Final Initial Study/Mitigated Negative Declaration

Airport Plaza Project

2060 WEST LATHROP ROAD, MANTECA, CA 95336

NOVEMBER 2023

Prepared for:

TWO GUYS FOOD AND FUEL
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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
ADA	Americans with Disabilities Act
ATP	Active Transportation Plan
BAU	Business as Usual
bgs	below ground surface
BMP	best management practice
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CAL FIRE	California Department of Forestry and Fire Protection
CAP	Climate Action Plan
CARB	California Air Resources Board
CBC	California Building Code
CEQA	California Environmental Quality Act
City	City of Manteca
CO	carbon monoxide
dBA	A-weighted decibel
EIR	environmental impact report
EV	electric vehicle
GHG	greenhouse gas
IM	implementation measure
L_{eq}	equivalent continuous sound level
LID	low impact development
MT CO_2e	metric tons of carbon dioxide equivalent
NAAQS	National Ambient Air Quality Standards
NO_x	oxides of nitrogen
O_3	ozone
MFD	Manteca Fire Department
MM	mitigation measure
MS4	Municipal Separate Storm Sewer System
LOS	level of service
NPDES	National Pollutant Discharge Elimination System
PG&E	Pacific Gas and Electric
PM_{10}	coarse particulate matter
$PM_{2.5}$	fine particulate matter
ROG	reactive organic gas
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SCWSP	South County Water Supply Project
SJCOG	San Joaquin Council of Governments
SJVAB	San Joaquin Valley Air Basin

Acronym/Abbreviation	Definition
SJVAPCD	San Joaquin Valley Air Pollution Control District
SR	State Route
SSJID	South San Joaquin Irrigation District
SWPPP	stormwater pollution prevention plan
TAC	toxic air contaminant
VMT	vehicle miles traveled
WQCF	Wastewater Quality Control Facility

1 Introduction

1.1 Project Overview

The proposed project by Two Guys Food and Fuel (applicant) would consist of a 3,410-square-foot convenience store, a 2,500-square-foot quick-service restaurant, two full-service restaurants (2,092 square feet and 1,908 square feet), a gas station with 16 fueling positions, a 5,734-square-foot retail building, and a drive-through car wash. The project is located at the southeast corner of South Airport Way and West Lathrop Road in Manteca, California.

1.2 California Environmental Quality Act Compliance

This Initial Study has been prepared per the requirements of the California Environmental Quality Act (CEQA) of 1970 (California Public Resources Code Section 21000, et seq.), and the CEQA Guidelines (14 CCR 15000 et seq.).

1.3 Public Review Process

The Initial Study and the proposed Mitigated Negative Declaration was circulated for public review from September 19, 2023, to October 19, 2023 (SCH No. 2023090415), pursuant to CEQA Guidelines Section 15073(a). One comment letter was received from the Central Valley Regional Water Quality Board on October 19, 2023. A response to this letter is included as Appendix G to this document.

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2 Project Description

2.1 Project Location

The project site encompasses approximately 3 acres located in the western portion of the City of Manteca, California (City), in the southeast quadrant of the Airport Way and Lathrop Road intersection. Figure 1 shows the location of the project site. The project parcel is located within the Neighborhood Commercial land use designation.

2.2 Project Characteristics

The proposed project site plan (Airport Plaza, K12 Architects, July 12, 2021) includes the following commercial uses:

- Gas station with 16 fueling positions
- A 1,300-square-foot car wash
- A 3,410-square-foot convenience store
- A 2,500-square-foot drive-through fast-food restaurant
- Two high-turnover full-service restaurants, 2,092 square feet and 1,908 square feet, respectively
- A 5,7340square-foot retail building

Access, Circulation, and Parking

Based on the project site plan, a total of 108 parking spaces would be provided, which aligns with City requirements (Manteca Municipal Code 17.52.050). Primary access to the project site would be provided by three driveways: one with full access on Airport Way, one with right-in/right-out only access on Lathrop Road, and one with full access on Lathrop Road.

Infrastructure

The project would include connections to the City's storm drain, water and wastewater utilities, described as follows.

- Storm drainage: The proposed project would connect to use the City's storm drainage system. Existing storm drain infrastructure is located at the southern end of the site. The project would install on-site storm drain pipes to collect and convey stormwater into the City's system.
- Water: Existing City water lines are located along Airport Way. The project would install on-site water lines to connect to the City's system to provide domestic water to serve the project.
- Wastewater: Existing wastewater infrastructure is located at the southern end of the site. The project would install on-site wastewater lines to connect to the City's system.

Landscaping

Project landscaping would include new trees, shrubs and ground cover with a new irrigations system that meets the current water usage requirements.

Energy Conservation

The proposed project would incorporate energy conservation components, including electric vehicle charging stations, LED lighting (interior and exterior) , and exterior fuel canopy lights will adjust to 30% brightness when cars are not present. In addition, the project is required to meet all requirements stated in the California Green Building Standards Code (CCR Title 24 Part 6 and Part 11).

2.3 Project Construction and Phasing

For the purposes of modeling, it was assumed that construction of the project would commence in June 2023[1] and would last approximately 13 months, ending in June 2024. The project was assumed to be operational for 30 years and then decommissioned and removed at the end of its lifetime. The analysis contained herein is based on the following subset area schedule assumptions (duration of phases is approximate):

- Site preparation – 1 week
- Grading – 2 weeks
- Building construction – 11 months
- Paving – 1 month
- Architectural coating – 1 month

The majority of the phases listed above would occur concurrently and would not occur sequentially in isolation. The estimated construction duration was provided by the project applicant. Detailed construction equipment modeling assumptions are provided in Appendix A, CalEEMod Outputs. It is anticipated that the project grading would be balanced on site. All construction equipment and construction worker vehicles would be staged (parked) on site during construction and meet all the requirements of CCR Title 24 Part 11.

The construction equipment mix used for estimating the construction emissions of the project is based on information provided by the project applicant and is shown in Table 1.

Table 1. Construction Scenario Assumptions

Construction Phase	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Total Haul Truck Trips	Equipment Type	Quantity	Usage Hours
Site preparation	18	4	0	Rubber-tired dozers	3	8
				Tractors/loaders/ backhoes	4	8
Grading	16	4	0	Excavators	1	8
				Graders	1	8
				Rubber-tired dozers	1	8

[1] The analysis assumes a construction start date of June 2023, which represents the earliest date construction would initiate. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

Table 1. Construction Scenario Assumptions

Construction Phase	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Total Haul Truck Trips	Equipment Type	Quantity	Usage Hours
				Tractors/loaders/ backhoes	3	8
Building construction	60	24	0	Cranes	1	7
				Forklifts	3	8
				Generator sets	1	8
				Tractors/loaders/ backhoes	3	7
Paving	20	4	60	Welders	1	8
				Cement and mortar mixers	2	6
				Pavers	1	8
				Paving equipment	2	6
				Rollers	2	6
Architectural coating	12	4	0	Tractors/loaders/ backhoes	1	8

Note: See Appendix A for details.

2.4 Project Approvals

The project requires the following approvals from the City:

- Planning Commission Approval
- Adoption of updated Mitigation Monitoring and Reporting Program, confirming applicable mitigation from the General Plan Environmental Impact Report (EIR)

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3 Initial Study Checklist

1. **Project title:**

   Airport Plaza Project

2. **Lead agency name and address:**

   City of Manteca
   Development Services
   1215 W. Center St., Suite 201
   Manteca, CA 95337

3. **Contact person and phone number:**

   Mallorie Fenrich, Acting Senior Planner
   1215 W. Center St., Suite 201
   Manteca, CA 95337
   (209) 456-8514

4. **Project location:**

   2060 W. Lathrop Road, Manteca, CA 95336
   Southeast corner of North Airport Way and East Lathrop Road, Manteca, California

5. **Project sponsor's name and address:**

   Paul Kamboj
   Two Guys Food and Fuel
   147 Lathrop Road
   Manteca, California 9533

6. **General plan designation:**

   Neighborhood Commercial

7. **Zoning:**

   Neighborhood Commercial (CN)

8. **Description of project. (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary):**

   See Section 2.2

9. Surrounding land uses and setting: Briefly describe the project's surroundings:

See Section 2.1

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

San Joaquin County Multi-Species Habitat Conservation & Open Space Plan (SJMSCP), San Joaquin County Department of Environmental Health, and San Joaquin Valley Air Pollution Control District.

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

The City sent out notification letters for the proposed project on February 9, 2023 pursuant to Public Resources Code §21080.3.1(b). Letters were sent to the list of tribes provided by the Native American Heritage Commision (NAHC) that are traditionally and culturally affiliated with the geographic area of the proposed project. Out of 12 tribes, no tribes requested consultation or provided additional information regarding potential impacts to tribal cultural resources.

Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact," as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☒ Air Quality
☒ Biological Resources	☒ Cultural Resources	☐ Energy
☒ Geology and Soils	☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials
☐ Hydrology and Water Quality	☐ Land Use and Planning	☐ Mineral Resources
☐ Noise	☐ Population and Housing	☐ Public Services
☐ Recreation	☒ Transportation	☒ Tribal Cultural Resources
☐ Utilities and Service Systems	☐ Wildfire	☒ Mandatory Findings of Significance

Determination (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Mallorie Fenrich

Signature

11-13-23

Date

Evaluation of Environmental Impacts

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an Environmental Impact Report (EIR) is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
    a. Earlier Analysis Used. Identify and state where they are available for review.
    b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
    c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
    a. the significance criteria or threshold, if any, used to evaluate each question; and
    b. the mitigation measure identified, if any, to reduce the impact to less than significance

3.1 Aesthetics

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
I.	**AESTHETICS** – Except as provided in Public Resources Code Section 21099, would the project**:**				
a)	Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c)	In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

a) Would the project have a substantial adverse effect on a scenic vista?

A project which substantially blocks or alters a view of a scenic vista would be a potentially significant impact. The City's General Plan acknowledges that agricultural and open space lands within and around the City are visual amenities; however, there are no officially designated scenic vista points in the City (City of Manteca 2003). The project site itself consists of open and undeveloped land but does not contain any visually important resources such as trees or rock formations, and the site appears to have been disturbed by regular mowing and/or disking. The project site would not be considered a scenic vista, and the views of the site are not unique to the surrounding visual setting.

The proposed project would occur in an area surrounded by residential development, open space lands, and agricultural land. The land east and south of the site is comprised of low-density residential development (primarily two-story single-family homes). Across Airport Way to the west, there are homes and ranchettes associated with nearby agricultural lands. The parcel north of the site across Lathrop Road consists of flat, undeveloped land lacking visually important resources, similar to the project site. Fruit orchards are present northwest of the site across Airport Way and Lathrop Road. The project site is generally flat with unobstructed views of the surrounding agricultural and open space lands. The tallest component of the proposed project would be at the convenience store exterior, with a height of approximately 29 feet at the highest point (the "tower," which would display the main exterior signage). The main building height of the convenience store and other proposed buildings would be approximately 21 feet

at the top of the parapets, which would be consistent with the current visual character of the area. For reference, the two-story single-family homes surrounding the site to the east and south are approximately 25 feet in height. The project site is consistent with the underlying zoning and land use designation of Neighborhood Commercial, which allows a maximum height of 45 feet (Section 17.26.020 of the City Code). The proposed height of project buildings would not obstruct any potential scenic views of surrounding agricultural and open space lands. Nevertheless, the City does not identify views of agricultural and open space lands to be "protected"; therefore, any obstruction that does occur would not be significant. For these reasons, the proposed project would have a **less-than-significant impact** on scenic vistas.

b) Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

There are no Officially Designated or Eligible State Scenic Highways within the project area, and the project site is not located within view of any scenic highways (Caltrans 2023). Therefore, the proposed project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway. The proposed project would have **no impact** related to scenic resources.

c) In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

The project site is located within an urbanized area, which includes incorporated cities of at least 100,000 persons or with a population of less than 100,000 persons if the population of that city and not more than two contiguous incorporated cities combined equals at least 100,000 persons. As of 2021, the City of Manteca has a population of approximately 85,000, but the City is contiguous with the City of Stockton, which has a population of approximately 322,000 (U.S. Census Bureau 2021). The project site is in an urbanized area, which only requires an evaluation of consistency with regulations that govern scenic quality, per CEQA Guidelines Appendix G. Therefore, the proposed project may result in a significant impact if it is found that the project would conflict with zoning or other regulations governing scenic quality, such as policies within the City's General Plan or design standards in the City Code.

The project site is consistent with the underlying zoning and land use designation of Neighborhood Commercial (City of Manteca 2019), which provides for "locally oriented retail and service uses, offices, restaurants, and service stations, public and quasi-public uses and similar and compatible uses" (City of Manteca 2003). As discussed under threshold 3.1(a), there would be no project components taller than the height limit of 45 feet in the Neighborhood Commercial Zone (Section 17.26.020 of the City Code). Building exteriors would reach a maximum height of 29 feet. The City Code does not specify requirements for density or minimum open space for the Neighborhood Commercial Zone but does specify a maximum floor area ratio of 0.6. As currently designed, the proposed project involves 16,946 square feet of building space on a 134,164-square-foot parcel, which would be a floor area ratio of approximately 0.12. The project would be consistent with applicable standards such as those regarding landscaping (Chapter 17.48 of the City Code) and lighting (Chapter 17.50 of the City Code). Further discussion is presented in Section 3.11 of this Initial Study. The City's General Plan contains several policies related to visual quality (e.g., RC-P-16, LU-P-43), but they are not applicable to the project as they concern the provision of public and private open space within urbanized parts of the City; the project site is not subject to minimum open space requirements. For the reasons described above, the proposed project would have a **less-than-significant impact** regarding conflict with applicable zoning and other regulations governing scenic quality.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

The area surrounding the project site is urbanized, and there are existing sources of light and glare created by streetlights, car headlights, and interior and exterior lighting from buildings. The proposed project would create additional sources of light and glare from car headlights accessing the project site, as well as interior and exterior lighting from the fuel pumps and proposed buildings.

Section 17.50.060 of the City Code identifies general lighting standards for light shielding, illumination levels, and nuisance prevention. The City's General Plan also includes Policy CD-P-45 promoting directional shielding of exterior lighting to minimize glare, and CD-P-46 to provide automatic shutoff or motion sensors for lighting features. The project would be required to adhere to the City's lighting requirements and design standards. All lighting would be directed downward or toward structures, shielded, and designed to illuminate at the minimum level necessary for safety and security. Additionally, Section 17.50.070 of the City Code states that a preliminary outdoor lighting plan must be submitted to the City as part of each site plan and design review application, and a final plan must be submitted as part of an application for a building permit. Therefore, the proposed project would have a **less-than-significant impact** regarding light and glare.

3.2 Agriculture and Forestry Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE AND FORESTRY RESOURCES – In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

According to the California Department of Conservation, the project site is designated as Rural Residential Land, which is a subtype in the "Other Land" category (DOC 2022). The Rural Residential Land designation applies to residential areas of 1 to 5 structures per 10 acres of land. The project area is surrounded by low-density residential development to the east and south and rural ranchettes to the west; however, the project site itself is not developed with residential uses nor is it used for agricultural purposes. The site is zoned and designated Neighborhood Commercial (City of Manteca 2019) and was not anticipated by the General Plan to be used for agricultural purposes (City of Manteca 2003). Therefore, the proposed project would have **no impact**.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

The project site is not zoned for agricultural use, and there is no Williamson Act contract. The site is zoned and designated Neighborhood Commercial (City of Manteca 2019) and would not conflict with existing zoning for agricultural use, or a Williamson Act contract. Therefore, the proposed project would have **no impact**.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

The site is zoned and designated Neighborhood Commercial (City of Manteca 2019) and would not conflict with existing zoning for forest land. No portion of the project site is considered forest land[2] as defined in California Public Resources Code Section 12220(g). Timberland[3] (as defined by California Public Resources

[2] "Forest land" is land that can support 10% native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits.

[3] "Timberland" means land, other than land owned by the federal government and land designated by the State Board of Forestry and Fire Protection as experimental forest land, which is available for, and capable of, growing a crop of trees of a commercial species used to produce lumber and other forest products, including Christmas trees. Commercial species shall be determined by the board on a district basis.

Code Section 4526) or timberland-zoned timberland production[4] (as defined by Government Code Section 51104(g)) is not present on site; nor are there any active or potential commercial timber operations present in the area. Therefore, the proposed project would not conflict with lands zoned for forest land, timberland, or timberland production, and there would be **no impact**.

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?

Refer to answer provided in 'c' above.

e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

Refer to answers provided in 'a', 'b', and 'c' above.

3.3 Air Quality

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY – Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

A project is non-conforming with an air quality plan if it conflicts with or delays implementation of any applicable attainment or maintenance plan. A project is conforming if it complies with all applicable San Joaquin Valley Air Pollution Control District (SJVAPCD) rules and regulations, complies with all proposed control measures that are not yet adopted from the applicable plan(s), and is consistent with the growth forecasts in the applicable plan(s) (or is directly included in the applicable plan). Zoning changes, specific plans, general plan amendments and similar land use plan changes that do not increase dwelling unit

[4] "Timberland production zone" or "TPZ" means an area, which is devoted to and used for growing and harvesting timber, or for growing and harvesting timber and compatible uses.

density, do not increase vehicle trips, and do not increase vehicle miles traveled (VMT) are also deemed to comply with the applicable air quality plan (SJVAPCD 2015).

The project would comply with applicable SJVAPCD rules and regulations, such as Regulation VIII (Fugitive PM_{10} Prohibitions) and IX (Mobile and Indirect Sources). The project would not conflict with existing land uses or result in population growth. The project site is currently zoned as Neighborhood Commercial and permits gas stations, restaurants, convenience stores, and car washes as set forth in Table 17.22.020-1 of the City's Municipal Code. Emissions during construction and operation would not exceed the SJVAPCD significance threshold. Therefore, the project would be consistent with the zoned use for the site. The project would result in a **less-than-significant impact** during construction and operation.

b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SJVAPCD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality.

Construction Emissions

Proposed construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and volatile organic compound off-gassing) and off-site sources (i.e., on-road vendor trucks, haul trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and, for particulate matter, the prevailing weather conditions. Therefore, such emission levels can only be approximately estimated.

The California Emissions Estimator Model (CalEEMod) Version 2022.1.1.4 was used to estimate emissions from construction of the project. Internal combustion engines used by construction equipment, trucks, and worker vehicles would result in emissions of volatile organic compounds, oxides of nitrogen (NO_x), carbon monoxide (CO), coarse particulate matter (PM_{10}), and fine particulate matter ($PM_{2.5}$). PM_{10} and $PM_{2.5}$ emissions would also be generated by entrained dust, which results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil. The project would be required to comply with SJVAPCD Rule 8021 to control dust emissions generated during any dust-generating activities. Standard construction practices that would be employed to reduce fugitive dust emissions include watering of the active dust areas two times per day, with additional watering depending on weather conditions. The CalEEMod default assumptions were used for estimating fugitive dust emissions from grading on site. Table 2 presents the annual emissions reported as the highest rolling 12 months estimated during construction of the project. Details of the emission calculations are provided in Appendix A.

Table 2. Estimated Maximum Construction Criteria Air Pollutant Emissions – Project

Month/Year	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Tons per month					
June 2023	0.04	0.37	0.38	<0.00	0.02	0.01
July 2023	0.04	0.37	0.38	<0.00	0.02	0.01
August 2023	0.04	0.37	0.38	<0.00	0.02	0.01
September 2023	0.08	0.70	0.73	<0.00	0.03	0.03
October 2023	0.08	0.70	0.73	<0.00	0.03	0.03
November 2023	0.08	0.70	0.73	<0.00	0.03	0.03
December 2023	0.08	0.70	0.73	<0.00	0.03	0.03
January 2024	0.08	0.70	0.73	<0.00	0.03	0.03
February 2024	0.08	0.70	0.73	<0.00	0.03	0.03
March 2024	0.07	0.60	0.63	<0.00	0.03	0.02
April 2024	0.07	0.60	0.63	<0.00	0.03	0.02
May 2024	0.07	0.60	0.63	<0.00	0.03	0.02
June 2024	0.07	0.01	0.01	0.01	0.01	0.01
Maximum Rolling 12-Month Total Emissions	**0.87**	**7.09**	**7.40**	**0.02**	**0.31**	**0.27**
SJVAPCD Threshold	*10*	*10*	*100*	*27*	*15*	*15*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; <0.00 = less than 0.004; SJVAPCD = San Joaquin Valley Air Pollution Control District.

As shown in Table 2, project construction would not exceed SJVAPCD's rolling 12-month thresholds. Therefore, construction impacts associated with criteria air pollutant emissions would be less than significant.

Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod. Operational year 2024 was assumed, as it would be the first year following completion of construction. Reactive organic gas (ROG) emissions from loading, breathing, refueling, spillage, and hose permeation were estimated using a spreadsheet model and emission factors from the California Air Resources Board's (CARB) Gasoline Service Station Industrywide Risk Assessment Technical Guidance (CARB 2022). Table 3 presents the estimated emissions during operation.

Table 3. Estimated Maximum Annual Operational Criteria Air Pollutant Emissions

Emissions Source	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Tons per year					
Area	0.07	<0.00	0.06	<0.00	<0.00	<0.00
Energy	<0.00	0.04	0.04	<0.00	<0.00	<0.00
Mobile	4.11	2.82	20.6	0.04	1.19	0.24
Stationary	0.53	0.00	0.00	0.00	0.00	0.00
Total	**4.71**	**2.86**	**20.70**	**0.04**	**1.19**	**0.24**
SJVAPCD Threshold	*10*	*10*	*100*	*27*	*15*	*15*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; <0.00 = less than 0.004; SJVAPCD = San Joaquin Valley Air Pollution Control District.
See Appendix A for complete results. Totals may not sum precisely due to rounding.
Stationary emissions include loading, breathing, refueling, spillage, and hose permeation from the gasoline station.

As shown in Table 3, the project would not exceed SJVAPCD's significance thresholds during operations. Therefore, operational impacts associated with criteria air pollutant emissions would be **less than significant**.

For purposes of this air quality analysis and consistent with SJVAPCD guidance documents, actions that exceed criteria pollutant National Ambient Air Quality Standards (NAAQS) (i.e., primary standards designed to safeguard the health of people considered to be sensitive receptors while outdoors and secondary standards designed to safeguard human welfare) or the U.S. Environmental Protection Agency's Prevention of Significant Deterioration Significant Impact Levels would result in significant impacts. Additionally, actions that violate California Ambient Air Quality Standards (CAAQS) developed by CARB are considered significant.

Determination of whether project emissions would violate any ambient air quality standard is largely a function of air quality dispersion modeling. The SJVAPCD recommends that an ambient air quality analysis be performed when emissions of any criteria pollutant would equal or exceed any applicable threshold of significance for criteria pollutants or 100 pounds per day of any criteria pollutant. If the impacts resulting from a project's emissions would not exceed the CAAQS and NAAQS at the project's property boundaries, the project would not violate any air quality standard or contribute substantially to an existing or projected air quality violation (SJVAPCD 2015). As shown in Appendix A, the project did not exceed 100 pounds per day on site during construction or operation; therefore, the project does not require an air quality dispersion modeling assessment.

Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and the SJVAPCD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality. As previously described, the project would have a less-than-significant impact for construction and operation.

The San Joaquin Valley Air Basin (SJVAB) is a nonattainment area for ozone (O_3), PM_{10}, and $PM_{2.5}$ under the NAAQS and/or CAAQS. The poor air quality in the SJVAB is the result of cumulative emissions from motor vehicles, off-road equipment, commercial and industrial facilities, and other emission sources. Projects that emit these pollutants or their precursors (i.e., ROG and NO_x for O_3) potentially contribute to poor air quality. Annual construction emissions associated with the project would not exceed the SJVAPCD significance thresholds for criteria pollutants. Accordingly, the project would result in a less-than-significant increase in emissions of nonattainment pollutants. The project would not generate a significant long-term increase in operational emissions, as shown in Table 3. Furthermore, the project would not conflict with the SJVAPCD Ozone Attainment Plans, or the PM_{10} or $PM_{2.5}$ Attainment Plan, which address the cumulative emissions in the SJVAB and account for emissions associated with construction activity in the SJVAB.

As shown in Tables 2 and 3, the project would not exceed the SJVAPCD significance thresholds. Based on these considerations, the project would not result in a cumulatively considerable increase in emissions of nonattainment pollutants. Impacts would be **less than significant**.

c) Would the project expose sensitive receptors to substantial pollutant concentrations?

Air quality varies as a direct function of the amount of pollutants emitted into the atmosphere, the size and topography of the air basin, and the prevailing meteorological conditions. Air quality problems arise when the rate of pollutant emissions exceeds the rate of dispersion. Reduced visibility, eye irritation, and adverse health impacts on those persons termed "sensitive receptors" are the most serious hazards of existing air quality conditions in the area. Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution, as identified by CARB, include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases; however, for the purposes of this analysis, residents are also considered sensitive receptors. As such, sensitive receptors include residences, schools, playgrounds, child-care centers, athletic facilities, long-term health-care facilities, rehabilitation centers, convalescent centers, and retirement homes. The closest off-site sensitive receptors to the project are existing residential land uses located adjacent to the project Site east and southern boundary. As discussed, the project would comply with SJVAPCD Rule 8021, which requires applicants to develop, prepare, submit, obtain approval of, and implement a dust control plan.

Valley Fever Exposure

The project site is located in San Joaquin County, where Valley Fever, caused by the fungus *Coccidioides immitis*, is considered endemic. Rates of Valley Fever are relatively high in San Joaquin County. The San Joaquin County Public Health Services Department reported 259 cases of Valley Fever in 2018, the highest ever recorded (San Joaquin County Public Health Services 2019). This fungus lives in the top 2–12 inches of soil; therefore, during soil disturbance, the fungal spores can be released into the air. The spores are too small to be seen by the naked eye, and there is no reliable way to test the soils for spores (CDPH 2019). The disease is caused by inhalation of dust containing the fungal spore. Most people who are exposed have no symptoms or very mild systems. However, in a small percentage of the population, the fungal spore can generate more serious systems of meningitis, pneumonia, or chronic fatigue. Construction workers have increased risk of exposure, since their job involves the disturbance of soils where fungal spores are found. Valley Fever infection rates are highest in California from June to November, and the illness is endemic in San Joaquin County. Therefore, a risk of Valley Fever infection exists for construction personnel working on the project in the peak summer and fall months. Valley Fever risk from construction-related dust from the project will be partially mitigated by implementation of an SJVAPCD–approved dust control plan. However, implementation of mitigation measures (MM-) AQ-1 and MM-AQ-2 would further reduce the risk of Valley Fever infection. Therefore, with implementation of MM-AQ-1 and MM-AQ-2, impacts to construction workers and nearby sensitive receptors, would **less than significant with mitigation**.

Health Impacts of Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (immediate) and/or chronic (cumulative) non-cancer health effects. A toxic substance released into the air is considered a toxic air contaminant (TAC). Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and

area sources such as landfills. Non-carcinogenic effects typically affect one or more target organ systems and may be experienced on either hort-term (acute) or long-term (chronic) exposure to a given TAC.

TACs are identified by federal and state agencies based on a review of available scientific evidence. In the State of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere.

Project construction would result in emissions of diesel particulate matter from heavy construction equipment and trucks accessing the Site. Diesel particulate matter is characterized as a TAC by the State of California. The Office of Environmental Health Hazard Assessment has identified carcinogenic and chronic noncarcinogenic effects from long-term exposure but has not identified health effects due to short-term exposure to diesel exhaust. According to the Office of Environmental Health Hazard Assessment, health risk assessments, which determine the exposure of sensitive receptors to toxic emissions, should be based on a 30-year exposure period for the maximally exposed individual resident; however, such assessments should be limited to the period/duration of activities associated with the project. Thus, the duration of the proposed construction activities would only constitute a small percentage of the total 30-year exposure period. Due to this relatively short period of exposure (13 months) and minimal particulate emissions on site, TACs generated by the project would not result in concentrations causing significant health risks.

During operation, the project would emit TACs from the gasoline station. A health risk assessment was prepared to evaluate potential health risk impacts of the project during operation and is included as Appendix B. The results of the health risk assessment are shown in Table 4.

Table 4. Operational Health Risk Assessment Results

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential	Per Million	3.7	20	Less than Significant
Maximum Individual Cancer Risk – Worker	Per Million	0.2	20	Less than Significant
Chronic Hazard Index – Residential	Index Value	0.01	1.0	Less than Significant
Chronic Hazard Index – Worker	Index Value	0.003	1.0	Less than Significant
Acute Hazard Index – Residential	Index Value	0.08	1.0	Less than Significant
Acute Hazard Index – Worker	Index Value	0.05	1.0	Less than Significant

Source: SJVAPCD 2015.
Note: CEQA = California Environmental Quality Act.
See Appendix B.

As shown in Table 4, project operation would not exceed the SJVAPCD thresholds for cancer, chronic hazard index, or acute hazard index. The project operational TAC health risk impacts would be considered less than significant.

Health Impacts of Carbon Monoxide

As described previously, exposure to high concentrations of CO can result in dizziness, fatigue, chest pain, headaches, and impairment of central nervous system functions. Mobile-source impacts, including those related to CO, occur essentially on two scales of motion. Regionally, project-related construction travel

would add to regional trip generation and increase the VMT within the local airshed and the SJVAB. Locally, construction traffic would be added to the roadway system in the vicinity of the project site. Although the SJVAB is currently an attainment area for CO, there is a potential for the formation of microscale CO "hotspots" to occur immediately around points of congested traffic. Hotspots can form if such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles cold-started and operating at pollution-inefficient speeds, and/or is operating on roadways crowded with non-project traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SJVAB is steadily decreasing.

The SJVAPCD Guidance for Assessing and Mitigating Air Quality Impacts states that a quantitative CO hotspots analysis be performed if either of the following two conditions exist: (1) a traffic study for the project indicates that the level of service (LOS) on one or more streets or at one or more intersections in the project vicinity will be reduced to LOS E or F, or (2) a traffic study indicates that the project will substantially worsen an already existing LOS F on one or more streets or at more or more intersections in the project vicinity (SJVAPCD 2015). The project would cause a temporary increase in traffic during the 13-month construction period. The Transportation Impact Study for the project showed that during operation the project would not cause the LOS at any intersection to reduce to LOS E or F with recommended conditions of approval (Appendix D). Therefore, the project would not materially contribute to the local traffic or impact local intersections level of service. As such, impacts to sensitive receptors with regard to potential CO hotspots resulting from the project's contribution to cumulative traffic-related air quality impacts would be less than significant.

Health Impacts of Other Criteria Air Pollutants

Construction of the project would not exceed the SJVAPCD threshold for ROGs. Specific ROGs may be TACs; however, ROGs are not expected to present risk of health impacts even if the specific ROGs associated with project construction aren't entirely known. Some ROGs would be associated with motor vehicles and construction equipment, whereas others are associated with architectural coatings, the emissions of which would not result in the exceedances of the SJVAPCD's threshold as shown in Table 2. Generally, the ROGs in architectural coatings are of relatively low toxicity. Additionally, SJVAPCD Rule 4601 restricts the ROG content of coatings for both construction and operational applications.

Operation of the project would not result in emissions that exceed the SJVAPCD's emission thresholds for any criteria air pollutants, including ROGs, NO_x, CO, sulfur oxides (SO_x), PM_{10}, or $PM_{2.5}$. Some ROGs would be associated with motor vehicles and construction equipment, while others are associated with architectural coatings, the emissions of which would not result in the exceedances of the SJVAPCD's thresholds as shown in Table 3. Generally, the ROGs in architectural coatings are of relatively low toxicity.

In addition, ROGs and NO_x are precursors to O_3, for which the SJVAB is designated as nonattainment with respect to the NAAQS and CAAQS (the U.S. Environmental Protection Agency has designated the SJVAB as a nonattainment area for the federal 8-hour O_3 standard, and CARB has designated the SJVAB as a nonattainment area for the state 1-hour and 8-hour O_3 standards). The health effects associated with O_3 are generally associated with reduced lung function. The contribution of ROGs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SJVAB due to O_3 precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the ROG emissions would occur because

exceedances of the O_3 ambient air quality standards tend to occur between April and October, when solar radiation is highest.

The holistic effect of a single project's emissions of O_3 precursors is speculative due to the lack of quantitative methods to assess this impact. Nonetheless, the ROG and NO_x emissions associated with project construction could minimally contribute to regional O_3 concentrations and the associated health impacts. O_3 health impacts are associated with respiratory irritation, which may be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. The project would not exceed the SJVAPCD threshold for O_3 precursor NO_x during construction; thus, there would be a less-than-significant impact during construction. In addition, the long-term operational emissions would not exceed any significance thresholds for O_3 precursors.

Construction and operation of the project would not exceed thresholds for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter. The project would also not result in substantial diesel particulate matter emissions during construction and operation and therefore, would not result in significant health effects related to diesel particulate matter exposure. Because the project would not exceed thresholds for PM_{10} or $PM_{2.5}$ during construction and operation, health impacts would be less than significant.

According to the construction emissions analysis, construction of the project would not contribute to exceedances of the NAAQS and CAAQS for NO_2 during construction. Emissions from construction of the project would be short-term in duration, and the long-term operational emissions would not exceed any significance thresholds. NO_2 and NO_x health impacts are associated with respiratory irritation, which may be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. Therefore, the construction- and operation-related health impacts for NO_2 would be considered **less than significant.**

Mitigation Measures: The following mitigation measures are provided to reduce the impacts to construction workers and nearby sensitive receptors.

MM-AQ-1 Between June 1 and November 30, when Valley Fever rates of infection are the highest, additional dust suppression measures (such as additional water or the application of additional soil stabilizer) will be implemented prior to and immediately following ground-disturbing activities if wind speeds exceed 15 mph or temperatures exceed 95°F for 3 consecutive days. The additional dust suppression will continue until winds are 10 mph or lower and outdoor air temperatures are below 90°F for at least 2 consecutive days. The additional dust suppression measures will be incorporated into the dust control plan.

MM-AQ-2 Prior to any project grading activity, the primary project construction contractor will prepare and implement a worker training program that describes potential health hazards associated with Valley Fever, common symptoms, proper safety procedures to minimize health hazards, and notification procedures if suspected work-related symptoms are identified during construction. The worker training program will identify safety measures to be implemented by construction contractors during construction. Safety measures will include the following:

- Provide HEPA-filtered air-conditioned enclosed cabs on heavy equipment. Train workers on proper use of cabs, such as turning on air conditioning prior to using the equipment.
- Provide communication methods, such as two-way radios, for use by workers in enclosed cabs.
- Provide personal protective equipment, such as half-mask and/or full-mask respirators equipped with particulate filtration, to workers active in dusty work areas.
- Provide separate, clean eating areas with hand-washing facilities for construction workers.
- Clean equipment, vehicles, and other items before they are moved off site to other work locations.
- Provide training for construction workers so they can recognize the symptoms of Valley Fever and promptly report suspected symptoms of work-related Valley Fever to a supervisor.
- Direct workers that exhibit Valley Fever symptoms to immediately seek a medical evaluation.
- Prior to initiating any grading, the construction contractor will provide the County program manager with copies of all educational training material.

d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speed and direction; and the sensitivity of receiving location all contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the project. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and asphalt pavement application. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be **less than significant.**

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food-processing plants, chemical plants, composting operations, refineries, landfills, dairies, and fiberglass molding facilities (SJVAPCD 2015). The project would not create any new sources of odor during operation as identified by the SJVPACD. Therefore, project operations would result in an odor impact that would be **less than significant**.

3.4 Biological Resources

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IV.	**BIOLOGICAL RESOURCES** – Would the project:				
a)	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c)	Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☒	☐	☐
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Setting

Dudek biologists conducted a desktop evaluation of the proposed project site. This evaluation includes review of the following available biological databases: U.S. Fish and Wildlife Service (USFWS), California Natural Diversity Database (CNDDB), and California Native Plant Society. Results of the database searches are presented in Appendix E, Special-Status Species Potential to Occur.

One land cover type—Disturbed—and no natural vegetation communities are present on the proposed project site. Disturbed land cover is consistent with human disturbance such as residential and commercial development. The parcel shows evidence of past clearing and grading, and the vegetation present is consistent with non-native species common in disturbed landscapes such as wild oat (*Avena* spp.), cheeseweed (*Malva parviflora*), and bromes (*Bromus* spp.).

Special-Status Plants: Results of USFWS, CNDDB, and California Native Plant Society searches revealed 16 special-status plant species that have potential to occur or that are known to occur in the proposed project region, which includes the Lathrop, California quadrangle and the surrounding eight U.S. Geological Survey (USGS) 7.5-minute quadrangles (see Appendix E). All special-status plant species were removed from consideration due to lack of suitable habitat within or adjacent to the project site, or due to the site being outside of the species' known geographic or elevation range. The history of disturbance and development on the project site and surrounding areas is not conducive to special-status plant presence.

Special-Status Wildlife: Results of the USFWS, CNDDB, and literature searches revealed 37 special-status wildlife species as present or potentially present in the proposed project region (see Appendix E). Of these, 35 species were removed from consideration due to lack of suitable habitat on or adjacent to the project site, or due to the site being outside of the species' known geographic or elevation range. The following were determined to have some potential to occur on the project site: burrowing owl (*Athene cunicularia*) and loggerhead shrike (*Lanius ludovicianus*).

a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

The potential for special-status plants species to occur on the proposed project site is low due to the disturbed nature of the parcel and the urban development in the immediate vicinity.

The proposed project involves ground disturbance, which has the potential to impact native and migratory birds should they be present and nesting at the time of construction. Implementation of mitigation measure MM-BIO-1 would ensure that surveys for nesting birds be carried out prior to any proposed project activities that occur during the nesting season, and that impact avoidance and minimization measures are appropriately implemented if any nests are discovered during surveys. Implementation of MM-BIO-1 would ensure that any potential impacts to nesting birds would be **less than significant**.

Impacts to special-status species would be **less than significant with mitigation incorporated**.

Mitigation Measures: The following mitigation measure is provided to reduce the impacts to sensitive or special-status species.

MM-BIO-1 To the extent feasible, the City of Manteca shall schedule vegetation removal activities during the non-breeding season for birds in the region (August 16 through February 14). If vegetation removal must be carried out during the breeding season, a qualified biologist shall conduct a nesting bird survey within 1 week prior to said activities to determine if any birds are nesting on or near the project site (including a 500-foot buffer for raptors). If any active nests are observed during surveys, a suitable avoidance buffer from the nests shall be determined and flagged by a qualified biologist based on species, location, and planned construction activities. Consultation with the California Department of Fish and Wildlife

may be required to determine appropriate buffer distances. These nests shall be avoided until the chicks have fledged and the nests are no longer active, as determined by the qualified biologist.

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

The proposed project site has been previously disturbed, is surrounded by urban development, and does not support riparian habitat or other sensitive natural vegetation communities. **No impact** would occur.

c) Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

The proposed project site has no state or federally protected wetland according to the National Wetlands Inventory (USFWS 2022). The site has no hydric soils, which are often associated with aquatic features (USDA 2022). **No impact** would occur.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No wildlife corridors would be affected as the surrounding area to the project is highly urbanized. The site provides nursery habitat for ground-nesting birds. Impacts to species would be **less than significant with mitigation incorporated**. Mitigation measure MM-BIO-01 ensures no impacts to ground-nesting birds.

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

The proposed project would not conflict with any local policies or ordinances and would be consistent with provisions of the Manteca City General Plan Conservation and Open Space Element. **No impact** would occur.

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No draft or adopted habitat conservation plans, natural community conservation plans, or other approved local, regional, or state habitat conservation plans exist for the proposed project site. **No impact** would occur.

3.5 Cultural Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES – Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☐	☐	☒	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☒	☐	☐

Setting

A Cultural Resources Inventory Report for the project was prepared by Dudek in April 2023 and is included as Appendix C to this document. A records search of the project site and the surrounding one-mile radius was completed by Central California Information Center (CcaIC) staff on behalf of Dudek in December 2022 which included their collection of mapped prehistoric, historical, and built-environment resources, Department of Parks and Recreation (DPR) Site Records, technical reports, archival resources, and ethnographic references. Additional consulted sources included the National Register of Historic Places (NRHP), California Inventory of Historical Resources (CRHR) and listed Office of Historic Preservation (OHP) Archaeological Determinations of Eligibility, California Points of Historical Interest, California Historical Landmarks, and Caltrans Bridge Survey information. Historic aerial photographs, available from 1957 to 2020, and historic maps, available from 1915 to 2018, were inspected to observe previous development in the Project site. An intensive pedestrian survey was also conducted in January 2023.

a) Would the project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

Historic aerial photographs and historic maps display the project area as agricultural land up to the mid-1980s to 1990s with the development of housing surrounding the project site in the early 2000s. From the mid-1990s the project site has remained undeveloped until present day. Based on the records search result, no previously recorded cultural resources intersect the project site, and no historical resources were observed during the pedestrian survey. Therefore, impacts to historical resources would be **less than significant**.

b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

No archaeological resources were identified within the project site or immediate vicinity as a result of intensive pedestrian survey and the records search. Dudek also requested a NAHC search of their Sacred

Lands File on December 20, 2022 for the project site which came back negative. No known resources would be impacted by project activities. Based on review of the project's geoarchaeological setting, the area has a low to moderate potential to contain unanticipated cultural resources. However, ground disturbance as part of project construction could nonetheless expose or harm unanticipated archaeological resources. Implementation of MM-CUL-1 includes management recommendations to reduce potential impacts to unanticipated archaeological resources to a less-than-significant level.

Impacts to archaeological resources would be **less than significant with mitigation incorporated**.

Mitigation Measures: The following mitigation measure is provided to reduce the impacts to unanticipated archaeological resources.

MM-CUL-1 All employees should be alerted to the potential to encounter archaeological material. In the event that cultural resources (sites, features, or artifacts) are exposed during work activities for the proposed Project, all ground disturbing work occurring within 100 feet of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Prehistoric archaeological deposits may be indicated by the presence of discolored or dark soil, fire-affected material, concentrations of fragmented or whole freshwater bivalves shell, burned or complete bone, non-local lithic materials, or the characteristic observed to be atypical of the surrounding area. Common prehistoric artifacts may include modified or battered lithic materials; lithic or bone tools that appeared to have been used for chopping, drilling, or grinding; projectile points; fired clay ceramics or non-functional items; and other items. Historic-age deposits are often indicated by the presence of glass bottles and shards, ceramic material, building or domestic refuse, ferrous metal, or old features such as concrete foundations or privies. Depending upon the significance of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing, or data recovery may be warranted.

c) Would the project disturb any human remains, including those interred outside of formal cemeteries?

Similar to the discussion above, ground-disturbing activities as part of project construction could potentially uncover or disturb unanticipated human remains. Implementation of MM-CUL-1 includes management recommendations to reduce impacts to human remains to a less-than-significant level.

Impacts to human remains would be **less than significant with mitigation incorporated**.

Mitigation Measures: The following mitigation measure is provided to reduce the impacts to unanticipated human remains.

MM-CUL-2 In accordance with Section 7050.5 of the California Health and Safety Code, if human remains are found, the County Coroner shall be immediately notified of the discovery. No further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the County Coroner has determined, within 2 working days of notification of the discovery, the appropriate treatment and disposition of the human

remains. If the County Coroner determines that the remains are, or are believed to be, Native American, he or she shall notify the NAHC in Sacramento within 24 hours. In accordance with California Public Resources Code, Section 5097.98, the NAHC must immediately notify those persons it believes to be the most likely descendant from the deceased Native American. The designated Native American representative would then determine, in consultation with the property owner, the disposition of the human remains.

3.6 Energy

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. Energy – Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

a) Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Construction

Electricity. Temporary electric power for as-necessary lighting and electronic equipment would be provided by Pacific Gas and Electric (PG&E). The amount of electricity used during construction would be minimal because typical demand would stem from electric-powered hand tools. The electricity used for construction activities would be temporary and minimal; therefore, project construction would not result in wasteful, inefficient, or unnecessary consumption of electricity. Impacts would be **less than significant.**

Natural Gas. Natural gas is not anticipated to be required during project construction. Fuels used for construction equipment would primarily consist of diesel and gasoline, which are discussed under the subsection "Petroleum." Any minor amounts of natural gas that may be consumed as a result of project construction would be temporary and negligible and would not have an adverse effect; therefore, project construction would not result in wasteful, inefficient, or unnecessary consumption of natural gas. Impacts would be **less than significant.**

Petroleum. Petroleum would be consumed throughout construction. Fuel consumed by construction equipment would be the primary energy resource expended over the course of construction. Transportation of construction materials and construction workers would also result in petroleum consumption. Heavy-duty construction equipment, vendor trucks, and haul trucks would use diesel fuel. Construction workers would likely travel to and from the project area in gasoline-powered vehicles. Construction is expected to

take approximately 13 months. Once construction activities cease, petroleum use from off-road equipment and transportation vehicles would end. Because of the short-term nature of construction and relatively small scale of the project, petroleum use would be minimal. Impacts would be **less than significant.**

Operation

Electricity. The operation of the project buildout would require electricity for multiple purposes, including cooling, lighting, appliances, and various equipment. Additionally, the supply, conveyance, treatment, and distribution of water would indirectly result in electricity usage. Electricity consumption associated with project operation is based on the CalEEMod outputs presented in Appendix A.

CalEEMod default values for energy consumption for each land use were applied for the project analysis. The energy use from nonresidential land uses is calculated in CalEEMod based on the California Commercial End-Use Survey database. Energy use in buildings (both natural gas and electricity) is divided by the program into end use categories subject to Title 24 requirements (end uses associated with the building envelope, such as the HVAC system, water heating system, and integrated lighting) and those not subject to Title 24 requirements (such as appliances, electronics, and miscellaneous "plug-in" uses).

Title 24 of the California Code of Regulations serves to enhance and regulate California's building standards. The most recent amendments to Title 24, Part 6, referred to as the 2022 standards, became effective on January 1, 2023. According to these estimations, the project would consume approximately 463,707 kilowatt-hours (kWh) per year during operation (Appendix A). The nonresidential electricity demand in 2021 was 3,842,679,539 kWh (3,483 gigawatt-hours) for San Joaquin County (CEC 2022a). As such, the project would have a negligible impact on demand for San Joaquin County and PG&E. Impacts would be less than significant.

Natural Gas. Project operation would require natural gas for various purposes, including water heating and natural gas appliances. Natural gas consumption associated with operation is based on the CalEEMod outputs in Appendix A.

CalEEMod default values for energy consumption for each land use were applied for the project analysis. According to these estimations, the project would consume approximately 909,762 kilo-British thermal units of natural gas per year. The nonresidential natural gas consumption in 2021 was 9,611,900,095 kilo-British thermal units for San Joaquin County (CEC 2022b). As such, the project would have a negligible impact on demand for natural gas for San Joaquin County. Impacts would be **less than significant.**

Petroleum. Petroleum fuel consumption associated with motor vehicles traveling to and from the project site is a function of the VMT related to project operation. As shown in Appendix A and as discussed in Section 3.3, Air Quality, and Section 3.8, Greenhouse Gas Emissions, the annual net new VMT attributable to the project is expected to be 8,201,447 VMT. According to CARB, the estimated annual VMT in 2024 in San Joaquin County is 7,448,518,703 (CARB 2022). As such, the project would have a negligible impact on demand for petroleum for San Joaquin County.

Statewide emission reduction measures will also reduce greenhouse gas (GHG) emissions over the life of the project. CARB-adopted amendments to the Pavley regulations include measures aimed at reducing GHG emissions associated with transportation. These amendments are part of California's commitment to a nationwide program to reduce new passenger vehicle GHGs from 2012 through 2016. Pavley regulations reduced GHG emissions from California passenger vehicles by about 22% in 2012 and by

about 30% in 2016, while improving fuel efficiency and reducing motorists' costs. Additionally, CARB has adopted a new approach to passenger vehicles (cars and light trucks) by combining the control of smog-causing pollutants and GHG emissions into a single coordinated package of standards. The new approach also includes efforts to support and accelerate the numbers of plug-in hybrids and zero-emission vehicles in California (CARB 2017). As such, vehicle trips associated with the project are expected to use less petroleum over time due to advances in fuel economy. Therefore, impacts to petroleum during operation would be **less than significant**.

b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

The project would be subject to and would comply with, at a minimum, the 2022 California Building Code (CBC) (24 CCR Part 6). The project would not conflict with existing energy standards and regulations and **impacts would be less than significant**.

Construction

The electricity and natural gas used for construction of the project would be temporary and would have a negligible contribution to the project's overall energy consumption. Construction is anticipated to consume gasoline and diesel. This would be a fraction of petroleum that would be consumed in California and countywide over the course of the construction period. Therefore, construction would have a less-than-significant impact with regards to regional energy supplies.

Operation

As discussed under the previous thresholds, the project would result in an increased demand for electricity, natural gas, and petroleum. Design features would reduce the project's energy consumption by what is required by the 2022 CBC standards. The efficiency standards apply to new construction of both residential and nonresidential buildings and regulate energy consumed for heating, cooling, ventilation, water heating, and lighting.

In addition, Pavley regulations reduced GHG emissions from California passenger vehicles by about 22% in 2012 and by about 30% in 2016, all while improving fuel efficiency. By 2025, when the Advanced Clean Cars rules are fully implemented, one in seven new cars sold in California (1.4 million) will be non-polluting or nearly so, including plug-in hybrids, fully electric battery-powered cars, and hydrogen-powered fuel cell vehicles (CARB 2012). Meanwhile, gasoline- and diesel-powered passenger vehicles would grow ever cleaner and more efficient. A variety of new technologies, from direct fuel injection to lower rolling resistance tires, will also cut pollution and create more energy-efficient vehicles (CARB 2012). As such, petroleum usage associated with operation of the project is anticipated to decrease over time due to a reduction in VMT in the region and advances in fuel economy. Therefore, impacts related to regional energy supplies and capacity during project operation would be less than significant.

3.7 Geology and Soils

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS – Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

a) Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Fault rupture typically occurs along what are known as Holocene-active faults, which are faults where evidence demonstrates displacement has occurred within the last 11,700 years. According to mapping compiled by the USGS, there are no Holocene-active faults that transect through or even near the site (CTE 2022). The nearest Holocene-active fault to the site, the Greenville fault, is approximately 25 miles southwest of the site (CTE 2022). The Great Valley fault is the next nearest fault at approximately 14 miles southwest; however, it is not considered Holocene-active. Therefore, development of the proposed project would not be susceptible to ground displacement due to surface fault rupture. Furthermore, development of the project would not exacerbate existing conditions that could increase the likelihood of surface fault rupture by stressors on faults. Therefore, the proposed action would not expose people to increased risks as a result of fault rupture, and the potential impact would be **less than significant**.

ii) Strong seismic ground shaking?

The project site is located in a moderately seismically active region where numerous Holocene-active faults capable of producing substantive ground shaking during a seismic event are located between 15 and 38 miles from the project site (CTE 2022). The severity of ground shaking is dependent on a number of different factors including distance to the causative fault, magnitude of the event, duration of shaking, and the geotechnical characteristics of the underlying materials. The closest fault to the project site is the Great Valley fault, Segment 7, approximately 14.9 miles southwest of the site, and the nearest Holocene-active fault is the Greenville fault, approximately 25 miles southwest of the site (CTE 2022). Other Holocene-active faults considered capable of causing ground shaking at the project site include the Mount Diablo Thrust, Calaveras, Green Valley, West Napa, Greenville, and Rodgers-Creek faults. Ground shaking may affect areas hundreds of miles distant from an earthquake's epicenter.

The proposed project would be required to comply with the most current CBC, which includes requirements to ensure that new development is designed to include seismic safety measures. The 2022 CBC[5] design parameters are specifically tailored to minimize the risk of structure failure due to seismic hazards and include a requirement for a standard, project-specific geotechnical (also known as a soils investigation) report, as part of the building permit process (CBC Chapter 18 and 18A). A preliminary project-specific geotechnical report prepared for the project site determined that ground shaking due to an earthquake was a primary geologic hazard at the site (CTE 2022). However, the proposed project is located relatively distant from the regions Holocene-active faults such that the degree of ground shaking would be relatively low (CTE 2022). Nonetheless, in accordance with the CBC, a final design level geotechnical report would be required that provides specific recommendations related to soils and seismic engineering for the proposed improvements, including recommendations for remedial grading and foundation design, thus minimizing the potential for structural distress as a result of seismically induced ground shaking.

[5] The CBC is updated tri-annually; the current version is the 2022 CBC which became effective on January 1, 2023.

Therefore, the project would be designed consistent with applicable CBC regulations, with respect to seismic engineering and would therefore be considered seismically safe. As a result, development of the proposed project would not directly or indirectly cause or exacerbate adverse effects involving strong seismic ground shaking. Impacts would be **less than significant.**

iii) Seismic-related ground failure, including liquefaction?

Liquefaction is a geotechnical hazard that occurs when loose, unconsolidated, saturated soils are subjected to ground shaking, causing the pore pressure to exceed frictional forces resulting in the soil units behaving more like a liquid than a solid. Liquefaction hazards are generally considered to be highest in susceptible soils within 50 feet of the ground surface. If susceptible soils are present, liquefaction can cause substantive damage. Mapping compiled by the California Geological Survey indicates that the project site is not located within an area considered susceptible to liquefaction hazards in accordance with the Seismic Hazards Zonation Program (CalOES 2022). According to data reviewed for the geotechnical investigation for the project site, groundwater depths in the vicinity of the site may range from between 15 to 40 feet below ground surface (CTE 2022). However, considering the presence of medium-dense silty and clayey sands observed at the project site, combined with an absence of observed shallow groundwater and relatively low intensity of anticipated ground shaking, the potential for large settlements due to liquefaction was determined to be low (CTE 2022).

However, as noted above, the proposed project would be required to adhere to the most current version of the CBC, which includes requirements for addressing liquefaction hazards. The potential for liquefaction hazards, if present, can be addressed either through treatment of liquefiable layers or through foundation design in accordance with CBC and applicable ASCE 7 (Minimum Design Loads and Associated criteria for Buildings and Other Structures) standards. All improvements associated with the proposed project would be required to comply with the applicable version of the CBC, which includes requirements to ensure that new development would not cause or exacerbate geological and soil hazards, including liquefaction, lateral spreading (related to liquefaction), and dynamic settlement. These requirements include incorporation of recommendations from a final design-level, project-specific geotechnical report, which would evaluate the potential for liquefaction and provide recommendations to incorporate design measures, such as site preparations and foundation design measures, to minimize the potential for structural damage caused by seismic-related ground failure such as liquefaction. As such, development of the proposed project would not directly or indirectly cause or exacerbate adverse effects involving seismic-related ground failure, including liquefaction. Therefore, impacts would be **less than significant**.

a) Landslides?

The project site is relatively level and not located within an identified landslide hazard zone (CTE 2022). The areas surrounding the site are also relatively level such that the potential for landslides, induced by seismic activity or not, is considered remote. Therefore, there would be **no impact** related to landslides.

b) Would the project result in substantial soil erosion or the loss of topsoil?

Implementation of the proposed project would include earthwork activities that could expose soils to the effects of wind and water that can result in erosion and loss of topsoil. Construction activities would be required to implement an erosion and sediment control plan in accordance with the National Pollutant Discharge Elimination System (NPDES) Construction General Permit (discussed in more detail in

Section 3.10, Hydrology and Water Quality) to reduce the amount of erosion at the construction site from stormwater runoff. Adherence to the Construction General Permit would require preparation and implementation of a stormwater pollution prevention plan (SWPPP) which will include best management practices for erosion control. Implementation of these erosion control requirements would be effective in minimizing the potential for erosion and loss of topsoil.

Once construction is completed, developed portions of the project site would be occupied by pavement and landscaping with drainage features consistent with San Francisco Stormwater Management Requirements and Design Guidelines (discussed in greater detail in Section 3.10, Hydrology and Water Quality), which would serve to reduce soil erosion from stormwater during operations. Therefore, with compliance with stormwater management requirements during construction activities, and with appropriate project design, impacts related to soil erosion would be ***less than significant*** during construction and operation of the project.

c) ***Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?***

As noted above, the project site is relatively level and not located near any substantive slopes that could be susceptible to landslides on or off site. Relatedly, lateral spreading, a hazard where liquefiable materials shift towards an open face, are not considered a geotechnical hazard at the site because of the relatively flat topography (CTE 2022). The project site is located in an area of recorded subsidence, largely due to groundwater pumping and lowering of groundwater levels from drought conditions. However, the project would not include any direct pumping of groundwater beneath the site that would cause or exacerbate subsidence. Water for the project would be supplied by the City, which receives its water supply from the South San Joaquin Irrigation District (SSJID). SSJID derives its water supply from three sources: surface water diverted from the Stanislaus River at Goodwin Dam, groundwater pumped by the SSJID and private landowners, and irrigation return flows from a neighboring water district (SSJID 2021). However, surface water from the Stanislaus River provides the majority of the water supply for the City of Manteca as part of the senior pre-1914 appropriative water rights, known as the South County Water Supply Project (SCWSP). As a result, the water demands for the project would primarily be met with surface water and would have a negligible effect on groundwater levels that could cause subsidence.

Liquefaction hazards are discussed above and even though the potential for liquefaction was considered low from the geotechnical investigation, adherence to applicable building code requirements would reduce impacts to less-than-significant levels. Furthermore, development of the proposed project would not directly or indirectly cause or exacerbate any adverse effects involving liquefaction hazards.

The proposed project would be required to comply with the most current CBC, which includes requirements to ensure that new development would not cause or exacerbate geological and soil hazards, including unstable soils and collapsible soils (e.g., by ensuring that underlying materials can adequately support the loadings (i.e., weight) of new structures). These requirements include incorporation of recommendations from a final design-level, project-specific geotechnical report, which would include recommendations for grading, foundation design, and retaining walls, if warranted. Adherence to building code requirements would also ensure that all proposed improvements associated with the project are evaluated for potential unstable soils and that recommendations for site preparations (e.g., soil compaction) and/or building foundation designs to minimize the potential for settlement are incorporated into project design plans. Compliance with these recommendations consistent with building code requirements would minimize the

potential for structural damage associated with potentially unstable soils. Therefore, potential impacts would be **less than significant**.

D) Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Expansive soils, if present, can adversely affect improvements over time through cyclical volumetric changes that occur with changes in moisture that can crack foundations, pathways, and other improvements. However, according to the preliminary geotechnical investigation of the project site, expansive soils were not encountered in the exploratory borings conducted at the site (CTE 2022). As a result, the potential for adverse effects related to expansive soils would be considered **less than significant**.

e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

The proposed project would connect to the existing wastewater infrastructure for the City and would not require septic tanks or any other alternative waste water disposal system. Therefore, there would be **no impact**.

f) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Paleontological resources are the remains or traces of plants and animals that are preserved in the Earth's crust, and per the Society of Vertebrate Paleontology guidelines (SVP 2010), are older than written history or older than approximately 5,500 years. They are limited, nonrenewable resources of scientific and educational value and are afforded protection under state laws and regulations.

The proposed project is situated with the central portion of the Great Valley geomorphic province (CGS 2002). This geomorphic province is characterized by an approximately 400-mile-long by 50-mile-wide depositional basin that has received sediments since the Jurassic Period (~160 million years ago) (Cohen et al. 2022). Surficial geological mapping by the USGS (1991) at a 1:250,000 scale indicates the proposed project site is underlain by the late Pleistocene (129,000 to 11,700 years ago; Cohen et al. 2022) Modesto Formation (map unit Qm).

Geotechnical borings conducted for the proposed project encountered the Modesto Formation at all depths, from the surface to 20.5 feet below the ground surface (bgs) (CTE 2022). In general, the sediments consisted of moderately compacted silty sands to an approximate depth of 7 feet bgs, a silt layer from 7 to 12 feet bgs, clay from 12 to 16.5 feet bgs, and clayey sand from 16.5 to 21.5 feet bgs.

A paleontological records search was requested from the University of California Museum of Paleontology to determine if any fossil localities are known from within or nearby the proposed project site. The University of California Museum of Paleontology did not report any fossil localities from within the proposed project site; however, they do have nearby localities (UCMP V2016003, V2016004, and V2016005) from the Modesto Formation. These localities are located approximately 7.5 miles north of the proposed project site and were collected during realignment of California State Route 99. Collected specimens include several isolated bones and jaws of camel (*Camelops*) and bison (*Bison*) from approximately 12 feet bgs (UCMP 2023).

No paleontological resources were identified within the proposed project site as a result of the desktop geological review and paleontological review; however, the Modesto Formation has produced significant paleontological resources in the area. In addition, the Modesto Formation is not considered a unique geological feature. Given the high paleontological sensitivity of the Modesto Formation, there is the potential for paleontological resources to exist below the ground surface. As such, ground-disturbing activities within the Modesto Formation have the potential to damage or destroy paleontological resources that may be present. Such resources could be disturbed by grading and excavation activities associated with the proposed project; however, mitigation measure MM-GEO-1 ensures impacts to paleontological resources would be **less than significant with mitigation incorporated**.

Mitigation Measures: The following mitigation measure is provided to reduce the impacts to paleontological resources.

MM-GEO-1 Prior to commencement of any grading activity on site, the applicant shall retain a qualified paleontologist per the Society of Vertebrate Paleontology (SVP) (2010) guidelines. The paleontologist shall prepare a Paleontological Resources Impact Mitigation Program (PRIMP) for the project. The PRIMP shall be consistent with the SVP guidelines and should outline requirements for pre-construction meeting attendance and worker environmental awareness training; where monitoring is required within the proposed project site based on construction plans and/or geotechnical reports; procedures for adequate paleontological monitoring and discoveries treatment; and paleontological methods (including sediment sampling for microvertebrate fossils), reporting, and collections management. The PRIMP shall also include a statement that any fossil lab or curation costs (if necessary due to fossil recovery) are the responsibility of the project proponent. The qualified paleontologist shall attend the pre-construction meeting, and a qualified paleontological monitor shall be on site during all rough grading and other significant ground-disturbing activities (including augering) in previously undisturbed, fine-grained Pleistocene alluvial deposits. In the event that paleontological resources (e.g., fossils) are unearthed during grading, the paleontological monitor will temporarily halt and/or divert grading activity to allow recovery of paleontological resources. The area of discovery will be roped off with a 50-foot radius buffer. Once documentation and collection of the find is completed, the monitor will remove the rope and allow grading to recommence in the area of the find.

3.8 Greenhouse Gas Emissions

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS – Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Climate change-related impacts are considered significant if implementation of the proposed project would do any of the following:

- Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.
- Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

The vast majority of individual projects do not generate sufficient GHG emissions to create a project specific impact through a direct influence on climate change; therefore, the issue of climate change typically involves an analysis of whether a project's contribution towards an impact is cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, other current projects, and probable future projects (CEQA Guidelines, Section 15355).

The SJVAPCD has evaluated different approaches for estimating impacts and summarizing potential GHG emission reduction measures. SJVAPCD staff have concluded that "existing science is inadequate to support quantification of impacts that project specific GHG emissions have on global climatic change" (SJCAPCD 2015). This is readily understood when one considers that global climatic change is the result of the sum total of GHG emissions, both human-made and natural, that occurred in the past, is occurring now, and will occur in the future. The effects of project-specific GHG emissions are cumulative, and unless reduced or mitigated, their incremental contribution to global climatic change could be considered significant.

The Final Draft Guidance for Assessing and Mitigating Air Quality Impacts (SJVAPCD 2015) provides an approach to assessing a project's impacts on GHG emissions by evaluating the project's emissions to the "reduction targets" established in CARB's AB 32 Scoping Plan. For instance, the SJVACD guidance recommends that projects should demonstrate that "project specific GHG emissions would be reduced or mitigated by at least 29%, compared to Business as Usual (BAU), including GHG emission reductions achieved since the 2002-2004 baseline period, consistent with GHG emission reduction targets established in [CARB's] AB 32 Scoping Plan. Projects achieving at least a 29% GHG emission reduction compared to BAU would be determined to have a less than significant individual and cumulative impact for GHG" (SJVAPCD 2015).

Subsequent to the SJVAPCD's approval of the Final Draft Guidance for Assessing and Mitigating Air Quality Impacts (SJVAPCD 2015), the California Supreme Court issued an opinion that affects the conclusions that should/should not be drawn from a GHG emissions analysis that is based on consistency with the AB 32 Scoping Plan. More specifically, in *Center for Biological Diversity v. California Department of Fish and Wildlife*, the court ruled that showing a "project-level reduction" that meets or exceeds the Scoping Plan's overall statewide GHG reduction goal

is not necessarily sufficient to show that the project's GHG impacts will be adequately mitigated: "the Scoping Plan nowhere related that statewide level of reduction effort to the percentage of reduction that would or should be required from individual projects." According to the court, the lead agency cannot simply assume that the overall level of effort required to achieve the statewide goal for emissions reductions will suffice for a specific project.

Given this California Supreme Court decision, reliance on a 29% GHG emissions reduction from projected BAU levels compared to the project's estimated 2020 levels as recommended in the SJVAPCD guidance documents will not be the basis for an impact conclusion in this EIR. Given that SJVAPCD staff concluded that "existing science is inadequate to support quantification of impacts that project specific GHG emissions have on global climatic change," this EIR will instead rely on a qualitative approach for this analysis. Specifically, the analysis relies on an assessment of the proposed project for consistency with the City of Manteca Climate Action Plan (CAP), which is specifically designed to reduce GHG emissions in accordance with the GHG emission reduction targets identified by the State of California in the CARB Scoping Plan. Additionally, a qualitative analysis of the proposed project's consistency with other relevant planning documents and relevant laws is provided herein.

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

b) Would the project generate conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Construction Emissions

Construction of the project would result in GHG emissions, which are primarily associated with use of off-road construction equipment, on-road vendor trucks, and worker vehicles. As stated above, the SJVAPCD recommends that construction emissions be amortized over a 30-year project lifetime; therefore, the total construction GHG emissions were calculated, amortized over 30 years, and then added to operational GHG emissions.

CalEEMod was used to estimate GHG emissions during construction. Construction of the project is anticipated to last up to 13 months. On-site sources of GHG emissions include off-road equipment and off-site sources include on-road vehicles (vendor trucks and worker vehicles). Table 5 presents construction GHG emissions for the project from on-site and off-site emission sources.

Table 5. Estimated Annual Construction GHG Emissions – Project

Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons			
2023	168.00	0.01	0.00	168.00
2024	112.00	0.00	0.00	113.00
			Total	**281.00**
			Annualized emissions over 30 years (metric tons per year)	***9.37***

Notes: GHG = greenhouse gas; CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent.
See Appendix A for complete results.

As shown in Table 5, the estimated total GHG emissions during construction of the project would be approximately 281 metric tons of carbon dioxide equivalent (MT CO_2e). Estimated project-generated

construction emissions amortized over 30 years would be approximately 9 MT CO_2e per year. As with project-generated construction air quality pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions.

Operational Emissions

CalEEMod was used to estimate potential project-generated operational GHG emissions from area sources, energy sources (electricity), mobile sources, off-road equipment, solid waste, and water and wastewater. Emissions from each category are discussed in the following section with respect to the project. Operational year 2024 was assumed as the first year of operation. Table 6 shows the estimated operational emissions from the project.

Table 6. Estimated Annual Operation GHG Emissions – Project

Emissions Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Area	0.21	0.00	0.00	0.21
Energy	91.20	0.01	0.00	91.70
Mobile	3,323.00	0.27	0.22	3,400.00
Refrigerants	0.00	0.00	0.00	79.20
Waste	7.96	0.80	0.00	27.80
Water	1.65	0.08	0.00	4.34
			Amortized construction emissions	*9.37*
			Total	3,612.62

Notes: GHG = greenhouse gas; CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent.
See Appendix A for complete results.

As shown in Table 6, the estimated total GHG emissions during operation of the project would be approximately 3,613 MT CO_2e per year, including amortized construction emissions.

Project Consistency with the Manteca CAP

The project's consistency with relevant policies in the City of Manteca's CAP is shown below in Table 7.

Table 7. Project Consistency with the Manteca CAP

Policy Number	Strategy	Consistency Determination
CD-1	The City shall encourage projects consistent with the development densities allowed by the General Plan and are contiguous to existing development meet compact development criteria.	**Consistent:** The project is consistent with the development densities allowed by the General Plan.
CD-2	The City shall encourage projects that are at or near the maximum densities allowed by the General Plan and zoning designations to achieve more compact development.	**Consistent:** The project is consistent with the development densities allowed by the General Plan.

Table 7. Project Consistency with the Manteca CAP

Policy Number	Strategy	Consistency Determination
POD-3	The City shall require all commercial projects to design parking lots to allow safe and comfortable walking routes between businesses within the development. This can be accomplished using pavement treatments and markings, sidewalks, landscaping, signage, and orientation of the buildings.	**Consistent:** The project is designed to included safe and comfortable walking routes within the parking lot on site.
EV-1	The City shall encourage and support the installation of electric charging facilities funded as a public-private partnership in City-operated parking facilities when grant funding is available.	**Consistent:** The project would include at least seven electric vehicle (EV) charging stations.
ENB-1	The City shall require developers to exceed Title 24 energy efficiency standards by at least 10%. The City recognizes that it may not be feasible for all buildings and structures to exceed Title 24 by this amount because of the form or function of the building. Projects that cannot meet the reduction level may provide solar panels or other non-building-related energy efficiency measures such as exterior lighting or water savings.	**Consistent:** The project meets the intent of this CAP policy and would reduce energy use by 10% compared to Title 24 through use of Energy Star appliances, LED lighting, and/or solar panels on site.
SG-1	The City shall encourage development projects to provide solar power as part of their strategy to reduce greenhouse gas emissions.	**Consistent:** The project meets the intent of this CAP policy and would include solar panels on site.
WC-1	The City shall continue to implement water conservation measures to comply with the Model Water Efficient Landscape requirements that implement the Water Conservation in Landscaping Act of 2006 (Assembly Bill 1881, Laird).	**Consistent:** The project would install low-flow fixtures in the buildings, use water-efficient irrigation, and recycle and reuse water from the car wash.
W-1	The City shall require new multifamily and commercial development projects to provide adequate locations to segregate recyclable materials.	**Consistent:** The project would include waste enclosures on site for refuse, green waste, and recycling.
WW-1	The City shall support the use of recycled water for appropriate uses consistent with State standards when benefits outweigh system costs.	**Consistent:** The project's car wash would recycle and reuse water on site to minimize the use of potable water for car washing.

Source: City of Manteca 2013.

Project Consistency with the San Joaquin Council of Governments' 2018 Regional Transportation Plan and Sustainable Communities Strategy

In addition, the proposed project would not conflict with the implementation of regional transportation-related GHG targets outlined in San Joaquin Council of Governments' (SJCOG) 2018 Regional Transportation Plan and Sustainable Communities Strategy (2018 RTP/SCS). The 2018 RTP/SCS includes the Northwest Airport Way Master Plan in their population and employment projections, and VMT increases associated with buildout of the City of Manteca.

Conclusion

Overall, the proposed project would be consistent with the strategies as described in the City of Manteca CAP and it functions as an implementation project toward achieving the City's CAP. Since the proposed project would not conflict with the Manteca CAP (including consistency with the growth projections generated by the Manteca CAP or SJCOG's RTP/SCS), the proposed project would not generate a significant cumulative impact to GHGs. The proposed project would not generate GHG emissions that would have a significant impact on the environment or conflict with any applicable plans, policies, or regulations. Therefore, impacts related to GHGs are **less than significant**.

3.9 Hazards and Hazardous Materials

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS – Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d) Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

The proposed project would require the regular transport of hazardous materials, including gasoline and diesel fuel. As a result, the proposed project could result in potentially adverse impacts to people and the environment as a result of hazardous materials being released into the environment (e.g., operators or motorists could spill gasoline while refueling). However, the proposed project would be required to operate in compliance with all with applicable federal, state, and local requirements that regulate gas stations, which would lessen the potential for these impacts. This would include Section 2540.7 of the California Occupational Safety and Health

Administration Regulations (Gasoline Dispensing and Service Stations) and Chapter 38 of the California Fire Code (Liquefied Petroleum Gases). Additionally, the City's General Plan Safety Element provides several policies and implementation measures (IM) related to hazardous materials (City of Manteca 2016). IM S-1-9 would require that businesses manufacturing, storing, using, or transporting significant quantities of hazardous materials annually identify such materials and their quantities, and IM S-I-10 would require the submittal of such lists to the City and Fire Department. During construction, the storage and handling of hazardous materials would occur in accordance with standard construction best management practices (BMPs) to minimize the potential for spill or release and ensure that any such spill or release would be controlled on site. Standard construction BMPs include storing all hazardous materials inside buildings or under other cover, vehicle specifications for hazardous material transport and disposal, procedures for safe storage, and training requirements for those handling hazardous materials.

Compliance with these regulations, policies, and BMPs would ensure that impacts related to the creation of significant hazards to the public through routine transport, use, and disposal of hazardous materials, or accident conditions involving the release of hazardous materials would be **less than significant**.

b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Refer to answer provided in 'a' above.

c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

The closest school to the project site is George McParland Elementary, which is approximately 0.6 miles southeast of the site. The proposed project would not be within 0.25 miles of a school and would comply with all relevant regulations, policies, and BMPs regarding the handling of hazardous materials, as discussed under 'a' above. Therefore, the project would have a **less-than-significant impact** regarding exposure of schools to hazards or hazardous materials.

d) Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Pursuant to Government Code Section 65962.5, the State of California Hazardous Waste and Substances Site List (also known as the "Cortese List") is a planning document used by state and local agencies and developers to comply with CEQA requirements in providing information about the location of hazardous materials sites. According to the Department of Toxic Substances Control EnviroStor database, the project site does not contain any hazardous materials sites or cleanup sites (DTSC 2023). There are several cleanup sites located near the project, most notably a federal Superfund site located 1.2 miles northwest associated with the former Sharpe Army Depot, which repaired and reconditioned heavy equipment and aircraft until 1976 (DTSC 2023). However, the Sharpe Army Depot site is currently undergoing active cleanup, and the proposed project would not interfere with these efforts. Impacts would be **less than significant**.

e) ***For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?***

There are no airports within the City, and the nearest airport (Stockton Municipal Airport) is located approximately 7 miles north of the project site. The project site is not located within an airport land use plan and is not within 2 miles of a public airport or public use airport. Therefore, the likelihood of exposure to aviation hazards is very low, and there would be **no impact**.

f) ***Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?***

Access to the project site would be provided by three driveways: one with full access on Airport Way, one with right-in/right-out only access on Lathrop Road, and one with full access on Lathrop Road. Project plans would be submitted to the City's Fire Department for review and approval to ensure that emergency access is sufficient at the site. The proposed project would comply with California Fire Code requirements for emergency access, which would ensure that the project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Therefore, the project would have a **less-than-significant impact.**

g) ***Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?***

The project site consists of flat, undeveloped land lacking trees and vegetation. The project is located near other vacant parcels, such as the parcel to the north across Lathrop Way, but is in an area being increasingly developed with urban uses. The project site is within a Local Responsibility Area not designated as a Very High Fire Hazard Safety Zone by the California Department of Forestry and Fire Protection (CAL FIRE); the closest Very High Fire Hazard Safety Zones are more than 16 miles away south of the City of Tracy (CAL FIRE 2022). Therefore, it is unlikely that the proposed project would expose people or structures to a significant risk of loss, injury or death involving wildland fires, and impacts would be **less than significant.**

3.10 Hydrology and Water Quality

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY – Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

a) Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Construction

Project construction would require earth-disturbing activities, including grading, excavation, and temporary stockpiling of soil prior to backfilling, which could expose disturbed areas to rainfall and stormwater runoff that can adversely affect water quality of receiving waters if not managed appropriately. In addition, accidental/incidental spills of construction-related contaminants (e.g., fuels and oils) could occur during grading and construction, thereby degrading water quality. However, all grading and associated earthwork activities would be completed in compliance with the General Construction Activity NPDES Permit (Order No. 2009-0009-DWQ, as amended by Order No. 2010-0014-DWQ, NDPES No. CAS000002) (i.e., Construction General Permit), which requires the construction contractor to prepare and comply with a SWPPP. The SWPPP would include erosion control measures such as covering exposed soil stockpiles, protecting the perimeter of the construction site with sediment barriers, and protecting storm drain inlets. The SWPPP must also include water quality protection measures with respect to incidental spills of petroleum products and hazardous materials, including secondary containment of fluid containers, storing fluid containers indoors during rain events, placing drip pans under equipment when not in use, and designating specific areas for equipment fueling and maintenance with

surrounding spill containment booms. With implementation of erosion and spill control measures stipulated in a project-specific SWPPP, impacts related to water quality and waste discharge requirements associated with project grading and construction would be **less than significant**.

Operations

Once constructed, the proposed project would introduce a substantial increase in the amount of impervious surfaces, would involve bulk transfer of petroleum fuels on site, and would include operation of a car wash, all of which represent potential sources of polluted runoff that can adversely affect receiving waters. Incidental spills of fuels, oils, and grease from vehicles in the parking lot or from operation of fueling activities could adversely impact surface water quality. The project operations would be completed in accordance with the Central Valley Region-wide Municipal Separate Storm Sewer System (MS4) Permit (State Water Resources Control Board Order R5-2016-0040 NPDES No. CAS0085324, adopted June 23, 2016). This permit regulates discharges of stormwater and authorized non-stormwater from MS4s and provides a management strategy for controlling the discharge of pollutants to the maximum extent practicable. In accordance with the requirements of the MS4 Permit, the City has collaborated with the Cities of Lathrop, Lodi, Patterson, and Tracy, as well as with portions of the San Joaquin County to adopt the 2015 Multi-Agency Post-Construction Stormwater Standards Manual (Manual) to assist in complying with the requirements of the MS4 Permit. As part of the project design plans, the proposed project would be required to include stormwater drainage control features that are consistent with the Manual and MS4 Permit requirements. These features would include post-construction drainage control features such as low impact development (LID) measures that promote on-site infiltration such as bioswales, retention/detention basins, and use of landscaping in drainage control. In addition, drainage control features would be consistent with the Best Management Practice Guide for Retail Gasoline Outlets that was prepared by the California Stormwater Quality Task Force and applicable Regional Water Quality Control Board requirements that include post-construction BMPs specific to retail gasoline service station operations. Other regulatory requirements that would minimize potential adverse water quality effects would be compliance with Section 2540.7 of the California Occupational Safety and Health Administration Regulations (Gasoline Dispensing and Service Stations) and Chapter 38 of the California Fire Code (Liquefied Petroleum Gases) which are designed to ensure that unauthorized releases are minimized (see also discussion in Section 3.9 Hazards and Hazardous Materials, above). In addition, the car wash facility would include clarifiers and drainage features to protect water quality. Implementation of these post-construction BMPs would ensure that off-site discharge of stormwater pollutants is minimized, and stormwater quality impacts would be reduced to **less than significant**.

b) Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Water supply for the proposed project would be provided by the City, which obtains its water from the SSJID. The SSJID primarily sources its water through a senior pre-1914 appropriative water rights, known as the SCWSP. As a result, the water demands for the project would primarily be met with surface water and would have a negligible effect on groundwater levels or groundwater supplies. The proposed project would substantially increase the amount of impervious surfaces at the site, which could potentially decrease the areas of the site that currently allow for on-site infiltration. However, as mentioned above, the proposed project would be required to adhere to the City's drainage control requirements and the MS4 Permit. LID drainage control features that comply with the Stormwater Standards Manual would include features that allow for on-site infiltration of collected stormwater runoff to the extent feasible. Therefore, although new impervious surfaces would be introduced at the site, the inclusion of stormwater control features that allow

for on-site infiltration would minimize the amount of runoff discharged off site and continue to permit groundwater recharge such that the potential impact would be considered **less than significant.**

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) Result in substantial erosion or siltation on- or off-site?

Construction and grading activities associated with development of the proposed project would require temporary disturbance of underlying soils through excavation, soil stockpiling, and/or grading activities that disturb existing vegetation and surface soils. These activities could result in exposure of soil to the effects of wind and water erosion, potentially causing entrainment of sediment and contaminants in the runoff if not managed appropriately. However, because the proposed development would disturb 1 acre or more, the project applicant would be required to prepare and implement a SWPPP in accordance with the NPDES General Construction Permit. The SWPPP would be required to include BMPs that would include erosion control measures such as those listed below, which are illustrative of typical construction measures:

- Excavation and grading activities would be limited to the dry season only (April 15 to October 15), to the extent possible. This would reduce the chance of severe erosion from intense rainfall and surface runoff, as well as the potential for soil saturation in swale areas.
- If excavation does occur during the rainy season, stormwater runoff from the construction area can be regulated through a stormwater management/erosion control plan that may include temporary on-site silt traps and/or basins with multiple discharge points to natural drainages and energy dissipaters. Stockpiles of loose material are generally covered and runoff diverted away from exposed soil material. Sediment basin/traps would be located and operated to minimize the amount of off-site sediment transport. Any trapped sediment would be removed from the basin or trap and placed at a suitable location on site, away from concentrated flows, or removed to an approved disposal site.
- Temporary erosion control measures would be provided until perennial revegetation or landscaping is established and can minimize discharge of sediment into receiving waterways.
- After completion of grading, erosion protection would be provided on all exposed soils either by revegetation or placement of impervious surfaces. Revegetation would be facilitated by mulching, hydroseeding, or other methods and initiated as soon as possible after completion of grading and prior to the onset of the rainy season (by October 15).
- Permanent revegetation/landscaping would emphasize drought-tolerant perennial ground coverings, shrubs, and trees.
- BMPs selected and implemented for a future project would be in place and operational prior to the onset of major earthwork on the site. The construction phase facilities would be maintained regularly and cleared of accumulated sediment as necessary.
- Hazardous materials such as fuels and solvents used on the construction sites would be stored in covered containers and protected from rainfall, runoff, and vandalism. A stockpile of spill cleanup materials would be readily available at all construction sites. Employees shall be trained in spill prevention and cleanup, and individuals should be designated as responsible for prevention and cleanup activities.

Implementation of the required SWPPP in accordance with the NPDES General Construction permit would ensure that the potential for erosion or siltation is reduced to **less than significant.**

Once constructed, the site would be predominantly covered in impervious surfaces with some vegetated landscaping and as such soils would no longer be exposed to the effects of erosion. As a result, the potential impacts related to erosion or siltation during operation would be **less than significant.**

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite?

As noted above, the project site is currently largely pervious, and development of the project would substantially increase the amount of impervious surfaces. Increases in impervious surfaces can lead to increases in the rate and amount of surface runoff resulting in potential flooding issues on or off site if drainage control measures are not implemented. However, as discussed above, the proposed project would be required to adhere to the City's drainage control requirements and the MS4 Permit. Adherence to these requirements would include implementation of LID drainage control features that promote on-site infiltration of collected stormwater runoff as well as retention or detention basins that can appropriately manage peak storm flows such that the potential for flooding on or off site is minimized. Therefore, although new impervious surfaces would be introduced at the site, the inclusion of stormwater control consistent with the City's requirements and MS4 Permit requirements would be effective in controlling peak flows such that the potential impact related to flooding would be considered **less than significant.**

iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

As described above, while the overall drainage pattern would change with the addition of new impervious surfaces, the project would include drainage control features that are consistent with City requirements and the guidance Manual. The City requirements were developed to meet MS4 Permit requirements and address not only water quality but also water quantity requirements to ensure that adverse effects would not occur. The implementation of required LID drainage features would provide on-site infiltration and/or onsite retention/detention of stormwater runoff to ensure that peak stormwater runoff flows do not create adverse effects downstream. Compliance with City drainage control requirements would be effective in reducing post-construction stormwater runoff rates such that runoff water would not exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Impacts would be **less than significant.**

iv) Impede or redirect flood flows?

According to data compiled by the Federal Emergency Management Agency, the project site is not located within an identified flood hazard area (FEMA 2022). As a result, construction and operation of the proposed project would not impede or redirect flood flows and the potential impact would be considered **less than significant.**

d) In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?

As described above, the project site is not located within a flood hazard zone as identified by the Federal Emergency Management Agency (FEMA 2022). The project site is also located well over 60 miles from the ocean and thus is not susceptible to tsunami inundation hazards. There are no enclosed or semi-enclosed bodies of water within the vicinity of the project site such that there would be no risk of seiche wave hazards.

Project operations would involve the transfer and storage of bulk quantities of petroleum fuels. However, the risk of upset or accidental release is discussed in Section 3.9, Hazards and Hazardous Materials, and risks would be minimized with adherence to existing regulatory requirements. Therefore, project construction and operation would not substantively risk release of pollutants due to inundation, and the potential impacts would be considered **less than significant**.

e) Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

As discussed above, project construction would be required to adhere to NPDES General Construction Permit requirements that include preparation and implementation of a SWPPP and identified BMPs. Implementation of the SWPPP as well as applicable post-construction BMPs would be consistent with NPDES MS4 requirements in accordance with the Central Valley Regional Water Quality Control Plan (Basin Plan). As a result, the proposed project would not conflict with or obstruct the Basin and impacts would be **less than significant.**

The project site is located within the San Joaquin Valley, Eastern San Joaquin groundwater basin, which is considered by the California Department of Water Resources to be a high priority basin where groundwater levels are declining, and the basin is considered to be in critical overdraft (DWR 2022). However, as discussed above, the water supply needs for the proposed project would be supplied by the City water supply, which supplies its water primarily with surface water from the Stanislaus River. As a result, the proposed project would not conflict with a sustainable groundwater management plan, and the potential impact would be **less than significant.**

3.11 Land Use and Planning

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING – Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

a) Would the project physically divide an established community?

The project site is currently undeveloped and does not contain any buildings or structures. The proposed project would not divide an established community because there are no established communities on site, and access to nearby roads would not be impaired. Therefore, the proposed project would result in **no impact**.

b) Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

The proposed project would be consistent with the Neighborhood Commercial land use designation and zoning. According to the City's General Plan, the Neighborhood Commercial land use designation provides for "locally oriented retail and service uses, offices, restaurants, and service stations, public and quasi-public uses and similar and compatible uses" (City of Manteca 2003). A gas station with a convenience store, restaurants, and a car wash would be compatible with this designation. The City Code does not specify requirements for density or minimum open space for the Neighborhood Commercial Zone but does specify a maximum height of 45 feet and a maximum floor area ratio of 0.6. As currently designed, the project includes buildings with a maximum height of 29 feet and 16,946 square feet of building space on a 134,164-square-foot parcel, which would be a floor area ratio of approximately 0.12.

City Code Table 17.26.02-1 states that "when adjacent to a residential district, all structures shall at a minimum be (set back) 40 feet when a commercial or industrial zoned parcel shares a property line with an adjacent residential district." However, the City can reduce this setback upon finding compliance with performance standards in City Code Chapter 17.58:

- The use, handling, storage, and transportation of hazardous materials shall comply with all applicable state laws, and appropriate information shall be reported to Manteca Fire Department (MFD) as the regulatory authority.
- The maximum sound level generated by the project shall not exceed the levels established in Table 17.58.050-1 (Maximum Permissible Sound Pressure Levels).
- No vibration shall be produced that is transmitted through the ground and is discernible without the aid of instruments, would cause discomfort or annoyance to reasonable persons of normal sensitivity, or would endanger nearby residents.
- Sources of odorous emissions, particulate matter, and air containment standards shall comply with the rules and regulations of the SJVAPCD and the California Health and Safety Code.
- No discharge of any matter shall be permitted at any point into any public sewer, private sewage system, or stream or into the ground, except in accordance with standards approved by the state and county departments of health and local ordinances.

As discussed in the appropriate technical sections of this Initial Study, the proposed project would comply with the above performance standards. There are several standards in Chapter 17.58 that do not apply to the project, such as those related to heat generation or radioactivity,

The project would be consistent with other applicable City Code standards such as those regarding landscaping (Chapter 17.48 of the City Code) and lighting (Chapter 17.50 of the City Code). Accordingly, the project would have no impact regarding potential conflicts with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

3.12 Mineral Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES – Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

a) ***Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?***

The California Department of Conservation, Division of Mines and Geology has not identified significant mineral resources within the project site. The project site is classified as being within Mineral Resource Zone 1 (MRZ-1), which refers to areas where available geologic information indicates that little likelihood exists for the presence of significant mineral resources (CGS 2012). Therefore, the project would not result in the loss of mineral resources of local or statewide importance, and there would be **no impact**.

b) ***Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?***

Refer to answer provided in 'a' above.

3.13 Noise

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NOISE – Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Dudek prepared a noise technical memorandum for the proposed project in January 2023, included as Appendix F to this Initial Study. Short-term (e.g., less than 1 hour in duration) sound pressure level measurements were conducted adjacent to several residential land uses in the project vicinity to characterize the existing exterior ambient noise levels at these residences that could be impacted by the project's contribution to on-site noise sources or project-related traffic on area roadways. The results of this report are referenced in the impact analyses below.

a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Construction

A noise analysis was performed with a Microsoft Excel–based noise prediction model emulating and using reference data from the Federal Highway Administration Roadway Construction Noise Model. Input variables consist of the receiver/land use types, the equipment type (e.g., backhoe, crane, truck), the number of equipment pieces, the duty cycle for each piece of equipment (i.e., percentage of each hour the equipment typically works), and the distance from the sensitive noise (Appendix F). Results showed that while the adjacent residences could be exposed to construction noise levels that are noticeable compared to ambient levels, the exposure would be short term, would occur during the less sensitive daytime period, and would cease upon proposed project construction completion. In addition, construction noise levels are predicted to be no more than 54 A-weighted decibels (dBA) equivalent continuous sound level (L_{eq}) within the interior of the closest residences, which should not interfere with conversations or other daytime routine activities for residents. Therefore, construction noise would remain **less than significan**t, and would not be anticipated to result in a nuisance.

Operation

Appendix F includes an analysis of noise emission from simultaneous operation of the total suite of equipment at the facility. Operation noise levels were modeled at each studied receiver from a worst-case scenario with all equipment continuously operating simultaneously, which would not be anticipated to occur under actual operational conditions, but which provides an extremely conservative assessment (i.e., the identified resulting sound levels overestimate what would be likely to occur under representative operating parameters). Results showed that the predicted operational noise level would fall below the applicable nighttime maximum allowable noise limit. As such, the noise from the proposed project operations would

comply with maximum permissible sound pressure levels specified in City Code Section 17.58.50. In each case, project operational noise would be well below the ambient noise level at each of the modeled receivers. Adding the project operational noise level to the ambient noise level at each receiver would result in less than a 1 dBA increase, which would be well below a noticeable change. Therefore, the project as proposed would be expected to achieve compliance with the requirements of the City Code Section 17.58.50 limits, and project operations would not result in an increase over ambient noise levels at the existing nearby residential and commercial uses. Impacts would be **less than significant.**

Traffic Noise

Appendix F includes modeling of traffic noise exposure along Lathrop Road and Airport Way, the roadways to which the project would principally add trips. The four studied traffic scenarios allow the direct determination of project-related traffic noise increases, by comparing "existing" to "existing plus project" and by comparing "cumulative developments" to "cumulative developments plus project." Results determined that operation of the project would involve trip generation resulting in traffic noise level increases on each roadway segment of no more than 0.2 dBA Community Noise Equivalent Level, which would not be discernible to the human ear. Therefore, project would not have a considerable contribution to traffic noise levels that could already exceed recommended levels at vicinity residences. Impacts would be **less than significant.**

b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

Construction activity can result in varying degrees of ground vibration at local receptors, depending on the equipment and methods used, distance to the affected structures, and soil type. The California Department of Transportation provides ground vibration levels associated with various types of construction equipment (Caltrans 2020). Using this data, project construction-related vibration impacts were estimated at the closest residence. The closest residence is approximately 35 feet east or south from the project site property line and future construction zone boundary. Project construction-related vibration levels at the residence closest to the project would, in all cases, represent less than 50% of the significance threshold for human annoyance (0.24 peak particle velocity in/sec). The threshold for structural damage to typical residential structures is even higher (0.5 peak particle velocity in/sec). As such, project construction would have no potential to cause structural damage to the closest residences, or to result in annoyance for the occupants of such residences. Impacts would be **less than significant.**

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

There are no airports within the City, and the nearest airport (Stockton Municipal Airport) is located approximately 7 miles north of the project site. The project site is not located within the vicinity of a private airstrip, within an airport land use plan, and is not within 2 miles of a public airport or public use airport. Therefore, the likelihood of exposure to excessive aviation noise is very low, and there would be **no impact**.

3.14 Population and Housing

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. POPULATION AND HOUSING – Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

a) ***Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?***

The project site is undeveloped and does not include any housing or residents. The closest residences are located adjacent to the eastern and southern boundaries of the proposed project site. The project would include a new convenience store, restaurant, gas station, and car wash that would be staffed by new employees. The number of new employees resulting from the project is speculative at this time but would not be great enough to induce substantial population growth resulting in the need to construct new homes and provide new services for this new population. It is also anticipated that these new positions would be filled by people already residing in the region. The project does not propose any homes or extension of roads or infrastructure. Additionally, the proposed project is consistent with the Neighborhood Commercial land use designation in the General Plan and can be considered planned growth assumed under the General Plan. Therefore, the proposed project would not induce substantial population growth and would result in a **less-than-significant impact**.

b) ***Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?***

The project site is undeveloped and does not include any housing or residents. No housing or residents would be displaced by the proposed project; therefore, the project would have **no impact** on housing or require construction of new housing.

3.15 Public Services

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES – Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
Fire protection?	☐	☐	☒	☐
Police protection?	☐	☐	☒	☐
Schools?	☐	☐	☐	☒
Parks?	☐	☐	☐	☒

a) ***Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:***

Fire protection?

The project site is currently under the jurisdiction of the MFD, a full-service fire department that operates out of five facilities strategically located in the City. As a full-service fire department, MFD provides fire protection, emergency medical care, hazardous materials response, and emergency operations oversight. The nearest fire station to the project site is Manteca Fire Station no. 4 located at 1465 Lathrop Road, approximately 0.6 miles east of the project site.

The City receives funds for the provision of public services through development fees, property taxes, and connection and usage fees. Impact fees from new development are collected based upon projected impacts from each development. The adequacy of impact fees is reviewed on an annual basis to ensure that the fee is commensurate with the service. Payment of applicable impact fees by new development, and ongoing revenues that would come from property taxes, sales taxes, and other revenues generated by the proposed project, would fund capital and labor costs associated with fire protection services (City of Manteca 2011). Payment of such fees would ensure that the proposed project would not cause substantial adverse physical impact associated with the provision of new or physically alternated fire facilities. Additionally, the proposed project would not be growth-inducing and therefore would not impact MFD service ratios or response times. The project would be constructed consistent with California Fire Code requirements for emergency access as directed by the MFD's preliminary review. Therefore, the proposed project would result in a **less-than-significant impact**.

Police protection?

The project site is currently under the jurisdiction of the Manteca Police Department, which operates out of its headquarters located at 1001 W. Center Street, approximately 2.15 miles southeast of the project site. As discussed above, the City receives funds for the provision of public services through development fees, property taxes, and connection and usage fees. Payment of applicable fees would fund capital and labor costs associated with police protection services. Additionally, the project would not be growth-inducing and therefore would not impact Manteca Police Department service ratios or response times. No new or physically altered government facilities would be required to serve the proposed project. Therefore, the proposed project would result in a **less-than-significant impact**.

Schools?

All new residential and commercial development in the City is required to pay a developer impact fee to fund school improvement projects. The proposed project does not include any residential uses that would increase the number of school-age children, but it is still required to pay required developer fees to mitigate impacts to school facilities, in accordance with Policy PF-P-33 of the City's General Plan (City of Manteca 2003). Payment of development fees is considered to fully mitigate the impacts of new development on school facilities under Section 65996 of the California Government Code. For this reason, **no impact** on schools would occur.

Parks or other public facilities?

The proposed project does not include any residential uses that would substantially increase demand for parks or public facilities. As discussed previously, the project would not induce substantial population growth. The project would not introduce a new population to the City needing access to parks or other public facilities or services. Therefore, **no impact** on parks other public facilities would occur.

3.16 Recreation

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

The project involves development of a gas station with a car wash, convenience store, retail building, and restaurants to serve existing residents of the City. The operation of these land uses would not induce population growth within the City that would create an increase in use of recreation facilities, such that physical deterioration of the facilities would occur or be accelerated. Therefore, **no impact** to recreational facilities would occur.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

The proposed project does not include any recreational facilities. The development and operation of the project would not induce substantial population growth that could increase demand for existing park or recreational facilities, such that the construction of new or expansion of existing recreational facilities would be required. Therefore, **no impact** to recreational facilities would occur.

3.17 Transportation

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. TRANSPORTATION – Would the project:				
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	☒	☐
b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☒	☐	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

This section analyzes the potential transportation impacts of the project per the CEQA transportation significance criteria above. The analysis of transportation impacts summarized below is primarily based on the Airport Plaza Transportation Impact Study prepared by Fehr & Peers (October 2022) and included in Appendix D. Notably, this section focuses on the recently adopted VMT metric for determining the significance of transportation impacts based on CEQA Guidelines Section 15064.3(b) and Senate Bill (SB) 743. Pursuant to SB 743, the focus of transportation analysis changed from LOS or vehicle delay to VMT.

Existing Conditions

The project site is located on the southeast corner of the signalized intersection of Airport Way/Lathrop Road. Adjacent to the project site, Airport Way is currently a two-lane (one lane in each direction) divided (with a center

two-way left-turn lane) roadway south of Lathrop Road. Lathrop Road is also a two-lane, divided roadway east of Airport Way. Both Airport Way and Lathrop Road in the project vicinity are designated as four-lane major roadways in the City's Circulation Element (City of Manteca 2003).

All legs of the Airport Way/Lathrop Road intersection have crosswalks with push-button activation. The southeast, northwest, and northeast corners of the intersection feature small, paved areas where pedestrians may wait. However, no Americans with Disability Act (ADA)-compliant ramps are provided, and sidewalks currently do not connect to any of these crosswalks. A sidewalk exists on the east side of Airport Way from the south boundary of the project site to Hastings Drive, and on the south side of Lathrop Road from the project site to London Avenue. There are currently no bicycle facilities along Airport Way or Lathrop Road. Planned bicycle facilities in the City's Active Transportation Plan (ATP) near the project area include Class II buffered bike lanes along Airport Way and Class II bike lanes along Lathrop Road.

Manteca Transit operates fixed-route and Dial-a-Ride bus service with stops throughout the City. The nearest bus stop is on London Avenue at Copeland Way in front of Chadwick Park, an approximately 0.5-mile walk to the east of the project site. This stop serves Manteca Transit Route 3, which provides weekday and Saturday fixed-route service. Route 3 follows a counterclockwise path covering the northwest portion of Manteca, serving schools, parks, and shopping centers along North Main Street, Louise Avenue, Northgate Drive, Crom Street, and Yosemite Avenue. Dial-a-Ride service is provided in the area encompassing most of the built-out area in the Woodbridge neighborhood.

Project Traffic

Since the project site consists of several complimentary uses that could result in internal trip-making, trip generation estimates were prepared using a combination of Trip Generation,11th Edition (ITE 2021) and the Mixed-Use Trip Generation Model (MXD+), which was originally developed for the U.S. Environmental Protection Agency to estimate internal trip-making and external trips made by non-auto travel modes. Because land uses such as gas stations and fast-food restaurants attract pass-by trips, pass-by trips are also considered in project trip generation. Pass-by trips represent drivers already travelling on the street adjacent to the project on (Airport Way and Lathrop Road) that decide to patronize the project site. Therefore, pass-by trips are not generated by the project but are existing vehicles on the roadway facility.

Table 8 presents the estimated AM and PM peak hour vehicle trips created by the proposed project. Along with internal trips estimated by MXD+, these estimates also consider pass-by trips. While the project would generate substantial numbers of entering/exiting trips, more than 62% of those trips would be pass-by based on the nature of the land uses proposed.

Table 8. Project Trip Generation

Land Use Type (ITE Land Use Code)	Units	AM Peak Hour[1]			PM Peak Hour[1]		
		In	Out	Total	In	Out	Total
Convenience Store/Gas Station (945)	16 FPs	128	128	257	147	147	294
Automated Car Wash (948)[2]	1 tunnel	0	0	0	0	0	0
Strip Retail Plaza (822)	5.7 TSF	8	5	14	19	19	38
Fast-Food Restaurant w/ Drive Thru (934)	2.5 TSF	57	55	112	43	40	83
High-Turnover (Sit-Down) Restaurant (932)	4.0 TSF	21	17	38	22	14	36
	Gross Trips	**214**	**206**	**420**	**231**	**220**	**451**

Table 8. Project Trip Generation

Land Use Type (ITE Land Use Code)	Units	AM Peak Hour[1]			PM Peak Hour[1]		
		In	Out	Total	In	Out	Total
Internal Trips[3]		-6	-6	-12	-8	-8	-16
Pass-by Trips[4]		-130	-130	-260	-142	-142	-284
New Vehicle Trips		78	70	148	81	70	151

Source: Appendix D.
Notes: FP = fueling position; TSF = thousand square feet
1 Based on average trip rates in the Trip Generation Manual, 11th Edition (ITE 2021).
2 The car wash is part of the gas station/convenience market and not a standalone use that would draw its own clientele. To the extent it generates any trips, they are already reflected in the trip generation estimates for the gas station/convenience market category.
3 Internalization based on output from MXD+: 2.0% in the AM peak hour, and 3.5% in the PM peak hour.
4 Pass-by trip percentages are based on data from the Trip Generation Manual, 11th Edition (ITE 2021). See discussion above about capping pass-by trips in the existing plus project scenario. In the AM peak hour, the existing plus project scenario results in an estimated 186 total pass-by trips for a total of 222 new trips. In the PM peak hour, an estimated 224 total pass-by trips results in 211 new trips.

Based on the table, the proposed project would generate a total of 420 AM peak hour trips (214 inbound and 206 outbound) and 451 PM peak hour trips (231 inbound and 220 outbound). Of those trips, 272 would be internal and pass-by trips during the AM peak hour, and 300 would be internal and pass-by trips in the PM peak hour. Therefore, the net, or new, trips generated by the project would be 148 AM peak hour trips (78 inbound and 70 outbound) and 151 PM peak hour trips (81 inbound and 70 outbound).

a) Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

As discussed below, the project would not conflict with applicable policies in the City's General Plan Circulation Element and ATP. As noted above, as required by SB 743, the focus of transportation impacts has changed from LOS or vehicle delay to VMT. Therefore, inconsistencies related to the City's LOS policies are not required to be addressed in this transportation section. The project's effect on LOS can be found in its Transportation Impact Study, provided in Appendix D.

City of Manteca General Plan Circulation Element

The following relevant circulation policies from the 2023 Circulation Element of the currently adopted City of Manteca General Plan (City of Manteca 2003) were evaluated for consistency with the proposed project.

C-P-4: Streets shall be dedicated, widened, extended, and constructed according to street cross-section diagrams established in the City Standard Plans.

C-P-5: Major circulation improvements shall be completed as abutting lands develop or redevelop, with dedication of right-of-way and construction of improvements, or participation in construction of such improvements, required as a condition of approval.

C-P-6: New development shall pay a fair share of the costs of street and other transportation improvements based on impacts to LOS and other modes in conformance with the goals and policies established in this Circulation Element and the PFF program.

C-P-8: Street improvements will be designed to provide multiple, direct, and convenient routes for all modes.

The proposed project site plan and recommendations in its Transportation Impact Study (Appendix D) are consistent with Policies C-P-4, C-P-5, C-P-6, and C-P-8. The project would dedicate of right-of-way and/or construct roadway improvements as part of project construction and pay its fair share of costs as determined by the City.

C-P-20: The creation or continuance of traffic, bicycle, and pedestrian hazards shall be discouraged in new development, infill development, and redevelopment areas.

C-P-21: In the development of new projects, the City shall give special attention to maintaining/ensuring adequate corner-sight distances appropriate for the speed and type of facility, including intersections of city streets and private access drives and roadways.

C-P-22: The City shall encourage the development of landscape separated sidewalks along roadways (particularly arterials and non-residential streets) when feasible to discourage pedestrian/vehicle conflicts and be consistent with complete streets concepts.

The project would be consistent with C-P-20 and C-P-21. The project would not create any vehicle, bicycle, or pedestrian hazards. The project would maintain adequate corner sight distance at the Airport Way/Lathrop Road intersection in accordance with the Manteca Municipal Code Section 17.54.060. However, the sidewalks proposed in the project site plan are not landscape-separated as discussed in CP-22. Based on the project site plan, adding space between the roadway and sidewalk may create internal project layout concerns and cause discontinuities with the nearby sidewalks, and is therefore considered infeasible.

C-P-24: New development shall provide an adequate number of off-street parking spaces to accommodate the typical parking demands of the type of development on the site. The City may dictate both minimum and maximum amounts of parking; the use of shared parking is encouraged to reduce overall land consumed by parking areas.

C-P-27: Ensure that there is adequate parking for normal commercial activities.

The proposed project would be consistent with C-P-24 and C-P-27. The project site plan depicts 108 parking spaces, which exceeds the 102 parking spaces required by Manteca Municipal Code Section 17.52.050 based on the proposed land uses.

C-P-30: Provide adequate bicycle parking facilities at commercial, business/professional, and light industrial uses.

C-P-32: The City shall strive to provide on-street Class II bike lanes along major collector and arterial streets whenever feasible.

C-P-36: The City shall strive to provide a sidewalk system that serves all members of the community and meets the latest guidelines related to the Americans with Disabilities Act (ADA).

C-P-37: All new sidewalks, walkways, and intersection crosswalks shall be consistent with the requirements of the ADA.

The proposed project would be consistent with C-P-30, C-P-32, C-P-36, and C-P-37. The project site plan depicts 10 bicycle parking spaces, exceeding the 7 parking spaces that would be required based on Manteca Municipal Code Section 17.52.110. The project site plan shows bike lanes along the project frontage on Airport Way and Lathrop Road, as well as sidewalks and curb ramps at the Airport Way/Lathrop Road intersection and at project driveways. As a Condition of Approval, the applicant shall reconfigure the south and east leg crosswalks of the Airport Way/Lathrop Road intersection and add ADA-compliant curb ramps to the southwest, southeast, and northeast quadrants of intersection.

> C-P-50: All roads identified as truck routes shall be designed to accommodate STAA [Surface Transportation Assistance Act] trucks.

The proposed project could be consistent with C-P-50. As the City works with San Joaquin County and surrounding jurisdictions to finalize its truck routes, it will need to ensure designated routes are designed appropriately, and let developers know of truck route designations and design requirements.

> C-P-53: The City shall establish a requirement for a TDM [transportation demand management] program in any business park, industrial or commercial land use that employs more than 50 full time equivalent employees.

The proposed project would be consistent with C-P-53, as the project land uses are projected to employ less than 50 full-time equivalent employees, it does not need to create a TDM program.

City of Manteca Active Transportation Plan

The City's ATP identifies the following planned improvements near the project site:

- Class II (on-street with appropriate signage and pavement markings) buffered bike lane on Airport Way between Roth Road and Daniels Street.
- Class II bike lane along Lathrop Road within Manteca's city boundaries, from west of Airport Way to east of State Route 99.
- Sidewalk along the west side of Airport Way between Roth Road and south of State Route 120.
- Sidewalks on both sides of Lathrop Road from approximately 1,500 feet west of Airport Way to east of London Avenue, including along the project frontage.

The ATP also provides guidance on short-term and long-term bicycle parking. As defined in the ATP, short-term bicycle parking is temporary bicycle parking intended for visitors, typically provided as bike racks. Long-term bicycle parking is intended for employees to protect bicycles for extended periods and are more secure to protect bicycles from theft and weather. A total of seven bicycle parking spaces are required for the proposed site. The project would provide 10 bike racks, a form of short-term bicycle parking. Long-term bicycle parking could be provided for employees in each building.

As discussed above, the project would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities, and impacts would be **less than significant**.

b) Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?

The City of Manteca is in the process of developing guidelines for transportation impact analysis. Therefore, for the purpose of this project, methodology and screening criteria in the City's Draft Transportation Impact Analysis Guidelines (TIA Guidelines) will be applied (City of Manteca 2023). The TIA Guidelines includes a list of land use projects whose transportation VMT impacts are presumed to be less than significant, and therefore may be relieved of performing a complete VMT impact analysis. Consistent with the Technical Advisory on Evaluating Transportation Impacts in CEQA (OPR 2018), the City's TIA Guidelines recommend screening out local serving retail land uses from VMT analysis as explained below.

> **Local-Serving Retail**: Trip lengths may be shortened and VMT reduced by adding "local-serving" retail opportunities that improve destination proximity. The Technical Advisory generally describes retail development including stores less than 50,000 square feet as locally serving. Restaurants may also be screened using this criterion.

As noted above, local-serving retail is one of the uses that can be presumed to have a less-than-significant VMT impact and thus be screened out of VMT analysis. The OPR Technical Advisory notes that new retail development typically redistributes shopping trips rather than creating new trips (OPR 2018). The proposed gas station, car wash, and restaurant uses would qualify as retail uses, and would have a similar effect on travel. Demand for these services is fixed, with customers selecting businesses to patronize based on convenience, quality, and/or offered services. The OPR Technical Advisory further states that "adding retail opportunities into the urban fabric and thereby improving retail destination proximity, local-serving retail development tends to shorten trips and reduce VMT. Thus, lead agencies generally may presume such development creates a less-than-significant transportation impact" (OPR 2018).

The proposed project can be described as a local-serving business that would improve commercial destination proximity. In accordance with the OPR Technical Advisory, the project would satisfy the local-serving retail VMT screening criteria by virtue of the nature and size of the project (commercial use with less than 50,000 square feet of building floor area consisting of a local-serving use). Therefore, the proposed project would not conflict or be inconsistent with CEQA Guidelines Section 15064.3(b), and impacts would be **less than significant**.

c) Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Access to the project would be provided by three driveways: one on Airport Way and two on Lathrop Road. The driveway on Airport Way (Driveway 1) would primarily serve traffic associated with the retail and restaurant pads. The western driveway on Lathrop Road (Driveway 2) would primarily serve traffic associated with the gas station, convenience store, and car wash, while the eastern driveway on Lathrop Road (Driveway 3) would primarily serve the drive-through fast-food restaurant. All turning movements were assumed for analysis purposes to be permitted at the driveway on Airport Way and the eastern driveway on Lathrop Road, while the western driveway on Lathrop Road would be right-in/right-out only.

Driveway Access

Left-turn ingress movements into Driveways 1 and 3 would have maximum queues of four vehicles. Storage for those movements can be provided by the median lane or existing two-way left-turn lanes on both

roadways. The northbound left-turn lane on Airport Way approaching Lathrop Road is striped for approximately 335 feet of storage. Left-turning project vehicles at Driveways 1 and 3 may create hazardous conditions for vehicles in the northbound and westbound left turn storage lanes at the intersection. To accommodate southbound left-turns into Driveway 1, it is recommended that the northbound left-turn lane length be reduced to 200 feet, with the 135 feet of distance that is modified becoming a southbound left-turn lane into Driveway 1 (i.e., back-to-back left turn lanes).

Mitigation Measure: The following mitigation measure is provided to reduce the impacts related to hazards due to a geometric design feature.

MM-TR-1 Prior to receipt of the Certificate of Occupancy, the project applicant shall modify, at their expense, the medians of Airport Way and Lathrop Road along the project frontages to enable all movements to be permitted at Driveways 1 and 3; and movements at Driveway 2 to be restricted to right-turn in/out movements only. To accommodate southbound left-turns into Driveway 1, it is recommended that the northbound left-turn lane length be reduced to 200 feet, with the 135 feet of distance that is modified becoming a southbound left-turn lane into Driveway 1 (i.e., back-to-back left turn lanes). The median modifications shall be designed per City standards and approved by the City's Engineering Department prior to modifications.

However, under cumulative conditions, significant background traffic growth is expected, and intersection improvements are planned. At Driveway 1, all movements should be permitted until such time that the ultimate improvements are constructed along Airport Way. Those improvements would expand the intersection, thereby resulting in dual northbound left-turns with storage extending beyond Driveway 1. Therefore, with ultimate widening, movements at Driveway 1 would eventually need to be restricted to right turns only.

Similarly, at Driveway 3, all movements should be permitted until such time that the ultimate improvements are constructed along Lathrop Road. With ultimate widening of Lathrop Road, movements at all driveways would need to be restricted to right turns only.

On-Site Circulation

At Driveway 1, perpendicular parking begins on each side of this street about 35 feet within the site. In addition to queuing caused by vehicles waiting to exit onto Airport Way, additional queuing could occur as vehicles wait in the driveway to enter/exit parking stalls. This may be a potentially hazardous condition at Driveway 1. To alleviate this, the City will require removal of the most western three spaces on north side of the driveway, and the four spaces on the south side of the driveway. This will provide storage for approximately three outbound vehicles. While less than the expected 100-foot queue, this would significantly lessen the chances of inbound traffic being blocked and spilling onto Airport Way. This will be incorporated into the site plan design prior to the City's approval.

At Driveway 2, although the available storage is 25 feet less than the maximum queue, no modifications to this driveway are recommended. This is because of the driveway's considerable width and no nearby parking drive aisles from which queues could occur. There is ample space within the project site for inbound traffic to navigate around waiting outbound vehicles.

At Driveway 3, to minimize a potentially hazardous driveway condition, stop signs are recommended to be placed on the northbound and eastbound approaches to the first internal intersection near this driveway (with inbound movements provided priority right-of-way). This will ensure that if a queue of four vehicles arrives, the fourth vehicle will be waiting at the stop sign versus blocking the intersection.

Mitigation Measure: The following mitigation measure is provided to reduce the impact related to Driveway 3:

MM-TR-2 Prior to site plan approval by the City, the project applicant shall incorporate the following modification at Driveway 3 for the final design of the project site:

Driveway 3. Install stop signs on the northbound and eastbound approaches to the first internal intersection near this driveway (with inbound movements provided priority right-of-way). This will ensure that if a queue of four vehicles arrives, the fourth vehicle will be waiting at the stop sign versus blocking the intersection.

With the implementation of mitigation measures MM-TR-1 and MM-TR-2, no hazardous design features or incompatible uses would be part of the project. Therefore, impacts associated with hazardous design features or incompatible uses in conjunction with the implementation of improvements would be **less than significant with mitigated measures incorporated**.

d) Would the project result in inadequate emergency access?

All areas of the project site would be accessible to emergency responders during construction and operation. Access to the project site would be provided via Driveway 1 on Airport Way and two driveways on Lathrop Road. There would be adequate access to the project site and to all proposed buildings via internal roadway, including access for emergency vehicles. The proposed site plan, including the new on-site roadway and proposed parking lot, would be designed per the City's standard width, clearance, and turning radius requirements, and would be reviewed and approved by the MFD during plan check review. Therefore, impacts associated with inadequate emergency access would be **less than significant**.

3.18 Tribal Cultural Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES				
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or	☐	☒	☐	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

a) ***Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?***

b) ***A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in submission (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in division (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.***

Dudek requested a NAHC search of their Sacred Lands File for the project site and results for this search were provided by the NAHC on December 16, 2022. Results were negative. A list of traditionally culturally affiliated Native American tribal representatives who may have additional information related to cultural resources in the area was provided as part of this search. The City sent out notification letters to these tribes pursuant to Public Resources Code §21080.3.1(b) on February 13, 2023. Out of 12 tribes, no tribes requested consultation or provided additional information regarding potential impacts to tribal cultural resources.

Nonetheless, as discussed under Section 3.5, Cultural Resources, ground-disturbing activities as part of project construction may have the potential to unearth or disturb tribal cultural resources, artifacts, or human remains. MM-CUL-1 and MM-CUL-2 would reduce these impacts to less than significant.

Impacts to tribal cultural resources would be **less than significant with mitigation incorporated**.

Mitigation Measures: See MM-CUL-1 and MM-CUL-2.

3.19 Utilities and Service Systems

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS – Would the project:				
a) Require or result in the relocation or construction of new or expanded water, waste water treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the waste water treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

a) Would the project require or result in the relocation or construction of new or expanded water, waste water treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

The proposed project would be served by existing City water infrastructure, wastewater collection and treatment facilities, stormwater drainage, electric power, and telecommunications infrastructure near the project site.

Water for the project would be provided by the City, which obtains its water from the SSJID. The SSJID primarily sources its water through a senior pre-1914 appropriative water rights on the Stanislas River, known as the SCWSP. As a result, the water demands for the project would primarily be met with surface water. According to the 2020 Urban Water Management Plan for the SSJID, the agency can meet projected water demands under normal water years out to the year 2045 (SSJID 2021). However, under a single dry year, the reliability of SSJID's surface water supply is estimated to be reduced, and demand will exceed

available supply by amounts ranging up to 9,102 acre-feet per year in 2040 (SSJID 2021). The difference is anticipated to be met individually by the SCWSP agencies using groundwater supplies, transfers, and/or other alternate supplies. During multiple dry years, the sufficiency of SSJID's water supply to meet the projected SCWSP demand depends on the drought year. During the first, second, and fifth year of drought, SSJID is projected to have sufficient supply (SSJID 2021). However, during the third and fourth year, the projected SCWSP water demand is estimated to exceed total supply. The largest difference is approximately 9,102 acre-feet per year in 2040, although, again, the shortfall would be met individually by groundwater supplies, transfers, and other alternate supplies. In addition, the Urban Water Management Plan includes contingency plans and a description of planned projects and implementation programs to improve demand management. Based on estimates produced from the CalEEMod as discussed in Section 3.3, Air Quality, the proposed project is estimated to have a water demand of 2,968,257 gallons per year or 9.1 acre-feet per year. As described above, the Urban Water Management Plan states that the SSJID water supply portfolio is capable of meeting water demand through the year 2045. The estimated water demand from the proposed project would be considered as part of planned growth for the City and within the capabilities of the available water supply. The proposed project would tie into existing water infrastructure near the site and would implement water efficient measures consistent with City requirements such that it would not contribute to the need for new or expanded water facilities. Therefore, impacts related to water facilities would be **less than significant**.

Wastewater generated at the site would be delivered to the City's Wastewater Quality Control Facility (WQCF). The treatment facility handles municipal sewage from the City, portions of Lathrop, and Raymus Village. The WQCF currently delivers treated recycled and reclaimed water for irrigation, construction dust control application, and discharge to the San Joaquin River. The WQCF current treats up to approximately 6.5 million gallons per day of water and is currently permitted to treat up to 9.87 million gallons per day. The WQCF is currently undergoing expansions to the solids handling streams to provide increased capacity to meet permitted requirements and new state regulations. As noted above, data from CalEEmod estimates a total of 2,968,257 gallons per year or 0.008 gallons per day for project site usage. As such, wastewater generated by the proposed project would not substantially increase the existing wastewater flow to the City's wastewater system. Therefore, the treatment plant would have adequate capacity to serve the proposed project, and impacts related to wastewater facilities would be **less than significant.**

The project site is currently largely unpaved and covered with pervious surface. The proposed project would create new impervious surfaces and require installation of drainage control features in accordance with City requirements, which include conformance with the Multi-Agency Stormwater Control Manual that was developed to meet NPDES MS4 permit requirements. The project would implement and install stormwater management systems that would retain runoff on site and limit discharges off site. Any stormwater not captured by these stormwater management systems would flow into the City's storm drain system. As described in Section 3.10, Hydrology and Water Quality, the proposed project would not result in a substantial increase of surface runoff that would exceed the current capacity of the City's stormwater system. There would be no need for new or expanded stormwater drainage infrastructure, and impacts would be **less than significant.**

Electricity services for the proposed project would be provided by PG&E with existing transmission infrastructure in the vicinity of the project site that would not require any new or expanded transmission services. As discussed in Section 3.6, Energy, the proposed project would comply with the most current CBC, and energy standards at the time of building construction. The project would not result in wasteful,

inefficient, or unnecessary consumption of energy resources during construction or operation. Therefore, no new or expanded facilities would need to be built and impacts would be **less than significant**.

Telecommunications usage would be minimal and would not require the construction of new facilities or expansion of existing facilities. Therefore, this impact would be **less than significant**.

b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

SSJID would provide water service. As discussed above in item 'a,' project development would not exceed current available water supply, and SSJID is projected to meet future demands under normal water years until 2045. In both single dry and multiple dry years, however, SSJID is projected to experience shortfalls in water supply by as much as 9,102 acre-feet per year (SSJID 2021). As described above, the Urban Water Management Plan states that the water supply portfolio has flexibility and management tools including use of groundwater, transfers, and alternative sources that make up these projected differences. In addition, current and future expansion projects and demand management measures are being implemented to improve water supply reliability. As such, the City would have sufficient water supplies to serve the proposed project during normal, dry, and multiple dry years. For these reasons, impacts associated with water supply for the project would be **less than significant**.

c) Would the project result in a determination by the waste water treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

See discussion under item 'a' above; project implementation would not exceed the capacity of the WQCF to treat wastewater flows from the project site. Furthermore, the proposed project would incorporate recycling of water used for the car wash facility and water-efficient fixtures throughout, as required under Title 24 of the California Code of Regulations. Compliance with these regulations would further reduce wastewater flows to the WQCF. Project-generated wastewater would not exceed capacity of the treatment plant, and the treatment plant would have adequate capacity to serve the proposed project. The impact would be **less than significant**.

d) Would the project generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

The proposed project would include construction of new improvements at the project site that would consist of a total of 15,644 square feet of nonresidential construction. Both construction and operation of the project would generate solid waste requiring offsite disposal.

Solid waste from the City is primarily disposed at the Forward Sanitary Landfill, located northeast of Manteca. Other landfills used include Foothill Sanitary and North County. The Forward Landfill has a remaining capacity of 24,720,669 cubic yards, which, on average, equates to approximately 2.78 million tons (CalRecycle 2022a).

Operation of the proposed project would increase solid waste generation at the site, and an average for commercial land uses of 2.5 pounds per 100 square feet per day would result in an estimated volume of 400 pounds per day, equating to 145,606 pounds per year or 72.8 tons per year (CalRecycle 2022b). The

Forward Landfill is expected to reach full capacity in January 2036. The Forward Landfill has adequate capacity to accommodate the solid waste anticipated from the project and with the other available landfills in the region, and should be able to accept waste from the project for the life of the project.

Therefore, solid waste impacts resulting from construction and operation of the project would be **less than significant**.

e) Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

The proposed project would comply with existing or future statutes and regulations, including waste diversion programs mandated by federal and state law. The proposed project would not result in an excessive production of solid waste that would exceed the capacity of the Forward Landfill, which is the existing landfill serving the project site. In addition, the Forward Landfill complies with its permit issued by California Department of Resources Recycling and Recovery and the City's Local Enforcement Agency (CalRecycle 2022a). The project does not contain any uses that would generate a substantial increase in solid waste and construction debris would be disposed of in accordance with applicable regulations. For these reasons, the proposed project would result in a **less-than-significant impact** related to federal, state, and local statutes and regulations related to solid waste.

3.20 Wildfire

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE – If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐.

a) Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

As discussed in Section 3.9, Hazards and Hazardous Materials, the proposed project would not interfere with any emergency response plans or emergency evacuation plans. Fire suppression services in the project area are currently and would continue to be provided by the MFD. The project does not propose any permanent road closures, lane reductions, or other adverse circulation conditions that may adversely affect emergency response or evacuation in the project vicinity. Additionally, project plans are required to be submitted to the MFD for review and approval to ensure that emergency access is sufficient at the site and compliant with California Fire Code requirements. Therefore, the project would have **no impact** related to implementation of emergency plans.

b) Due to slope, prevailing winds, and other factors, would the project exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

The project site contains flat, undeveloped land. The project is located near agricultural or other open space parcels but is in an area being increasingly developed with urban uses. The project is within a Local Responsibility Area and is not designated as a Very High Fire Hazard Safety Zone by CAL FIRE. The closest zones are located more than 16 miles away, south of the City of Tracy (CAL FIRE 2022). Therefore, it is

unlikely that the proposed project would expose people or structures to a significant risk of loss, injury or death involving wildland fires. The project would also be constructed consistent with California Fire Code requirements for fire prevention as directed by MFD's preliminary review.

The proposed project would require handling of flammable materials, such as gasoline and diesel fuel. However, the proposed project would be required to operate in compliance with all with applicable federal, state, and local requirements that regulate gas stations, which would lessen the potential for fire hazards. This would include Section 2540.7 of the California Occupational Safety and Health Administration Regulations (Gasoline Dispensing and Service Stations) and Chapter 38 of the California Fire Code (Liquefied Petroleum Gases).

For the reasons above, the proposed project would have a **less-than-significant impact** regarding wildfire hazards.

c) Would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

The project would require electrical wiring and utility extensions; however, this would not require any extensive installation or maintenance that would exacerbate fire risk as the project site is located in an area that is already served by existing utilities. As discussed above, the proposed project would comply with all applicable federal, state, and local requirements that regulate gas stations, which would lessen the potential for fire hazards. Therefore, the project would have a **less-than-significant impact** regarding fire risk associated with new infrastructure.

d) Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

The project site is flat and does not contain a significant risk of flooding, landslides, slope instability, or drainage changes. As noted in Section 3.7, Geology and Soils, and Section 3.10, Hydrology and Water Quality, the project would have **less-than-significant impacts** regarding landslides and flooding, and would not expose people or structures to significant risks in the event of a post-fire situation.

3.21 Mandatory Findings of Significance

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐.

a) ***Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?***

As discussed in Section 3.4, Biological Resources, the project would potentially impact native and migratory birds nesting at the time of project construction. However, implementation of MM-BIO-1 would require scheduling of vegetation removal outside of breeding seasons, or would require nesting bird surveys and/or suitable buffers for construction, which would reduce this impact to less than significant. The project may also impact unanticipated archaeological resources or human remains during ground-disturbing activities; however, implementation of the management recommendations in MM-CUL-1 and MM-CUL-2 would reduce these impacts to less than significant. Therefore, impacts would be **less than significant with mitigation incorporated**.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

The analysis provided throughout this document demonstrates that the project's contribution to any existing cumulative impacts would be reduced to less-than-significant levels through mitigation and any contribution to an existing cumulative impact would be very small and would not be considered cumulatively considerable. Therefore, the project's cumulative impact would be **less than significant with mitigation incorporated**.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

The analysis provided throughout this document identifies project impacts that may be potentially significant and identifies mitigation measures that would reduce each impact to a less-than-significant level. Impacts from the project that would cause substantial adverse effects on human beings, such as air quality, greenhouse gases, wildfire, or hazards and hazardous materials, would all be less than significant both with mitigation and without as identified in this IS/MND. As such, the impact is **less than significant with mitigation incorporated**.

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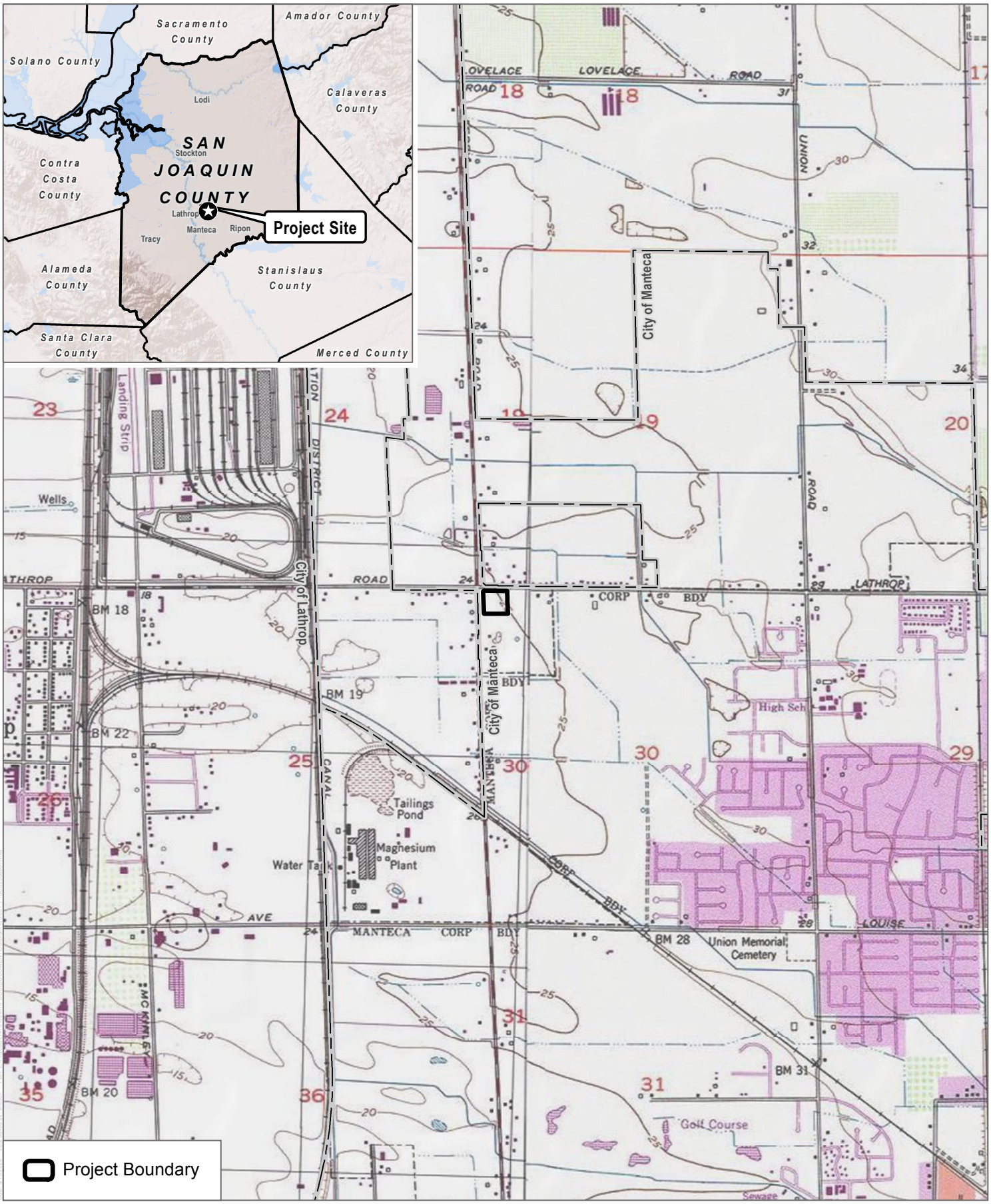
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Fehr and Peers

Shangyou Zeng – Senior Transportation Planner

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SOURCE: USGS 7.5 Minute Series Topographic Map, Lathrop Quadrangle

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

Airport Plaza Initial Study

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SOURCE: ESRI Imagery, Open Street Map 2019

DUDEK

0 100 200 Feet

FIGURE 2

Project Site

Airport Plaza Initial Study

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CalEEMod Outputs

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5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Airport Plaza
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	9.00
Location	37.82598192093727, -121.25301329734725
County	San Joaquin
City	Manteca
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2160
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Other Asphalt Surfaces	1.30	Acre	1.30	0.00	0.00	—	—	—
Parking Lot	108	Space	0.97	0.00	0.00	—	—	—

Fast Food Restaurant with Drive Thru	2.50	1000sqft	0.06	2,500	0.00	—	—	—
High Turnover (Sit Down Restaurant)	4.00	1000sqft	0.09	4,000	0.00	—	—	—
Convenience Market with Gas Pumps	16.0	Pump	0.05	2,259	28,750	—	—	—
Strip Mall	5.73	1000sqft	0.13	5,730	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.17	9.62	17.6	16.9	0.03	0.83	2.86	3.70	0.77	1.36	2.13	—	2,905	2,905	0.12	0.04	1.07	2,921
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.70	1.42	11.8	12.4	0.02	0.51	0.07	0.58	0.46	0.02	0.48	—	2,325	2,325	0.09	0.03	0.01	2,337
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.71	0.67	5.17	5.21	0.01	0.22	0.12	0.34	0.20	0.03	0.24	—	1,012	1,012	0.04	0.01	0.09	1,017
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.13	0.12	0.94	0.95	< 0.005	0.04	0.02	0.06	0.04	0.01	0.04	—	168	168	0.01	< 0.005	0.01	168

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	2.17	1.83	17.6	16.9	0.03	0.83	2.86	3.70	0.77	1.36	2.13	—	2,905	2,905	0.12	0.04	0.62	2,921
2024	1.61	9.62	11.3	12.3	0.02	0.46	0.18	0.53	0.42	0.04	0.44	—	2,329	2,329	0.09	0.04	1.07	2,341
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	1.70	1.42	11.8	12.4	0.02	0.51	0.07	0.58	0.46	0.02	0.48	—	2,325	2,325	0.09	0.03	0.01	2,337
2024	1.61	1.34	11.4	12.3	0.02	0.46	0.07	0.53	0.42	0.02	0.44	—	2,323	2,323	0.09	0.03	0.01	2,335
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.71	0.60	5.17	5.21	0.01	0.22	0.12	0.34	0.20	0.03	0.24	—	1,012	1,012	0.04	0.01	0.09	1,017
2024	0.47	0.67	3.28	3.59	0.01	0.13	0.03	0.16	0.12	0.01	0.13	—	678	678	0.03	0.01	0.07	681
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.13	0.11	0.94	0.95	< 0.005	0.04	0.02	0.06	0.04	0.01	0.04	—	168	168	0.01	< 0.005	0.01	168
2024	0.09	0.12	0.60	0.66	< 0.005	0.02	< 0.005	0.03	0.02	< 0.005	0.02	—	112	112	< 0.005	< 0.005	0.01	113

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.3	29.6	23.7	208	0.43	0.39	13.3	13.7	0.37	2.40	2.77	53.0	43,807	43,860	7.44	2.12	650	45,329

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	28.7	26.8	27.5	188	0.39	0.39	13.3	13.7	0.37	2.40	2.77	53.0	40,701	40,754	7.78	2.31	483	42,120
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	23.9	22.9	15.7	113	0.20	0.21	6.34	6.55	0.20	1.14	1.34	53.0	20,630	20,683	7.02	1.32	514	21,766
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.36	4.18	2.86	20.7	0.04	0.04	1.16	1.19	0.04	0.21	0.24	8.77	3,416	3,424	1.16	0.22	85.1	3,604

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	31.2	29.1	23.4	208	0.42	0.37	13.3	13.7	0.35	2.40	2.75	—	43,249	43,249	2.06	2.10	172	44,099
Area	0.11	0.45	0.01	0.63	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.59	2.59	< 0.005	< 0.005	—	2.60
Energy	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	551	551	0.07	0.01	—	554
Water	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Total	31.3	29.6	23.7	208	0.43	0.39	13.3	13.7	0.37	2.40	2.77	53.0	43,807	43,860	7.44	2.12	650	45,329
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	28.7	26.5	27.2	188	0.39	0.37	13.3	13.7	0.35	2.40	2.75	—	40,145	40,145	2.40	2.30	4.45	40,893
Area	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	551	551	0.07	0.01	—	554
Water	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Total	28.7	26.8	27.5	188	0.39	0.39	13.3	13.7	0.37	2.40	2.77	53.0	40,701	40,754	7.78	2.31	483	42,120
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	23.8	22.5	15.4	113	0.20	0.19	6.34	6.53	0.18	1.14	1.32	—	20,073	20,073	1.64	1.30	35.2	20,538
Area	0.06	0.39	< 0.005	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.28	1.28	< 0.005	< 0.005	—	1.28
Energy	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	551	551	0.07	0.01	—	554
Water	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Total	23.9	22.9	15.7	113	0.20	0.21	6.34	6.55	0.20	1.14	1.34	53.0	20,630	20,683	7.02	1.32	514	21,766
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.34	4.11	2.82	20.6	0.04	0.04	1.16	1.19	0.03	0.21	0.24	—	3,323	3,323	0.27	0.22	5.83	3,400
Area	0.01	0.07	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.21	0.21	< 0.005	< 0.005	—	0.21
Energy	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.2	91.2	0.01	< 0.005	—	91.7
Water	—	—	—	—	—	—	—	—	—	—	—	0.81	0.84	1.65	0.08	< 0.005	—	4.34
Waste	—	—	—	—	—	—	—	—	—	—	—	7.96	0.00	7.96	0.80	0.00	—	27.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79.2	79.2
Total	4.36	4.18	2.86	20.7	0.04	0.04	1.16	1.19	0.04	0.21	0.24	8.77	3,416	3,424	1.16	0.22	85.1	3,604

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	1.37	13.7	11.6	0.03	0.60	—	0.60	0.55	—	0.55	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	0.62	0.62	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.90	0.77	< 0.005	0.04	—	0.04	0.04	—	0.04	—	179	179	0.01	< 0.005	—	179
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.6	29.6	< 0.005	< 0.005	—	29.7
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.47	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	72.5	72.5	< 0.005	< 0.005	0.31	73.7
Vendor	0.01	< 0.005	0.15	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	117	117	< 0.005	0.02	0.31	122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	4.41	4.41	< 0.005	< 0.005	0.01	4.48
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.68	7.68	< 0.005	< 0.005	0.01	8.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.74
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.27	1.27	< 0.005	< 0.005	< 0.005	1.33
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.12	1.78	17.5	16.3	0.02	0.83	—	0.83	0.77	—	0.77	—	2,453	2,453	0.10	0.02	—	2,462

Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.29	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	40.3	40.3	< 0.005	< 0.005	—	40.5
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.68	6.68	< 0.005	< 0.005	—	6.70
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.62	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	96.7	96.7	< 0.005	< 0.005	0.42	98.3
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	58.4	58.4	< 0.005	0.01	0.16	61.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	1.47	1.47	< 0.005	< 0.005	< 0.005	1.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.96	0.96	< 0.005	< 0.005	< 0.005	1.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.66	1.38	11.7	12.0	0.02	0.50	—	0.50	0.46	—	0.46	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.66	1.38	11.7	12.0	0.02	0.50	—	0.50	0.46	—	0.46	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	0.46	3.92	4.03	0.01	0.17	—	0.17	0.16	—	0.16	—	737	737	0.03	0.01	—	739
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.72	0.73	< 0.005	0.03	—	0.03	0.03	—	0.03	—	122	122	< 0.005	< 0.005	—	122
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.39	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	60.8	60.8	< 0.005	< 0.005	0.26	61.8
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	69.3	69.3	< 0.005	0.01	0.19	72.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.31	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	54.9	54.9	< 0.005	< 0.005	0.01	55.6
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	69.4	69.4	< 0.005	0.01	< 0.005	72.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	18.8	18.8	< 0.005	< 0.005	0.04	19.1
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.2	23.2	< 0.005	< 0.005	0.03	24.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.12	3.12	< 0.005	< 0.005	0.01	3.16

Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.84	3.84	< 0.005	< 0.005	< 0.005	4.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.58	1.32	11.2	11.9	0.02	0.46	—	0.46	0.42	—	0.42	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.58	1.32	11.2	11.9	0.02	0.46	—	0.46	0.42	—	0.42	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	0.36	3.03	3.22	0.01	0.12	—	0.12	0.11	—	0.11	—	594	594	0.02	< 0.005	—	596
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.55	0.59	< 0.005	0.02	—	0.02	0.02	—	0.02	—	98.4	98.4	< 0.005	< 0.005	—	98.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.36	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	59.4	59.4	< 0.005	< 0.005	0.24	60.4
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	68.4	68.4	< 0.005	0.01	0.19	71.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.28	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	53.7	53.7	< 0.005	< 0.005	0.01	54.4
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	68.4	68.4	< 0.005	0.01	< 0.005	71.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	14.9	14.9	< 0.005	< 0.005	0.03	15.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.5	18.5	< 0.005	< 0.005	0.02	19.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	2.46	2.46	< 0.005	< 0.005	< 0.005	2.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.06	3.06	< 0.005	< 0.005	< 0.005	3.20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.89	0.75	6.44	8.26	0.01	0.31	—	0.31	0.29	—	0.29	—	1,244	1,244	0.05	0.01	—	1,248
Paving	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.18	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	34.1	34.1	< 0.005	< 0.005	—	34.2
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.64	5.64	< 0.005	< 0.005	—	5.66
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.05	0.91	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	151	151	0.01	0.01	0.61	154
Vendor	0.01	0.01	0.22	0.08	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	173	173	< 0.005	0.03	0.47	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.84	3.84	< 0.005	< 0.005	0.01	3.90
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.73	4.73	< 0.005	< 0.005	0.01	4.96
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.64	0.64	< 0.005	< 0.005	< 0.005	0.64
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.78	0.78	< 0.005	< 0.005	< 0.005	0.82
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	9.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	19.4	19.4	< 0.005	< 0.005	0.08	19.8
Vendor	0.01	< 0.005	0.15	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	115	115	< 0.005	0.02	0.31	121
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.55
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	7.02	6.56	5.28	46.7	0.10	0.08	3.00	3.08	0.08	0.54	0.62	—	9,742	9,742	0.46	0.47	38.6	9,934
High Turnover (Sit Down Restaurant)	2.50	2.34	1.88	16.7	0.03	0.03	1.07	1.10	0.03	0.19	0.22	—	3,474	3,474	0.17	0.17	13.8	3,542
Convenience Market with Gas Pumps	19.5	18.2	14.6	130	0.27	0.23	8.32	8.56	0.22	1.50	1.72	—	27,029	27,029	1.29	1.32	107	27,560
Strip Mall	2.16	2.02	1.63	14.4	0.03	0.03	0.93	0.95	0.02	0.17	0.19	—	3,004	3,004	0.14	0.15	11.9	3,063
Total	31.2	29.1	23.4	208	0.42	0.37	13.3	13.7	0.35	2.40	2.75	—	43,249	43,249	2.06	2.10	172	44,099

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	6.45	5.97	6.13	42.3	0.09	0.08	3.00	3.08	0.08	0.54	0.62	—	9,043	9,043	0.54	0.52	1.00	9,212
High Turnover (Sit Down Restaurant)	2.30	2.13	2.19	15.1	0.03	0.03	1.07	1.10	0.03	0.19	0.22	—	3,225	3,225	0.19	0.18	0.36	3,285
Convenience Market with Gas Pumps	17.9	16.6	17.0	117	0.25	0.23	8.32	8.56	0.22	1.50	1.72	—	25,089	25,089	1.50	1.43	2.78	25,556
Strip Mall	1.99	1.84	1.89	13.0	0.03	0.03	0.93	0.95	0.02	0.17	0.19	—	2,788	2,788	0.17	0.16	0.31	2,840
Total	28.7	26.5	27.2	188	0.39	0.37	13.3	13.7	0.35	2.40	2.75	—	40,145	40,145	2.40	2.30	4.45	40,893
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	0.84	0.80	0.57	4.14	0.01	0.01	0.24	0.25	0.01	0.04	0.05	—	687	687	0.05	0.04	1.21	703

High Turnover (Sit Down Restaurant)	0.32	0.30	0.22	1.61	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.02	—	275	275	0.02	0.02	0.49	281
Convenience Market with Gas Pumps	2.85	2.70	1.73	12.7	0.02	0.02	0.66	0.69	0.02	0.12	0.14	—	1,931	1,931	0.17	0.13	3.35	1,978
Strip Mall	0.33	0.31	0.30	2.14	< 0.005	< 0.005	0.15	0.16	< 0.005	0.03	0.03	—	430	430	0.02	0.02	0.78	439
Total	4.34	4.11	2.82	20.6	0.04	0.04	1.16	1.19	0.03	0.21	0.24	—	3,323	3,323	0.27	0.22	5.83	3,400

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	20.7	20.7	< 0.005	< 0.005	—	20.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	56.1	56.1	0.01	< 0.005	—	56.7

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	89.8	89.8	0.01	< 0.005	—	90.6
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	64.7	64.7	0.01	< 0.005	—	65.3
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	27.9	27.9	< 0.005	< 0.005	—	28.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	259	259	0.04	0.01	—	262
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	20.7	20.7	< 0.005	< 0.005	—	20.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	56.1	56.1	0.01	< 0.005	—	56.7
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	89.8	89.8	0.01	< 0.005	—	90.6
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	64.7	64.7	0.01	< 0.005	—	65.3
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	27.9	27.9	< 0.005	< 0.005	—	28.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	259	259	0.04	0.01	—	262
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.43	3.43	< 0.005	< 0.005	—	3.47
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	9.29	9.29	< 0.005	< 0.005	—	9.38
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	14.9	14.9	< 0.005	< 0.005	—	15.0
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	10.7	10.7	< 0.005	< 0.005	—	10.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	4.62	4.62	< 0.005	< 0.005	—	4.66
Total	—	—	—	—	—	—	—	—	—	—	—	—	42.9	42.9	0.01	< 0.005	—	43.3

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.6	97.6	0.01	< 0.005	—	97.9
High Turnover (Sit Down Restaurant)	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	156	156	0.01	< 0.005	—	157
Convenience Market with Gas Pumps	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	—	22.0
Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.9
Total	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	292	292	0.03	< 0.005	—	292
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.6	97.6	0.01	< 0.005	—	97.9
High Turnover (Sit Down Restaurant)	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	156	156	0.01	< 0.005	—	157
Convenience Market with Gas Pumps	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	—	22.0

Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.9
Total	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	292	292	0.03	< 0.005	—	292
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.2
High Turnover (Sit Down Restaurant)	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.9	25.9	< 0.005	< 0.005	—	25.9
Convenience Market with Gas Pumps	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.62	3.62	< 0.005	< 0.005	—	3.63
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.62	2.62	< 0.005	< 0.005	—	2.63
Total	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.3	48.3	< 0.005	< 0.005	—	48.4

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	0.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.11	0.10	0.01	0.63	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.59	2.59	< 0.005	< 0.005	—	2.60
Total	0.11	0.45	0.01	0.63	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.59	2.59	< 0.005	< 0.005	—	2.60
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.21	0.21	< 0.005	< 0.005	—	0.21
Total	0.01	0.07	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.21	0.21	< 0.005	< 0.005	—	0.21

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.45	1.38	2.84	0.15	< 0.005	—	7.63
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.33	2.21	4.54	0.24	0.01	—	12.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	0.70	1.02	0.03	< 0.005	—	2.08
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.81	0.77	1.59	0.08	< 0.005	—	4.27
Total	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.45	1.38	2.84	0.15	< 0.005	—	7.63
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.33	2.21	4.54	0.24	0.01	—	12.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	0.70	1.02	0.03	< 0.005	—	2.08
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.81	0.77	1.59	0.08	< 0.005	—	4.27
Total	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	0.24	0.23	0.47	0.02	< 0.005	—	1.26
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.39	0.37	0.75	0.04	< 0.005	—	2.02

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.05	0.12	0.17	0.01	< 0.005	—	0.34
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.13	0.13	0.26	0.01	< 0.005	—	0.71
Total	—	—	—	—	—	—	—	—	—	—	—	0.81	0.84	1.65	0.08	< 0.005	—	4.34

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	15.5	0.00	15.5	1.55	0.00	—	54.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	25.7	0.00	25.7	2.56	0.00	—	89.8

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	3.24	0.00	3.24	0.32	0.00	—	11.3
Total	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	15.5	0.00	15.5	1.55	0.00	—	54.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	25.7	0.00	25.7	2.56	0.00	—	89.8
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	3.24	0.00	3.24	0.32	0.00	—	11.3
Total	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	2.57	0.00	2.57	0.26	0.00	—	8.99
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	4.25	0.00	4.25	0.42	0.00	—	14.9
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.12
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.54	0.00	0.54	0.05	0.00	—	1.88
Total	—	—	—	—	—	—	—	—	—	—	—	7.96	0.00	7.96	0.80	0.00	—	27.8

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.91	3.91

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.25	6.25
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.91	3.91
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.25	6.25
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.04	1.04
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77.5	77.5
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79.2	79.2

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	6/1/2023	7/4/2023	5.00	24.0	—
Grading	Grading	7/5/2023	7/13/2023	5.00	6.00	—
Building Construction	Building Construction	7/14/2023	5/17/2024	5.00	220	—
Paving	Paving	5/18/2024	6/1/2024	5.00	10.0	—
Architectural Coating	Architectural Coating	6/2/2024	6/16/2024	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41

Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	11.9	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	9.10	HHDT,MHDT

Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	11.9	LDA,LDT1,LDT2
Grading	Vendor	2.00	9.10	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	6.29	11.9	LDA,LDT1,LDT2
Building Construction	Vendor	2.37	9.10	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	16.0	11.9	LDA,LDT1,LDT2
Paving	Vendor	6.00	9.10	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.06	11.9	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	9.10	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	21,734	7,245	5,938

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	36.0	0.00	—
Grading	—	—	6.00	0.00	—
Paving	0.00	0.00	0.00	0.00	2.27

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Other Asphalt Surfaces	1.30	100%
Parking Lot	0.97	100%
Fast Food Restaurant with Drive Thru	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Convenience Market with Gas Pumps	0.00	0%
Strip Mall	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	204	0.03	< 0.005
2024	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	1,169	1,529	1,173	445,571	2,774	10,641	8,162	1,703,708
High Turnover (Sit Down Restaurant)	429	468	545	164,621	1,217	3,256	3,795	684,814
Convenience Market with Gas Pumps	4,242	4,242	4,242	1,548,301	6,281	29,522	29,522	4,716,308
Strip Mall	471	447	217	157,570	3,281	3,113	1,513	1,096,617

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	21,734	7,245	5,938

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Other Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00
Parking Lot	37,090	204	0.0330	0.0040	0.00
Fast Food Restaurant with Drive Thru	100,384	204	0.0330	0.0040	304,627
High Turnover (Sit Down Restaurant)	160,614	204	0.0330	0.0040	487,403
Convenience Market with Gas Pumps	115,699	204	0.0330	0.0040	68,307
Strip Mall	49,920	204	0.0330	0.0040	49,425

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

Other Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	0.00
Fast Food Restaurant with Drive Thru	758,834	0.00
High Turnover (Sit Down Restaurant)	1,214,135	0.00
Convenience Market with Gas Pumps	167,315	403,537
Strip Mall	424,436	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Other Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	0.00
Fast Food Restaurant with Drive Thru	28.8	0.00
High Turnover (Sit Down Restaurant)	47.6	0.00
Convenience Market with Gas Pumps	6.78	0.00
Strip Mall	6.02	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Convenience Market with Gas Pumps	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Convenience Market with Gas Pumps	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit

Temperature and Extreme Heat	18.9	annual days of extreme heat
Extreme Precipitation	2.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	13.4	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	55.4
AQ-PM	53.4
AQ-DPM	42.7
Drinking Water	98.8
Lead Risk Housing	6.19

Pesticides	83.8
Toxic Releases	49.9
Traffic	36.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	57.2
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	58.7
Solid Waste	88.9
Sensitive Population	—
Asthma	89.7
Cardio-vascular	92.6
Low Birth Weights	27.6
Socioeconomic Factor Indicators	—
Education	41.6
Housing	7.69
Linguistic	13.3
Poverty	22.9
Unemployment	66.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	62.8127807
Employed	49.30065443
Median HI	67.57346336

Education	—
Bachelor's or higher	43.80854613
High school enrollment	100
Preschool enrollment	4.478378032
Transportation	—
Auto Access	67.17567047
Active commuting	20.54407802
Social	—
2-parent households	79.73822661
Voting	83.58783524
Neighborhood	—
Alcohol availability	91.6078532
Park access	39.76645708
Retail density	9.534197357
Supermarket access	30.77120493
Tree canopy	56.25561401
Housing	—
Homeownership	89.79853715
Housing habitability	88.99011934
Low-inc homeowner severe housing cost burden	87.11664314
Low-inc renter severe housing cost burden	80.39266008
Uncrowded housing	80.21301168
Health Outcomes	—
Insured adults	73.18105993
Arthritis	11.5
Asthma ER Admissions	7.7
High Blood Pressure	9.1

Cancer (excluding skin)	12.2
Asthma	51.9
Coronary Heart Disease	19.3
Chronic Obstructive Pulmonary Disease	35.3
Diagnosed Diabetes	55.5
Life Expectancy at Birth	42.2
Cognitively Disabled	60.3
Physically Disabled	27.7
Heart Attack ER Admissions	16.8
Mental Health Not Good	66.0
Chronic Kidney Disease	35.4
Obesity	44.4
Pedestrian Injuries	70.8
Physical Health Not Good	60.5
Stroke	39.4
Health Risk Behaviors	—
Binge Drinking	36.9
Current Smoker	60.5
No Leisure Time for Physical Activity	58.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	58.1
Elderly	12.9
English Speaking	65.9
Foreign-born	19.5
Outdoor Workers	75.3

Climate Change Adaptive Capacity	—
Impervious Surface Cover	54.3
Traffic Density	60.0
Traffic Access	0.0
Other Indices	—
Hardship	40.3
Other Decision Support	—
2016 Voting	83.2

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	65.0
Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	No demolition.
Construction: Trips and VMT	Odd trips rounded up to account for whole round trips.
Operations: Vehicle Data	Based on traffic report.

Airport Plaza Onsite Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Airport Plaza Onsite
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	9.00
Location	37.82598192093727, -121.25301329734725
County	San Joaquin
City	Manteca
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2160
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Other Asphalt Surfaces	1.30	Acre	1.30	0.00	0.00	—	—	—
Parking Lot	108	Space	0.97	0.00	0.00	—	—	—

Fast Food Restaurant with Drive Thru	2.50	1000sqft	0.06	2,500	0.00	—	—	—
High Turnover (Sit Down Restaurant)	4.00	1000sqft	0.09	4,000	0.00	—	—	—
Convenience Market with Gas Pumps	16.0	Pump	0.05	2,259	28,750	—	—	—
Strip Mall	5.73	1000sqft	0.13	5,730	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.17	9.62	17.6	16.9	0.03	0.83	2.86	3.70	0.77	1.36	2.13	—	2,905	2,905	0.12	0.04	1.07	2,921
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.70	1.42	11.8	12.4	0.02	0.51	0.07	0.58	0.46	0.02	0.48	—	2,325	2,325	0.09	0.03	0.01	2,337
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.71	0.67	5.17	5.21	0.01	0.22	0.12	0.34	0.20	0.03	0.24	—	1,012	1,012	0.04	0.01	0.09	1,017
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.13	0.12	0.94	0.95	< 0.005	0.04	0.02	0.06	0.04	0.01	0.04	—	168	168	0.01	< 0.005	0.01	168

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	2.17	1.83	17.6	16.9	0.03	0.83	2.86	3.70	0.77	1.36	2.13	—	2,905	2,905	0.12	0.04	0.62	2,921
2024	1.61	9.62	11.3	12.3	0.02	0.46	0.18	0.53	0.42	0.04	0.44	—	2,329	2,329	0.09	0.04	1.07	2,341
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	1.70	1.42	11.8	12.4	0.02	0.51	0.07	0.58	0.46	0.02	0.48	—	2,325	2,325	0.09	0.03	0.01	2,337
2024	1.61	1.34	11.4	12.3	0.02	0.46	0.07	0.53	0.42	0.02	0.44	—	2,323	2,323	0.09	0.03	0.01	2,335
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.71	0.60	5.17	5.21	0.01	0.22	0.12	0.34	0.20	0.03	0.24	—	1,012	1,012	0.04	0.01	0.09	1,017
2024	0.47	0.67	3.28	3.59	0.01	0.13	0.03	0.16	0.12	0.01	0.13	—	678	678	0.03	0.01	0.07	681
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.13	0.11	0.94	0.95	< 0.005	0.04	0.02	0.06	0.04	0.01	0.04	—	168	168	0.01	< 0.005	0.01	168
2024	0.09	0.12	0.60	0.66	< 0.005	0.02	< 0.005	0.03	0.02	< 0.005	0.02	—	112	112	< 0.005	< 0.005	0.01	113

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	25.1	24.8	8.11	57.0	0.04	0.08	0.93	1.01	0.07	0.17	0.24	53.0	4,843	4,896	6.52	0.65	491	5,745

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	22.5	22.0	9.31	74.6	0.04	0.07	0.93	1.01	0.07	0.17	0.24	53.0	4,666	4,719	6.88	0.72	479	5,586
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	21.1	20.8	8.03	59.7	0.04	0.07	0.79	0.86	0.07	0.14	0.21	53.0	4,202	4,255	6.62	0.63	483	5,092
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.86	3.79	1.47	10.9	0.01	0.01	0.14	0.16	0.01	0.03	0.04	8.77	696	704	1.10	0.10	80.0	843

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	25.0	24.4	7.86	56.2	0.04	0.06	0.93	0.99	0.05	0.17	0.22	—	4,285	4,285	1.14	0.64	12.0	4,515
Area	0.11	0.45	0.01	0.63	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.59	2.59	< 0.005	< 0.005	—	2.60
Energy	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	551	551	0.07	0.01	—	554
Water	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Total	25.1	24.8	8.11	57.0	0.04	0.08	0.93	1.01	0.07	0.17	0.24	53.0	4,843	4,896	6.52	0.65	491	5,745
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	22.5	21.6	9.06	74.4	0.04	0.06	0.93	0.99	0.05	0.17	0.22	—	4,110	4,110	1.51	0.71	0.31	4,359
Area	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	551	551	0.07	0.01	—	554
Water	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Total	22.5	22.0	9.31	74.6	0.04	0.07	0.93	1.01	0.07	0.17	0.24	53.0	4,666	4,719	6.88	0.72	479	5,586
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	21.0	20.4	7.79	59.1	0.04	0.05	0.79	0.84	0.05	0.14	0.19	—	3,645	3,645	1.24	0.62	4.42	3,864
Area	0.06	0.39	< 0.005	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.28	1.28	< 0.005	< 0.005	—	1.28
Energy	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	551	551	0.07	0.01	—	554
Water	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Total	21.1	20.8	8.03	59.7	0.04	0.07	0.79	0.86	0.07	0.14	0.21	53.0	4,202	4,255	6.62	0.63	483	5,092
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.84	3.72	1.42	10.8	0.01	0.01	0.14	0.15	0.01	0.03	0.03	—	603	603	0.21	0.10	0.73	640
Area	0.01	0.07	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.21	0.21	< 0.005	< 0.005	—	0.21
Energy	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.2	91.2	0.01	< 0.005	—	91.7
Water	—	—	—	—	—	—	—	—	—	—	—	0.81	0.84	1.65	0.08	< 0.005	—	4.34
Waste	—	—	—	—	—	—	—	—	—	—	—	7.96	0.00	7.96	0.80	0.00	—	27.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79.2	79.2
Total	3.86	3.79	1.47	10.9	0.01	0.01	0.14	0.16	0.01	0.03	0.04	8.77	696	704	1.10	0.10	80.0	843

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.63	1.37	13.7	11.6	0.03	0.60	—	0.60	0.55	—	0.55	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	0.62	0.62	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.90	0.77	< 0.005	0.04	—	0.04	0.04	—	0.04	—	179	179	0.01	< 0.005	—	179
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.6	29.6	< 0.005	< 0.005	—	29.7
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.47	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	72.5	72.5	< 0.005	< 0.005	0.31	73.7
Vendor	0.01	< 0.005	0.15	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	117	117	< 0.005	0.02	0.31	122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	4.41	4.41	< 0.005	< 0.005	0.01	4.48
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.68	7.68	< 0.005	< 0.005	0.01	8.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.74
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.27	1.27	< 0.005	< 0.005	< 0.005	1.33
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.12	1.78	17.5	16.3	0.02	0.83	—	0.83	0.77	—	0.77	—	2,453	2,453	0.10	0.02	—	2,462

Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.29	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	40.3	40.3	< 0.005	< 0.005	—	40.5
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.68	6.68	< 0.005	< 0.005	—	6.70
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.62	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	96.7	96.7	< 0.005	< 0.005	0.42	98.3
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	58.4	58.4	< 0.005	0.01	0.16	61.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	1.47	1.47	< 0.005	< 0.005	< 0.005	1.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.96	0.96	< 0.005	< 0.005	< 0.005	1.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.66	1.38	11.7	12.0	0.02	0.50	—	0.50	0.46	—	0.46	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.66	1.38	11.7	12.0	0.02	0.50	—	0.50	0.46	—	0.46	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	0.46	3.92	4.03	0.01	0.17	—	0.17	0.16	—	0.16	—	737	737	0.03	0.01	—	739
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.72	0.73	< 0.005	0.03	—	0.03	0.03	—	0.03	—	122	122	< 0.005	< 0.005	—	122
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.39	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	60.8	60.8	< 0.005	< 0.005	0.26	61.8
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	69.3	69.3	< 0.005	0.01	0.19	72.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.31	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	54.9	54.9	< 0.005	< 0.005	0.01	55.6
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	69.4	69.4	< 0.005	0.01	< 0.005	72.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	18.8	18.8	< 0.005	< 0.005	0.04	19.1
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.2	23.2	< 0.005	< 0.005	0.03	24.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.12	3.12	< 0.005	< 0.005	0.01	3.16

Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.84	3.84	< 0.005	< 0.005	< 0.005	4.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.58	1.32	11.2	11.9	0.02	0.46	—	0.46	0.42	—	0.42	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.58	1.32	11.2	11.9	0.02	0.46	—	0.46	0.42	—	0.42	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	0.36	3.03	3.22	0.01	0.12	—	0.12	0.11	—	0.11	—	594	594	0.02	< 0.005	—	596
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.55	0.59	< 0.005	0.02	—	0.02	0.02	—	0.02	—	98.4	98.4	< 0.005	< 0.005	—	98.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.36	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	59.4	59.4	< 0.005	< 0.005	0.24	60.4
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	68.4	68.4	< 0.005	0.01	0.19	71.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.28	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	53.7	53.7	< 0.005	< 0.005	0.01	54.4
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	68.4	68.4	< 0.005	0.01	< 0.005	71.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	14.9	14.9	< 0.005	< 0.005	0.03	15.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.5	18.5	< 0.005	< 0.005	0.02	19.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	2.46	2.46	< 0.005	< 0.005	< 0.005	2.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.06	3.06	< 0.005	< 0.005	< 0.005	3.20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.89	0.75	6.44	8.26	0.01	0.31	—	0.31	0.29	—	0.29	—	1,244	1,244	0.05	0.01	—	1,248
Paving	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.18	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	34.1	34.1	< 0.005	< 0.005	—	34.2
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.64	5.64	< 0.005	< 0.005	—	5.66
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.05	0.91	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	151	151	0.01	0.01	0.61	154
Vendor	0.01	0.01	0.22	0.08	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	173	173	< 0.005	0.03	0.47	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.84	3.84	< 0.005	< 0.005	0.01	3.90
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.73	4.73	< 0.005	< 0.005	0.01	4.96
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.64	0.64	< 0.005	< 0.005	< 0.005	0.64
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.78	0.78	< 0.005	< 0.005	< 0.005	0.82
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	9.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	19.4	19.4	< 0.005	< 0.005	0.08	19.8
Vendor	0.01	< 0.005	0.15	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	115	115	< 0.005	0.02	0.31	121
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.55
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	5.62	5.48	1.75	12.5	0.01	0.01	0.20	0.21	0.01	0.04	0.05	—	924	924	0.26	0.14	2.53	975
High Turnover (Sit Down Restaurant)	2.01	1.96	0.63	4.49	< 0.005	< 0.005	0.07	0.08	< 0.005	0.01	0.02	—	337	337	0.09	0.05	0.93	355
Convenience Market with Gas Pumps	15.6	15.2	4.97	35.7	0.03	0.04	0.63	0.66	0.03	0.11	0.15	—	2,825	2,825	0.72	0.40	8.09	2,972
Strip Mall	1.72	1.68	0.51	3.52	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	199	199	0.08	0.04	0.43	213
Total	25.0	24.4	7.86	56.2	0.04	0.06	0.93	0.99	0.05	0.17	0.22	—	4,285	4,285	1.14	0.64	12.0	4,515

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	5.05	4.87	2.02	16.6	0.01	0.01	0.20	0.21	0.01	0.04	0.05	—	887	887	0.34	0.16	0.07	943
High Turnover (Sit Down Restaurant)	1.80	1.74	0.72	5.96	< 0.005	< 0.005	0.07	0.08	< 0.005	0.01	0.02	—	324	324	0.12	0.06	0.02	343
Convenience Market with Gas Pumps	14.1	13.5	5.73	46.9	0.03	0.04	0.63	0.66	0.03	0.11	0.15	—	2,705	2,705	0.95	0.45	0.21	2,862
Strip Mall	1.54	1.49	0.58	4.88	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	194	194	0.10	0.05	0.01	210
Total	22.5	21.6	9.06	74.4	0.04	0.06	0.93	0.99	0.05	0.17	0.22	—	4,110	4,110	1.51	0.71	0.31	4,359
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	0.74	0.72	0.28	2.10	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	123	123	0.04	0.02	0.15	130

High Turnover (Sit Down Restaurant)	0.27	0.26	0.10	0.78	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.6	45.6	0.01	0.01	0.06	48.2
Convenience Market with Gas Pumps	2.57	2.49	0.95	7.22	< 0.005	0.01	0.10	0.10	0.01	0.02	0.02	—	405	405	0.14	0.07	0.49	429
Strip Mall	0.26	0.25	0.09	0.69	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29.5	29.5	0.01	0.01	0.03	31.8
Total	3.84	3.72	1.42	10.8	0.01	0.01	0.14	0.15	0.01	0.03	0.03	—	603	603	0.21	0.10	0.73	640

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	20.7	20.7	< 0.005	< 0.005	—	20.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	56.1	56.1	0.01	< 0.005	—	56.7

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	89.8	89.8	0.01	< 0.005	—	90.6
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	64.7	64.7	0.01	< 0.005	—	65.3
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	27.9	27.9	< 0.005	< 0.005	—	28.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	259	259	0.04	0.01	—	262
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	20.7	20.7	< 0.005	< 0.005	—	20.9
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	56.1	56.1	0.01	< 0.005	—	56.7
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	89.8	89.8	0.01	< 0.005	—	90.6
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	64.7	64.7	0.01	< 0.005	—	65.3
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	27.9	27.9	< 0.005	< 0.005	—	28.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	259	259	0.04	0.01	—	262
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.43	3.43	< 0.005	< 0.005	—	3.47
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	9.29	9.29	< 0.005	< 0.005	—	9.38
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	14.9	14.9	< 0.005	< 0.005	—	15.0
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	10.7	10.7	< 0.005	< 0.005	—	10.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	4.62	4.62	< 0.005	< 0.005	—	4.66
Total	—	—	—	—	—	—	—	—	—	—	—	—	42.9	42.9	0.01	< 0.005	—	43.3

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.6	97.6	0.01	< 0.005	—	97.9
High Turnover (Sit Down Restaurant)	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	156	156	0.01	< 0.005	—	157
Convenience Market with Gas Pumps	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	—	22.0
Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.9
Total	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	292	292	0.03	< 0.005	—	292
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.6	97.6	0.01	< 0.005	—	97.9
High Turnover (Sit Down Restaurant)	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	156	156	0.01	< 0.005	—	157
Convenience Market with Gas Pumps	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	—	22.0

Strip Mall	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.9
Total	0.03	0.01	0.24	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	292	292	0.03	< 0.005	—	292
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.2
High Turnover (Sit Down Restaurant)	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.9	25.9	< 0.005	< 0.005	—	25.9
Convenience Market with Gas Pumps	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.62	3.62	< 0.005	< 0.005	—	3.63
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.62	2.62	< 0.005	< 0.005	—	2.63
Total	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	48.3	48.3	< 0.005	< 0.005	—	48.4

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	0.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.11	0.10	0.01	0.63	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.59	2.59	< 0.005	< 0.005	—	2.60
Total	0.11	0.45	0.01	0.63	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.59	2.59	< 0.005	< 0.005	—	2.60
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.21	0.21	< 0.005	< 0.005	—	0.21
Total	0.01	0.07	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.21	0.21	< 0.005	< 0.005	—	0.21

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.45	1.38	2.84	0.15	< 0.005	—	7.63
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.33	2.21	4.54	0.24	0.01	—	12.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	0.70	1.02	0.03	< 0.005	—	2.08
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.81	0.77	1.59	0.08	< 0.005	—	4.27
Total	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.45	1.38	2.84	0.15	< 0.005	—	7.63
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	2.33	2.21	4.54	0.24	0.01	—	12.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	0.70	1.02	0.03	< 0.005	—	2.08
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.81	0.77	1.59	0.08	< 0.005	—	4.27
Total	—	—	—	—	—	—	—	—	—	—	—	4.91	5.07	9.98	0.50	0.01	—	26.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	0.24	0.23	0.47	0.02	< 0.005	—	1.26
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.39	0.37	0.75	0.04	< 0.005	—	2.02

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.05	0.12	0.17	0.01	< 0.005	—	0.34
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.13	0.13	0.26	0.01	< 0.005	—	0.71
Total	—	—	—	—	—	—	—	—	—	—	—	0.81	0.84	1.65	0.08	< 0.005	—	4.34

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	15.5	0.00	15.5	1.55	0.00	—	54.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	25.7	0.00	25.7	2.56	0.00	—	89.8

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	3.24	0.00	3.24	0.32	0.00	—	11.3
Total	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	15.5	0.00	15.5	1.55	0.00	—	54.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	25.7	0.00	25.7	2.56	0.00	—	89.8
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	3.24	0.00	3.24	0.32	0.00	—	11.3
Total	—	—	—	—	—	—	—	—	—	—	—	48.1	0.00	48.1	4.80	0.00	—	168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	2.57	0.00	2.57	0.26	0.00	—	8.99
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	4.25	0.00	4.25	0.42	0.00	—	14.9
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.12
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.54	0.00	0.54	0.05	0.00	—	1.88
Total	—	—	—	—	—	—	—	—	—	—	—	7.96	0.00	7.96	0.80	0.00	—	27.8

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.91	3.91

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.25	6.25
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.91	3.91
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.25	6.25
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479	479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.04	1.04
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77.5	77.5
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79.2	79.2

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	6/1/2023	7/4/2023	5.00	24.0	—
Grading	Grading	7/5/2023	7/13/2023	5.00	6.00	—
Building Construction	Building Construction	7/14/2023	5/17/2024	5.00	220	—
Paving	Paving	5/18/2024	6/1/2024	5.00	10.0	—
Architectural Coating	Architectural Coating	6/2/2024	6/16/2024	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41

Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	11.9	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	9.10	HHDT,MHDT

Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	11.9	LDA,LDT1,LDT2
Grading	Vendor	2.00	9.10	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	6.29	11.9	LDA,LDT1,LDT2
Building Construction	Vendor	2.37	9.10	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	16.0	11.9	LDA,LDT1,LDT2
Paving	Vendor	6.00	9.10	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.06	11.9	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	9.10	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	21,734	7,245	5,938

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	36.0	0.00	—
Grading	—	—	6.00	0.00	—
Paving	0.00	0.00	0.00	0.00	2.27

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Other Asphalt Surfaces	1.30	100%
Parking Lot	0.97	100%
Fast Food Restaurant with Drive Thru	0.00	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Convenience Market with Gas Pumps	0.00	0%
Strip Mall	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	204	0.03	< 0.005
2024	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fast Food Restaurant with Drive Thru	1,169	1,529	1,173	445,571	696	382	293	216,742
High Turnover (Sit Down Restaurant)	429	468	545	164,621	257	117	136	80,213
Convenience Market with Gas Pumps	4,242	4,242	4,242	1,548,301	2,228	1,060	1,060	691,537
Strip Mall	471	447	217	157,570	118	112	54.3	39,392

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	21,734	7,245	5,938

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Other Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00
Parking Lot	37,090	204	0.0330	0.0040	0.00
Fast Food Restaurant with Drive Thru	100,384	204	0.0330	0.0040	304,627
High Turnover (Sit Down Restaurant)	160,614	204	0.0330	0.0040	487,403
Convenience Market with Gas Pumps	115,699	204	0.0330	0.0040	68,307
Strip Mall	49,920	204	0.0330	0.0040	49,425

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

Other Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	0.00
Fast Food Restaurant with Drive Thru	758,834	0.00
High Turnover (Sit Down Restaurant)	1,214,135	0.00
Convenience Market with Gas Pumps	167,315	403,537
Strip Mall	424,436	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Other Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	0.00
Fast Food Restaurant with Drive Thru	28.8	0.00
High Turnover (Sit Down Restaurant)	47.6	0.00
Convenience Market with Gas Pumps	6.78	0.00
Strip Mall	6.02	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Convenience Market with Gas Pumps	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Convenience Market with Gas Pumps	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit

Temperature and Extreme Heat	18.9	annual days of extreme heat
Extreme Precipitation	2.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	13.4	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	55.4
AQ-PM	53.4
AQ-DPM	42.7
Drinking Water	98.8
Lead Risk Housing	6.19

Pesticides	83.8
Toxic Releases	49.9
Traffic	36.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	57.2
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	58.7
Solid Waste	88.9
Sensitive Population	—
Asthma	89.7
Cardio-vascular	92.6
Low Birth Weights	27.6
Socioeconomic Factor Indicators	—
Education	41.6
Housing	7.69
Linguistic	13.3
Poverty	22.9
Unemployment	66.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	62.8127807
Employed	49.30065443
Median HI	67.57346336

Education	—
Bachelor's or higher	43.80854613
High school enrollment	100
Preschool enrollment	4.478378032
Transportation	—
Auto Access	67.17567047
Active commuting	20.54407802
Social	—
2-parent households	79.73822661
Voting	83.58783524
Neighborhood	—
Alcohol availability	91.6078532
Park access	39.76645708
Retail density	9.534197357
Supermarket access	30.77120493
Tree canopy	56.25561401
Housing	—
Homeownership	89.79853715
Housing habitability	88.99011934
Low-inc homeowner severe housing cost burden	87.11664314
Low-inc renter severe housing cost burden	80.39266008
Uncrowded housing	80.21301168
Health Outcomes	—
Insured adults	73.18105993
Arthritis	11.5
Asthma ER Admissions	7.7
High Blood Pressure	9.1

Cancer (excluding skin)	12.2
Asthma	51.9
Coronary Heart Disease	19.3
Chronic Obstructive Pulmonary Disease	35.3
Diagnosed Diabetes	55.5
Life Expectancy at Birth	42.2
Cognitively Disabled	60.3
Physically Disabled	27.7
Heart Attack ER Admissions	16.8
Mental Health Not Good	66.0
Chronic Kidney Disease	35.4
Obesity	44.4
Pedestrian Injuries	70.8
Physical Health Not Good	60.5
Stroke	39.4
Health Risk Behaviors	—
Binge Drinking	36.9
Current Smoker	60.5
No Leisure Time for Physical Activity	58.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	58.1
Elderly	12.9
English Speaking	65.9
Foreign-born	19.5
Outdoor Workers	75.3

Climate Change Adaptive Capacity	—
Impervious Surface Cover	54.3
Traffic Density	60.0
Traffic Access	0.0
Other Indices	—
Hardship	40.3
Other Decision Support	—
2016 Voting	83.2

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	65.0
Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	No demolition.
Construction: Trips and VMT	Odd trips rounded up to account for whole round trips. Onsite emissions only.
Operations: Vehicle Data	Based on traffic report. Onsite emissions only.

Appendix B
HRA

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MEMORANDUM

To:	Paul Kamboj, Two Guys Food and Fuel
From:	Adam Poll, Dudek
Subject:	Refined Health Risk Assessment for the Manteca Gas Station Project
Date:	March 21, 2023
Attachments:	A – Emission Calculations
	B – AERMOD and HARP Modeling Files

1 Introduction

1.1 Purpose

Dudek prepared a health risk assessment (HRA) modeling analysis to estimate health risk impacts on proximate sensitive receptors from exposure to toxic air contaminant (TAC) emissions from operation of the proposed Manteca Gas Station project (proposed project) located at the southeast corner of S. Airport Way and W. Lathrop Road, Manteca, CA 95336. The project is currently in the design review phase with the City of Manteca (City).

The analysis in this HRA uses air dispersion modeling methodology to evaluate potential public health risks associated with the project. Results of the modeling analysis are compared with the most recent significance thresholds established by the San Joaquin Valley Air Pollution Control District (SJVAPCD) in accordance with the SJVAPCD's *Guidelines for Air Dispersion Modeling* (SJVAPCD 2006) and *Update to District's Risk Management Policy to Address OEHHA's Revised Risk Assessment Guidance Document* (SJVAPCD 2015).

1.2 Facility Information

Stationary Source Name: Manteca Gas Station Project

Stationary Source Identification Number (SSID): NA

Location: southeast corner of N. Airport Way and E. Lathrop Road, Manteca

All facility names and facility identification numbers (FIDs) associated with the stationary source: NA

Location (street address and UTM coordinates, including datum): southeast corner of N. Airport Way and E. Lathrop Road, Manteca, CA 95336; (653749.84 m E, 4187940.04 m N); WGS84.

The boundary locations for the facility are provided in Attachment A. The property boundary coordinates were used to set up the receptor grid for dispersion modeling.

Description of stationary source operations: The proposed project consists of a convenience store, fueling pumps, car wash, quick-serve restaurant, and retail. The fueling station includes 8 dispensers with 16 fueling positions, dispensing regular and supreme grades of gasoline and diesel.

Plot plan of stationary source: See Figure 1 for the plot plan and the aerial map Figure 2 for the project site.

W. LATHROP ROAD

S. AIRPORT WAY

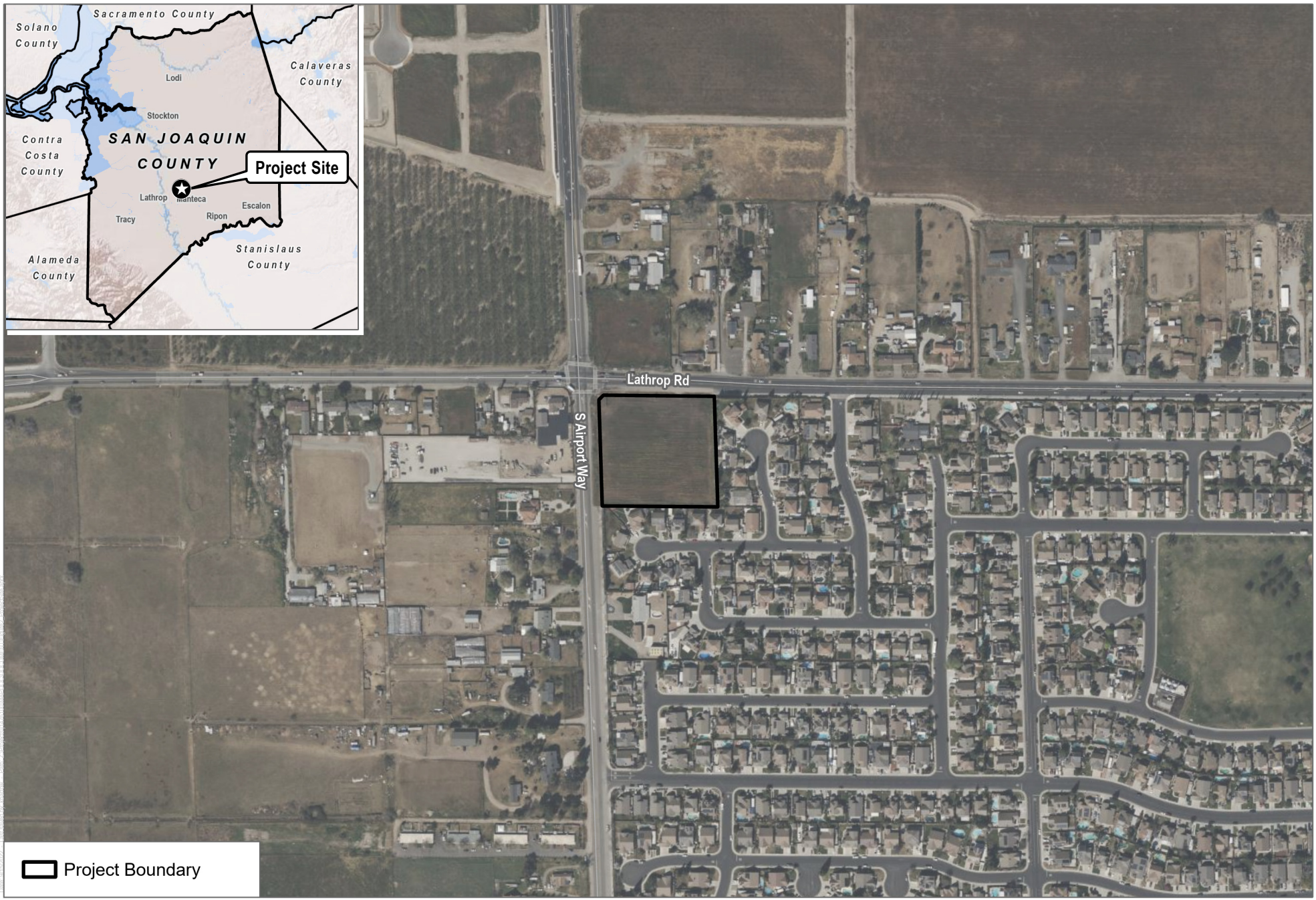
QSR
2,500 S.F.

C-STORE
3,410 S.F.

CAR WASH
1,300 S.F.

RETAIL
7,828 S.F.

RETAIL
1,908 S.F.



SOURCE: Bing Maps Aerial 2022, Open Streets Map 2019

DUDEK

0 205 410 Feet

Figure 2

Project Site

Manteca Gas Station HRA

2 Source and Emission Inventory Information

The California Air Resources Board (CARB) *Gasoline Service Station Industrywide Risk Assessment Technical Guidance* was relied upon to estimate emissions from the project (CARB 2022a). The guidance document provides emission factors for estimating total organic gases (TOG) from the project along with toxic air contaminant (TAC) speciation. TOG emissions were estimated for loading, breathing, refueling, spillage, and hose permeation. It was assumed that the proposed project would have an EVR hose type. The fueling emissions factor was scaled based on the default percentage of vehicles with and without on-board refueling vapor recovery (ORVR) (83% ORVR and 17% non-ORVR). The annual and maximum hourly emissions were estimated using the toxic weight percentages in Tables 11 and 12 of CARB's guidelines (CARB 2022a). As the proposed project would have an annual throughput of approximately 2.1 million gallons per year, the Phase II hourly throughput of 700 gallons per hour was assumed. Table 1 shows the estimated annual and maximum hourly emissions for the project by source. Detailed emission calculations are provided in Attachment A. It should be noted that only toxic air contaminants with an acute reference exposure level were estimated for maximum hourly emissions.

Table 1. Emissions Inventory

Source	TOG	Benzene	Ethyl Benzene	n-Hexane	Naphthalene	Propylene	Toluene	Xylenes
Annual Emissions (lb/year)								
Loading	3.10E+02	1.41E+00	3.31E-01	5.63E+00	5.63E+00	1.11E-02	3.44E+00	1.27E+00
Breathing	4.95E+01	2.26E-01	5.30E-02	9.02E-01	2.20E-04	1.78E-03	5.50E-01	2.03E-01
Refueling	1.83E+02	8.38E-01	1.96E-01	3.34E+00	8.16E-04	6.59E-03	2.04E+00	7.50E-01
Spillage	4.95E+02	3.50E+00	6.39E+00	9.21E+00	8.62E-01	6.04E-04	2.79E+01	3.26E+01
Hose Permeation	1.86E+01	8.49E-02	1.99E-02	3.38E-01	8.27E-05	6.68E-04	2.06E-01	7.60E-02
Hourly Emissions (lb/hr)								
Loading	1.05E-01	5.76E-04	NA	NA	NA	NA	1.42E-03	5.34E-04
Breathing	1.68E-02	9.22E-05	NA	NA	NA	NA	2.27E-04	8.55E-05
Refueling	6.22E-02	3.41E-04	NA	NA	NA	NA	8.39E-04	3.17E-04
Spillage	1.68E-01	1.18E-03	NA	NA	NA	NA	9.74E-03	1.16E-02
Hose Permeation	6.30E-03	3.46E-05	NA	NA	NA	NA	8.51E-05	3.21E-05

Source: Attachment A.
Notes: lb/hr = pound per hour; lb/year = pound per year; NA = not applicable; TOG = total organic gases.

3 Modeling Methodology

The dispersion modeling was performed using American Meteorological Society/U.S. Environmental Protection Agency Regulatory Model (AERMOD) View Version 11.0.1, which is the model SJVAPCD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain (EPA 2017). The health database version 22118 was used in HARP2 (CARB 2022b). The AERMOD modeling parameters were based on the CARB Guidance (CARB 2022). Table 2 provides the principle modeling parameters used in the assessment. All available electronic input and output files associated with the AERMOD and HARP2 modeling was included in Attachment B.

Table 2. American Meteorological Society/Environmental Protection Agency Regulatory Model Principle Parameters

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Stockton Airport air monitoring station (23237) was used for the dispersion modeling. A 5-year meteorological data set from 2013 through 2017 was obtained from the SJVAPCD in a preprocessed format suitable for use in AERMOD (SJVAPCD 2021).
Urban versus Rural Option	Rural dispersion option was selected due to the undeveloped nature of the Project area and per SJVAPCD guidelines.
Terrain Characteristics	The elevation of the site is 26 feet above sea level and the surrounding area is predominantly flat.
Elevation Data	Digital elevation data were imported into AERMOD and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the United States Geological Survey's National Elevation Dataset format with a resolution of 1/3 degree (approximately 10 meters), consistent with the SJVAPCD guidance (SJVAPCD 2006).
Source Release Characterizations	Loading and breathing emissions from the vent stack were modeled as point sources with a release height of 3.66 meters, stack diameter of 0.0508 meters, exit velocity of 0.001 meters per second, and temperature (291 K for loading and 289 K for breathing) (CARB 2022a). Fueling and hose permeation emissions were modeled as volume sources with height of 4 meters, width and length of 13 meters, and release height of 1.5 meters. Spillage emissions were modeled as volume sources with height of 4 meters, width and length of 13 meters, and release height of 1 meter.
Regulatory Options	Default regulatory options were used in AERMOD.
Building Downwash	Building downwash was incorporated for the proposed buildings onsite using the BPIP-PRIME within AERMOD.

Note: See Attachment B.

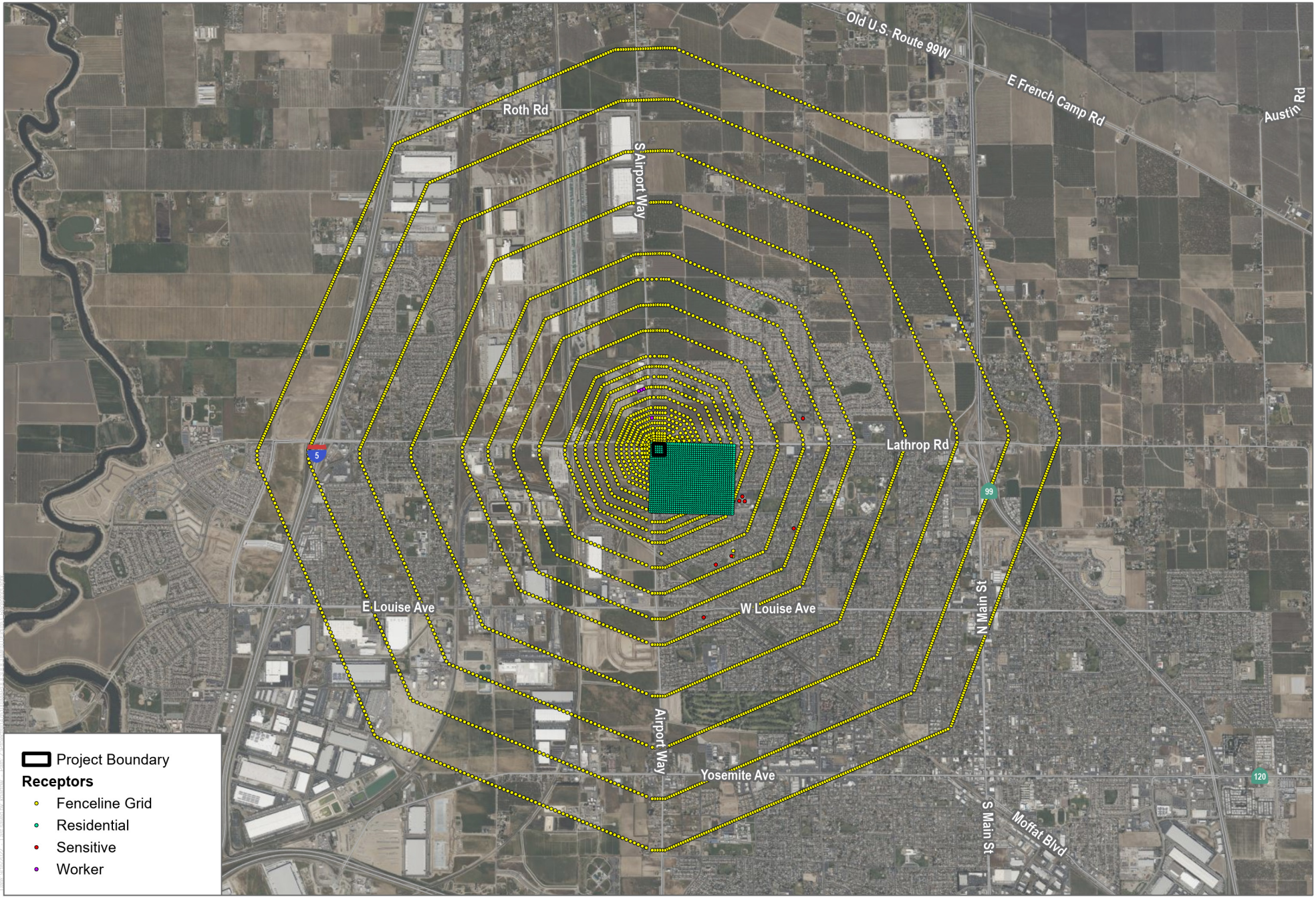
Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. Maximum Individual Cancer Risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 70 years for residential receptor locations and 40 years for worker locations (SJVAPCD 2015). Cancer risk less than 20 in 1 million means that adverse health effects are not expected. The deposition rate of 0.02 meters per second was used (SJVAPCD 2015). Due to the proximity to agricultural land uses, in addition to the inhalation,

soil ingestion, dermal, and mothers milk pathways, the homegrown produce, beef, dairy cows, pigs, chickens, and eggs pathways were included in HARP2. For the inhalation pathway, the fraction of time at home was not included. The "households that farm" option was selected for the homegrown produce, beef, dairy cows, pigs, chickens, and eggs pathways.

The SJVAPCD has also established noncarcinogenic risk parameters for use in HRAs since some TACs increase noncancerous health risk due to long-term (chronic) exposures and some TACs increase noncancerous health risk due to short-term (acute) exposures. Chronic exposure is evaluated in the construction HRA. Noncarcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or REL, which is a concentration at or below which health effects are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. The acute hazard index is the sum of the individual substance acute hazard indices for all TACs affecting the same target organ system. A hazard index less of than one (1.0) means that adverse health effects are not expected.

4 Receptors Used for Evaluating Modeled Impacts

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). SJVAPCD considers schools, daycare centers, hospitals, care facilities (adult/elderly), and residences within 2 kilometers (1.2 miles) of the facility as sensitive receptor land uses (SJVAPCD 2006). The closest sensitive receptor to the project site are future residences adjacent to the eastern and southern boundary of the property. The site is located within a residential and agricultural area and the predominant receptor type is residential within 2 kilometers. There are also worker receptors within 2 kilometers of the site. A fenceline grid of 25 meter spacing was created out to 100 meters; 50 meter spacing out to 200 meters; 100 meter spacing out to 500 meters; 250 meter spacing out to 1,000 meters; and 500 meter spacing out to 2,000 meters. Additional uniform cartesian grids were placed over residential receptors of 20 meter spacing out to 650 meters from the property. The following sensitive receptors were identified within 2 kilometers of the site: The Commons at Union Ranch, George Mc Parland School, East Union High School, Kimball Place Daycare, Lyrics & Legos Childcare, Busy Bee's Daycare, and Vu's WeeCare. Figure 3 shows the residential, worker, and sensitive receptors within 2,000 meters of the site.



SOURCE: Bing Maps Aerial 2022, Open Streets Map 2019, Dudek 2022

DUDEK

0 2,000 4,000 Feet

Figure 3

Receptors

Manteca Gas Station HRA

5 Summary of Results

A summary of the results of the HRA are provided in Tables 2 through 5. AERMOD and HARP 2 outputs are contained in Attachment B.

Table 2. Summary of Cancer Health Risk Results

Receptor Type	Receptor Number	UTME (m)	UTMN (m)	Cancer Risk (in a million)	Significance Threshold (in a million)
Offsite PMI	1289	653690.13	4187968.38	6.9	NA
MEIR	1359	653655.14	4187974.84	3.7	≥20
MEIW	5380	653635.37	4188024.39	0.2	≥20
Sensitive Receptor*	1373	654582.91	4187495.31	0.1	≥20

Source: Attachment B.
Notes: PMI = point of maximum impact; m = meters; MEIR = maximally exposed individual resident; MEIW = maximally exposed individual worker; UTME = Universal Transverse Mercator East; UTMN = Universal Transverse Mercator North.
* The sensitive receptor with the highest health risk is George McParland Elementary School.

Table 3. Summary of Chronic Non-Cancer Health Risk Results

Receptor Type	Receptor Number	UTME (m)	UTMN (m)	Chronic HI	Health Endpoint(s)	Significance Threshold (HI)
Offsite PMI	6171	653712.29	4187988.66	0.01	Central nervous system; kidney; alimentary; reproductive; respiratory; eye; endocrine; blood	NA
MEIR	1359	653655.14	4187974.84	0.005	Central nervous system; kidney; alimentary; reproductive; respiratory; eye; endocrine; blood	>1
MEIW	5380	653635.37	4188024.39	0.003	Central nervous system; kidney; alimentary; reproductive; respiratory; eye; endocrine; blood	>1
Sensitive Receptor*	1373	654582.91	4187495.31	0.0001	Central nervous system; kidney; alimentary; reproductive; respiratory; eye; endocrine; blood	>1

Source: Attachment B.

Notes: PMI = point of maximum impact; HI = hazard index; m = meters; MEIR = maximally exposed individual resident; MEIW = maximally exposed individual worker; UTME = Universal Transverse Mercator East; UTMN = Universal Transverse Mercator North.
* The sensitive receptor with the highest health risk is George McParland Elementary School.

Table 4. Summary of 8-Hour Chronic Non-Cancer Health Risk Results

Receptor Type	Receptor Number	UTME (m)	UTMN (m)	Chronic HI	Health Endpoint(s)	Significance Threshold (HI)
Offsite PMI	6171	653712.29	4187988.66	0.01	Eye, blood	NA
MEIR	1359	653655.14	4187974.84	0.005	Eye, blood	>1
MEIW	5380	653635.37	4188024.39	0.003	Eye, blood	>1
Sensitive Receptor	1373	654582.91	4187495.31	0.0001	Eye, blood	>1

Source: Attachment B.
Notes: PMI = point of maximum impact; HI = hazard index; m = meters; MEIR = maximally exposed individual resident; MEIW = maximally exposed individual worker; UTME = Universal Transverse Mercator East; UTMN = Universal Transverse Mercator North.
* The sensitive receptor with the highest health risk is George McParland Elementary School.

Table 5. Summary of Acute Non-Cancer Health Risk Results

Receptor Type	Receptor Number	UTME (m)	UTMN (m)	Acute HI	Health Endpoint(s)	Significance Threshold (HI)
Offsite PMI	1289	653690.13	4187968.38	0.2	Immune system, reproductive, respiratory, eye, blood	NA
MEIR	1359	653655.14	4187974.84	0.08	Immune system, reproductive, respiratory, eye, blood	>1
MEIW	5380	653635.37	4188024.39	0.05	Immune system, reproductive, respiratory, eye, blood	>1
Sensitive Receptor*	1374	654554.33	4187451.49	0.003	Immune system, reproductive, respiratory, eye, blood	>1

Source: Attachment B.
Notes: PMI = point of maximum impact; HI = hazard index; m = meters; MEIR = maximally exposed individual resident; MEIW = maximally exposed individual worker; UTME = Universal Transverse Mercator East; UTMN = Universal Transverse Mercator North.
* The sensitive receptor with the highest health risk is George McParland Elementary School.

6 Isopleth Maps and Aerial Photos

As shown in Tables 2 through 5 in Section 5, the non-cancer risk (chronic and 8-hour chronic) did not exceed 0.1. The cancer risk exceeded 1 in 1 million and the PMI and the acute non-cancer risk exceeded 0.1 at the PMI. As such, an isopleth for cancer risk over 1 in 1 million is shown in Figure 4 and acute non-cancer risk over 0.1 is provided below as Figure 5.



SOURCE: Bing Maps Aerial 2022, Open Streets Map 2019, Dudek 2022

DUDEK

0 125 250 Feet

Figure 4

Cancer Risk Isopleth Over 1 in 1 Million

Manteca Gas Station HRA



SOURCE: Bing Maps Aerial 2022, Open Streets Map 2019, Dudek 2022

DUDEK

0 125 250 Feet

Figure 5

Acute Non-Cancer Risk Isopleth Over 0.1

Manteca Gas Station HRA

7 Conclusions

As shown in Section 5, the results of the HRA are less than significant for the operation of the proposed project. The AERMOD and HARP 2 outputs are contained in Attachment B. Based on this analysis, the residential and worker receptors in close proximity to the project would not be exposed to TACs at levels above significance thresholds established by SJVAPCD.

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and SJVAPCD tend to over-predict impacts such that they produce conservative (i.e., health-protective) results. Accordingly, the health impacts are not expected to be higher than those estimated in this assessment.

As such, the proposed project would not result in significant impacts to proximate residential and worker receptors.

Sincerely,



Adam Poll, QEP, LEED AP BD+C
Senior Air Quality Specialist

8 References Cited

CARB (California Air Resources Board). 2022a. Gasoline Service Station Industrywide Risk Assessment Technical Guidance. February 18. Accessed September 2022. https://ww2.arb.ca.gov/sites/default/files/2022-03/Draft%202022%20Gas%20Station%20IWG%20-%20Technical%20Guidance_ADA%20Compliant.pdf.

CARB. 2022b. Hotspots Analysis and Reporting Program Version 2 (HARP 2) Risk Assessment Standalone Tool (RAST), Version 22118. Accessed April 2022. http://www.arb.ca.gov/toxics/harp/rast.htm.

OEHHA (Office of Environmental Health Hazard Assessment). 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments*. February 2015. Accessed October 2017. http://oehha.ca.gov/air/hot_spots/2015/2015GuidanceManual.pdf.

SJVAPCD (San Joaquin Valley Air Pollution Control District). 2006. Guidance for Air Dispersion Modeling. August. Accessed September 2022. http://www.valleyair.org/busind/pto/Tox_Resources/Modeling%20Guidance.pdf.

SJVAPCD. 2015. Update to District's Risk Management Policy to Address OEHHA's Revised Risk Assessment Guidance Document. May 28. Accessed September 2022. http://www.valleyair.org/busind/pto/staff-report-5-28-15.pdf.

Attachment A

Emission Calculations

TOG Emissions

	ROC Emission Factor	Units
Loading	0.15	lb/1000 gal
Breathing	0.024	lb/1000 gal
Refueling	0.08883	lb/1000 gal
Spillage	0.24	lb/1000 gal
Hose Permeation	0.009	lb/1000 gal

Throughput	
2064000	gallons/year
700	gallons/hour

Annual Emissions Toxic Weight %		
TAC	**Weight % in Liquid**	**Weight % in Vapor**
Benzene	0.707	0.457
Ethyl Benzene	1.29	0.107
n-Hexane	1.86	1.82
Naphthalene	0.174	0.000445
Propylene	0.000122	0.003594
Toluene	5.63	1.11
Xylenes	6.59	0.409

Max Hourly Emissions Toxic Weight %		
TAC	**Weight % in Liquid**	**Weight % in Vapor**
Benzene	0.702	0.549
Toluene	5.8	1.35
Xylenes	6.91	0.509

	Annual Emissions (lb/year)							
	TOG	**Benzene**	**Ethyl Benzene**	**n-Hexane**	**Naphthalene**	**Propylene**	**Toluene**	**Xylenes**
Loading	3.10E+02	1.41E+00	3.31E-01	5.63E+00	5.63E+00	1.11E-02	3.44E+00	1.27E+00
Breathing	4.95E+01	2.26E-01	5.30E-02	9.02E-01	2.20E-04	1.78E-03	5.50E-01	2.03E-01
Refueling	1.83E+02	8.38E-01	1.96E-01	3.34E+00	8.16E-04	6.59E-03	2.04E+00	7.50E-01
Spillage	4.95E+02	3.50E+00	6.39E+00	9.21E+00	8.62E-01	6.04E-04	2.79E+01	3.26E+01
Hose Permeation	1.86E+01	8.49E-02	1.99E-02	3.38E-01	8.27E-05	6.68E-04	2.06E-01	7.60E-02

	Max Hourly Emissions (lb/hr)			
	TOG	**Benzene**	**Toluene**	**Xylenes**
Loading	1.05E-01	5.76E-04	1.42E-03	5.34E-04
Breathing	1.68E-02	9.22E-05	2.27E-04	8.55E-05
Refueling	6.22E-02	3.41E-04	8.39E-04	3.17E-04
Spillage	1.68E-01	1.18E-03	9.74E-03	1.16E-02
Hose Permeation	6.30E-03	3.46E-05	8.51E-05	3.21E-05

Source: TOG emission factors and toxic weight percentages taken from CARB's Gasoline Service Station Industrywide Risk Assessment Technical Guidance, February 18, 2022.

Attachment B

AERMOD and HARP Modeling Files

Table of Contents

Manteca Gas Station AERMOD.sum	2
Manteca Gas Station AERMOD.ADO	12
ResidentialOutput	1758
ResidentialCancerRiskSumByRec	1761
ResidentialNCAcuteRiskSumByRec	1823
ResidentialNCChronicRiskSumByRec	1947
8HROutput	2071
8HRNCChronic8HrRiskSumByRec	2073
WorkerOutput	2197
WorkerCancerRiskSumByRec	2199
WorkerNCAcuteRiskSumByRec	2261
WorkerNCChronicRiskSumByRec	2385

```
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  VOCS

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:      8 Source(s);       5 Source Group(s); and    6174
Receptor(s)

                with:      2 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      6 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
```

```
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     7.90 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.3 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Manteca Gas Station AERMOD.err

 **File for Summary of Results:   Manteca Gas Station AERMOD.sum

 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
```

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\Stockton_2013-2017.SFC
Met Version: 18081
Profile file: ..\Stockton_2013-2017.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23237 Upper air station no.: 23230
Name: UNKNOWN Name:

OAKLAND/WSO_AP

Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-22.0	0.211	-9.000	-9.000	-999.	232.	48.8	0.07	2.20	1.00	2.78	149.	10.0	273.8	2.0
13	01	01	1	02	-14.6	0.158	-9.000	-9.000	-999.	152.	27.6	0.04	2.20	1.00	2.37	77.	10.0	273.8	2.0
13	01	01	1	03	-18.4	0.181	-9.000	-9.000	-999.	185.	36.0	0.06	2.20	1.00	2.52	97.	10.0	273.1	2.0
13	01	01	1	04	-6.7	0.105	-9.000	-9.000	-999.	84.	16.0	0.04	2.20	1.00	1.63	349.	10.0	272.5	2.0
13	01	01	1	05	-20.1	0.193	-9.000	-9.000	-999.	203.	40.9	0.04	2.20	1.00	2.86	356.	10.0	274.2	2.0
13	01	01	1	06	-3.9	0.081	-9.000	-9.000	-999.	64.	12.6	0.04	2.20	1.00	1.23	77.	10.0	273.8	2.0
13	01	01	1	07	-18.3	0.180	-9.000	-9.000	-999.	184.	35.8	0.06	2.20	1.00	2.52	255.	10.0	273.1	2.0
13	01	01	1	08	-26.9	0.259	-9.000	-9.000	-999.	316.	73.8	0.08	2.20	0.73	3.29	287.	10.0	274.2	2.0
13	01	01	1	09	-1.9	0.212	-9.000	-9.000	-999.	236.	461.6	0.05	2.20	0.39	2.81	315.	10.0	275.9	2.0
13	01	01	1	10	61.1	0.155	0.630	0.005	150.	147.	-5.5	0.04	2.20	0.27	1.60	336.	10.0	277.5	2.0
13	01	01	1	11	110.2	0.238	1.137	0.005	488.	279.	-11.2	0.06	2.20	0.23	2.45	228.	10.0	279.9	2.0
13	01	01	1	12	137.1	0.276	1.492	0.008	886.	347.	-14.0	0.08	2.20	0.22	2.69	286.	10.0	280.4	2.0
13	01	01	1	13	141.1	0.271	1.531	0.007	929.	339.	-12.9	0.05	2.20	0.21	2.88	325.	10.0	282.5	2.0
13	01	01	1	14	121.3	0.232	1.475	0.006	965.	269.	-9.4	0.04	2.20	0.22	2.57	356.	10.0	283.8	2.0
13	01	01	1	15	78.7	0.218	1.287	0.005	988.	244.	-12.0	0.04	2.20	0.26	2.47	357.	10.0	284.2	2.0
13	01	01	1	16	17.6	0.265	0.783	0.005	993.	327.	-96.0	0.03	2.20	0.35	3.59	2.	10.0	284.2	2.0
13	01	01	1	17	-11.2	0.143	-9.000	-9.000	-999.	139.	24.1	0.04	2.20	0.60	2.16	346.	10.0	282.5	2.0
13	01	01	1	18	-8.7	0.125	-9.000	-9.000	-999.	107.	20.6	0.08	2.20	1.00	1.67	273.	10.0	279.2	2.0
13	01	01	1	19	-13.3	0.154	-9.000	-9.000	-999.	145.	26.0	0.06	2.20	1.00	2.15	238.	10.0	278.1	2.0
13	01	01	1	20	-10.2	0.134	-9.000	-9.000	-999.	117.	21.4	0.06	2.20	1.00	1.89	230.	10.0	275.9	2.0
13	01	01	1	21	-12.5	0.148	-9.000	-9.000	-999.	137.	24.2	0.05	2.20	1.00	2.11	300.	10.0	276.4	2.0

```
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.05   2.20
1.00    0.00    0.   10.0  275.9    2.0
 13 01 01   1 23  -24.0  0.230 -9.000 -9.000 -999.  264.     57.9  0.04   2.20
1.00    3.36   80.   10.0  274.2    2.0
 13 01 01   1 24  -16.1  0.169 -9.000 -9.000 -999.  167.     31.3  0.06   2.20
1.00    2.36  100.   10.0  274.2    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1  149.    2.78   273.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                    ** CONC OF VOCS     IN MICROGRAMS/M**3
             **


                        NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

LOAD      1ST HIGHEST VALUE IS     347.89665 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
          2ND HIGHEST VALUE IS     322.56280 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
          3RD HIGHEST VALUE IS     298.43907 AT (  653690.13,  4187968.38,     8.18,
    8.18,    0.00)  DC
          4TH HIGHEST VALUE IS     283.55755 AT (  653690.13,  4187988.38,     8.21,
    8.21,    0.00)  DC
          5TH HIGHEST VALUE IS     274.86901 AT (  653690.13,  4187948.38,     8.16,
    8.16,    0.00)  DC
          6TH HIGHEST VALUE IS     232.25993 AT (  653689.92,  4187978.71,     8.20,
    8.20,    0.00)  DC
          7TH HIGHEST VALUE IS     212.68983 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
          8TH HIGHEST VALUE IS     209.92896 AT (  653655.14,  4187974.84,     8.13,
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    8.13,    0.00)  DC
          9TH HIGHEST VALUE IS     203.34136 AT (  653652.19,  4188005.90,     8.14,
    8.14,    0.00)  DC
         10TH HIGHEST VALUE IS     191.38412 AT (  653665.85,  4187956.74,     8.13,
    8.13,    0.00)  DC

BREATH    1ST HIGHEST VALUE IS     341.90209 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
          2ND HIGHEST VALUE IS     339.16764 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
          3RD HIGHEST VALUE IS     302.47645 AT (  653690.13,  4187968.38,     8.18,
    8.18,    0.00)  DC
          4TH HIGHEST VALUE IS     284.14151 AT (  653690.13,  4187948.38,     8.16,
    8.16,    0.00)  DC
          5TH HIGHEST VALUE IS     219.88905 AT (  653655.14,  4187974.84,     8.13,
    8.13,    0.00)  DC
          6TH HIGHEST VALUE IS     218.06048 AT (  653712.29,  4187988.66,     8.26,
    8.26,    0.00)  DC
          7TH HIGHEST VALUE IS     216.42771 AT (  653652.19,  4188005.90,     8.14,
    8.14,    0.00)  DC
          8TH HIGHEST VALUE IS     212.14835 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
          9TH HIGHEST VALUE IS     206.36061 AT (  653690.13,  4187988.38,     8.21,
    8.21,    0.00)  DC
         10TH HIGHEST VALUE IS     198.21066 AT (  653665.85,  4187956.74,     8.13,
    8.13,    0.00)  DC

FUEL      1ST HIGHEST VALUE IS     527.70330 AT (  653712.29,  4187988.66,     8.26,
    8.26,    0.00)  DC
          2ND HIGHEST VALUE IS     427.89183 AT (  653699.03,  4187987.00,     8.23,
    8.23,    0.00)  DC
          3RD HIGHEST VALUE IS     404.06156 AT (  653690.13,  4187968.38,     8.18,
    8.18,    0.00)  DC
          4TH HIGHEST VALUE IS     373.16744 AT (  653689.92,  4187978.71,     8.20,
    8.20,    0.00)  DC
          5TH HIGHEST VALUE IS     319.26563 AT (  653690.13,  4187988.38,     8.21,
    8.21,    0.00)  DC
          6TH HIGHEST VALUE IS     287.23143 AT (  653690.13,  4187948.38,     8.16,
    8.16,    0.00)  DC
          7TH HIGHEST VALUE IS     199.59906 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
          8TH HIGHEST VALUE IS     196.83539 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
          9TH HIGHEST VALUE IS     186.22723 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
         10TH HIGHEST VALUE IS     179.91052 AT (  653690.13,  4187928.38,     8.13,
    8.13,    0.00)  DC

SPILL     1ST HIGHEST VALUE IS     551.10281 AT (  653712.29,  4187988.66,     8.26,
    8.26,    0.00)  DC
```

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	1439.05084 AT (653712.29, 4187988.66, 8.26, 8.26, 0.00)	DC	
	2ND HIGHEST VALUE IS	1428.43997 AT (653690.13, 4187968.38, 8.18, 8.18, 0.00)	DC	
	3RD HIGHEST VALUE IS	1166.99000 AT (653689.92, 4187978.71, 8.20, 8.20, 0.00)	DC	
	4TH HIGHEST VALUE IS	1145.20627 AT (653690.13, 4187948.38, 8.16, 8.16, 0.00)	DC	
	5TH HIGHEST VALUE IS	1137.70895 AT (653690.13, 4187988.38, 8.21, 8.21, 0.00)	DC	

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      6TH HIGHEST VALUE IS    1093.10658 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
      7TH HIGHEST VALUE IS    1037.62760 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
      8TH HIGHEST VALUE IS     907.48356 AT (  653699.03,  4187987.00,     8.23,
    8.23,    0.00)  DC
      9TH HIGHEST VALUE IS     822.31896 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
     10TH HIGHEST VALUE IS     738.62304 AT (  653665.85,  4187956.74,     8.13,
    8.13,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
             **

                                                    DATE
                                         NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

LOAD     HIGH   1ST HIGH VALUE IS   21405.26736  ON 13121109: AT (  653712.29,
4187988.66,     8.26,     8.26,    0.00)  DC

BREATH   HIGH   1ST HIGH VALUE IS   17283.07606  ON 13120909: AT (  653690.13,
4187968.38,     8.18,     8.18,    0.00)  DC

FUEL     HIGH   1ST HIGH VALUE IS   14869.58995  ON 17011121: AT (  653690.13,
4187968.38,     8.18,     8.18,    0.00)  DC

SPILL    HIGH   1ST HIGH VALUE IS   17350.00487  ON 17011121: AT (  653690.13,
4187968.38,     8.18,     8.18,    0.00)  DC
```

ALL   HIGH   1ST HIGH VALUE IS   39028.23202 ON 13121109: AT (653712.29,
4187988.66,   8.26,   8.26,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   11 Warning Message(s)
 A Total of   971 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   442 Calm Hours Identified

 A Total of   529 Missing Hours Identified (1.21 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   159   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   159   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W420   34276   METQA: Wind Speed Out-of-Range.   KURDAT =
 16112904
 MX W420   34282   METQA: Wind Speed Out-of-Range.   KURDAT =
 16112910
 MX W420   34288   METQA: Wind Speed Out-of-Range.   KURDAT =
 16112916
 MX W420   34294   METQA: Wind Speed Out-of-Range.   KURDAT =
 16112922
 MX W420   34300   METQA: Wind Speed Out-of-Range.   KURDAT =
 16113004

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MX W420   40768        METQA: Wind Speed Out-of-Range.   KURDAT =
17082616
MX W420   40792        METQA: Wind Speed Out-of-Range.   KURDAT =
17082716
MX W420   40798        METQA: Wind Speed Out-of-Range.   KURDAT =
17082722
MX W420   40804        METQA: Wind Speed Out-of-Range.   KURDAT =
17082804
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.1
** Lakes Environmental Software Inc.
** Date: 10/29/2022
** File: F:\Lakes\Manteca Gas Station\Manteca Gas Station AERMOD\Manteca Gas Station
AERMOD.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID VOCS
   RUNORNOT RUN
   ERRORFIL "Manteca Gas Station AERMOD.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      653703.810  4187982.170        8.240
** DESCRSRC Loading
   LOCATION STCK2        POINT      653701.210  4187982.820        8.230
** DESCRSRC Breathing
   LOCATION VOL1         VOLUME     653721.112  4187964.653        8.260
** DESCRSRC Fueling and Hose Permeation
   LOCATION VOL2         VOLUME     653734.957  4187964.649        8.280
** DESCRSRC Fueling and Hose Permeation
   LOCATION VOL3         VOLUME     653749.017  4187964.433        8.290
** DESCRSRC Fueling and Hose Permeation
   LOCATION VOL4         VOLUME     653721.257  4187964.507        8.260
** DESCRSRC Spillage
   LOCATION VOL5         VOLUME     653735.102  4187964.504        8.280
** DESCRSRC Spillage
```

```
   LOCATION VOL6         VOLUME     653749.162  4187964.287        8.290
** DESCRSRC Spillage
** Source Parameters **
   SRCPARAM STCK1              1.0     3.660   291.000     0.001    0.0508
   SRCPARAM STCK2              1.0     3.660   289.000     0.001    0.0508
   SRCPARAM VOL1              0.33     1.500     3.023     1.860
   SRCPARAM VOL2              0.33     1.500     3.023     1.860
   SRCPARAM VOL3              0.33     1.500     3.023     1.860
   SRCPARAM VOL4              0.33     1.000     3.023     1.860
   SRCPARAM VOL5              0.33     1.000     3.023     1.860
   SRCPARAM VOL6              0.33     1.000     3.023     1.860

** Building Downwash **
   BUILDHGT STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK1            0.00     0.00     0.00     0.00     0.00     0.00

   BUILDHGT STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT STCK2            0.00     0.00     0.00     0.00     0.00     0.00

   BUILDWID STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK1            0.00     0.00     0.00     0.00     0.00     0.00

   BUILDWID STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDWID STCK2            0.00     0.00     0.00     0.00     0.00     0.00

   BUILDLEN STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK1            0.00     0.00     0.00     0.00     0.00     0.00

   BUILDLEN STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK2            0.00     0.00     0.00     0.00     0.00     0.00
```

```
   BUILDLEN STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   BUILDLEN STCK2            0.00     0.00     0.00     0.00     0.00     0.00

   XBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00

   XBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   XBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00

   YBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK1            0.00     0.00     0.00     0.00     0.00     0.00

   YBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00
   YBADJ    STCK2            0.00     0.00     0.00     0.00     0.00     0.00

   SRCGROUP Load     STCK1
   SRCGROUP Breath   STCK2
   SRCGROUP Fuel     VOL1 VOL2 VOL3
   SRCGROUP Spill    VOL4 VOL5 VOL6
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Manteca Gas Station AERMOD.rou"
RE FINISHED
**
**************************************
```

```
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\Stockton_2013-2017.SFC
   PROFFILE ..\Stockton_2013-2017.PFL
   SURFDATA 23237 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 7.9 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Manteca Gas Station AERMOD.AD\01H1GALL.PLT" 31
   PLOTFILE 1 Load 1ST "Manteca Gas Station AERMOD.AD\01H1G001.PLT" 32
   PLOTFILE 1 Breath 1ST "Manteca Gas Station AERMOD.AD\01H1G002.PLT" 33
   PLOTFILE 1 Fuel 1ST "Manteca Gas Station AERMOD.AD\01H1G003.PLT" 34
   PLOTFILE 1 Spill 1ST "Manteca Gas Station AERMOD.AD\01H1G004.PLT" 35
   PLOTFILE PERIOD ALL "Manteca Gas Station AERMOD.AD\PE00GALL.PLT" 36
   PLOTFILE PERIOD Load "Manteca Gas Station AERMOD.AD\PE00G001.PLT" 37
   PLOTFILE PERIOD Breath "Manteca Gas Station AERMOD.AD\PE00G002.PLT" 38
   PLOTFILE PERIOD Fuel "Manteca Gas Station AERMOD.AD\PE00G003.PLT" 39
   PLOTFILE PERIOD Spill "Manteca Gas Station AERMOD.AD\PE00G004.PLT" 40
   SUMMFILE "Manteca Gas Station AERMOD.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     159       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
```

```
    0.50
 ME W187     159       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                           ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  VOCS

 **Model Calculates  1 Short Term Average(s) of:   1-HR
    and Calculates PERIOD Averages
```

```
 **This Run Includes:      8 Source(s);       5 Source Group(s); and    6174
Receptor(s)

                with:      2 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      6 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     7.90 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.3 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Manteca Gas Station AERMOD.err

 **File for Summary of Results:   Manteca Gas Station AERMOD.sum

 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.10000E+01	653703.8	4187982.2	8.2	3.66	291.00	0.00	0.05	NO	NO	NO	
STCK2	0	0.10000E+01	653701.2	4187982.8	8.2	3.66	289.00	0.00	0.05	NO	NO	NO	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
VOL1	0	0.33000E+00	653721.1	4187964.7	8.3	1.50	3.02	1.86	NO	
VOL2	0	0.33000E+00	653735.0	4187964.6	8.3	1.50	3.02	1.86	NO	
VOL3	0	0.33000E+00	653749.0	4187964.4	8.3	1.50	3.02	1.86	NO	
VOL4	0	0.33000E+00	653721.3	4187964.5	8.3	1.00	3.02	1.86	NO	

```
 VOL5             0   0.33000E+00  653735.1 4187964.5     8.3     1.00     3.02
1.86     NO
 VOL6             0   0.33000E+00  653749.2 4187964.3     8.3     1.00     3.02
1.86     NO
```


```
                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                  SOURCE IDs
 -----------                                                  ----------


  LOAD       STCK1       ,

  BREATH     STCK2       ,

  FUEL       VOL1        , VOL2        , VOL3        ,

  SPILL      VOL4        , VOL5        , VOL6        ,

  ALL        STCK1       , STCK2       , VOL1        , VOL2        , VOL3        ,
VOL4        , VOL5        , VOL6        ,
```


```
                                            *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                       (METERS)

     ( 653690.1, 4187328.4,       8.0,       8.0,       0.0);         ( 653710.1,
4187328.4,       8.0,       8.0,       0.0);
     ( 653730.1, 4187328.4,       8.0,       8.0,       0.0);         ( 653750.1,
4187328.4,       8.0,       8.0,       0.0);
     ( 653770.1, 4187328.4,       8.0,       8.0,       0.0);         ( 653790.1,
4187328.4,       8.1,       8.1,       0.0);
     ( 653810.1, 4187328.4,       8.1,       8.1,       0.0);         ( 653830.1,
4187328.4,       8.1,       8.1,       0.0);
     ( 653850.1, 4187328.4,       8.1,       8.1,       0.0);         ( 653870.1,
```

```
4187328.4,       8.1,       8.1,       0.0);
     ( 653890.1, 4187328.4,       8.1,       8.1,       0.0);         ( 653910.1,
4187328.4,       8.2,       8.2,       0.0);
     ( 653930.1, 4187328.4,       8.2,       8.2,       0.0);         ( 653950.1,
4187328.4,       8.2,       8.2,       0.0);
     ( 653970.1, 4187328.4,       8.2,       8.2,       0.0);         ( 653990.1,
4187328.4,       8.2,       8.2,       0.0);
     ( 654010.1, 4187328.4,       8.2,       8.2,       0.0);         ( 654030.1,
4187328.4,       8.3,       8.3,       0.0);
     ( 654050.1, 4187328.4,       8.3,       8.3,       0.0);         ( 654070.1,
4187328.4,       8.3,       8.3,       0.0);
     ( 654090.1, 4187328.4,       8.3,       8.3,       0.0);         ( 654110.1,
4187328.4,       8.4,       8.4,       0.0);
     ( 654130.1, 4187328.4,       8.4,       8.4,       0.0);         ( 654150.1,
4187328.4,       8.4,       8.4,       0.0);
     ( 654170.1, 4187328.4,       8.4,       8.4,       0.0);         ( 654190.1,
4187328.4,       8.4,       8.4,       0.0);
     ( 654210.1, 4187328.4,       8.4,       8.4,       0.0);         ( 654230.1,
4187328.4,       8.5,       8.5,       0.0);
     ( 654250.1, 4187328.4,       8.5,       8.5,       0.0);         ( 654270.1,
4187328.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187328.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187328.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187328.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187328.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187328.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187328.4,       8.6,       8.6,       0.0);
     ( 654410.1, 4187328.4,       8.6,       8.6,       0.0);         ( 654430.1,
4187328.4,       8.6,       8.6,       0.0);
     ( 654450.1, 4187328.4,       8.6,       8.6,       0.0);         ( 654470.1,
4187328.4,       8.6,       8.6,       0.0);
     ( 654490.1, 4187328.4,       8.6,       8.6,       0.0);         ( 653690.1,
4187348.4,       8.0,       8.0,       0.0);
     ( 653710.1, 4187348.4,       8.0,       8.0,       0.0);         ( 653730.1,
4187348.4,       8.0,       8.0,       0.0);
     ( 653750.1, 4187348.4,       8.0,       8.0,       0.0);         ( 653770.1,
4187348.4,       8.0,       8.0,       0.0);
     ( 653790.1, 4187348.4,       8.1,       8.1,       0.0);         ( 653810.1,
4187348.4,       8.1,       8.1,       0.0);
     ( 653830.1, 4187348.4,       8.1,       8.1,       0.0);         ( 653850.1,
4187348.4,       8.1,       8.1,       0.0);
     ( 653870.1, 4187348.4,       8.1,       8.1,       0.0);         ( 653890.1,
4187348.4,       8.1,       8.1,       0.0);
     ( 653910.1, 4187348.4,       8.1,       8.1,       0.0);         ( 653930.1,
4187348.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187348.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187348.4,       8.2,       8.2,       0.0);
     ( 653990.1, 4187348.4,       8.2,       8.2,       0.0);         ( 654010.1,
4187348.4,       8.2,       8.2,       0.0);
     ( 654030.1, 4187348.4,       8.3,       8.3,       0.0);         ( 654050.1,
```

4187348.4,   8.3,   8.3,   0.0);
     (654070.1, 4187348.4,   8.3,   8.3,   0.0);   (654090.1,
4187348.4,   8.3,   8.3,   0.0);
     (654110.1, 4187348.4,   8.4,   8.4,   0.0);   (654130.1,
4187348.4,   8.4,   8.4,   0.0);
     (654150.1, 4187348.4,   8.4,   8.4,   0.0);   (654170.1,
4187348.4,   8.4,   8.4,   0.0);
     (654190.1, 4187348.4,   8.4,   8.4,   0.0);   (654210.1,
4187348.4,   8.4,   8.4,   0.0);
     (654230.1, 4187348.4,   8.4,   8.4,   0.0);   (654250.1,
4187348.4,   8.5,   8.5,   0.0);
     (654270.1, 4187348.4,   8.5,   8.5,   0.0);   (654290.1,
4187348.4,   8.5,   8.5,   0.0);
     (654310.1, 4187348.4,   8.5,   8.5,   0.0);   (654330.1,
4187348.4,   8.5,   8.5,   0.0);
     (654350.1, 4187348.4,   8.5,   8.5,   0.0);   (654370.1,
4187348.4,   8.5,   8.5,   0.0);
     (654390.1, 4187348.4,   8.5,   8.5,   0.0);   (654410.1,
4187348.4,   8.6,   8.6,   0.0);
     (654430.1, 4187348.4,   8.6,   8.6,   0.0);   (654450.1,
4187348.4,   8.6,   8.6,   0.0);
     (654470.1, 4187348.4,   8.6,   8.6,   0.0);   (654490.1,
4187348.4,   8.6,   8.6,   0.0);
     (653690.1, 4187368.4,   8.0,   8.0,   0.0);   (653710.1,
4187368.4,   8.0,   8.0,   0.0);
     (653730.1, 4187368.4,   8.0,   8.0,   0.0);   (653750.1,
4187368.4,   8.0,   8.0,   0.0);
     (653770.1, 4187368.4,   8.0,   8.0,   0.0);   (653790.1,
4187368.4,   8.0,   8.0,   0.0);
     (653810.1, 4187368.4,   8.1,   8.1,   0.0);   (653830.1,
4187368.4,   8.1,   8.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (653850.1, 4187368.4,   8.1,   8.1,   0.0);   (653870.1,
4187368.4,   8.1,   8.1,   0.0);
     (653890.1, 4187368.4,   8.2,   8.2,   0.0);   (653910.1,
4187368.4,   8.2,   8.2,   0.0);
     (653930.1, 4187368.4,   8.2,   8.2,   0.0);   (653950.1,
4187368.4,   8.2,   8.2,   0.0);
     (653970.1, 4187368.4,   8.2,   8.2,   0.0);   (653990.1,

```
4187368.4,       8.2,       8.2,       0.0);
     ( 654010.1, 4187368.4,       8.2,       8.2,       0.0);         ( 654030.1,
4187368.4,       8.2,       8.2,       0.0);
     ( 654050.1, 4187368.4,       8.3,       8.3,       0.0);         ( 654070.1,
4187368.4,       8.3,       8.3,       0.0);
     ( 654090.1, 4187368.4,       8.3,       8.3,       0.0);         ( 654110.1,
4187368.4,       8.4,       8.4,       0.0);
     ( 654130.1, 4187368.4,       8.4,       8.4,       0.0);         ( 654150.1,
4187368.4,       8.4,       8.4,       0.0);
     ( 654170.1, 4187368.4,       8.4,       8.4,       0.0);         ( 654190.1,
4187368.4,       8.4,       8.4,       0.0);
     ( 654210.1, 4187368.4,       8.4,       8.4,       0.0);         ( 654230.1,
4187368.4,       8.4,       8.4,       0.0);
     ( 654250.1, 4187368.4,       8.4,       8.4,       0.0);         ( 654270.1,
4187368.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187368.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187368.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187368.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187368.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187368.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187368.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187368.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187368.4,       8.6,       8.6,       0.0);
     ( 654450.1, 4187368.4,       8.6,       8.6,       0.0);         ( 654470.1,
4187368.4,       8.6,       8.6,       0.0);
     ( 654490.1, 4187368.4,       8.6,       8.6,       0.0);         ( 653690.1,
4187388.4,       8.0,       8.0,       0.0);
     ( 653710.1, 4187388.4,       8.0,       8.0,       0.0);         ( 653730.1,
4187388.4,       8.0,       8.0,       0.0);
     ( 653750.1, 4187388.4,       8.0,       8.0,       0.0);         ( 653770.1,
4187388.4,       8.0,       8.0,       0.0);
     ( 653790.1, 4187388.4,       8.0,       8.0,       0.0);         ( 653810.1,
4187388.4,       8.1,       8.1,       0.0);
     ( 653830.1, 4187388.4,       8.1,       8.1,       0.0);         ( 653850.1,
4187388.4,       8.1,       8.1,       0.0);
     ( 653870.1, 4187388.4,       8.1,       8.1,       0.0);         ( 653890.1,
4187388.4,       8.2,       8.2,       0.0);
     ( 653910.1, 4187388.4,       8.2,       8.2,       0.0);         ( 653930.1,
4187388.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187388.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187388.4,       8.2,       8.2,       0.0);
     ( 653990.1, 4187388.4,       8.2,       8.2,       0.0);         ( 654010.1,
4187388.4,       8.2,       8.2,       0.0);
     ( 654030.1, 4187388.4,       8.2,       8.2,       0.0);         ( 654050.1,
4187388.4,       8.3,       8.3,       0.0);
     ( 654070.1, 4187388.4,       8.3,       8.3,       0.0);         ( 654090.1,
4187388.4,       8.3,       8.3,       0.0);
     ( 654110.1, 4187388.4,       8.3,       8.3,       0.0);         ( 654130.1,
4187388.4,       8.4,       8.4,       0.0);
     ( 654150.1, 4187388.4,       8.4,       8.4,       0.0);         ( 654170.1,
```

4187388.4, 8.4, 8.4, 0.0);
     (654190.1, 4187388.4, 8.4, 8.4, 0.0); (654210.1,
4187388.4, 8.4, 8.4, 0.0);
     (654230.1, 4187388.4, 8.4, 8.4, 0.0); (654250.1,
4187388.4, 8.4, 8.4, 0.0);
     (654270.1, 4187388.4, 8.5, 8.5, 0.0); (654290.1,
4187388.4, 8.5, 8.5, 0.0);
     (654310.1, 4187388.4, 8.5, 8.5, 0.0); (654330.1,
4187388.4, 8.5, 8.5, 0.0);
     (654350.1, 4187388.4, 8.5, 8.5, 0.0); (654370.1,
4187388.4, 8.5, 8.5, 0.0);
     (654390.1, 4187388.4, 8.5, 8.5, 0.0); (654410.1,
4187388.4, 8.5, 8.5, 0.0);
     (654430.1, 4187388.4, 8.5, 8.5, 0.0); (654450.1,
4187388.4, 8.6, 8.6, 0.0);
     (654470.1, 4187388.4, 8.6, 8.6, 0.0); (654490.1,
4187388.4, 8.6, 8.6, 0.0);
     (653690.1, 4187408.4, 8.0, 8.0, 0.0); (653710.1,
4187408.4, 8.0, 8.0, 0.0);
     (653730.1, 4187408.4, 8.0, 8.0, 0.0); (653750.1,
4187408.4, 8.0, 8.0, 0.0);
     (653770.1, 4187408.4, 8.0, 8.0, 0.0); (653790.1,
4187408.4, 8.0, 8.0, 0.0);
     (653810.1, 4187408.4, 8.1, 8.1, 0.0); (653830.1,
4187408.4, 8.1, 8.1, 0.0);
     (653850.1, 4187408.4, 8.1, 8.1, 0.0); (653870.1,
4187408.4, 8.1, 8.1, 0.0);
     (653890.1, 4187408.4, 8.2, 8.2, 0.0); (653910.1,
4187408.4, 8.2, 8.2, 0.0);
     (653930.1, 4187408.4, 8.2, 8.2, 0.0); (653950.1,
4187408.4, 8.2, 8.2, 0.0);
     (653970.1, 4187408.4, 8.2, 8.2, 0.0); (653990.1,
4187408.4, 8.2, 8.2, 0.0);

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (654010.1, 4187408.4, 8.2, 8.2, 0.0); (654030.1,
4187408.4, 8.2, 8.2, 0.0);
     (654050.1, 4187408.4, 8.3, 8.3, 0.0); (654070.1,
4187408.4, 8.3, 8.3, 0.0);
     (654090.1, 4187408.4, 8.3, 8.3, 0.0); (654110.1,

```
4187408.4,       8.3,       8.3,       0.0);
     ( 654130.1, 4187408.4,       8.4,       8.4,       0.0);         ( 654150.1,
4187408.4,       8.4,       8.4,       0.0);
     ( 654170.1, 4187408.4,       8.4,       8.4,       0.0);         ( 654190.1,
4187408.4,       8.4,       8.4,       0.0);
     ( 654210.1, 4187408.4,       8.4,       8.4,       0.0);         ( 654230.1,
4187408.4,       8.4,       8.4,       0.0);
     ( 654250.1, 4187408.4,       8.4,       8.4,       0.0);         ( 654270.1,
4187408.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187408.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187408.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187408.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187408.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187408.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187408.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187408.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187408.4,       8.5,       8.5,       0.0);
     ( 654450.1, 4187408.4,       8.5,       8.5,       0.0);         ( 654470.1,
4187408.4,       8.5,       8.5,       0.0);
     ( 654490.1, 4187408.4,       8.5,       8.5,       0.0);         ( 653690.1,
4187428.4,       8.0,       8.0,       0.0);
     ( 653710.1, 4187428.4,       8.0,       8.0,       0.0);         ( 653730.1,
4187428.4,       8.0,       8.0,       0.0);
     ( 653750.1, 4187428.4,       8.0,       8.0,       0.0);         ( 653770.1,
4187428.4,       8.0,       8.0,       0.0);
     ( 653790.1, 4187428.4,       8.0,       8.0,       0.0);         ( 653810.1,
4187428.4,       8.1,       8.1,       0.0);
     ( 653830.1, 4187428.4,       8.1,       8.1,       0.0);         ( 653850.1,
4187428.4,       8.1,       8.1,       0.0);
     ( 653870.1, 4187428.4,       8.1,       8.1,       0.0);         ( 653890.1,
4187428.4,       8.2,       8.2,       0.0);
     ( 653910.1, 4187428.4,       8.2,       8.2,       0.0);         ( 653930.1,
4187428.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187428.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187428.4,       8.2,       8.2,       0.0);
     ( 653990.1, 4187428.4,       8.2,       8.2,       0.0);         ( 654010.1,
4187428.4,       8.2,       8.2,       0.0);
     ( 654030.1, 4187428.4,       8.2,       8.2,       0.0);         ( 654050.1,
4187428.4,       8.3,       8.3,       0.0);
     ( 654070.1, 4187428.4,       8.3,       8.3,       0.0);         ( 654090.1,
4187428.4,       8.3,       8.3,       0.0);
     ( 654110.1, 4187428.4,       8.3,       8.3,       0.0);         ( 654130.1,
4187428.4,       8.4,       8.4,       0.0);
     ( 654150.1, 4187428.4,       8.4,       8.4,       0.0);         ( 654170.1,
4187428.4,       8.4,       8.4,       0.0);
     ( 654190.1, 4187428.4,       8.4,       8.4,       0.0);         ( 654210.1,
4187428.4,       8.4,       8.4,       0.0);
     ( 654230.1, 4187428.4,       8.4,       8.4,       0.0);         ( 654250.1,
4187428.4,       8.4,       8.4,       0.0);
     ( 654270.1, 4187428.4,       8.5,       8.5,       0.0);         ( 654290.1,
```

4187428.4,   8.5,   8.5,   0.0);
     (654310.1, 4187428.4,   8.5,   8.5,   0.0);   (654330.1,
4187428.4,   8.5,   8.5,   0.0);
     (654350.1, 4187428.4,   8.5,   8.5,   0.0);   (654370.1,
4187428.4,   8.5,   8.5,   0.0);
     (654390.1, 4187428.4,   8.5,   8.5,   0.0);   (654410.1,
4187428.4,   8.5,   8.5,   0.0);
     (654430.1, 4187428.4,   8.5,   8.5,   0.0);   (654450.1,
4187428.4,   8.5,   8.5,   0.0);
     (654470.1, 4187428.4,   8.5,   8.5,   0.0);   (654490.1,
4187428.4,   8.5,   8.5,   0.0);
     (653690.1, 4187448.4,   7.9,   7.9,   0.0);   (653710.1,
4187448.4,   8.0,   8.0,   0.0);
     (653730.1, 4187448.4,   8.0,   8.0,   0.0);   (653750.1,
4187448.4,   8.0,   8.0,   0.0);
     (653770.1, 4187448.4,   8.0,   8.0,   0.0);   (653790.1,
4187448.4,   8.0,   8.0,   0.0);
     (653810.1, 4187448.4,   8.1,   8.1,   0.0);   (653830.1,
4187448.4,   8.1,   8.1,   0.0);
     (653850.1, 4187448.4,   8.1,   8.1,   0.0);   (653870.1,
4187448.4,   8.1,   8.1,   0.0);
     (653890.1, 4187448.4,   8.2,   8.2,   0.0);   (653910.1,
4187448.4,   8.2,   8.2,   0.0);
     (653930.1, 4187448.4,   8.2,   8.2,   0.0);   (653950.1,
4187448.4,   8.2,   8.2,   0.0);
     (653970.1, 4187448.4,   8.2,   8.2,   0.0);   (653990.1,
4187448.4,   8.2,   8.2,   0.0);
     (654010.1, 4187448.4,   8.2,   8.2,   0.0);   (654030.1,
4187448.4,   8.2,   8.2,   0.0);
     (654050.1, 4187448.4,   8.2,   8.2,   0.0);   (654070.1,
4187448.4,   8.3,   8.3,   0.0);
     (654090.1, 4187448.4,   8.3,   8.3,   0.0);   (654110.1,
4187448.4,   8.3,   8.3,   0.0);
     (654130.1, 4187448.4,   8.4,   8.4,   0.0);   (654150.1,
4187448.4,   8.4,   8.4,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (654170.1, 4187448.4,   8.4,   8.4,   0.0);   (654190.1,
4187448.4,   8.4,   8.4,   0.0);
     (654210.1, 4187448.4,   8.4,   8.4,   0.0);   (654230.1,

```
4187448.4,       8.4,       8.4,       0.0);
     ( 654250.1, 4187448.4,       8.4,       8.4,       0.0);         ( 654270.1,
4187448.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187448.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187448.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187448.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187448.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187448.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187448.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187448.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187448.4,       8.5,       8.5,       0.0);
     ( 654450.1, 4187448.4,       8.5,       8.5,       0.0);         ( 654470.1,
4187448.4,       8.5,       8.5,       0.0);
     ( 654490.1, 4187448.4,       8.5,       8.5,       0.0);         ( 653690.1,
4187468.4,       7.9,       7.9,       0.0);
     ( 653710.1, 4187468.4,       7.9,       7.9,       0.0);         ( 653730.1,
4187468.4,       8.0,       8.0,       0.0);
     ( 653750.1, 4187468.4,       8.0,       8.0,       0.0);         ( 653770.1,
4187468.4,       8.0,       8.0,       0.0);
     ( 653790.1, 4187468.4,       8.0,       8.0,       0.0);         ( 653810.1,
4187468.4,       8.1,       8.1,       0.0);
     ( 653830.1, 4187468.4,       8.1,       8.1,       0.0);         ( 653850.1,
4187468.4,       8.1,       8.1,       0.0);
     ( 653870.1, 4187468.4,       8.1,       8.1,       0.0);         ( 653890.1,
4187468.4,       8.2,       8.2,       0.0);
     ( 653910.1, 4187468.4,       8.2,       8.2,       0.0);         ( 653930.1,
4187468.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187468.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187468.4,       8.2,       8.2,       0.0);
     ( 653990.1, 4187468.4,       8.2,       8.2,       0.0);         ( 654010.1,
4187468.4,       8.2,       8.2,       0.0);
     ( 654030.1, 4187468.4,       8.2,       8.2,       0.0);         ( 654050.1,
4187468.4,       8.2,       8.2,       0.0);
     ( 654070.1, 4187468.4,       8.3,       8.3,       0.0);         ( 654090.1,
4187468.4,       8.3,       8.3,       0.0);
     ( 654110.1, 4187468.4,       8.3,       8.3,       0.0);         ( 654130.1,
4187468.4,       8.4,       8.4,       0.0);
     ( 654150.1, 4187468.4,       8.4,       8.4,       0.0);         ( 654170.1,
4187468.4,       8.4,       8.4,       0.0);
     ( 654190.1, 4187468.4,       8.4,       8.4,       0.0);         ( 654210.1,
4187468.4,       8.4,       8.4,       0.0);
     ( 654230.1, 4187468.4,       8.4,       8.4,       0.0);         ( 654250.1,
4187468.4,       8.4,       8.4,       0.0);
     ( 654270.1, 4187468.4,       8.4,       8.4,       0.0);         ( 654290.1,
4187468.4,       8.5,       8.5,       0.0);
     ( 654310.1, 4187468.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187468.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187468.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187468.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187468.4,       8.5,       8.5,       0.0);         ( 654410.1,
```

4187468.4,   8.5,   8.5,   0.0);
     (654430.1, 4187468.4,   8.5,   8.5,   0.0);   (654450.1,
4187468.4,   8.5,   8.5,   0.0);
     (654470.1, 4187468.4,   8.5,   8.5,   0.0);   (654490.1,
4187468.4,   8.5,   8.5,   0.0);
     (653690.1, 4187488.4,   7.9,   7.9,   0.0);   (653710.1,
4187488.4,   7.9,   7.9,   0.0);
     (653730.1, 4187488.4,   8.0,   8.0,   0.0);   (653750.1,
4187488.4,   8.0,   8.0,   0.0);
     (653770.1, 4187488.4,   8.0,   8.0,   0.0);   (653790.1,
4187488.4,   8.0,   8.0,   0.0);
     (653810.1, 4187488.4,   8.1,   8.1,   0.0);   (653830.1,
4187488.4,   8.1,   8.1,   0.0);
     (653850.1, 4187488.4,   8.1,   8.1,   0.0);   (653870.1,
4187488.4,   8.1,   8.1,   0.0);
     (653890.1, 4187488.4,   8.1,   8.1,   0.0);   (653910.1,
4187488.4,   8.2,   8.2,   0.0);
     (653930.1, 4187488.4,   8.2,   8.2,   0.0);   (653950.1,
4187488.4,   8.2,   8.2,   0.0);
     (653970.1, 4187488.4,   8.2,   8.2,   0.0);   (653990.1,
4187488.4,   8.2,   8.2,   0.0);
     (654010.1, 4187488.4,   8.2,   8.2,   0.0);   (654030.1,
4187488.4,   8.2,   8.2,   0.0);
     (654050.1, 4187488.4,   8.2,   8.2,   0.0);   (654070.1,
4187488.4,   8.3,   8.3,   0.0);
     (654090.1, 4187488.4,   8.3,   8.3,   0.0);   (654110.1,
4187488.4,   8.3,   8.3,   0.0);
     (654130.1, 4187488.4,   8.4,   8.4,   0.0);   (654150.1,
4187488.4,   8.4,   8.4,   0.0);
     (654170.1, 4187488.4,   8.4,   8.4,   0.0);   (654190.1,
4187488.4,   8.4,   8.4,   0.0);
     (654210.1, 4187488.4,   8.4,   8.4,   0.0);   (654230.1,
4187488.4,   8.4,   8.4,   0.0);
     (654250.1, 4187488.4,   8.4,   8.4,   0.0);   (654270.1,
4187488.4,   8.4,   8.4,   0.0);
     (654290.1, 4187488.4,   8.4,   8.4,   0.0);   (654310.1,
4187488.4,   8.5,   8.5,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (654330.1, 4187488.4,   8.5,   8.5,   0.0);   (654350.1,

```
4187488.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187488.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187488.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187488.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187488.4,       8.5,       8.5,       0.0);
     ( 654450.1, 4187488.4,       8.5,       8.5,       0.0);         ( 654470.1,
4187488.4,       8.5,       8.5,       0.0);
     ( 654490.1, 4187488.4,       8.5,       8.5,       0.0);         ( 653690.1,
4187508.4,       7.9,       7.9,       0.0);
     ( 653710.1, 4187508.4,       7.9,       7.9,       0.0);         ( 653730.1,
4187508.4,       7.9,       7.9,       0.0);
     ( 653750.1, 4187508.4,       8.0,       8.0,       0.0);         ( 653770.1,
4187508.4,       8.0,       8.0,       0.0);
     ( 653790.1, 4187508.4,       8.0,       8.0,       0.0);         ( 653810.1,
4187508.4,       8.0,       8.0,       0.0);
     ( 653830.1, 4187508.4,       8.1,       8.1,       0.0);         ( 653850.1,
4187508.4,       8.1,       8.1,       0.0);
     ( 653870.1, 4187508.4,       8.1,       8.1,       0.0);         ( 653890.1,
4187508.4,       8.1,       8.1,       0.0);
     ( 653910.1, 4187508.4,       8.2,       8.2,       0.0);         ( 653930.1,
4187508.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187508.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187508.4,       8.2,       8.2,       0.0);
     ( 653990.1, 4187508.4,       8.2,       8.2,       0.0);         ( 654010.1,
4187508.4,       8.2,       8.2,       0.0);
     ( 654030.1, 4187508.4,       8.2,       8.2,       0.0);         ( 654050.1,
4187508.4,       8.2,       8.2,       0.0);
     ( 654070.1, 4187508.4,       8.3,       8.3,       0.0);         ( 654090.1,
4187508.4,       8.3,       8.3,       0.0);
     ( 654110.1, 4187508.4,       8.3,       8.3,       0.0);         ( 654130.1,
4187508.4,       8.4,       8.4,       0.0);
     ( 654150.1, 4187508.4,       8.4,       8.4,       0.0);         ( 654170.1,
4187508.4,       8.4,       8.4,       0.0);
     ( 654190.1, 4187508.4,       8.4,       8.4,       0.0);         ( 654210.1,
4187508.4,       8.4,       8.4,       0.0);
     ( 654230.1, 4187508.4,       8.4,       8.4,       0.0);         ( 654250.1,
4187508.4,       8.4,       8.4,       0.0);
     ( 654270.1, 4187508.4,       8.4,       8.4,       0.0);         ( 654290.1,
4187508.4,       8.4,       8.4,       0.0);
     ( 654310.1, 4187508.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187508.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187508.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187508.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187508.4,       8.5,       8.5,       0.0);         ( 654410.1,
4187508.4,       8.5,       8.5,       0.0);
     ( 654430.1, 4187508.4,       8.5,       8.5,       0.0);         ( 654450.1,
4187508.4,       8.5,       8.5,       0.0);
     ( 654470.1, 4187508.4,       8.5,       8.5,       0.0);         ( 654490.1,
4187508.4,       8.5,       8.5,       0.0);
     ( 653690.1, 4187528.4,       7.9,       7.9,       0.0);         ( 653710.1,
```

4187528.4,   7.9,   7.9,   0.0);
     (653730.1, 4187528.4,   7.9,   7.9,   0.0);   (653750.1,
4187528.4,   7.9,   7.9,   0.0);
     (653770.1, 4187528.4,   8.0,   8.0,   0.0);   (653790.1,
4187528.4,   8.0,   8.0,   0.0);
     (653810.1, 4187528.4,   8.0,   8.0,   0.0);   (653830.1,
4187528.4,   8.1,   8.1,   0.0);
     (653850.1, 4187528.4,   8.1,   8.1,   0.0);   (653870.1,
4187528.4,   8.1,   8.1,   0.0);
     (653890.1, 4187528.4,   8.1,   8.1,   0.0);   (653910.1,
4187528.4,   8.2,   8.2,   0.0);
     (653930.1, 4187528.4,   8.2,   8.2,   0.0);   (653950.1,
4187528.4,   8.2,   8.2,   0.0);
     (653970.1, 4187528.4,   8.2,   8.2,   0.0);   (653990.1,
4187528.4,   8.2,   8.2,   0.0);
     (654010.1, 4187528.4,   8.2,   8.2,   0.0);   (654030.1,
4187528.4,   8.2,   8.2,   0.0);
     (654050.1, 4187528.4,   8.2,   8.2,   0.0);   (654070.1,
4187528.4,   8.3,   8.3,   0.0);
     (654090.1, 4187528.4,   8.3,   8.3,   0.0);   (654110.1,
4187528.4,   8.3,   8.3,   0.0);
     (654130.1, 4187528.4,   8.4,   8.4,   0.0);   (654150.1,
4187528.4,   8.4,   8.4,   0.0);
     (654170.1, 4187528.4,   8.4,   8.4,   0.0);   (654190.1,
4187528.4,   8.4,   8.4,   0.0);
     (654210.1, 4187528.4,   8.4,   8.4,   0.0);   (654230.1,
4187528.4,   8.4,   8.4,   0.0);
     (654250.1, 4187528.4,   8.4,   8.4,   0.0);   (654270.1,
4187528.4,   8.4,   8.4,   0.0);
     (654290.1, 4187528.4,   8.4,   8.4,   0.0);   (654310.1,
4187528.4,   8.5,   8.5,   0.0);
     (654330.1, 4187528.4,   8.5,   8.5,   0.0);   (654350.1,
4187528.4,   8.5,   8.5,   0.0);
     (654370.1, 4187528.4,   8.5,   8.5,   0.0);   (654390.1,
4187528.4,   8.5,   8.5,   0.0);
     (654410.1, 4187528.4,   8.5,   8.5,   0.0);   (654430.1,
4187528.4,   8.5,   8.5,   0.0);
     (654450.1, 4187528.4,   8.5,   8.5,   0.0);   (654470.1,
4187528.4,   8.5,   8.5,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

```
     ( 654490.1, 4187528.4,       8.5,       8.5,       0.0);         ( 653690.1,
4187548.4,       7.8,       7.8,       0.0);
     ( 653710.1, 4187548.4,       7.8,       7.8,       0.0);         ( 653730.1,
4187548.4,       7.9,       7.9,       0.0);
     ( 653750.1, 4187548.4,       7.9,       7.9,       0.0);         ( 653770.1,
4187548.4,       7.9,       7.9,       0.0);
     ( 653790.1, 4187548.4,       8.0,       8.0,       0.0);         ( 653810.1,
4187548.4,       8.0,       8.0,       0.0);
     ( 653830.1, 4187548.4,       8.0,       8.0,       0.0);         ( 653850.1,
4187548.4,       8.1,       8.1,       0.0);
     ( 653870.1, 4187548.4,       8.1,       8.1,       0.0);         ( 653890.1,
4187548.4,       8.1,       8.1,       0.0);
     ( 653910.1, 4187548.4,       8.1,       8.1,       0.0);         ( 653930.1,
4187548.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187548.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187548.4,       8.2,       8.2,       0.0);
     ( 653990.1, 4187548.4,       8.2,       8.2,       0.0);         ( 654010.1,
4187548.4,       8.2,       8.2,       0.0);
     ( 654030.1, 4187548.4,       8.2,       8.2,       0.0);         ( 654050.1,
4187548.4,       8.3,       8.3,       0.0);
     ( 654070.1, 4187548.4,       8.3,       8.3,       0.0);         ( 654090.1,
4187548.4,       8.3,       8.3,       0.0);
     ( 654110.1, 4187548.4,       8.4,       8.4,       0.0);         ( 654130.1,
4187548.4,       8.4,       8.4,       0.0);
     ( 654150.1, 4187548.4,       8.4,       8.4,       0.0);         ( 654170.1,
4187548.4,       8.4,       8.4,       0.0);
     ( 654190.1, 4187548.4,       8.4,       8.4,       0.0);         ( 654210.1,
4187548.4,       8.4,       8.4,       0.0);
     ( 654230.1, 4187548.4,       8.4,       8.4,       0.0);         ( 654250.1,
4187548.4,       8.4,       8.4,       0.0);
     ( 654270.1, 4187548.4,       8.4,       8.4,       0.0);         ( 654290.1,
4187548.4,       8.4,       8.4,       0.0);
     ( 654310.1, 4187548.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187548.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187548.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187548.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187548.4,       8.5,       8.5,       0.0);         ( 654410.1,
4187548.4,       8.5,       8.5,       0.0);
     ( 654430.1, 4187548.4,       8.5,       8.5,       0.0);         ( 654450.1,
4187548.4,       8.5,       8.5,       0.0);
     ( 654470.1, 4187548.4,       8.5,       8.5,       0.0);         ( 654490.1,
4187548.4,       8.5,       8.5,       0.0);
     ( 653690.1, 4187568.4,       7.8,       7.8,       0.0);         ( 653710.1,
4187568.4,       7.8,       7.8,       0.0);
     ( 653730.1, 4187568.4,       7.8,       7.8,       0.0);         ( 653750.1,
4187568.4,       7.9,       7.9,       0.0);
     ( 653770.1, 4187568.4,       7.9,       7.9,       0.0);         ( 653790.1,
4187568.4,       8.0,       8.0,       0.0);
     ( 653810.1, 4187568.4,       8.0,       8.0,       0.0);         ( 653830.1,
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4187568.4,   8.0,   8.0,   0.0);
     (653850.1, 4187568.4,   8.1,   8.1,   0.0);   (653870.1,
4187568.4,   8.1,   8.1,   0.0);
     (653890.1, 4187568.4,   8.1,   8.1,   0.0);   (653910.1,
4187568.4,   8.2,   8.2,   0.0);
     (653930.1, 4187568.4,   8.2,   8.2,   0.0);   (653950.1,
4187568.4,   8.2,   8.2,   0.0);
     (653970.1, 4187568.4,   8.2,   8.2,   0.0);   (653990.1,
4187568.4,   8.2,   8.2,   0.0);
     (654010.1, 4187568.4,   8.2,   8.2,   0.0);   (654030.1,
4187568.4,   8.3,   8.3,   0.0);
     (654050.1, 4187568.4,   8.3,   8.3,   0.0);   (654070.1,
4187568.4,   8.3,   8.3,   0.0);
     (654090.1, 4187568.4,   8.4,   8.4,   0.0);   (654110.1,
4187568.4,   8.4,   8.4,   0.0);
     (654130.1, 4187568.4,   8.4,   8.4,   0.0);   (654150.1,
4187568.4,   8.4,   8.4,   0.0);
     (654170.1, 4187568.4,   8.4,   8.4,   0.0);   (654190.1,
4187568.4,   8.4,   8.4,   0.0);
     (654210.1, 4187568.4,   8.4,   8.4,   0.0);   (654230.1,
4187568.4,   8.4,   8.4,   0.0);
     (654250.1, 4187568.4,   8.4,   8.4,   0.0);   (654270.1,
4187568.4,   8.4,   8.4,   0.0);
     (654290.1, 4187568.4,   8.5,   8.5,   0.0);   (654310.1,
4187568.4,   8.5,   8.5,   0.0);
     (654330.1, 4187568.4,   8.5,   8.5,   0.0);   (654350.1,
4187568.4,   8.5,   8.5,   0.0);
     (654370.1, 4187568.4,   8.5,   8.5,   0.0);   (654390.1,
4187568.4,   8.5,   8.5,   0.0);
     (654410.1, 4187568.4,   8.5,   8.5,   0.0);   (654430.1,
4187568.4,   8.5,   8.5,   0.0);
     (654450.1, 4187568.4,   8.5,   8.5,   0.0);   (654470.1,
4187568.4,   8.5,   8.5,   0.0);
     (654490.1, 4187568.4,   8.5,   8.5,   0.0);   (653690.1,
4187588.4,   7.8,   7.8,   0.0);
     (653710.1, 4187588.4,   7.8,   7.8,   0.0);   (653730.1,
4187588.4,   7.8,   7.8,   0.0);
     (653750.1, 4187588.4,   7.8,   7.8,   0.0);   (653770.1,
4187588.4,   7.9,   7.9,   0.0);
     (653790.1, 4187588.4,   7.9,   7.9,   0.0);   (653810.1,
4187588.4,   8.0,   8.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653830.1, 4187588.4, 8.0, 8.0, 0.0); (653850.1, 4187588.4, 8.0, 8.0, 0.0);
(653870.1, 4187588.4, 8.1, 8.1, 0.0); (653890.1, 4187588.4, 8.1, 8.1, 0.0);
(653910.1, 4187588.4, 8.2, 8.2, 0.0); (653930.1, 4187588.4, 8.2, 8.2, 0.0);
(653950.1, 4187588.4, 8.2, 8.2, 0.0); (653970.1, 4187588.4, 8.2, 8.2, 0.0);
(653990.1, 4187588.4, 8.2, 8.2, 0.0); (654010.1, 4187588.4, 8.3, 8.3, 0.0);
(654030.1, 4187588.4, 8.3, 8.3, 0.0); (654050.1, 4187588.4, 8.3, 8.3, 0.0);
(654070.1, 4187588.4, 8.3, 8.3, 0.0); (654090.1, 4187588.4, 8.3, 8.3, 0.0);
(654110.1, 4187588.4, 8.4, 8.4, 0.0); (654130.1, 4187588.4, 8.4, 8.4, 0.0);
(654150.1, 4187588.4, 8.4, 8.4, 0.0); (654170.1, 4187588.4, 8.4, 8.4, 0.0);
(654190.1, 4187588.4, 8.4, 8.4, 0.0); (654210.1, 4187588.4, 8.4, 8.4, 0.0);
(654230.1, 4187588.4, 8.4, 8.4, 0.0); (654250.1, 4187588.4, 8.4, 8.4, 0.0);
(654270.1, 4187588.4, 8.4, 8.4, 0.0); (654290.1, 4187588.4, 8.5, 8.5, 0.0);
(654310.1, 4187588.4, 8.5, 8.5, 0.0); (654330.1, 4187588.4, 8.5, 8.5, 0.0);
(654350.1, 4187588.4, 8.5, 8.5, 0.0); (654370.1, 4187588.4, 8.5, 8.5, 0.0);
(654390.1, 4187588.4, 8.5, 8.5, 0.0); (654410.1, 4187588.4, 8.5, 8.5, 0.0);
(654430.1, 4187588.4, 8.5, 8.5, 0.0); (654450.1, 4187588.4, 8.5, 8.5, 0.0);
(654470.1, 4187588.4, 8.5, 8.5, 0.0); (654490.1, 4187588.4, 8.5, 8.5, 0.0);
(653690.1, 4187608.4, 7.7, 7.7, 0.0); (653710.1, 4187608.4, 7.7, 7.7, 0.0);
(653730.1, 4187608.4, 7.7, 7.7, 0.0); (653750.1, 4187608.4, 7.8, 7.8, 0.0);
(653770.1, 4187608.4, 7.8, 7.8, 0.0); (653790.1, 4187608.4, 7.8, 7.8, 0.0);
(653810.1, 4187608.4, 7.9, 7.9, 0.0); (653830.1, 4187608.4, 8.0, 8.0, 0.0);
(653850.1, 4187608.4, 8.0, 8.0, 0.0); (653870.1, 4187608.4, 8.1, 8.1, 0.0);
(653890.1, 4187608.4, 8.1, 8.1, 0.0); (653910.1, 4187608.4, 8.1, 8.1, 0.0);
(653930.1, 4187608.4, 8.2, 8.2, 0.0); (653950.1,

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4187608.4,       8.2,       8.2,       0.0);
     ( 653970.1, 4187608.4,       8.2,       8.2,       0.0);         ( 653990.1,
4187608.4,       8.3,       8.3,       0.0);
     ( 654010.1, 4187608.4,       8.3,       8.3,       0.0);         ( 654030.1,
4187608.4,       8.3,       8.3,       0.0);
     ( 654050.1, 4187608.4,       8.3,       8.3,       0.0);         ( 654070.1,
4187608.4,       8.3,       8.3,       0.0);
     ( 654090.1, 4187608.4,       8.3,       8.3,       0.0);         ( 654110.1,
4187608.4,       8.4,       8.4,       0.0);
     ( 654130.1, 4187608.4,       8.4,       8.4,       0.0);         ( 654150.1,
4187608.4,       8.4,       8.4,       0.0);
     ( 654170.1, 4187608.4,       8.4,       8.4,       0.0);         ( 654190.1,
4187608.4,       8.4,       8.4,       0.0);
     ( 654210.1, 4187608.4,       8.4,       8.4,       0.0);         ( 654230.1,
4187608.4,       8.4,       8.4,       0.0);
     ( 654250.1, 4187608.4,       8.4,       8.4,       0.0);         ( 654270.1,
4187608.4,       8.4,       8.4,       0.0);
     ( 654290.1, 4187608.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187608.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187608.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187608.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187608.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187608.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187608.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187608.4,       8.5,       8.5,       0.0);
     ( 654450.1, 4187608.4,       8.5,       8.5,       0.0);         ( 654470.1,
4187608.4,       8.5,       8.5,       0.0);
     ( 654490.1, 4187608.4,       8.4,       8.4,       0.0);         ( 653690.1,
4187628.4,       7.7,       7.7,       0.0);
     ( 653710.1, 4187628.4,       7.7,       7.7,       0.0);         ( 653730.1,
4187628.4,       7.7,       7.7,       0.0);
     ( 653750.1, 4187628.4,       7.7,       7.7,       0.0);         ( 653770.1,
4187628.4,       7.7,       7.7,       0.0);
     ( 653790.1, 4187628.4,       7.8,       7.8,       0.0);         ( 653810.1,
4187628.4,       7.8,       7.8,       0.0);
     ( 653830.1, 4187628.4,       7.9,       7.9,       0.0);         ( 653850.1,
4187628.4,       8.0,       8.0,       0.0);
     ( 653870.1, 4187628.4,       8.0,       8.0,       0.0);         ( 653890.1,
4187628.4,       8.1,       8.1,       0.0);
     ( 653910.1, 4187628.4,       8.2,       8.2,       0.0);         ( 653930.1,
4187628.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187628.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187628.4,       8.2,       8.2,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653990.1, 4187628.4, 8.3, 8.3, 0.0); (654010.1, 4187628.4, 8.3, 8.3, 0.0);
(654030.1, 4187628.4, 8.3, 8.3, 0.0); (654050.1, 4187628.4, 8.3, 8.3, 0.0);
(654070.1, 4187628.4, 8.3, 8.3, 0.0); (654090.1, 4187628.4, 8.3, 8.3, 0.0);
(654110.1, 4187628.4, 8.4, 8.4, 0.0); (654130.1, 4187628.4, 8.4, 8.4, 0.0);
(654150.1, 4187628.4, 8.4, 8.4, 0.0); (654170.1, 4187628.4, 8.4, 8.4, 0.0);
(654190.1, 4187628.4, 8.4, 8.4, 0.0); (654210.1, 4187628.4, 8.4, 8.4, 0.0);
(654230.1, 4187628.4, 8.4, 8.4, 0.0); (654250.1, 4187628.4, 8.5, 8.5, 0.0);
(654270.1, 4187628.4, 8.5, 8.5, 0.0); (654290.1, 4187628.4, 8.5, 8.5, 0.0);
(654310.1, 4187628.4, 8.5, 8.5, 0.0); (654330.1, 4187628.4, 8.5, 8.5, 0.0);
(654350.1, 4187628.4, 8.5, 8.5, 0.0); (654370.1, 4187628.4, 8.5, 8.5, 0.0);
(654390.1, 4187628.4, 8.5, 8.5, 0.0); (654410.1, 4187628.4, 8.5, 8.5, 0.0);
(654430.1, 4187628.4, 8.5, 8.5, 0.0); (654450.1, 4187628.4, 8.4, 8.4, 0.0);
(654470.1, 4187628.4, 8.4, 8.4, 0.0); (654490.1, 4187628.4, 8.4, 8.4, 0.0);
(653690.1, 4187648.4, 7.7, 7.7, 0.0); (653710.1, 4187648.4, 7.7, 7.7, 0.0);
(653730.1, 4187648.4, 7.6, 7.6, 0.0); (653750.1, 4187648.4, 7.7, 7.7, 0.0);
(653770.1, 4187648.4, 7.7, 7.7, 0.0); (653790.1, 4187648.4, 7.7, 7.7, 0.0);
(653810.1, 4187648.4, 7.7, 7.7, 0.0); (653830.1, 4187648.4, 7.8, 7.8, 0.0);
(653850.1, 4187648.4, 7.9, 7.9, 0.0); (653870.1, 4187648.4, 8.0, 8.0, 0.0);
(653890.1, 4187648.4, 8.1, 8.1, 0.0); (653910.1, 4187648.4, 8.2, 8.2, 0.0);
(653930.1, 4187648.4, 8.2, 8.2, 0.0); (653950.1, 4187648.4, 8.2, 8.2, 0.0);
(653970.1, 4187648.4, 8.2, 8.2, 0.0); (653990.1, 4187648.4, 8.3, 8.3, 0.0);
(654010.1, 4187648.4, 8.3, 8.3, 0.0); (654030.1, 4187648.4, 8.3, 8.3, 0.0);
(654050.1, 4187648.4, 8.4, 8.4, 0.0); (654070.1,

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4187648.4,       8.4,       8.4,       0.0);
     ( 654090.1, 4187648.4,       8.4,       8.4,       0.0);         ( 654110.1,
4187648.4,       8.4,       8.4,       0.0);
     ( 654130.1, 4187648.4,       8.4,       8.4,       0.0);         ( 654150.1,
4187648.4,       8.4,       8.4,       0.0);
     ( 654170.1, 4187648.4,       8.4,       8.4,       0.0);         ( 654190.1,
4187648.4,       8.4,       8.4,       0.0);
     ( 654210.1, 4187648.4,       8.4,       8.4,       0.0);         ( 654230.1,
4187648.4,       8.5,       8.5,       0.0);
     ( 654250.1, 4187648.4,       8.5,       8.5,       0.0);         ( 654270.1,
4187648.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187648.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187648.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187648.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187648.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187648.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187648.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187648.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187648.4,       8.5,       8.5,       0.0);
     ( 654450.1, 4187648.4,       8.5,       8.5,       0.0);         ( 654470.1,
4187648.4,       8.4,       8.4,       0.0);
     ( 654490.1, 4187648.4,       8.4,       8.4,       0.0);         ( 653690.1,
4187668.4,       7.6,       7.6,       0.0);
     ( 653710.1, 4187668.4,       7.5,       7.5,       0.0);         ( 653730.1,
4187668.4,       7.5,       7.5,       0.0);
     ( 653750.1, 4187668.4,       7.5,       7.5,       0.0);         ( 653770.1,
4187668.4,       7.6,       7.6,       0.0);
     ( 653790.1, 4187668.4,       7.7,       7.7,       0.0);         ( 653810.1,
4187668.4,       7.7,       7.7,       0.0);
     ( 653830.1, 4187668.4,       7.7,       7.7,       0.0);         ( 653850.1,
4187668.4,       7.8,       7.8,       0.0);
     ( 653870.1, 4187668.4,       8.0,       8.0,       0.0);         ( 653890.1,
4187668.4,       8.1,       8.1,       0.0);
     ( 653910.1, 4187668.4,       8.2,       8.2,       0.0);         ( 653930.1,
4187668.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187668.4,       8.2,       8.2,       0.0);         ( 653970.1,
4187668.4,       8.3,       8.3,       0.0);
     ( 653990.1, 4187668.4,       8.3,       8.3,       0.0);         ( 654010.1,
4187668.4,       8.3,       8.3,       0.0);
     ( 654030.1, 4187668.4,       8.3,       8.3,       0.0);         ( 654050.1,
4187668.4,       8.4,       8.4,       0.0);
     ( 654070.1, 4187668.4,       8.4,       8.4,       0.0);         ( 654090.1,
4187668.4,       8.4,       8.4,       0.0);
     ( 654110.1, 4187668.4,       8.4,       8.4,       0.0);         ( 654130.1,
4187668.4,       8.4,       8.4,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(654150.1, 4187668.4, 8.4, 8.4, 0.0); (654170.1, 4187668.4, 8.4, 8.4, 0.0);
(654190.1, 4187668.4, 8.5, 8.5, 0.0); (654210.1, 4187668.4, 8.5, 8.5, 0.0);
(654230.1, 4187668.4, 8.5, 8.5, 0.0); (654250.1, 4187668.4, 8.5, 8.5, 0.0);
(654270.1, 4187668.4, 8.5, 8.5, 0.0); (654290.1, 4187668.4, 8.5, 8.5, 0.0);
(654310.1, 4187668.4, 8.5, 8.5, 0.0); (654330.1, 4187668.4, 8.5, 8.5, 0.0);
(654350.1, 4187668.4, 8.5, 8.5, 0.0); (654370.1, 4187668.4, 8.5, 8.5, 0.0);
(654390.1, 4187668.4, 8.5, 8.5, 0.0); (654410.1, 4187668.4, 8.5, 8.5, 0.0);
(654430.1, 4187668.4, 8.5, 8.5, 0.0); (654450.1, 4187668.4, 8.4, 8.4, 0.0);
(654470.1, 4187668.4, 8.4, 8.4, 0.0); (654490.1, 4187668.4, 8.4, 8.4, 0.0);
(653690.1, 4187688.4, 7.5, 7.5, 0.0); (653710.1, 4187688.4, 7.4, 7.4, 0.0);
(653730.1, 4187688.4, 7.3, 7.3, 0.0); (653750.1, 4187688.4, 7.3, 7.3, 0.0);
(653770.1, 4187688.4, 7.4, 7.4, 0.0); (653790.1, 4187688.4, 7.5, 7.5, 0.0);
(653810.1, 4187688.4, 7.6, 7.6, 0.0); (653830.1, 4187688.4, 7.7, 7.7, 0.0);
(653850.1, 4187688.4, 7.8, 7.8, 0.0); (653870.1, 4187688.4, 7.9, 7.9, 0.0);
(653890.1, 4187688.4, 8.1, 8.1, 0.0); (653910.1, 4187688.4, 8.2, 8.2, 0.0);
(653930.1, 4187688.4, 8.2, 8.2, 0.0); (653950.1, 4187688.4, 8.3, 8.3, 0.0);
(653970.1, 4187688.4, 8.3, 8.3, 0.0); (653990.1, 4187688.4, 8.3, 8.3, 0.0);
(654010.1, 4187688.4, 8.3, 8.3, 0.0); (654030.1, 4187688.4, 8.4, 8.4, 0.0);
(654050.1, 4187688.4, 8.4, 8.4, 0.0); (654070.1, 4187688.4, 8.4, 8.4, 0.0);
(654090.1, 4187688.4, 8.4, 8.4, 0.0); (654110.1, 4187688.4, 8.4, 8.4, 0.0);
(654130.1, 4187688.4, 8.4, 8.4, 0.0); (654150.1, 4187688.4, 8.4, 8.4, 0.0);
(654170.1, 4187688.4, 8.5, 8.5, 0.0); (654190.1,

```
4187688.4,       8.5,       8.5,       0.0);
     ( 654210.1, 4187688.4,       8.5,       8.5,       0.0);         ( 654230.1,
4187688.4,       8.5,       8.5,       0.0);
     ( 654250.1, 4187688.4,       8.5,       8.5,       0.0);         ( 654270.1,
4187688.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187688.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187688.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187688.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187688.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187688.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187688.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187688.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187688.4,       8.5,       8.5,       0.0);
     ( 654450.1, 4187688.4,       8.4,       8.4,       0.0);         ( 654470.1,
4187688.4,       8.4,       8.4,       0.0);
     ( 654490.1, 4187688.4,       8.4,       8.4,       0.0);         ( 653690.1,
4187708.4,       7.5,       7.5,       0.0);
     ( 653710.1, 4187708.4,       7.3,       7.3,       0.0);         ( 653730.1,
4187708.4,       7.1,       7.1,       0.0);
     ( 653750.1, 4187708.4,       7.1,       7.1,       0.0);         ( 653770.1,
4187708.4,       7.1,       7.1,       0.0);
     ( 653790.1, 4187708.4,       7.2,       7.2,       0.0);         ( 653810.1,
4187708.4,       7.4,       7.4,       0.0);
     ( 653830.1, 4187708.4,       7.6,       7.6,       0.0);         ( 653850.1,
4187708.4,       7.7,       7.7,       0.0);
     ( 653870.1, 4187708.4,       7.9,       7.9,       0.0);         ( 653890.1,
4187708.4,       8.1,       8.1,       0.0);
     ( 653910.1, 4187708.4,       8.2,       8.2,       0.0);         ( 653930.1,
4187708.4,       8.2,       8.2,       0.0);
     ( 653950.1, 4187708.4,       8.3,       8.3,       0.0);         ( 653970.1,
4187708.4,       8.3,       8.3,       0.0);
     ( 653990.1, 4187708.4,       8.3,       8.3,       0.0);         ( 654010.1,
4187708.4,       8.4,       8.4,       0.0);
     ( 654030.1, 4187708.4,       8.4,       8.4,       0.0);         ( 654050.1,
4187708.4,       8.4,       8.4,       0.0);
     ( 654070.1, 4187708.4,       8.4,       8.4,       0.0);         ( 654090.1,
4187708.4,       8.4,       8.4,       0.0);
     ( 654110.1, 4187708.4,       8.5,       8.5,       0.0);         ( 654130.1,
4187708.4,       8.5,       8.5,       0.0);
     ( 654150.1, 4187708.4,       8.5,       8.5,       0.0);         ( 654170.1,
4187708.4,       8.5,       8.5,       0.0);
     ( 654190.1, 4187708.4,       8.5,       8.5,       0.0);         ( 654210.1,
4187708.4,       8.5,       8.5,       0.0);
     ( 654230.1, 4187708.4,       8.5,       8.5,       0.0);         ( 654250.1,
4187708.4,       8.5,       8.5,       0.0);
     ( 654270.1, 4187708.4,       8.5,       8.5,       0.0);         ( 654290.1,
4187708.4,       8.5,       8.5,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(654310.1, 4187708.4, 8.5, 8.5, 0.0); (654330.1, 4187708.4, 8.5, 8.5, 0.0);
(654350.1, 4187708.4, 8.5, 8.5, 0.0); (654370.1, 4187708.4, 8.5, 8.5, 0.0);
(654390.1, 4187708.4, 8.5, 8.5, 0.0); (654410.1, 4187708.4, 8.5, 8.5, 0.0);
(654430.1, 4187708.4, 8.5, 8.5, 0.0); (654450.1, 4187708.4, 8.4, 8.4, 0.0);
(654470.1, 4187708.4, 8.4, 8.4, 0.0); (654490.1, 4187708.4, 8.4, 8.4, 0.0);
(653690.1, 4187728.4, 7.5, 7.5, 0.0); (653710.1, 4187728.4, 7.3, 7.3, 0.0);
(653730.1, 4187728.4, 7.0, 7.0, 0.0); (653750.1, 4187728.4, 7.0, 7.0, 0.0);
(653770.1, 4187728.4, 7.0, 7.0, 0.0); (653790.1, 4187728.4, 7.1, 7.1, 0.0);
(653810.1, 4187728.4, 7.2, 7.2, 0.0); (653830.1, 4187728.4, 7.5, 7.5, 0.0);
(653850.1, 4187728.4, 7.8, 7.8, 0.0); (653870.1, 4187728.4, 8.0, 8.0, 0.0);
(653890.1, 4187728.4, 8.2, 8.2, 0.0); (653910.1, 4187728.4, 8.2, 8.2, 0.0);
(653930.1, 4187728.4, 8.3, 8.3, 0.0); (653950.1, 4187728.4, 8.3, 8.3, 0.0);
(653970.1, 4187728.4, 8.4, 8.4, 0.0); (653990.1, 4187728.4, 8.4, 8.4, 0.0);
(654010.1, 4187728.4, 8.4, 8.4, 0.0); (654030.1, 4187728.4, 8.4, 8.4, 0.0);
(654050.1, 4187728.4, 8.4, 8.4, 0.0); (654070.1, 4187728.4, 8.5, 8.5, 0.0);
(654090.1, 4187728.4, 8.5, 8.5, 0.0); (654110.1, 4187728.4, 8.5, 8.5, 0.0);
(654130.1, 4187728.4, 8.5, 8.5, 0.0); (654150.1, 4187728.4, 8.5, 8.5, 0.0);
(654170.1, 4187728.4, 8.5, 8.5, 0.0); (654190.1, 4187728.4, 8.5, 8.5, 0.0);
(654210.1, 4187728.4, 8.5, 8.5, 0.0); (654230.1, 4187728.4, 8.5, 8.5, 0.0);
(654250.1, 4187728.4, 8.5, 8.5, 0.0); (654270.1, 4187728.4, 8.5, 8.5, 0.0);
(654290.1, 4187728.4, 8.5, 8.5, 0.0); (654310.1,

```
4187728.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187728.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187728.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187728.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187728.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187728.4,       8.5,       8.5,       0.0);         ( 654430.1,
4187728.4,       8.5,       8.5,       0.0);
     ( 654450.1, 4187728.4,       8.4,       8.4,       0.0);         ( 654470.1,
4187728.4,       8.4,       8.4,       0.0);
     ( 654490.1, 4187728.4,       8.4,       8.4,       0.0);         ( 653690.1,
4187748.4,       7.6,       7.6,       0.0);
     ( 653710.1, 4187748.4,       7.5,       7.5,       0.0);         ( 653730.1,
4187748.4,       7.1,       7.1,       0.0);
     ( 653750.1, 4187748.4,       7.0,       7.0,       0.0);         ( 653770.1,
4187748.4,       7.0,       7.0,       0.0);
     ( 653790.1, 4187748.4,       7.0,       7.0,       0.0);         ( 653810.1,
4187748.4,       7.2,       7.2,       0.0);
     ( 653830.1, 4187748.4,       7.6,       7.6,       0.0);         ( 653850.1,
4187748.4,       7.8,       7.8,       0.0);
     ( 653870.1, 4187748.4,       8.1,       8.1,       0.0);         ( 653890.1,
4187748.4,       8.2,       8.2,       0.0);
     ( 653910.1, 4187748.4,       8.3,       8.3,       0.0);         ( 653930.1,
4187748.4,       8.3,       8.3,       0.0);
     ( 653950.1, 4187748.4,       8.4,       8.4,       0.0);         ( 653970.1,
4187748.4,       8.4,       8.4,       0.0);
     ( 653990.1, 4187748.4,       8.4,       8.4,       0.0);         ( 654010.1,
4187748.4,       8.4,       8.4,       0.0);
     ( 654030.1, 4187748.4,       8.4,       8.4,       0.0);         ( 654050.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654070.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654090.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654110.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654130.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654150.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654170.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654190.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654210.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654230.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654250.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654270.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654290.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654310.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654410.1,
4187748.4,       8.5,       8.5,       0.0);
     ( 654430.1, 4187748.4,       8.5,       8.5,       0.0);         ( 654450.1,
4187748.4,       8.4,       8.4,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (654470.1, 4187748.4,   8.4,   8.4,   0.0);   (654490.1,
4187748.4,   8.4,   8.4,   0.0);
     (653690.1, 4187768.4,   7.7,   7.7,   0.0);   (653710.1,
4187768.4,   7.6,   7.6,   0.0);
     (653730.1, 4187768.4,   7.4,   7.4,   0.0);   (653750.1,
4187768.4,   7.0,   7.0,   0.0);
     (653770.1, 4187768.4,   7.0,   7.0,   0.0);   (653790.1,
4187768.4,   7.0,   7.0,   0.0);
     (653810.1, 4187768.4,   7.3,   7.3,   0.0);   (653830.1,
4187768.4,   7.6,   7.6,   0.0);
     (653850.1, 4187768.4,   7.9,   7.9,   0.0);   (653870.1,
4187768.4,   8.1,   8.1,   0.0);
     (653890.1, 4187768.4,   8.2,   8.2,   0.0);   (653910.1,
4187768.4,   8.3,   8.3,   0.0);
     (653930.1, 4187768.4,   8.4,   8.4,   0.0);   (653950.1,
4187768.4,   8.4,   8.4,   0.0);
     (653970.1, 4187768.4,   8.4,   8.4,   0.0);   (653990.1,
4187768.4,   8.4,   8.4,   0.0);
     (654010.1, 4187768.4,   8.4,   8.4,   0.0);   (654030.1,
4187768.4,   8.5,   8.5,   0.0);
     (654050.1, 4187768.4,   8.5,   8.5,   0.0);   (654070.1,
4187768.4,   8.5,   8.5,   0.0);
     (654090.1, 4187768.4,   8.5,   8.5,   0.0);   (654110.1,
4187768.4,   8.5,   8.5,   0.0);
     (654130.1, 4187768.4,   8.5,   8.5,   0.0);   (654150.1,
4187768.4,   8.5,   8.5,   0.0);
     (654170.1, 4187768.4,   8.6,   8.6,   0.0);   (654190.1,
4187768.4,   8.6,   8.6,   0.0);
     (654210.1, 4187768.4,   8.6,   8.6,   0.0);   (654230.1,
4187768.4,   8.6,   8.6,   0.0);
     (654250.1, 4187768.4,   8.6,   8.6,   0.0);   (654270.1,
4187768.4,   8.6,   8.6,   0.0);
     (654290.1, 4187768.4,   8.5,   8.5,   0.0);   (654310.1,
4187768.4,   8.5,   8.5,   0.0);
     (654330.1, 4187768.4,   8.5,   8.5,   0.0);   (654350.1,
4187768.4,   8.5,   8.5,   0.0);
     (654370.1, 4187768.4,   8.5,   8.5,   0.0);   (654390.1,
4187768.4,   8.5,   8.5,   0.0);
     (654410.1, 4187768.4,   8.5,   8.5,   0.0);   (654430.1,

```
4187768.4,       8.4,       8.4,       0.0);
     ( 654450.1, 4187768.4,       8.4,       8.4,       0.0);         ( 654470.1,
4187768.4,       8.4,       8.4,       0.0);
     ( 654490.1, 4187768.4,       8.4,       8.4,       0.0);         ( 653690.1,
4187788.4,       7.7,       7.7,       0.0);
     ( 653710.1, 4187788.4,       7.7,       7.7,       0.0);         ( 653730.1,
4187788.4,       7.6,       7.6,       0.0);
     ( 653750.1, 4187788.4,       7.2,       7.2,       0.0);         ( 653770.1,
4187788.4,       7.0,       7.0,       0.0);
     ( 653790.1, 4187788.4,       7.1,       7.1,       0.0);         ( 653810.1,
4187788.4,       7.5,       7.5,       0.0);
     ( 653830.1, 4187788.4,       7.7,       7.7,       0.0);         ( 653850.1,
4187788.4,       8.0,       8.0,       0.0);
     ( 653870.1, 4187788.4,       8.2,       8.2,       0.0);         ( 653890.1,
4187788.4,       8.3,       8.3,       0.0);
     ( 653910.1, 4187788.4,       8.3,       8.3,       0.0);         ( 653930.1,
4187788.4,       8.4,       8.4,       0.0);
     ( 653950.1, 4187788.4,       8.4,       8.4,       0.0);         ( 653970.1,
4187788.4,       8.4,       8.4,       0.0);
     ( 653990.1, 4187788.4,       8.4,       8.4,       0.0);         ( 654010.1,
4187788.4,       8.5,       8.5,       0.0);
     ( 654030.1, 4187788.4,       8.5,       8.5,       0.0);         ( 654050.1,
4187788.4,       8.5,       8.5,       0.0);
     ( 654070.1, 4187788.4,       8.5,       8.5,       0.0);         ( 654090.1,
4187788.4,       8.5,       8.5,       0.0);
     ( 654110.1, 4187788.4,       8.5,       8.5,       0.0);         ( 654130.1,
4187788.4,       8.6,       8.6,       0.0);
     ( 654150.1, 4187788.4,       8.6,       8.6,       0.0);         ( 654170.1,
4187788.4,       8.6,       8.6,       0.0);
     ( 654190.1, 4187788.4,       8.6,       8.6,       0.0);         ( 654210.1,
4187788.4,       8.6,       8.6,       0.0);
     ( 654230.1, 4187788.4,       8.6,       8.6,       0.0);         ( 654250.1,
4187788.4,       8.6,       8.6,       0.0);
     ( 654270.1, 4187788.4,       8.6,       8.6,       0.0);         ( 654290.1,
4187788.4,       8.6,       8.6,       0.0);
     ( 654310.1, 4187788.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187788.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187788.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187788.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187788.4,       8.5,       8.5,       0.0);         ( 654410.1,
4187788.4,       8.5,       8.5,       0.0);
     ( 654430.1, 4187788.4,       8.4,       8.4,       0.0);         ( 654450.1,
4187788.4,       8.4,       8.4,       0.0);
     ( 654470.1, 4187788.4,       8.4,       8.4,       0.0);         ( 654490.1,
4187788.4,       8.4,       8.4,       0.0);
     ( 653690.1, 4187808.4,       7.9,       7.9,       0.0);         ( 653710.1,
4187808.4,       7.7,       7.7,       0.0);
     ( 653730.1, 4187808.4,       7.7,       7.7,       0.0);         ( 653750.1,
4187808.4,       7.4,       7.4,       0.0);
     ( 653770.1, 4187808.4,       7.2,       7.2,       0.0);         ( 653790.1,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 653810.1, 4187808.4,       7.6,       7.6,       0.0);         ( 653830.1,
4187808.4,       7.9,       7.9,       0.0);
     ( 653850.1, 4187808.4,       8.1,       8.1,       0.0);         ( 653870.1,
4187808.4,       8.2,       8.2,       0.0);
     ( 653890.1, 4187808.4,       8.3,       8.3,       0.0);         ( 653910.1,
4187808.4,       8.4,       8.4,       0.0);
     ( 653930.1, 4187808.4,       8.4,       8.4,       0.0);         ( 653950.1,
4187808.4,       8.4,       8.4,       0.0);
     ( 653970.1, 4187808.4,       8.4,       8.4,       0.0);         ( 653990.1,
4187808.4,       8.5,       8.5,       0.0);
     ( 654010.1, 4187808.4,       8.5,       8.5,       0.0);         ( 654030.1,
4187808.4,       8.5,       8.5,       0.0);
     ( 654050.1, 4187808.4,       8.5,       8.5,       0.0);         ( 654070.1,
4187808.4,       8.5,       8.5,       0.0);
     ( 654090.1, 4187808.4,       8.5,       8.5,       0.0);         ( 654110.1,
4187808.4,       8.6,       8.6,       0.0);
     ( 654130.1, 4187808.4,       8.6,       8.6,       0.0);         ( 654150.1,
4187808.4,       8.6,       8.6,       0.0);
     ( 654170.1, 4187808.4,       8.6,       8.6,       0.0);         ( 654190.1,
4187808.4,       8.6,       8.6,       0.0);
     ( 654210.1, 4187808.4,       8.6,       8.6,       0.0);         ( 654230.1,
4187808.4,       8.6,       8.6,       0.0);
     ( 654250.1, 4187808.4,       8.6,       8.6,       0.0);         ( 654270.1,
4187808.4,       8.6,       8.6,       0.0);
     ( 654290.1, 4187808.4,       8.6,       8.6,       0.0);         ( 654310.1,
4187808.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187808.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187808.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187808.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187808.4,       8.5,       8.5,       0.0);
     ( 654410.1, 4187808.4,       8.4,       8.4,       0.0);         ( 654430.1,
4187808.4,       8.4,       8.4,       0.0);
     ( 654450.1, 4187808.4,       8.4,       8.4,       0.0);         ( 654470.1,
4187808.4,       8.3,       8.3,       0.0);
     ( 654490.1, 4187808.4,       8.3,       8.3,       0.0);         ( 653690.1,
4187828.4,       7.9,       7.9,       0.0);
     ( 653710.1, 4187828.4,       7.8,       7.8,       0.0);         ( 653730.1,
```

```
4187828.4,       7.7,       7.7,       0.0);
     ( 653750.1, 4187828.4,       7.6,       7.6,       0.0);         ( 653770.1,
4187828.4,       7.6,       7.6,       0.0);
     ( 653790.1, 4187828.4,       7.7,       7.7,       0.0);         ( 653810.1,
4187828.4,       7.9,       7.9,       0.0);
     ( 653830.1, 4187828.4,       8.1,       8.1,       0.0);         ( 653850.1,
4187828.4,       8.2,       8.2,       0.0);
     ( 653870.1, 4187828.4,       8.3,       8.3,       0.0);         ( 653890.1,
4187828.4,       8.3,       8.3,       0.0);
     ( 653910.1, 4187828.4,       8.4,       8.4,       0.0);         ( 653930.1,
4187828.4,       8.4,       8.4,       0.0);
     ( 653950.1, 4187828.4,       8.4,       8.4,       0.0);         ( 653970.1,
4187828.4,       8.5,       8.5,       0.0);
     ( 653990.1, 4187828.4,       8.5,       8.5,       0.0);         ( 654010.1,
4187828.4,       8.5,       8.5,       0.0);
     ( 654030.1, 4187828.4,       8.5,       8.5,       0.0);         ( 654050.1,
4187828.4,       8.5,       8.5,       0.0);
     ( 654070.1, 4187828.4,       8.5,       8.5,       0.0);         ( 654090.1,
4187828.4,       8.5,       8.5,       0.0);
     ( 654110.1, 4187828.4,       8.6,       8.6,       0.0);         ( 654130.1,
4187828.4,       8.6,       8.6,       0.0);
     ( 654150.1, 4187828.4,       8.6,       8.6,       0.0);         ( 654170.1,
4187828.4,       8.6,       8.6,       0.0);
     ( 654190.1, 4187828.4,       8.6,       8.6,       0.0);         ( 654210.1,
4187828.4,       8.6,       8.6,       0.0);
     ( 654230.1, 4187828.4,       8.6,       8.6,       0.0);         ( 654250.1,
4187828.4,       8.6,       8.6,       0.0);
     ( 654270.1, 4187828.4,       8.6,       8.6,       0.0);         ( 654290.1,
4187828.4,       8.6,       8.6,       0.0);
     ( 654310.1, 4187828.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187828.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187828.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187828.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187828.4,       8.5,       8.5,       0.0);         ( 654410.1,
4187828.4,       8.4,       8.4,       0.0);
     ( 654430.1, 4187828.4,       8.4,       8.4,       0.0);         ( 654450.1,
4187828.4,       8.4,       8.4,       0.0);
     ( 654470.1, 4187828.4,       8.3,       8.3,       0.0);         ( 654490.1,
4187828.4,       8.3,       8.3,       0.0);
     ( 653690.1, 4187848.4,       8.0,       8.0,       0.0);         ( 653710.1,
4187848.4,       7.9,       7.9,       0.0);
     ( 653730.1, 4187848.4,       7.8,       7.8,       0.0);         ( 653750.1,
4187848.4,       7.8,       7.8,       0.0);
     ( 653770.1, 4187848.4,       7.9,       7.9,       0.0);         ( 653790.1,
4187848.4,       8.0,       8.0,       0.0);
     ( 653810.1, 4187848.4,       8.1,       8.1,       0.0);         ( 653830.1,
4187848.4,       8.2,       8.2,       0.0);
     ( 653850.1, 4187848.4,       8.3,       8.3,       0.0);         ( 653870.1,
4187848.4,       8.3,       8.3,       0.0);
     ( 653890.1, 4187848.4,       8.4,       8.4,       0.0);         ( 653910.1,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653970.1, 4187848.4, 8.5, 8.5, 0.0); (653990.1,
4187848.4, 8.5, 8.5, 0.0);
(654010.1, 4187848.4, 8.5, 8.5, 0.0); (654030.1,
4187848.4, 8.5, 8.5, 0.0);
(654050.1, 4187848.4, 8.5, 8.5, 0.0); (654070.1,
4187848.4, 8.5, 8.5, 0.0);
(654090.1, 4187848.4, 8.6, 8.6, 0.0); (654110.1,
4187848.4, 8.6, 8.6, 0.0);
(654130.1, 4187848.4, 8.6, 8.6, 0.0); (654150.1,
4187848.4, 8.6, 8.6, 0.0);
(654170.1, 4187848.4, 8.6, 8.6, 0.0); (654190.1,
4187848.4, 8.6, 8.6, 0.0);
(654210.1, 4187848.4, 8.6, 8.6, 0.0); (654230.1,
4187848.4, 8.6, 8.6, 0.0);
(654250.1, 4187848.4, 8.6, 8.6, 0.0); (654270.1,
4187848.4, 8.6, 8.6, 0.0);
(654290.1, 4187848.4, 8.6, 8.6, 0.0); (654310.1,
4187848.4, 8.5, 8.5, 0.0);
(654330.1, 4187848.4, 8.5, 8.5, 0.0); (654350.1,
4187848.4, 8.5, 8.5, 0.0);
(654370.1, 4187848.4, 8.5, 8.5, 0.0); (654390.1,
4187848.4, 8.5, 8.5, 0.0);
(654410.1, 4187848.4, 8.4, 8.4, 0.0); (654430.1,
4187848.4, 8.4, 8.4, 0.0);
(654450.1, 4187848.4, 8.3, 8.3, 0.0); (654470.1,
4187848.4, 8.3, 8.3, 0.0);
(654490.1, 4187848.4, 8.4, 8.4, 0.0); (653690.1,
4187868.4, 8.0, 8.0, 0.0);
(653710.1, 4187868.4, 8.0, 8.0, 0.0); (653730.1,
4187868.4, 8.0, 8.0, 0.0);
(653750.1, 4187868.4, 8.0, 8.0, 0.0); (653770.1,
4187868.4, 8.1, 8.1, 0.0);
(653790.1, 4187868.4, 8.2, 8.2, 0.0); (653810.1,
4187868.4, 8.2, 8.2, 0.0);
(653830.1, 4187868.4, 8.3, 8.3, 0.0); (653850.1,

```
4187868.4,       8.3,       8.3,       0.0);
     ( 653870.1, 4187868.4,       8.4,       8.4,       0.0);         ( 653890.1,
4187868.4,       8.4,       8.4,       0.0);
     ( 653910.1, 4187868.4,       8.4,       8.4,       0.0);         ( 653930.1,
4187868.4,       8.5,       8.5,       0.0);
     ( 653950.1, 4187868.4,       8.5,       8.5,       0.0);         ( 653970.1,
4187868.4,       8.5,       8.5,       0.0);
     ( 653990.1, 4187868.4,       8.5,       8.5,       0.0);         ( 654010.1,
4187868.4,       8.5,       8.5,       0.0);
     ( 654030.1, 4187868.4,       8.5,       8.5,       0.0);         ( 654050.1,
4187868.4,       8.5,       8.5,       0.0);
     ( 654070.1, 4187868.4,       8.5,       8.5,       0.0);         ( 654090.1,
4187868.4,       8.6,       8.6,       0.0);
     ( 654110.1, 4187868.4,       8.6,       8.6,       0.0);         ( 654130.1,
4187868.4,       8.6,       8.6,       0.0);
     ( 654150.1, 4187868.4,       8.6,       8.6,       0.0);         ( 654170.1,
4187868.4,       8.6,       8.6,       0.0);
     ( 654190.1, 4187868.4,       8.6,       8.6,       0.0);         ( 654210.1,
4187868.4,       8.6,       8.6,       0.0);
     ( 654230.1, 4187868.4,       8.6,       8.6,       0.0);         ( 654250.1,
4187868.4,       8.6,       8.6,       0.0);
     ( 654270.1, 4187868.4,       8.6,       8.6,       0.0);         ( 654290.1,
4187868.4,       8.6,       8.6,       0.0);
     ( 654310.1, 4187868.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187868.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187868.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187868.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187868.4,       8.4,       8.4,       0.0);         ( 654410.1,
4187868.4,       8.4,       8.4,       0.0);
     ( 654430.1, 4187868.4,       8.4,       8.4,       0.0);         ( 654450.1,
4187868.4,       8.3,       8.3,       0.0);
     ( 654470.1, 4187868.4,       8.3,       8.3,       0.0);         ( 654490.1,
4187868.4,       8.4,       8.4,       0.0);
     ( 653690.1, 4187888.4,       8.1,       8.1,       0.0);         ( 653830.1,
4187888.4,       8.3,       8.3,       0.0);
     ( 653850.1, 4187888.4,       8.3,       8.3,       0.0);         ( 653870.1,
4187888.4,       8.4,       8.4,       0.0);
     ( 653890.1, 4187888.4,       8.4,       8.4,       0.0);         ( 653910.1,
4187888.4,       8.5,       8.5,       0.0);
     ( 653930.1, 4187888.4,       8.5,       8.5,       0.0);         ( 653950.1,
4187888.4,       8.5,       8.5,       0.0);
     ( 653970.1, 4187888.4,       8.5,       8.5,       0.0);         ( 653990.1,
4187888.4,       8.5,       8.5,       0.0);
     ( 654010.1, 4187888.4,       8.5,       8.5,       0.0);         ( 654030.1,
4187888.4,       8.5,       8.5,       0.0);
     ( 654050.1, 4187888.4,       8.5,       8.5,       0.0);         ( 654070.1,
4187888.4,       8.6,       8.6,       0.0);
     ( 654090.1, 4187888.4,       8.6,       8.6,       0.0);         ( 654110.1,
4187888.4,       8.6,       8.6,       0.0);
     ( 654130.1, 4187888.4,       8.6,       8.6,       0.0);         ( 654150.1,
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4187888.4, 8.6, 8.6, 0.0);
     (654170.1, 4187888.4, 8.6, 8.6, 0.0); (654190.1,
4187888.4, 8.6, 8.6, 0.0);
     (654210.1, 4187888.4, 8.6, 8.6, 0.0); (654230.1,
4187888.4, 8.6, 8.6, 0.0);

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

     (654250.1, 4187888.4, 8.6, 8.6, 0.0); (654270.1,
4187888.4, 8.6, 8.6, 0.0);
     (654290.1, 4187888.4, 8.5, 8.5, 0.0); (654310.1,
4187888.4, 8.5, 8.5, 0.0);
     (654330.1, 4187888.4, 8.5, 8.5, 0.0); (654350.1,
4187888.4, 8.5, 8.5, 0.0);
     (654370.1, 4187888.4, 8.5, 8.5, 0.0); (654390.1,
4187888.4, 8.4, 8.4, 0.0);
     (654410.1, 4187888.4, 8.4, 8.4, 0.0); (654430.1,
4187888.4, 8.4, 8.4, 0.0);
     (654450.1, 4187888.4, 8.3, 8.3, 0.0); (654470.1,
4187888.4, 8.3, 8.3, 0.0);
     (654490.1, 4187888.4, 8.3, 8.3, 0.0); (653690.1,
4187908.4, 8.1, 8.1, 0.0);
     (653830.1, 4187908.4, 8.4, 8.4, 0.0); (653850.1,
4187908.4, 8.4, 8.4, 0.0);
     (653870.1, 4187908.4, 8.4, 8.4, 0.0); (653890.1,
4187908.4, 8.4, 8.4, 0.0);
     (653910.1, 4187908.4, 8.5, 8.5, 0.0); (653930.1,
4187908.4, 8.5, 8.5, 0.0);
     (653950.1, 4187908.4, 8.5, 8.5, 0.0); (653970.1,
4187908.4, 8.5, 8.5, 0.0);
     (653990.1, 4187908.4, 8.5, 8.5, 0.0); (654010.1,
4187908.4, 8.5, 8.5, 0.0);
     (654030.1, 4187908.4, 8.5, 8.5, 0.0); (654050.1,
4187908.4, 8.5, 8.5, 0.0);
     (654070.1, 4187908.4, 8.6, 8.6, 0.0); (654090.1,
4187908.4, 8.6, 8.6, 0.0);
     (654110.1, 4187908.4, 8.6, 8.6, 0.0); (654130.1,
4187908.4, 8.6, 8.6, 0.0);
     (654150.1, 4187908.4, 8.6, 8.6, 0.0); (654170.1,
4187908.4, 8.6, 8.6, 0.0);
     (654190.1, 4187908.4, 8.6, 8.6, 0.0); (654210.1,

```
4187908.4,       8.6,       8.6,       0.0);
     ( 654230.1, 4187908.4,       8.6,       8.6,       0.0);         ( 654250.1,
4187908.4,       8.6,       8.6,       0.0);
     ( 654270.1, 4187908.4,       8.6,       8.6,       0.0);         ( 654290.1,
4187908.4,       8.5,       8.5,       0.0);
     ( 654310.1, 4187908.4,       8.5,       8.5,       0.0);         ( 654330.1,
4187908.4,       8.5,       8.5,       0.0);
     ( 654350.1, 4187908.4,       8.5,       8.5,       0.0);         ( 654370.1,
4187908.4,       8.5,       8.5,       0.0);
     ( 654390.1, 4187908.4,       8.4,       8.4,       0.0);         ( 654410.1,
4187908.4,       8.4,       8.4,       0.0);
     ( 654430.1, 4187908.4,       8.4,       8.4,       0.0);         ( 654450.1,
4187908.4,       8.3,       8.3,       0.0);
     ( 654470.1, 4187908.4,       8.3,       8.3,       0.0);         ( 654490.1,
4187908.4,       8.4,       8.4,       0.0);
     ( 653690.1, 4187928.4,       8.1,       8.1,       0.0);         ( 653830.1,
4187928.4,       8.4,       8.4,       0.0);
     ( 653850.1, 4187928.4,       8.4,       8.4,       0.0);         ( 653870.1,
4187928.4,       8.4,       8.4,       0.0);
     ( 653890.1, 4187928.4,       8.5,       8.5,       0.0);         ( 653910.1,
4187928.4,       8.5,       8.5,       0.0);
     ( 653930.1, 4187928.4,       8.5,       8.5,       0.0);         ( 653950.1,
4187928.4,       8.5,       8.5,       0.0);
     ( 653970.1, 4187928.4,       8.5,       8.5,       0.0);         ( 653990.1,
4187928.4,       8.5,       8.5,       0.0);
     ( 654010.1, 4187928.4,       8.5,       8.5,       0.0);         ( 654030.1,
4187928.4,       8.5,       8.5,       0.0);
     ( 654050.1, 4187928.4,       8.5,       8.5,       0.0);         ( 654070.1,
4187928.4,       8.6,       8.6,       0.0);
     ( 654090.1, 4187928.4,       8.5,       8.5,       0.0);         ( 654110.1,
4187928.4,       8.6,       8.6,       0.0);
     ( 654130.1, 4187928.4,       8.6,       8.6,       0.0);         ( 654150.1,
4187928.4,       8.6,       8.6,       0.0);
     ( 654170.1, 4187928.4,       8.6,       8.6,       0.0);         ( 654190.1,
4187928.4,       8.6,       8.6,       0.0);
     ( 654210.1, 4187928.4,       8.6,       8.6,       0.0);         ( 654230.1,
4187928.4,       8.6,       8.6,       0.0);
     ( 654250.1, 4187928.4,       8.6,       8.6,       0.0);         ( 654270.1,
4187928.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187928.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187928.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187928.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187928.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187928.4,       8.5,       8.5,       0.0);         ( 654390.1,
4187928.4,       8.4,       8.4,       0.0);
     ( 654410.1, 4187928.4,       8.4,       8.4,       0.0);         ( 654430.1,
4187928.4,       8.3,       8.3,       0.0);
     ( 654450.1, 4187928.4,       8.3,       8.3,       0.0);         ( 654470.1,
4187928.4,       8.3,       8.3,       0.0);
     ( 654490.1, 4187928.4,       8.4,       8.4,       0.0);         ( 653690.1,
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4187948.4, 8.2, 8.2, 0.0);
     (653830.1, 4187948.4, 8.4, 8.4, 0.0); (653850.1,
4187948.4, 8.4, 8.4, 0.0);
     (653870.1, 4187948.4, 8.5, 8.5, 0.0); (653890.1,
4187948.4, 8.5, 8.5, 0.0);
     (653910.1, 4187948.4, 8.5, 8.5, 0.0); (653930.1,
4187948.4, 8.5, 8.5, 0.0);

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                           (METERS)

     (653950.1, 4187948.4, 8.5, 8.5, 0.0); (653970.1,
4187948.4, 8.5, 8.5, 0.0);
     (653990.1, 4187948.4, 8.5, 8.5, 0.0); (654010.1,
4187948.4, 8.5, 8.5, 0.0);
     (654030.1, 4187948.4, 8.5, 8.5, 0.0); (654050.1,
4187948.4, 8.5, 8.5, 0.0);
     (654070.1, 4187948.4, 8.5, 8.5, 0.0); (654090.1,
4187948.4, 8.5, 8.5, 0.0);
     (654110.1, 4187948.4, 8.6, 8.6, 0.0); (654130.1,
4187948.4, 8.6, 8.6, 0.0);
     (654150.1, 4187948.4, 8.5, 8.5, 0.0); (654170.1,
4187948.4, 8.6, 8.6, 0.0);
     (654190.1, 4187948.4, 8.6, 8.6, 0.0); (654210.1,
4187948.4, 8.6, 8.6, 0.0);
     (654230.1, 4187948.4, 8.6, 8.6, 0.0); (654250.1,
4187948.4, 8.6, 8.6, 0.0);
     (654270.1, 4187948.4, 8.5, 8.5, 0.0); (654290.1,
4187948.4, 8.5, 8.5, 0.0);
     (654310.1, 4187948.4, 8.5, 8.5, 0.0); (654330.1,
4187948.4, 8.5, 8.5, 0.0);
     (654350.1, 4187948.4, 8.5, 8.5, 0.0); (654370.1,
4187948.4, 8.5, 8.5, 0.0);
     (654390.1, 4187948.4, 8.4, 8.4, 0.0); (654410.1,
4187948.4, 8.4, 8.4, 0.0);
     (654430.1, 4187948.4, 8.3, 8.3, 0.0); (654450.1,
4187948.4, 8.3, 8.3, 0.0);
     (654470.1, 4187948.4, 8.4, 8.4, 0.0); (654490.1,
4187948.4, 8.4, 8.4, 0.0);
     (653690.1, 4187968.4, 8.2, 8.2, 0.0); (653830.1,
4187968.4, 8.4, 8.4, 0.0);
     (653850.1, 4187968.4, 8.4, 8.4, 0.0); (653870.1,

```
4187968.4,       8.5,       8.5,       0.0);
     ( 653890.1, 4187968.4,       8.5,       8.5,       0.0);         ( 653910.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 653930.1, 4187968.4,       8.5,       8.5,       0.0);         ( 653950.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 653970.1, 4187968.4,       8.5,       8.5,       0.0);         ( 653990.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654010.1, 4187968.4,       8.5,       8.5,       0.0);         ( 654030.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654050.1, 4187968.4,       8.5,       8.5,       0.0);         ( 654070.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654090.1, 4187968.4,       8.5,       8.5,       0.0);         ( 654110.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654130.1, 4187968.4,       8.5,       8.5,       0.0);         ( 654150.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654170.1, 4187968.4,       8.6,       8.6,       0.0);         ( 654190.1,
4187968.4,       8.6,       8.6,       0.0);
     ( 654210.1, 4187968.4,       8.6,       8.6,       0.0);         ( 654230.1,
4187968.4,       8.6,       8.6,       0.0);
     ( 654250.1, 4187968.4,       8.5,       8.5,       0.0);         ( 654270.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654290.1, 4187968.4,       8.5,       8.5,       0.0);         ( 654310.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654330.1, 4187968.4,       8.5,       8.5,       0.0);         ( 654350.1,
4187968.4,       8.5,       8.5,       0.0);
     ( 654370.1, 4187968.4,       8.4,       8.4,       0.0);         ( 654390.1,
4187968.4,       8.4,       8.4,       0.0);
     ( 654410.1, 4187968.4,       8.4,       8.4,       0.0);         ( 654430.1,
4187968.4,       8.3,       8.3,       0.0);
     ( 654450.1, 4187968.4,       8.3,       8.3,       0.0);         ( 654470.1,
4187968.4,       8.4,       8.4,       0.0);
     ( 654490.1, 4187968.4,       8.4,       8.4,       0.0);         ( 653690.1,
4187988.4,       8.2,       8.2,       0.0);
     ( 653830.1, 4187988.4,       8.4,       8.4,       0.0);         ( 653850.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 653870.1, 4187988.4,       8.5,       8.5,       0.0);         ( 653890.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 653910.1, 4187988.4,       8.5,       8.5,       0.0);         ( 653930.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 653950.1, 4187988.4,       8.5,       8.5,       0.0);         ( 653970.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 653990.1, 4187988.4,       8.5,       8.5,       0.0);         ( 654010.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 654030.1, 4187988.4,       8.5,       8.5,       0.0);         ( 654050.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 654070.1, 4187988.4,       8.5,       8.5,       0.0);         ( 654090.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 654110.1, 4187988.4,       8.5,       8.5,       0.0);         ( 654130.1,
4187988.4,       8.5,       8.5,       0.0);
     ( 654150.1, 4187988.4,       8.5,       8.5,       0.0);         ( 654170.1,
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4187988.4,   8.5,   8.5,   0.0);
     (654190.1, 4187988.4,   8.5,   8.5,   0.0);   (654210.1,
4187988.4,   8.6,   8.6,   0.0);
     (654230.1, 4187988.4,   8.6,   8.6,   0.0);   (654250.1,
4187988.4,   8.5,   8.5,   0.0);
     (654270.1, 4187988.4,   8.5,   8.5,   0.0);   (654290.1,
4187988.4,   8.5,   8.5,   0.0);
     (654310.1, 4187988.4,   8.5,   8.5,   0.0);   (654330.1,
4187988.4,   8.5,   8.5,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     (654350.1, 4187988.4,   8.5,   8.5,   0.0);   (654370.1,
4187988.4,   8.4,   8.4,   0.0);
     (654390.1, 4187988.4,   8.4,   8.4,   0.0);   (654410.1,
4187988.4,   8.4,   8.4,   0.0);
     (654430.1, 4187988.4,   8.3,   8.3,   0.0);   (654450.1,
4187988.4,   8.3,   8.3,   0.0);
     (654470.1, 4187988.4,   8.4,   8.4,   0.0);   (654490.1,
4187988.4,   8.4,   8.4,   0.0);
     (653655.1, 4187974.8,   8.1,   8.1,   0.0);   (653791.2,
4188024.7,   8.4,   8.4,   0.0);
     (653828.0, 4188054.3,   8.5,   8.5,   0.0);   (653851.7,
4188037.0,   8.5,   8.5,   0.0);
     (653905.3, 4188036.1,   8.5,   8.5,   0.0);   (653749.8,
4188104.2,   8.4,   8.4,   0.0);
     (653938.3, 4188029.8,   8.5,   8.5,   0.0);   (653988.6,
4188027.7,   8.5,   8.5,   0.0);
     (654041.4, 4188038.2,   8.5,   8.5,   0.0);   (653989.9,
4188051.8,   8.5,   8.5,   0.0);
     (653634.0, 4187869.2,   8.1,   8.1,   0.0);   (653624.7,
4187963.0,   8.1,   8.1,   0.0);
     (653582.9, 4187962.2,   8.1,   8.1,   0.0);   (653701.2,
4188100.8,   8.3,   8.3,   0.0);
     (654582.9, 4187495.3,   8.5,   8.5,   0.0);   (654554.3,
4187451.5,   8.6,   8.6,   0.0);
     (654607.7, 4187449.6,   8.6,   8.6,   0.0);   (654492.6,
4186914.2,   8.8,   8.8,   0.0);
     (654507.1, 4186910.8,   8.9,   8.9,   0.0);   (654509.1,
4186964.5,   8.8,   8.8,   0.0);
     (653809.3, 4186919.7,   8.3,   8.3,   0.0);   (654342.3,

```
4186818.7,       8.4,       8.4,       0.0);
     ( 655092.5, 4187197.6,       9.2,       9.2,       0.0);         ( 654238.7,
4186303.4,       8.7,       8.7,       0.0);
     ( 655153.1, 4188271.1,       9.4,       9.4,       0.0);         ( 653689.1,
4188008.6,       8.2,       8.2,       0.0);
     ( 653683.7, 4188032.4,       8.2,       8.2,       0.0);         ( 653706.1,
4188038.3,       8.3,       8.3,       0.0);
     ( 653679.4, 4188056.7,       8.3,       8.3,       0.0);         ( 653658.8,
4188047.2,       8.2,       8.2,       0.0);
     ( 653703.0, 4188063.1,       8.3,       8.3,       0.0);         ( 653675.6,
4188081.2,       8.3,       8.3,       0.0);
     ( 653653.7, 4188071.1,       8.2,       8.2,       0.0);         ( 653699.9,
4188087.9,       8.3,       8.3,       0.0);
     ( 653668.6, 4188130.4,       8.3,       8.3,       0.0);         ( 653645.1,
4188119.6,       8.3,       8.3,       0.0);
     ( 653621.6, 4188108.8,       8.2,       8.2,       0.0);         ( 653693.7,
4188137.5,       8.3,       8.3,       0.0);
     ( 653663.2, 4188180.4,       8.4,       8.4,       0.0);         ( 653641.3,
4188170.3,       8.3,       8.3,       0.0);
     ( 653619.3, 4188160.2,       8.3,       8.3,       0.0);         ( 653597.4,
4188150.1,       8.3,       8.3,       0.0);
     ( 653575.4, 4188140.0,       8.3,       8.3,       0.0);         ( 653687.5,
4188187.1,       8.4,       8.4,       0.0);
     ( 653656.5, 4188229.8,       8.4,       8.4,       0.0);         ( 653633.7,
4188219.3,       8.4,       8.4,       0.0);
     ( 653610.8, 4188208.8,       8.4,       8.4,       0.0);         ( 653587.9,
4188198.2,       8.3,       8.3,       0.0);
     ( 653565.1, 4188187.7,       8.3,       8.3,       0.0);         ( 653542.2,
4188177.2,       8.3,       8.3,       0.0);
     ( 653681.2, 4188236.7,       8.4,       8.4,       0.0);         ( 653650.0,
4188279.3,       8.3,       8.3,       0.0);
     ( 653626.5, 4188268.4,       8.3,       8.3,       0.0);         ( 653603.0,
4188257.6,       8.3,       8.3,       0.0);
     ( 653579.4, 4188246.8,       8.3,       8.3,       0.0);         ( 653555.9,
4188235.9,       8.3,       8.3,       0.0);
     ( 653532.4, 4188225.1,       8.3,       8.3,       0.0);         ( 653508.9,
4188214.3,       8.3,       8.3,       0.0);
     ( 653675.0, 4188286.3,       8.2,       8.2,       0.0);         ( 653643.6,
4188328.8,       8.0,       8.0,       0.0);
     ( 653619.5, 4188317.7,       8.0,       8.0,       0.0);         ( 653595.5,
4188306.7,       8.1,       8.1,       0.0);
     ( 653571.5, 4188295.6,       8.2,       8.2,       0.0);         ( 653547.5,
4188284.5,       8.2,       8.2,       0.0);
     ( 653523.5, 4188273.5,       8.3,       8.3,       0.0);         ( 653499.5,
4188262.4,       8.3,       8.3,       0.0);
     ( 653475.5, 4188251.4,       8.1,       8.1,       0.0);         ( 653668.8,
4188335.9,       8.0,       8.0,       0.0);
     ( 653631.4, 4188428.1,       7.5,       7.5,       0.0);         ( 653607.9,
4188417.3,       7.5,       7.5,       0.0);
     ( 653584.3, 4188406.4,       7.5,       7.5,       0.0);         ( 653560.8,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (653546.2, 4188493.8, 7.0, 7.0, 0.0); (653522.0,
4188482.7, 7.1, 7.1, 0.0);
     (653497.9, 4188471.6, 7.1, 7.1, 0.0); (653473.8,
4188460.5, 7.0, 7.0, 0.0);
     (653449.6, 4188449.4, 7.0, 7.0, 0.0); (653425.5,
4188438.2, 7.0, 7.0, 0.0);
     (653401.3, 4188427.1, 7.0, 7.0, 0.0); (653377.2,
4188416.0, 7.0, 7.0, 0.0);
     (653353.0, 4188404.9, 6.9, 6.9, 0.0); (653644.0,
4188534.4, 7.4, 7.4, 0.0);
     (653606.4, 4188626.5, 7.2, 7.2, 0.0); (653582.6,
4188615.5, 7.1, 7.1, 0.0);
     (653558.8, 4188604.6, 7.0, 7.0, 0.0); (653535.1,
4188593.6, 6.9, 6.9, 0.0);
     (653511.3, 4188582.7, 6.8, 6.8, 0.0); (653487.5,
4188571.8, 6.9, 6.9, 0.0);
     (653463.7, 4188560.8, 6.8, 6.8, 0.0); (653439.9,
4188549.9, 6.8, 6.8, 0.0);
     (653416.1, 4188538.9, 6.8, 6.8, 0.0); (653392.4,
4188528.0, 6.8, 6.8, 0.0);
     (653368.6, 4188517.0, 6.8, 6.8, 0.0); (653344.8,
4188506.1, 6.9, 6.9, 0.0);
     (653321.0, 4188495.1, 6.8, 6.8, 0.0); (653297.2,
4188484.2, 6.8, 6.8, 0.0);
     (653273.5, 4188473.2, 6.9, 6.9, 0.0); (653631.6,
4188633.6, 7.4, 7.4, 0.0);
     (653593.8, 4188725.6, 7.4, 7.4, 0.0); (653569.6,

```
4188714.5,       7.3,       7.3,       0.0);
     ( 653545.3, 4188703.3,       7.2,       7.2,       0.0);         ( 653521.1,
4188692.2,       7.1,       7.1,       0.0);
     ( 653496.9, 4188681.0,       7.1,       7.1,       0.0);         ( 653472.7,
4188669.9,       7.0,       7.0,       0.0);
     ( 653448.5, 4188658.7,       7.0,       7.0,       0.0);         ( 653424.3,
4188647.6,       7.0,       7.0,       0.0);
     ( 653400.1, 4188636.4,       6.9,       6.9,       0.0);         ( 653375.9,
4188625.3,       6.9,       6.9,       0.0);
     ( 653351.6, 4188614.2,       6.9,       6.9,       0.0);         ( 653327.4,
4188603.0,       6.9,       6.9,       0.0);
     ( 653303.2, 4188591.9,       6.9,       6.9,       0.0);         ( 653279.0,
4188580.7,       6.8,       6.8,       0.0);
     ( 653254.8, 4188569.6,       6.8,       6.8,       0.0);         ( 653230.6,
4188558.4,       6.8,       6.8,       0.0);
     ( 653206.4, 4188547.3,       6.9,       6.9,       0.0);         ( 653619.1,
4188732.8,       7.5,       7.5,       0.0);
     ( 653581.5, 4188824.9,       7.6,       7.6,       0.0);         ( 653557.6,
4188813.9,       7.5,       7.5,       0.0);
     ( 653533.6, 4188802.9,       7.4,       7.4,       0.0);         ( 653509.7,
4188791.9,       7.3,       7.3,       0.0);
     ( 653485.8, 4188780.9,       7.3,       7.3,       0.0);         ( 653461.9,
4188769.8,       7.2,       7.2,       0.0);
     ( 653438.0, 4188758.8,       7.1,       7.1,       0.0);         ( 653414.0,
4188747.8,       7.1,       7.1,       0.0);
     ( 653390.1, 4188736.8,       7.0,       7.0,       0.0);         ( 653366.2,
4188725.8,       6.9,       6.9,       0.0);
     ( 653342.2, 4188714.8,       6.9,       6.9,       0.0);         ( 653318.3,
4188703.8,       6.9,       6.9,       0.0);
     ( 653294.4, 4188692.8,       6.8,       6.8,       0.0);         ( 653270.5,
4188681.7,       6.9,       6.9,       0.0);
     ( 653246.6, 4188670.7,       6.8,       6.8,       0.0);         ( 653222.6,
4188659.7,       6.9,       6.9,       0.0);
     ( 653198.7, 4188648.7,       6.8,       6.8,       0.0);         ( 653174.8,
4188637.7,       6.9,       6.9,       0.0);
     ( 653150.9, 4188626.7,       6.9,       6.9,       0.0);         ( 653606.7,
4188832.1,       7.7,       7.7,       0.0);
     ( 653550.3, 4189072.9,       7.8,       7.8,       0.0);         ( 653526.2,
4189061.8,       7.7,       7.7,       0.0);
     ( 653502.0, 4189050.7,       7.7,       7.7,       0.0);         ( 653477.9,
4189039.6,       7.6,       7.6,       0.0);
     ( 653453.7, 4189028.5,       7.5,       7.5,       0.0);         ( 653429.6,
4189017.3,       7.4,       7.4,       0.0);
     ( 653405.4, 4189006.2,       7.4,       7.4,       0.0);         ( 653381.3,
4188995.1,       7.3,       7.3,       0.0);
     ( 653357.1, 4188984.0,       7.3,       7.3,       0.0);         ( 653333.0,
4188972.9,       7.2,       7.2,       0.0);
     ( 653308.8, 4188961.8,       7.1,       7.1,       0.0);         ( 653284.7,
4188950.6,       7.1,       7.1,       0.0);
     ( 653260.5, 4188939.5,       7.0,       7.0,       0.0);         ( 653236.4,
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4188928.4,   7.0,   7.0,   0.0);
     (653212.2, 4188917.3,   6.9,   6.9,   0.0);   (653188.1,
4188906.2,   6.9,   6.9,   0.0);
     (653164.0, 4188895.1,   6.9,   6.9,   0.0);   (653139.8,
4188883.9,   6.8,   6.8,   0.0);
     (653115.7, 4188872.8,   6.9,   6.9,   0.0);   (653091.5,
4188861.7,   6.8,   6.8,   0.0);
     (653067.4, 4188850.6,   6.9,   6.9,   0.0);   (653043.2,
4188839.5,   6.9,   6.9,   0.0);
     (653019.1, 4188828.4,   6.9,   6.9,   0.0);   (652994.9,
4188817.2,   6.9,   6.9,   0.0);
     (652970.8, 4188806.1,   6.8,   6.8,   0.0);   (653575.7,
4189080.1,   7.9,   7.9,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (653519.4, 4189321.0,   7.9,   7.9,   0.0);   (653495.5,
4189310.0,   7.8,   7.8,   0.0);
     (653471.6, 4189299.0,   7.8,   7.8,   0.0);   (653447.7,
4189288.0,   7.7,   7.7,   0.0);
     (653423.8, 4189277.0,   7.6,   7.6,   0.0);   (653399.9,
4189266.0,   7.6,   7.6,   0.0);
     (653376.0, 4189255.0,   7.5,   7.5,   0.0);   (653352.1,
4189244.0,   7.4,   7.4,   0.0);
     (653328.2, 4189233.0,   7.4,   7.4,   0.0);   (653304.3,
4189222.0,   7.3,   7.3,   0.0);
     (653280.4, 4189211.0,   7.2,   7.2,   0.0);   (653256.5,
4189200.0,   7.2,   7.2,   0.0);
     (653232.6, 4189189.0,   7.1,   7.1,   0.0);   (653208.7,
4189178.0,   7.0,   7.0,   0.0);
     (653184.8, 4189167.0,   7.0,   7.0,   0.0);   (653160.9,
4189156.0,   6.9,   6.9,   0.0);
     (653137.0, 4189145.0,   6.9,   6.9,   0.0);   (653113.1,
4189134.0,   6.8,   6.8,   0.0);
     (653089.2, 4189123.0,   6.9,   6.9,   0.0);   (653065.3,
4189112.0,   6.9,   6.9,   0.0);
     (653041.4, 4189101.0,   6.8,   6.8,   0.0);   (653017.5,
4189090.0,   6.8,   6.8,   0.0);
     (652993.6, 4189079.0,   6.8,   6.8,   0.0);   (652969.7,
4189068.0,   6.8,   6.8,   0.0);
     (652945.8, 4189057.0,   6.8,   6.8,   0.0);   (652921.9,

```
4189046.0,       6.9,       6.9,       0.0);
     ( 652898.0, 4189035.0,       6.9,       6.9,       0.0);         ( 652874.1,
4189024.0,       6.8,       6.8,       0.0);
     ( 652850.2, 4189013.0,       6.8,       6.8,       0.0);         ( 652826.3,
4189002.0,       6.8,       6.8,       0.0);
     ( 652802.4, 4188991.0,       6.8,       6.8,       0.0);         ( 653544.6,
4189328.2,       8.0,       8.0,       0.0);
     ( 653488.2, 4189569.1,       8.1,       8.1,       0.0);         ( 653464.2,
4189558.0,       8.0,       8.0,       0.0);
     ( 653440.1, 4189546.9,       8.0,       8.0,       0.0);         ( 653416.1,
4189535.8,       7.9,       7.9,       0.0);
     ( 653392.0, 4189524.8,       7.8,       7.8,       0.0);         ( 653368.0,
4189513.7,       7.8,       7.8,       0.0);
     ( 653343.9, 4189502.6,       7.7,       7.7,       0.0);         ( 653319.9,
4189491.5,       7.7,       7.7,       0.0);
     ( 653295.8, 4189480.5,       7.6,       7.6,       0.0);         ( 653271.7,
4189469.4,       7.5,       7.5,       0.0);
     ( 653247.7, 4189458.3,       7.5,       7.5,       0.0);         ( 653223.6,
4189447.2,       7.4,       7.4,       0.0);
     ( 653199.6, 4189436.2,       7.4,       7.4,       0.0);         ( 653175.5,
4189425.1,       7.3,       7.3,       0.0);
     ( 653151.4, 4189414.0,       7.3,       7.3,       0.0);         ( 653127.4,
4189402.9,       7.2,       7.2,       0.0);
     ( 653103.3, 4189391.9,       7.2,       7.2,       0.0);         ( 653079.3,
4189380.8,       7.2,       7.2,       0.0);
     ( 653055.2, 4189369.7,       7.1,       7.1,       0.0);         ( 653031.2,
4189358.6,       7.1,       7.1,       0.0);
     ( 653007.1, 4189347.6,       7.1,       7.1,       0.0);         ( 652983.0,
4189336.5,       7.0,       7.0,       0.0);
     ( 652959.0, 4189325.4,       7.0,       7.0,       0.0);         ( 652934.9,
4189314.3,       7.0,       7.0,       0.0);
     ( 652910.9, 4189303.3,       6.9,       6.9,       0.0);         ( 652886.8,
4189292.2,       6.9,       6.9,       0.0);
     ( 652862.8, 4189281.1,       6.9,       6.9,       0.0);         ( 652838.7,
4189270.0,       6.8,       6.8,       0.0);
     ( 652814.6, 4189259.0,       6.8,       6.8,       0.0);         ( 652790.6,
4189247.9,       6.8,       6.8,       0.0);
     ( 652766.5, 4189236.8,       6.8,       6.8,       0.0);         ( 652742.5,
4189225.8,       6.8,       6.8,       0.0);
     ( 652718.4, 4189214.7,       6.8,       6.8,       0.0);         ( 652694.4,
4189203.6,       6.8,       6.8,       0.0);
     ( 652670.3, 4189192.5,       6.8,       6.8,       0.0);         ( 652646.2,
4189181.4,       6.8,       6.8,       0.0);
     ( 653513.5, 4189576.3,       8.1,       8.1,       0.0);         ( 653457.1,
4189817.1,       8.1,       8.1,       0.0);
     ( 653433.0, 4189806.0,       8.1,       8.1,       0.0);         ( 653408.8,
4189794.8,       8.1,       8.1,       0.0);
     ( 653384.6, 4189783.7,       8.1,       8.1,       0.0);         ( 653360.4,
4189772.6,       8.0,       8.0,       0.0);
     ( 653336.3, 4189761.5,       8.0,       8.0,       0.0);         ( 653312.1,
```

4189750.3,   7.9,   7.9,   0.0);
     (653287.9, 4189739.2,   7.9,   7.9,   0.0);   (653263.8,
4189728.1,   7.8,   7.8,   0.0);
     (653239.6, 4189716.9,   7.8,   7.8,   0.0);   (653215.4,
4189705.8,   7.8,   7.8,   0.0);
     (653191.2, 4189694.7,   7.7,   7.7,   0.0);   (653167.1,
4189683.6,   7.6,   7.6,   0.0);
     (653142.9, 4189672.4,   7.6,   7.6,   0.0);   (653118.7,
4189661.3,   7.5,   7.5,   0.0);
     (653094.5, 4189650.2,   7.4,   7.4,   0.0);   (653070.4,
4189639.0,   7.3,   7.3,   0.0);
     (653046.2, 4189627.9,   7.3,   7.3,   0.0);   (653022.0,
4189616.8,   7.2,   7.2,   0.0);
     (652997.8, 4189605.7,   7.2,   7.2,   0.0);   (652973.7,
4189594.5,   7.1,   7.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (652949.5, 4189583.4,   7.1,   7.1,   0.0);   (652925.3,
4189572.3,   7.0,   7.0,   0.0);
     (652901.1, 4189561.1,   7.0,   7.0,   0.0);   (652877.0,
4189550.0,   7.0,   7.0,   0.0);
     (652852.8, 4189538.9,   6.9,   6.9,   0.0);   (652828.6,
4189527.8,   6.8,   6.8,   0.0);
     (652804.4, 4189516.6,   6.8,   6.8,   0.0);   (652780.3,
4189505.5,   6.8,   6.8,   0.0);
     (652756.1, 4189494.4,   6.8,   6.8,   0.0);   (652731.9,
4189483.2,   6.8,   6.8,   0.0);
     (652707.7, 4189472.1,   6.8,   6.8,   0.0);   (652683.6,
4189461.0,   6.8,   6.8,   0.0);
     (652659.4, 4189449.9,   6.8,   6.8,   0.0);   (652635.2,
4189438.7,   6.8,   6.8,   0.0);
     (652611.0, 4189427.6,   6.8,   6.8,   0.0);   (652586.9,
4189416.5,   6.8,   6.8,   0.0);
     (652562.7, 4189405.4,   6.8,   6.8,   0.0);   (652538.5,
4189394.2,   6.8,   6.8,   0.0);
     (652514.4, 4189383.1,   6.8,   6.8,   0.0);   (652490.2,
4189372.0,   6.8,   6.8,   0.0);
     (652466.0, 4189360.8,   6.8,   6.8,   0.0);   (653482.5,
4189824.3,   8.1,   8.1,   0.0);
     (653395.1, 4190313.2,   8.0,   8.0,   0.0);   (653371.0,

```
4190302.1,       8.0,       8.0,       0.0);
     ( 653346.9, 4190291.1,       8.0,       8.0,       0.0);         ( 653322.7,
4190280.0,       7.9,       7.9,       0.0);
     ( 653298.6, 4190268.9,       7.9,       7.9,       0.0);         ( 653274.5,
4190257.8,       7.9,       7.9,       0.0);
     ( 653250.4, 4190246.7,       7.9,       7.9,       0.0);         ( 653226.3,
4190235.6,       8.0,       8.0,       0.0);
     ( 653202.2, 4190224.5,       8.0,       8.0,       0.0);         ( 653178.1,
4190213.4,       8.0,       8.0,       0.0);
     ( 653154.0, 4190202.3,       8.0,       8.0,       0.0);         ( 653129.9,
4190191.2,       8.0,       8.0,       0.0);
     ( 653105.8, 4190180.1,       8.0,       8.0,       0.0);         ( 653081.7,
4190169.0,       8.0,       8.0,       0.0);
     ( 653057.6, 4190157.9,       7.9,       7.9,       0.0);         ( 653033.5,
4190146.8,       7.8,       7.8,       0.0);
     ( 653009.4, 4190135.7,       7.7,       7.7,       0.0);         ( 652985.2,
4190124.6,       7.5,       7.5,       0.0);
     ( 652961.1, 4190113.5,       7.4,       7.4,       0.0);         ( 652937.0,
4190102.4,       7.3,       7.3,       0.0);
     ( 652912.9, 4190091.3,       7.2,       7.2,       0.0);         ( 652888.8,
4190080.2,       7.1,       7.1,       0.0);
     ( 652864.7, 4190069.1,       7.0,       7.0,       0.0);         ( 652840.6,
4190058.0,       7.0,       7.0,       0.0);
     ( 652816.5, 4190046.9,       6.9,       6.9,       0.0);         ( 652792.4,
4190035.8,       6.9,       6.9,       0.0);
     ( 652768.3, 4190024.7,       6.8,       6.8,       0.0);         ( 652744.2,
4190013.6,       6.8,       6.8,       0.0);
     ( 652720.1, 4190002.5,       6.8,       6.8,       0.0);         ( 652696.0,
4189991.4,       6.8,       6.8,       0.0);
     ( 652671.9, 4189980.3,       6.8,       6.8,       0.0);         ( 652647.8,
4189969.2,       6.8,       6.8,       0.0);
     ( 652623.6, 4189958.1,       6.8,       6.8,       0.0);         ( 652599.5,
4189947.0,       6.8,       6.8,       0.0);
     ( 652575.4, 4189935.9,       6.8,       6.8,       0.0);         ( 652551.3,
4189924.8,       6.8,       6.8,       0.0);
     ( 652527.2, 4189913.7,       6.8,       6.8,       0.0);         ( 652503.1,
4189902.6,       6.8,       6.8,       0.0);
     ( 652479.0, 4189891.5,       6.8,       6.8,       0.0);         ( 652454.9,
4189880.4,       6.8,       6.8,       0.0);
     ( 652430.8, 4189869.3,       6.8,       6.8,       0.0);         ( 652406.7,
4189858.2,       6.8,       6.8,       0.0);
     ( 652382.6, 4189847.1,       6.8,       6.8,       0.0);         ( 652358.5,
4189836.1,       6.8,       6.8,       0.0);
     ( 652334.4, 4189825.0,       6.8,       6.8,       0.0);         ( 652310.2,
4189813.9,       6.8,       6.8,       0.0);
     ( 652286.1, 4189802.8,       6.8,       6.8,       0.0);         ( 652262.0,
4189791.7,       6.8,       6.8,       0.0);
     ( 652237.9, 4189780.6,       6.8,       6.8,       0.0);         ( 652213.8,
4189769.5,       6.8,       6.8,       0.0);
     ( 652189.7, 4189758.4,       6.8,       6.8,       0.0);         ( 652165.6,
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4189747.3,   6.8,   6.8,   0.0);
     (652141.5, 4189736.2,   6.8,   6.8,   0.0);   (653420.4,
4190320.5,   8.1,   8.1,   0.0);
     (653332.9, 4190809.3,   8.0,   8.0,   0.0);   (653308.6,
4190798.2,   8.0,   8.0,   0.0);
     (653284.4, 4190787.0,   7.9,   7.9,   0.0);   (653260.1,
4190775.8,   7.8,   7.8,   0.0);
     (653235.9, 4190764.7,   7.7,   7.7,   0.0);   (653211.6,
4190753.5,   7.6,   7.6,   0.0);
     (653187.4, 4190742.4,   7.5,   7.5,   0.0);   (653163.1,
4190731.2,   7.4,   7.4,   0.0);
     (653138.9, 4190720.0,   7.3,   7.3,   0.0);   (653114.6,
4190708.9,   7.1,   7.1,   0.0);
     (653090.4, 4190697.7,   7.0,   7.0,   0.0);   (653066.1,
4190686.5,   6.8,   6.8,   0.0);
     (653041.9, 4190675.4,   6.8,   6.8,   0.0);   (653017.6,
4190664.2,   6.8,   6.8,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (652993.4, 4190653.1,   6.8,   6.8,   0.0);   (652969.1,
4190641.9,   6.8,   6.8,   0.0);
     (652944.9, 4190630.7,   6.8,   6.8,   0.0);   (652920.6,
4190619.6,   6.8,   6.8,   0.0);
     (652896.4, 4190608.4,   6.8,   6.8,   0.0);   (652872.1,
4190597.2,   6.8,   6.8,   0.0);
     (652847.9, 4190586.1,   6.9,   6.9,   0.0);   (652823.6,
4190574.9,   6.9,   6.9,   0.0);
     (652799.4, 4190563.8,   6.9,   6.9,   0.0);   (652775.1,
4190552.6,   6.9,   6.9,   0.0);
     (652750.9, 4190541.4,   6.8,   6.8,   0.0);   (652726.6,
4190530.3,   6.8,   6.8,   0.0);
     (652702.4, 4190519.1,   6.8,   6.8,   0.0);   (652678.1,
4190507.9,   6.8,   6.8,   0.0);
     (652653.9, 4190496.8,   6.8,   6.8,   0.0);   (652629.6,
4190485.6,   6.8,   6.8,   0.0);
     (652605.4, 4190474.4,   6.8,   6.8,   0.0);   (652581.1,
4190463.3,   6.8,   6.8,   0.0);
     (652556.9, 4190452.1,   6.8,   6.8,   0.0);   (652532.6,
4190440.9,   6.8,   6.8,   0.0);
     (652508.4, 4190429.8,   6.8,   6.8,   0.0);   (652484.1,

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4190418.6,       6.8,       6.8,       0.0);
     ( 652459.9, 4190407.5,       6.8,       6.8,       0.0);         ( 652435.6,
4190396.3,       6.8,       6.8,       0.0);
     ( 652411.4, 4190385.1,       6.8,       6.8,       0.0);         ( 652387.1,
4190374.0,       6.8,       6.8,       0.0);
     ( 652362.9, 4190362.8,       6.8,       6.8,       0.0);         ( 652338.6,
4190351.6,       6.8,       6.8,       0.0);
     ( 652314.4, 4190340.5,       6.8,       6.8,       0.0);         ( 652290.1,
4190329.3,       6.8,       6.8,       0.0);
     ( 652265.9, 4190318.1,       6.8,       6.8,       0.0);         ( 652241.6,
4190307.0,       6.8,       6.8,       0.0);
     ( 652217.4, 4190295.8,       6.8,       6.8,       0.0);         ( 652193.1,
4190284.7,       6.8,       6.8,       0.0);
     ( 652168.9, 4190273.5,       6.8,       6.8,       0.0);         ( 652144.6,
4190262.3,       6.8,       6.8,       0.0);
     ( 652120.4, 4190251.2,       6.8,       6.8,       0.0);         ( 652096.1,
4190240.0,       6.8,       6.8,       0.0);
     ( 652071.9, 4190228.8,       6.8,       6.8,       0.0);         ( 652047.6,
4190217.7,       6.8,       6.8,       0.0);
     ( 652023.4, 4190206.5,       6.8,       6.8,       0.0);         ( 651999.1,
4190195.4,       6.8,       6.8,       0.0);
     ( 651974.9, 4190184.2,       6.8,       6.8,       0.0);         ( 651950.6,
4190173.0,       6.8,       6.8,       0.0);
     ( 651926.4, 4190161.9,       6.8,       6.8,       0.0);         ( 651902.1,
4190150.7,       6.8,       6.8,       0.0);
     ( 651877.9, 4190139.5,       6.8,       6.8,       0.0);         ( 651853.6,
4190128.4,       6.8,       6.8,       0.0);
     ( 651829.4, 4190117.2,       6.8,       6.8,       0.0);         ( 651805.1,
4190106.0,       6.8,       6.8,       0.0);
     ( 653358.3, 4190816.6,       8.1,       8.1,       0.0);         ( 653270.8,
4191305.5,       7.9,       7.9,       0.0);
     ( 653246.6, 4191294.3,       7.9,       7.9,       0.0);         ( 653222.4,
4191283.2,       7.8,       7.8,       0.0);
     ( 653198.2, 4191272.1,       7.8,       7.8,       0.0);         ( 653174.0,
4191260.9,       7.8,       7.8,       0.0);
     ( 653149.8, 4191249.8,       7.7,       7.7,       0.0);         ( 653125.7,
4191238.7,       7.7,       7.7,       0.0);
     ( 653101.5, 4191227.5,       7.6,       7.6,       0.0);         ( 653077.3,
4191216.4,       7.5,       7.5,       0.0);
     ( 653053.1, 4191205.3,       7.5,       7.5,       0.0);         ( 653028.9,
4191194.1,       7.4,       7.4,       0.0);
     ( 653004.7, 4191183.0,       7.4,       7.4,       0.0);         ( 652980.5,
4191171.8,       7.3,       7.3,       0.0);
     ( 652956.3, 4191160.7,       7.3,       7.3,       0.0);         ( 652932.1,
4191149.6,       7.2,       7.2,       0.0);
     ( 652907.9, 4191138.4,       7.1,       7.1,       0.0);         ( 652883.7,
4191127.3,       7.1,       7.1,       0.0);
     ( 652859.6, 4191116.2,       7.1,       7.1,       0.0);         ( 652835.4,
4191105.0,       7.0,       7.0,       0.0);
     ( 652811.2, 4191093.9,       7.0,       7.0,       0.0);         ( 652787.0,
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4191082.8,   6.9,   6.9,   0.0);
     (652762.8, 4191071.6,   6.9,   6.9,   0.0);   (652738.6,
4191060.5,   6.8,   6.8,   0.0);
     (652714.4, 4191049.3,   6.8,   6.8,   0.0);   (652690.2,
4191038.2,   6.8,   6.8,   0.0);
     (652666.0, 4191027.1,   6.8,   6.8,   0.0);   (652641.8,
4191015.9,   6.8,   6.8,   0.0);
     (652617.6, 4191004.8,   6.8,   6.8,   0.0);   (652593.4,
4190993.7,   6.8,   6.8,   0.0);
     (652569.2, 4190982.5,   6.8,   6.8,   0.0);   (652545.1,
4190971.4,   6.8,   6.8,   0.0);
     (652520.9, 4190960.3,   6.8,   6.8,   0.0);   (652496.7,
4190949.1,   6.8,   6.8,   0.0);
     (652472.5, 4190938.0,   6.8,   6.8,   0.0);   (652448.3,
4190926.8,   6.8,   6.8,   0.0);
     (652424.1, 4190915.7,   6.8,   6.8,   0.0);   (652399.9,
4190904.6,   6.8,   6.8,   0.0);
     (652375.7, 4190893.4,   6.8,   6.8,   0.0);   (652351.5,
4190882.3,   6.8,   6.8,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (652327.3, 4190871.2,   6.8,   6.8,   0.0);   (652303.2,
4190860.0,   6.8,   6.8,   0.0);
     (652279.0, 4190848.9,   6.8,   6.8,   0.0);   (652254.8,
4190837.8,   6.8,   6.8,   0.0);
     (652230.6, 4190826.6,   6.8,   6.8,   0.0);   (652206.4,
4190815.5,   6.8,   6.8,   0.0);
     (652182.2, 4190804.3,   6.8,   6.8,   0.0);   (652158.0,
4190793.2,   6.8,   6.8,   0.0);
     (652133.8, 4190782.1,   6.8,   6.8,   0.0);   (652109.6,
4190770.9,   6.8,   6.8,   0.0);
     (652085.4, 4190759.8,   6.8,   6.8,   0.0);   (652061.2,
4190748.7,   6.8,   6.8,   0.0);
     (652037.0, 4190737.5,   6.8,   6.8,   0.0);   (652012.9,
4190726.4,   6.8,   6.8,   0.0);
     (651988.7, 4190715.3,   6.8,   6.8,   0.0);   (651964.5,
4190704.1,   6.8,   6.8,   0.0);
     (651940.3, 4190693.0,   6.8,   6.8,   0.0);   (651916.1,
4190681.8,   6.8,   6.8,   0.0);
     (651891.9, 4190670.7,   6.8,   6.8,   0.0);   (651867.7,

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4190659.6,       6.8,       6.8,       0.0);
     ( 651843.5, 4190648.4,       6.8,       6.8,       0.0);         ( 651819.3,
4190637.3,       6.8,       6.8,       0.0);
     ( 651795.1, 4190626.2,       6.8,       6.8,       0.0);         ( 651770.9,
4190615.0,       6.8,       6.8,       0.0);
     ( 651746.8, 4190603.9,       6.8,       6.8,       0.0);         ( 651722.6,
4190592.8,       6.6,       6.6,       0.0);
     ( 651698.4, 4190581.6,       6.5,       6.5,       0.0);         ( 651674.2,
4190570.5,       6.4,       6.4,       0.0);
     ( 651650.0, 4190559.3,       6.3,       6.3,       0.0);         ( 651625.8,
4190548.2,       6.2,       6.2,       0.0);
     ( 651601.6, 4190537.1,       6.0,       6.0,       0.0);         ( 651577.4,
4190525.9,       5.9,       5.9,       0.0);
     ( 651553.2, 4190514.8,       5.7,       5.7,       0.0);         ( 651529.0,
4190503.7,       5.6,       5.6,       0.0);
     ( 651504.8, 4190492.5,       5.5,       5.5,       0.0);         ( 651480.7,
4190481.4,       5.3,       5.3,       0.0);
     ( 651456.5, 4190470.3,       5.3,       5.3,       0.0);         ( 653296.2,
4191312.7,       8.0,       8.0,       0.0);
     ( 653208.7, 4191801.6,       7.1,       7.1,       0.0);         ( 653184.6,
4191790.5,       7.1,       7.1,       0.0);
     ( 653160.4, 4191779.4,       7.1,       7.1,       0.0);         ( 653136.3,
4191768.3,       7.1,       7.1,       0.0);
     ( 653112.1, 4191757.2,       7.1,       7.1,       0.0);         ( 653088.0,
4191746.0,       7.1,       7.1,       0.0);
     ( 653063.8, 4191734.9,       7.1,       7.1,       0.0);         ( 653039.7,
4191723.8,       7.2,       7.2,       0.0);
     ( 653015.5, 4191712.7,       7.2,       7.2,       0.0);         ( 652991.4,
4191701.6,       7.2,       7.2,       0.0);
     ( 652967.2, 4191690.5,       7.2,       7.2,       0.0);         ( 652943.1,
4191679.3,       7.2,       7.2,       0.0);
     ( 652918.9, 4191668.2,       7.2,       7.2,       0.0);         ( 652894.8,
4191657.1,       7.2,       7.2,       0.0);
     ( 652870.6, 4191646.0,       7.2,       7.2,       0.0);         ( 652846.5,
4191634.9,       7.1,       7.1,       0.0);
     ( 652822.4, 4191623.8,       7.1,       7.1,       0.0);         ( 652798.2,
4191612.6,       7.1,       7.1,       0.0);
     ( 652774.1, 4191601.5,       7.0,       7.0,       0.0);         ( 652749.9,
4191590.4,       7.0,       7.0,       0.0);
     ( 652725.8, 4191579.3,       6.9,       6.9,       0.0);         ( 652701.6,
4191568.2,       6.9,       6.9,       0.0);
     ( 652677.5, 4191557.1,       6.8,       6.8,       0.0);         ( 652653.3,
4191545.9,       6.8,       6.8,       0.0);
     ( 652629.2, 4191534.8,       6.8,       6.8,       0.0);         ( 652605.0,
4191523.7,       6.8,       6.8,       0.0);
     ( 652580.9, 4191512.6,       6.8,       6.8,       0.0);         ( 652556.7,
4191501.5,       6.8,       6.8,       0.0);
     ( 652532.6, 4191490.4,       6.8,       6.8,       0.0);         ( 652508.4,
4191479.2,       6.8,       6.8,       0.0);
     ( 652484.3, 4191468.1,       6.8,       6.8,       0.0);         ( 652460.1,
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4191457.0,   6.8,   6.8,   0.0);
     (652436.0, 4191445.9,   6.8,   6.8,   0.0);   (652411.8,
4191434.8,   6.8,   6.8,   0.0);
     (652387.7, 4191423.7,   6.8,   6.8,   0.0);   (652363.5,
4191412.5,   6.8,   6.8,   0.0);
     (652339.4, 4191401.4,   6.8,   6.8,   0.0);   (652315.2,
4191390.3,   6.8,   6.8,   0.0);
     (652291.1, 4191379.2,   6.8,   6.8,   0.0);   (652266.9,
4191368.1,   6.8,   6.8,   0.0);
     (652242.8, 4191357.0,   6.8,   6.8,   0.0);   (652218.7,
4191345.8,   6.8,   6.8,   0.0);
     (652194.5, 4191334.7,   6.8,   6.8,   0.0);   (652170.4,
4191323.6,   6.8,   6.8,   0.0);
     (652146.2, 4191312.5,   6.8,   6.8,   0.0);   (652122.1,
4191301.4,   6.8,   6.8,   0.0);
     (652097.9, 4191290.3,   6.8,   6.8,   0.0);   (652073.8,
4191279.1,   6.8,   6.8,   0.0);
     (652049.6, 4191268.0,   6.8,   6.8,   0.0);   (652025.5,
4191256.9,   6.8,   6.8,   0.0);
     (652001.3, 4191245.8,   6.8,   6.8,   0.0);   (651977.2,
4191234.7,   6.8,   6.8,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (651953.0, 4191223.6,   6.8,   6.8,   0.0);   (651928.9,
4191212.4,   6.8,   6.8,   0.0);
     (651904.7, 4191201.3,   6.8,   6.8,   0.0);   (651880.6,
4191190.2,   6.8,   6.8,   0.0);
     (651856.4, 4191179.1,   6.8,   6.8,   0.0);   (651832.3,
4191168.0,   6.8,   6.8,   0.0);
     (651808.1, 4191156.9,   6.8,   6.8,   0.0);   (651784.0,
4191145.8,   6.8,   6.8,   0.0);
     (651759.8, 4191134.6,   6.8,   6.8,   0.0);   (651735.7,
4191123.5,   6.8,   6.8,   0.0);
     (651711.5, 4191112.4,   6.6,   6.6,   0.0);   (651687.4,
4191101.3,   6.5,   6.5,   0.0);
     (651663.2, 4191090.2,   6.5,   6.5,   0.0);   (651639.1,
4191079.1,   6.3,   6.3,   0.0);
     (651615.0, 4191067.9,   6.2,   6.2,   0.0);   (651590.8,
4191056.8,   6.0,   6.0,   0.0);
     (651566.7, 4191045.7,   5.8,   5.8,   0.0);   (651542.5,

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4191034.6,       5.6,       5.6,       0.0);
     ( 651518.4, 4191023.5,       5.6,       5.6,       0.0);         ( 651494.2,
4191012.4,       5.6,       5.6,       0.0);
     ( 651470.1, 4191001.2,       5.7,       5.7,       0.0);         ( 651445.9,
4190990.1,       5.6,       5.6,       0.0);
     ( 651421.8, 4190979.0,       5.6,       5.6,       0.0);         ( 651397.6,
4190967.9,       5.5,       5.5,       0.0);
     ( 651373.5, 4190956.8,       5.5,       5.5,       0.0);         ( 651349.3,
4190945.7,       5.4,       5.4,       0.0);
     ( 651325.2, 4190934.5,       5.4,       5.4,       0.0);         ( 651301.0,
4190923.4,       5.3,       5.3,       0.0);
     ( 651276.9, 4190912.3,       5.3,       5.3,       0.0);         ( 651252.7,
4190901.2,       5.3,       5.3,       0.0);
     ( 651228.6, 4190890.1,       5.3,       5.3,       0.0);         ( 651204.4,
4190879.0,       5.3,       5.3,       0.0);
     ( 651180.3, 4190867.8,       5.3,       5.3,       0.0);         ( 651156.1,
4190856.7,       5.2,       5.2,       0.0);
     ( 651132.0, 4190845.6,       5.3,       5.3,       0.0);         ( 653234.1,
4191808.8,       7.1,       7.1,       0.0);
     ( 653712.3, 4188013.7,       8.3,       8.3,       0.0);         ( 653736.8,
4188013.7,       8.3,       8.3,       0.0);
     ( 653761.4, 4188013.7,       8.3,       8.3,       0.0);         ( 653785.9,
4188013.7,       8.4,       8.4,       0.0);
     ( 653810.5, 4188013.7,       8.4,       8.4,       0.0);         ( 653736.8,
4188038.7,       8.3,       8.3,       0.0);
     ( 653761.4, 4188038.7,       8.3,       8.3,       0.0);         ( 653785.9,
4188038.7,       8.4,       8.4,       0.0);
     ( 653810.5, 4188038.7,       8.4,       8.4,       0.0);         ( 653736.8,
4188063.7,       8.3,       8.3,       0.0);
     ( 653761.4, 4188063.7,       8.3,       8.3,       0.0);         ( 653785.9,
4188063.7,       8.4,       8.4,       0.0);
     ( 653810.5, 4188063.7,       8.4,       8.4,       0.0);         ( 653736.8,
4188088.7,       8.3,       8.3,       0.0);
     ( 653761.4, 4188088.7,       8.4,       8.4,       0.0);         ( 653785.9,
4188088.7,       8.4,       8.4,       0.0);
     ( 653810.5, 4188088.7,       8.4,       8.4,       0.0);         ( 653736.8,
4188138.7,       8.4,       8.4,       0.0);
     ( 653761.4, 4188138.7,       8.4,       8.4,       0.0);         ( 653785.9,
4188138.7,       8.4,       8.4,       0.0);
     ( 653810.5, 4188138.7,       8.4,       8.4,       0.0);         ( 653712.3,
4188188.7,       8.4,       8.4,       0.0);
     ( 653736.8, 4188188.7,       8.4,       8.4,       0.0);         ( 653761.4,
4188188.7,       8.4,       8.4,       0.0);
     ( 653785.9, 4188188.7,       8.4,       8.4,       0.0);         ( 653810.5,
4188188.7,       8.4,       8.4,       0.0);
     ( 653712.3, 4188238.7,       8.4,       8.4,       0.0);         ( 653736.8,
4188238.7,       8.4,       8.4,       0.0);
     ( 653761.4, 4188238.7,       8.3,       8.3,       0.0);         ( 653785.9,
4188238.7,       8.3,       8.3,       0.0);
     ( 653810.5, 4188238.7,       8.3,       8.3,       0.0);         ( 653712.3,
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4188288.7, 8.2, 8.2, 0.0);
     (653736.8, 4188288.7, 8.2, 8.2, 0.0); (653761.4,
4188288.7, 8.2, 8.2, 0.0);
     (653785.9, 4188288.7, 8.2, 8.2, 0.0); (653810.5,
4188288.7, 8.2, 8.2, 0.0);
     (653712.3, 4188338.7, 8.0, 8.0, 0.0); (653736.8,
4188338.7, 8.0, 8.0, 0.0);
     (653761.4, 4188338.7, 8.0, 8.0, 0.0); (653785.9,
4188338.7, 8.1, 8.1, 0.0);
     (653810.5, 4188338.7, 8.1, 8.1, 0.0); (653693.7,
4188437.5, 7.7, 7.7, 0.0);
     (653736.8, 4188438.7, 7.8, 7.8, 0.0); (653761.4,
4188438.7, 7.9, 7.9, 0.0);
     (653785.9, 4188438.7, 7.9, 7.9, 0.0); (653810.5,
4188438.7, 8.0, 8.0, 0.0);
     (653689.5, 4188537.2, 7.5, 7.5, 0.0); (653666.7,
4188535.8, 7.5, 7.5, 0.0);
     (653712.3, 4188538.7, 7.6, 7.6, 0.0); (653736.8,
4188538.7, 7.7, 7.7, 0.0);
     (653761.4, 4188538.7, 7.8, 7.8, 0.0); (653785.9,
4188538.7, 7.8, 7.8, 0.0);
     (653810.5, 4188538.7, 7.8, 7.8, 0.0); (653692.1,
4188637.4, 7.6, 7.6, 0.0);

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (653736.8, 4188638.7, 7.7, 7.7, 0.0); (653761.4,
4188638.7, 7.8, 7.8, 0.0);
     (653785.9, 4188638.7, 7.8, 7.8, 0.0); (653810.5,
4188638.7, 7.9, 7.9, 0.0);
     (653689.0, 4188737.2, 7.8, 7.8, 0.0); (653665.7,
4188735.8, 7.7, 7.7, 0.0);
     (653642.4, 4188734.3, 7.6, 7.6, 0.0); (653712.3,
4188738.7, 7.8, 7.8, 0.0);
     (653736.8, 4188738.7, 7.9, 7.9, 0.0); (653761.4,
4188738.7, 8.0, 8.0, 0.0);
     (653785.9, 4188738.7, 8.0, 8.0, 0.0); (653810.5,
4188738.7, 8.0, 8.0, 0.0);
     (653691.2, 4188837.3, 7.9, 7.9, 0.0); (653648.9,
4188834.7, 7.8, 7.8, 0.0);
     (653736.8, 4188838.7, 8.0, 8.0, 0.0); (653761.4,

```
4188838.7,       8.1,       8.1,       0.0);
     ( 653785.9, 4188838.7,       8.2,       8.2,       0.0);         ( 653810.5,
4188838.7,       8.2,       8.2,       0.0);
     ( 653689.5, 4189087.2,       8.1,       8.1,       0.0);         ( 653666.7,
4189085.8,       8.1,       8.1,       0.0);
     ( 653644.0, 4189084.4,       8.0,       8.0,       0.0);         ( 653621.2,
4189083.0,       8.0,       8.0,       0.0);
     ( 653598.4, 4189081.6,       7.9,       7.9,       0.0);         ( 653712.3,
4189088.7,       8.2,       8.2,       0.0);
     ( 653736.8, 4189088.7,       8.2,       8.2,       0.0);         ( 653761.4,
4189088.7,       8.3,       8.3,       0.0);
     ( 653785.9, 4189088.7,       8.3,       8.3,       0.0);         ( 653810.5,
4189088.7,       8.3,       8.3,       0.0);
     ( 653688.3, 4189337.2,       8.2,       8.2,       0.0);         ( 653664.4,
4189335.7,       8.2,       8.2,       0.0);
     ( 653640.4, 4189334.2,       8.1,       8.1,       0.0);         ( 653616.5,
4189332.7,       8.1,       8.1,       0.0);
     ( 653592.5, 4189331.2,       8.1,       8.1,       0.0);         ( 653568.6,
4189329.7,       8.0,       8.0,       0.0);
     ( 653712.3, 4189338.7,       8.3,       8.3,       0.0);         ( 653736.8,
4189338.7,       8.3,       8.3,       0.0);
     ( 653761.4, 4189338.7,       8.4,       8.4,       0.0);         ( 653785.9,
4189338.7,       8.4,       8.4,       0.0);
     ( 653810.5, 4189338.7,       8.4,       8.4,       0.0);         ( 653690.2,
4189587.3,       8.2,       8.2,       0.0);
     ( 653646.0, 4189584.5,       8.1,       8.1,       0.0);         ( 653601.9,
4189581.8,       8.1,       8.1,       0.0);
     ( 653557.7, 4189579.0,       8.1,       8.1,       0.0);         ( 653736.8,
4189588.7,       8.3,       8.3,       0.0);
     ( 653761.4, 4189588.7,       8.3,       8.3,       0.0);         ( 653785.9,
4189588.7,       8.3,       8.3,       0.0);
     ( 653810.5, 4189588.7,       8.4,       8.4,       0.0);         ( 653689.3,
4189837.2,       8.2,       8.2,       0.0);
     ( 653666.3, 4189835.8,       8.2,       8.2,       0.0);         ( 653643.4,
4189834.4,       8.1,       8.1,       0.0);
     ( 653620.4, 4189832.9,       8.2,       8.2,       0.0);         ( 653597.4,
4189831.5,       8.2,       8.2,       0.0);
     ( 653574.4, 4189830.1,       8.2,       8.2,       0.0);         ( 653551.4,
4189828.6,       8.1,       8.1,       0.0);
     ( 653528.5, 4189827.2,       8.1,       8.1,       0.0);         ( 653505.5,
4189825.8,       8.1,       8.1,       0.0);
     ( 653712.3, 4189838.7,       8.2,       8.2,       0.0);         ( 653736.8,
4189838.7,       8.2,       8.2,       0.0);
     ( 653761.4, 4189838.7,       8.2,       8.2,       0.0);         ( 653785.9,
4189838.7,       8.2,       8.2,       0.0);
     ( 653810.5, 4189838.7,       8.2,       8.2,       0.0);         ( 653688.0,
4190337.1,       8.3,       8.3,       0.0);
     ( 653663.6, 4190335.6,       8.3,       8.3,       0.0);         ( 653639.3,
4190334.1,       8.3,       8.3,       0.0);
     ( 653615.0, 4190332.6,       8.3,       8.3,       0.0);         ( 653590.7,
```

4190331.1, 8.3, 8.3, 0.0);
     (653566.3, 4190329.6, 8.3, 8.3, 0.0); (653542.0,
4190328.0, 8.3, 8.3, 0.0);
     (653517.7, 4190326.5, 8.3, 8.3, 0.0); (653493.4,
4190325.0, 8.2, 8.2, 0.0);
     (653469.0, 4190323.5, 8.2, 8.2, 0.0); (653444.7,
4190322.0, 8.2, 8.2, 0.0);
     (653712.3, 4190338.7, 8.3, 8.3, 0.0); (653736.8,
4190338.7, 8.3, 8.3, 0.0);
     (653761.4, 4190338.7, 8.3, 8.3, 0.0); (653785.9,
4190338.7, 8.3, 8.3, 0.0);
     (653810.5, 4190338.7, 8.3, 8.3, 0.0); (653688.7,
4190837.2, 8.4, 8.4, 0.0);
     (653665.1, 4190835.7, 8.4, 8.4, 0.0); (653641.5,
4190834.2, 8.4, 8.4, 0.0);
     (653617.9, 4190832.8, 8.4, 8.4, 0.0); (653594.3,
4190831.3, 8.3, 8.3, 0.0);
     (653570.7, 4190829.8, 8.3, 8.3, 0.0); (653547.1,
4190828.4, 8.3, 8.3, 0.0);
     (653523.5, 4190826.9, 8.3, 8.3, 0.0); (653499.9,
4190825.4, 8.3, 8.3, 0.0);
     (653476.3, 4190823.9, 8.3, 8.3, 0.0); (653452.7,
4190822.5, 8.2, 8.2, 0.0);
     (653429.1, 4190821.0, 8.2, 8.2, 0.0); (653405.5,
4190819.5, 8.1, 8.1, 0.0);

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

     (653381.9, 4190818.1, 8.1, 8.1, 0.0); (653712.3,
4190838.7, 8.4, 8.4, 0.0);
     (653736.8, 4190838.7, 8.4, 8.4, 0.0); (653761.4,
4190838.7, 8.5, 8.5, 0.0);
     (653785.9, 4190838.7, 8.5, 8.5, 0.0); (653810.5,
4190838.7, 8.5, 8.5, 0.0);
     (653687.8, 4191337.1, 8.4, 8.4, 0.0); (653663.3,
4191335.6, 8.4, 8.4, 0.0);
     (653638.9, 4191334.1, 8.3, 8.3, 0.0); (653614.4,
4191332.5, 8.3, 8.3, 0.0);
     (653589.9, 4191331.0, 8.3, 8.3, 0.0); (653565.4,
4191329.5, 8.3, 8.3, 0.0);
     (653540.9, 4191328.0, 8.2, 8.2, 0.0); (653516.5,

```
4191326.4,       8.2,       8.2,       0.0);
     ( 653492.0, 4191324.9,       8.2,       8.2,       0.0);         ( 653467.5,
4191323.4,       8.2,       8.2,       0.0);
     ( 653443.0, 4191321.9,       8.1,       8.1,       0.0);         ( 653418.6,
4191320.3,       8.1,       8.1,       0.0);
     ( 653394.1, 4191318.8,       8.1,       8.1,       0.0);         ( 653369.6,
4191317.3,       8.1,       8.1,       0.0);
     ( 653345.1, 4191315.8,       8.0,       8.0,       0.0);         ( 653320.6,
4191314.2,       8.0,       8.0,       0.0);
     ( 653712.3, 4191338.7,       8.4,       8.4,       0.0);         ( 653736.8,
4191338.7,       8.4,       8.4,       0.0);
     ( 653761.4, 4191338.7,       8.4,       8.4,       0.0);         ( 653785.9,
4191338.7,       8.5,       8.5,       0.0);
     ( 653810.5, 4191338.7,       8.5,       8.5,       0.0);         ( 653688.4,
4191837.2,       8.0,       8.0,       0.0);
     ( 653664.5, 4191835.7,       8.0,       8.0,       0.0);         ( 653640.6,
4191834.2,       8.0,       8.0,       0.0);
     ( 653616.6, 4191832.7,       7.9,       7.9,       0.0);         ( 653592.7,
4191831.2,       7.9,       7.9,       0.0);
     ( 653568.8, 4191829.7,       7.9,       7.9,       0.0);         ( 653544.9,
4191828.2,       7.8,       7.8,       0.0);
     ( 653521.0, 4191826.7,       7.8,       7.8,       0.0);         ( 653497.1,
4191825.2,       7.8,       7.8,       0.0);
     ( 653473.2, 4191823.8,       7.7,       7.7,       0.0);         ( 653449.3,
4191822.3,       7.7,       7.7,       0.0);
     ( 653425.3, 4191820.8,       7.6,       7.6,       0.0);         ( 653401.4,
4191819.3,       7.6,       7.6,       0.0);
     ( 653377.5, 4191817.8,       7.5,       7.5,       0.0);         ( 653353.6,
4191816.3,       7.5,       7.5,       0.0);
     ( 653329.7, 4191814.8,       7.4,       7.4,       0.0);         ( 653305.8,
4191813.3,       7.3,       7.3,       0.0);
     ( 653281.9, 4191811.8,       7.3,       7.3,       0.0);         ( 653258.0,
4191810.3,       7.2,       7.2,       0.0);
     ( 653712.3, 4191838.7,       8.0,       8.0,       0.0);         ( 653736.8,
4191838.7,       8.0,       8.0,       0.0);
     ( 653761.4, 4191838.7,       8.1,       8.1,       0.0);         ( 653785.9,
4191838.7,       8.1,       8.1,       0.0);
     ( 653810.5, 4191838.7,       8.1,       8.1,       0.0);         ( 653835.4,
4187990.4,       8.4,       8.4,       0.0);
     ( 653838.6, 4187946.0,       8.4,       8.4,       0.0);         ( 653841.7,
4187901.6,       8.4,       8.4,       0.0);
     ( 653852.5, 4188008.7,       8.5,       8.5,       0.0);         ( 653861.9,
4187970.0,       8.5,       8.5,       0.0);
     ( 653865.1, 4187925.6,       8.4,       8.4,       0.0);         ( 653868.2,
4187881.1,       8.4,       8.4,       0.0);
     ( 653877.4, 4188010.5,       8.5,       8.5,       0.0);         ( 653844.6,
4188050.2,       8.5,       8.5,       0.0);
     ( 653886.9, 4187971.8,       8.5,       8.5,       0.0);         ( 653890.0,
4187927.3,       8.5,       8.5,       0.0);
     ( 653893.2, 4187882.9,       8.4,       8.4,       0.0);         ( 653902.3,
```

4188012.2,   8.5,   8.5,   0.0);
     (653886.6, 4188045.3,   8.5,   8.5,   0.0);   (653861.6,
4188068.5,   8.5,   8.5,   0.0);
     (653911.8, 4187973.5,   8.5,   8.5,   0.0);   (653915.0,
4187929.1,   8.5,   8.5,   0.0);
     (653918.1, 4187884.7,   8.5,   8.5,   0.0);   (653950.6,
4188019.1,   8.5,   8.5,   0.0);
     (653931.7, 4188058.8,   8.5,   8.5,   0.0);   (653892.3,
4188106.5,   8.5,   8.5,   0.0);
     (653851.4, 4188122.6,   8.4,   8.4,   0.0);   (653961.7,
4187977.0,   8.5,   8.5,   0.0);
     (653964.8, 4187932.6,   8.5,   8.5,   0.0);   (653968.0,
4187888.2,   8.5,   8.5,   0.0);
     (654001.0, 4188021.7,   8.5,   8.5,   0.0);   (653982.9,
4188059.4,   8.5,   8.5,   0.0);
     (653964.9, 4188097.2,   8.5,   8.5,   0.0);   (653927.4,
4188142.7,   8.4,   8.4,   0.0);
     (653888.4, 4188158.0,   8.4,   8.4,   0.0);   (653849.4,
4188173.3,   8.4,   8.4,   0.0);
     (654011.6, 4187980.6,   8.5,   8.5,   0.0);   (654014.7,
4187936.2,   8.5,   8.5,   0.0);
     (654017.9, 4187891.8,   8.5,   8.5,   0.0);   (654051.1,
4188024.7,   8.5,   8.5,   0.0);
     (654033.5, 4188061.4,   8.5,   8.5,   0.0);   (654016.0,
4188098.1,   8.5,   8.5,   0.0);
     (653998.5, 4188134.9,   8.4,   8.4,   0.0);   (653962.0,
4188179.0,   8.4,   8.4,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (653924.1, 4188193.9,   8.4,   8.4,   0.0);   (653886.2,
4188208.8,   8.4,   8.4,   0.0);
     (653848.4, 4188223.8,   8.4,   8.4,   0.0);   (654061.4,
4187984.1,   8.5,   8.5,   0.0);
     (654064.6, 4187939.7,   8.5,   8.5,   0.0);   (654067.7,
4187895.3,   8.6,   8.6,   0.0);
     (654100.3, 4188029.7,   8.5,   8.5,   0.0);   (654081.3,
4188069.4,   8.5,   8.5,   0.0);
     (654062.4, 4188109.0,   8.5,   8.5,   0.0);   (654043.4,
4188148.7,   8.4,   8.4,   0.0);
     (654024.5, 4188188.3,   8.4,   8.4,   0.0);   (653994.5,

```
4188216.2,       8.4,       8.4,       0.0);
     ( 653953.6, 4188232.3,       8.4,       8.4,       0.0);         ( 653912.7,
4188248.4,       8.4,       8.4,       0.0);
     ( 653871.8, 4188264.5,       8.3,       8.3,       0.0);         ( 654111.3,
4187987.7,       8.5,       8.5,       0.0);
     ( 654114.5, 4187943.2,       8.6,       8.6,       0.0);         ( 654117.6,
4187898.8,       8.6,       8.6,       0.0);
     ( 654150.4, 4188032.7,       8.5,       8.5,       0.0);         ( 654132.0,
4188071.2,       8.5,       8.5,       0.0);
     ( 654113.6, 4188109.8,       8.5,       8.5,       0.0);         ( 654095.1,
4188148.3,       8.5,       8.5,       0.0);
     ( 654076.7, 4188186.9,       8.4,       8.4,       0.0);         ( 654058.3,
4188225.5,       8.4,       8.4,       0.0);
     ( 654029.2, 4188252.6,       8.4,       8.4,       0.0);         ( 653989.4,
4188268.2,       8.4,       8.4,       0.0);
     ( 653949.7, 4188283.9,       8.3,       8.3,       0.0);         ( 653909.9,
4188299.5,       8.3,       8.3,       0.0);
     ( 653870.1, 4188315.2,       8.2,       8.2,       0.0);         ( 654161.2,
4187991.2,       8.5,       8.5,       0.0);
     ( 654164.3, 4187946.8,       8.6,       8.6,       0.0);         ( 654167.5,
4187902.3,       8.6,       8.6,       0.0);
     ( 654249.9, 4188040.3,       8.5,       8.5,       0.0);         ( 654230.9,
4188080.0,       8.5,       8.5,       0.0);
     ( 654212.0, 4188119.6,       8.5,       8.5,       0.0);         ( 654193.0,
4188159.3,       8.5,       8.5,       0.0);
     ( 654174.1, 4188198.9,       8.5,       8.5,       0.0);         ( 654155.1,
4188238.6,       8.4,       8.4,       0.0);
     ( 654136.2, 4188278.2,       8.4,       8.4,       0.0);         ( 654096.8,
4188326.0,       8.4,       8.4,       0.0);
     ( 654055.9, 4188342.1,       8.3,       8.3,       0.0);         ( 654015.0,
4188358.2,       8.3,       8.3,       0.0);
     ( 653974.1, 4188374.3,       8.2,       8.2,       0.0);         ( 653933.2,
4188390.4,       8.2,       8.2,       0.0);
     ( 653892.3, 4188406.5,       8.1,       8.1,       0.0);         ( 653851.4,
4188422.6,       8.0,       8.0,       0.0);
     ( 654260.9, 4187998.3,       8.5,       8.5,       0.0);         ( 654264.1,
4187953.8,       8.5,       8.5,       0.0);
     ( 654267.2, 4187909.4,       8.6,       8.6,       0.0);         ( 654350.0,
4188046.7,       8.4,       8.4,       0.0);
     ( 654331.7, 4188084.9,       8.5,       8.5,       0.0);         ( 654313.4,
4188123.2,       8.5,       8.5,       0.0);
     ( 654295.1, 4188161.5,       8.4,       8.4,       0.0);         ( 654276.8,
4188199.7,       8.4,       8.4,       0.0);
     ( 654258.5, 4188238.0,       8.4,       8.4,       0.0);         ( 654240.3,
4188276.3,       8.4,       8.4,       0.0);
     ( 654222.0, 4188314.5,       8.4,       8.4,       0.0);         ( 654203.7,
4188352.8,       8.4,       8.4,       0.0);
     ( 654165.7, 4188398.8,       8.3,       8.3,       0.0);         ( 654126.2,
4188414.4,       8.2,       8.2,       0.0);
     ( 654086.7, 4188429.9,       8.2,       8.2,       0.0);         ( 654047.3,
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4188445.4,   8.2,   8.2,   0.0);
     (654007.8, 4188461.0,   8.1,   8.1,   0.0);   (653968.4,
4188476.5,   8.1,   8.1,   0.0);
     (653928.9, 4188492.1,   8.0,   8.0,   0.0);   (653889.4,
4188507.6,   8.0,   8.0,   0.0);
     (653850.0, 4188523.1,   7.9,   7.9,   0.0);   (654360.7,
4188005.3,   8.5,   8.5,   0.0);
     (654363.8, 4187960.9,   8.5,   8.5,   0.0);   (654367.0,
4187916.5,   8.5,   8.5,   0.0);
     (654449.5, 4188054.1,   8.3,   8.3,   0.0);   (654430.9,
4188093.2,   8.3,   8.3,   0.0);
     (654412.2, 4188132.2,   8.3,   8.3,   0.0);   (654393.5,
4188171.3,   8.3,   8.3,   0.0);
     (654374.9, 4188210.4,   8.3,   8.3,   0.0);   (654356.2,
4188249.4,   8.4,   8.4,   0.0);
     (654337.6, 4188288.5,   8.4,   8.4,   0.0);   (654318.9,
4188327.5,   8.4,   8.4,   0.0);
     (654300.2, 4188366.6,   8.3,   8.3,   0.0);   (654281.6,
4188405.7,   8.3,   8.3,   0.0);
     (654262.9, 4188444.7,   8.2,   8.2,   0.0);   (654233.4,
4188472.2,   8.1,   8.1,   0.0);
     (654193.2, 4188488.0,   8.1,   8.1,   0.0);   (654152.9,
4188503.9,   8.1,   8.1,   0.0);
     (654112.6, 4188519.7,   8.1,   8.1,   0.0);   (654072.3,
4188535.6,   8.0,   8.0,   0.0);
     (654032.0, 4188551.4,   8.0,   8.0,   0.0);   (653991.8,
4188567.3,   8.0,   8.0,   0.0);
     (653951.5, 4188583.2,   8.0,   8.0,   0.0);   (653911.2,
4188599.0,   7.9,   7.9,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (653870.9, 4188614.9,   7.9,   7.9,   0.0);   (654460.4,
4188012.4,   8.4,   8.4,   0.0);
     (654463.6, 4187968.0,   8.4,   8.4,   0.0);   (654466.7,
4187923.6,   8.3,   8.3,   0.0);
     (654549.1, 4188061.5,   8.7,   8.7,   0.0);   (654530.2,
4188101.2,   8.6,   8.6,   0.0);
     (654511.2, 4188140.8,   8.5,   8.5,   0.0);   (654492.3,
4188180.5,   8.5,   8.5,   0.0);
     (654473.3, 4188220.1,   8.5,   8.5,   0.0);   (654454.4,

```
4188259.8,       8.4,       8.4,       0.0);
     ( 654435.4, 4188299.5,       8.3,       8.3,       0.0);         ( 654416.5,
4188339.1,       8.3,       8.3,       0.0);
     ( 654397.5, 4188378.8,       8.3,       8.3,       0.0);         ( 654378.6,
4188418.4,       8.3,       8.3,       0.0);
     ( 654359.6, 4188458.1,       8.2,       8.2,       0.0);         ( 654340.7,
4188497.8,       8.1,       8.1,       0.0);
     ( 654301.3, 4188545.5,       8.0,       8.0,       0.0);         ( 654260.4,
4188561.6,       8.0,       8.0,       0.0);
     ( 654219.5, 4188577.7,       8.0,       8.0,       0.0);         ( 654178.6,
4188593.8,       8.0,       8.0,       0.0);
     ( 654137.7, 4188609.9,       8.0,       8.0,       0.0);         ( 654096.8,
4188626.0,       8.0,       8.0,       0.0);
     ( 654055.9, 4188642.1,       8.0,       8.0,       0.0);         ( 654015.0,
4188658.2,       8.0,       8.0,       0.0);
     ( 653974.1, 4188674.3,       8.0,       8.0,       0.0);         ( 653933.2,
4188690.4,       8.0,       8.0,       0.0);
     ( 653892.3, 4188706.5,       8.1,       8.1,       0.0);         ( 653851.4,
4188722.6,       8.1,       8.1,       0.0);
     ( 654560.2, 4188019.5,       8.7,       8.7,       0.0);         ( 654563.3,
4187975.0,       8.5,       8.5,       0.0);
     ( 654566.5, 4187930.6,       8.3,       8.3,       0.0);         ( 654648.8,
4188068.8,       9.1,       9.1,       0.0);
     ( 654629.6, 4188108.9,       9.0,       9.0,       0.0);         ( 654610.4,
4188149.1,       8.8,       8.8,       0.0);
     ( 654591.2, 4188189.2,       8.7,       8.7,       0.0);         ( 654572.1,
4188229.3,       8.5,       8.5,       0.0);
     ( 654552.9, 4188269.5,       8.3,       8.3,       0.0);         ( 654533.7,
4188309.6,       8.3,       8.3,       0.0);
     ( 654514.5, 4188349.7,       8.3,       8.3,       0.0);         ( 654495.4,
4188389.9,       8.2,       8.2,       0.0);
     ( 654476.2, 4188430.0,       8.2,       8.2,       0.0);         ( 654457.0,
4188470.1,       8.2,       8.2,       0.0);
     ( 654437.8, 4188510.2,       8.1,       8.1,       0.0);         ( 654418.7,
4188550.4,       8.1,       8.1,       0.0);
     ( 654399.5, 4188590.5,       8.1,       8.1,       0.0);         ( 654369.2,
4188618.7,       8.1,       8.1,       0.0);
     ( 654327.8, 4188635.0,       8.1,       8.1,       0.0);         ( 654286.4,
4188651.3,       8.1,       8.1,       0.0);
     ( 654245.1, 4188667.6,       8.1,       8.1,       0.0);         ( 654203.7,
4188683.9,       8.2,       8.2,       0.0);
     ( 654162.3, 4188700.2,       8.2,       8.2,       0.0);         ( 654120.9,
4188716.5,       8.2,       8.2,       0.0);
     ( 654079.5, 4188732.8,       8.2,       8.2,       0.0);         ( 654038.1,
4188749.1,       8.2,       8.2,       0.0);
     ( 653996.7, 4188765.3,       8.2,       8.2,       0.0);         ( 653955.3,
4188781.6,       8.2,       8.2,       0.0);
     ( 653914.0, 4188797.9,       8.3,       8.3,       0.0);         ( 653872.6,
4188814.2,       8.3,       8.3,       0.0);
     ( 654659.9, 4188026.5,       9.2,       9.2,       0.0);         ( 654663.1,
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4187982.1,       9.1,       9.1,       0.0);
     ( 654666.2, 4187937.7,       8.6,       8.6,       0.0);         ( 654898.4,
4188086.1,       9.8,       9.8,       0.0);
     ( 654879.6, 4188125.4,       9.6,       9.6,       0.0);         ( 654860.8,
4188164.7,       9.4,       9.4,       0.0);
     ( 654842.0, 4188204.0,       9.1,       9.1,       0.0);         ( 654823.2,
4188243.3,       8.8,       8.8,       0.0);
     ( 654804.5, 4188282.6,       8.6,       8.6,       0.0);         ( 654785.7,
4188321.9,       8.5,       8.5,       0.0);
     ( 654766.9, 4188361.2,       8.4,       8.4,       0.0);         ( 654748.1,
4188400.5,       8.4,       8.4,       0.0);
     ( 654729.3, 4188439.8,       8.4,       8.4,       0.0);         ( 654710.6,
4188479.1,       8.4,       8.4,       0.0);
     ( 654691.8, 4188518.4,       8.4,       8.4,       0.0);         ( 654673.0,
4188557.7,       8.3,       8.3,       0.0);
     ( 654654.2, 4188597.0,       8.3,       8.3,       0.0);         ( 654635.4,
4188636.3,       8.3,       8.3,       0.0);
     ( 654616.7, 4188675.6,       8.3,       8.3,       0.0);         ( 654597.9,
4188714.9,       8.3,       8.3,       0.0);
     ( 654579.1, 4188754.2,       8.4,       8.4,       0.0);         ( 654540.1,
4188801.5,       8.4,       8.4,       0.0);
     ( 654499.5, 4188817.4,       8.4,       8.4,       0.0);         ( 654459.0,
4188833.4,       8.4,       8.4,       0.0);
     ( 654418.5, 4188849.3,       8.5,       8.5,       0.0);         ( 654377.9,
4188865.3,       8.4,       8.4,       0.0);
     ( 654337.4, 4188881.2,       8.3,       8.3,       0.0);         ( 654296.9,
4188897.2,       8.4,       8.4,       0.0);
     ( 654256.3, 4188913.2,       8.3,       8.3,       0.0);         ( 654215.8,
4188929.1,       8.3,       8.3,       0.0);
     ( 654175.3, 4188945.1,       8.4,       8.4,       0.0);         ( 654134.7,
4188961.0,       8.5,       8.5,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 654094.2, 4188977.0,       8.5,       8.5,       0.0);         ( 654053.7,
4188992.9,       8.5,       8.5,       0.0);
     ( 654013.1, 4189008.9,       8.5,       8.5,       0.0);         ( 653972.6,
4189024.8,       8.5,       8.5,       0.0);
     ( 653932.1, 4189040.8,       8.4,       8.4,       0.0);         ( 653891.6,
4189056.8,       8.4,       8.4,       0.0);
     ( 653851.0, 4189072.7,       8.4,       8.4,       0.0);         ( 654909.3,
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4188044.2,       9.9,       9.9,       0.0);
     ( 654912.5, 4187999.8,       9.9,       9.9,       0.0);         ( 654915.6,
4187955.4,      10.0,      10.0,       0.0);
     ( 655147.6, 4188103.9,       9.6,       9.6,       0.0);         ( 655128.7,
4188143.6,       9.6,       9.6,       0.0);
     ( 655109.7, 4188183.2,       9.5,       9.5,       0.0);         ( 655090.8,
4188222.9,       9.5,       9.5,       0.0);
     ( 655071.8, 4188262.6,       9.3,       9.3,       0.0);         ( 655052.9,
4188302.2,       9.2,       9.2,       0.0);
     ( 655033.9, 4188341.9,       9.1,       9.1,       0.0);         ( 655015.0,
4188381.5,       9.0,       9.0,       0.0);
     ( 654996.0, 4188421.2,       8.9,       8.9,       0.0);         ( 654977.1,
4188460.8,       8.9,       8.9,       0.0);
     ( 654958.1, 4188500.5,       8.8,       8.8,       0.0);         ( 654939.2,
4188540.2,       8.8,       8.8,       0.0);
     ( 654920.2, 4188579.8,       8.5,       8.5,       0.0);         ( 654901.3,
4188619.5,       8.8,       8.8,       0.0);
     ( 654882.3, 4188659.1,       8.8,       8.8,       0.0);         ( 654863.4,
4188698.8,       8.8,       8.8,       0.0);
     ( 654844.4, 4188738.5,       8.8,       8.8,       0.0);         ( 654825.5,
4188778.1,       8.8,       8.8,       0.0);
     ( 654806.5, 4188817.8,       8.8,       8.8,       0.0);         ( 654787.6,
4188857.4,       8.8,       8.8,       0.0);
     ( 654768.6, 4188897.1,       8.9,       8.9,       0.0);         ( 654749.7,
4188936.8,       8.9,       8.9,       0.0);
     ( 654710.3, 4188984.5,       8.9,       8.9,       0.0);         ( 654669.4,
4189000.6,       8.9,       8.9,       0.0);
     ( 654628.5, 4189016.7,       8.9,       8.9,       0.0);         ( 654587.6,
4189032.8,       8.8,       8.8,       0.0);
     ( 654546.7, 4189048.9,       8.8,       8.8,       0.0);         ( 654505.8,
4189065.0,       8.7,       8.7,       0.0);
     ( 654464.9, 4189081.1,       8.7,       8.7,       0.0);         ( 654424.0,
4189097.2,       8.7,       8.7,       0.0);
     ( 654383.1, 4189113.3,       8.7,       8.7,       0.0);         ( 654342.2,
4189129.4,       8.7,       8.7,       0.0);
     ( 654301.3, 4189145.5,       8.8,       8.8,       0.0);         ( 654260.4,
4189161.6,       8.8,       8.8,       0.0);
     ( 654219.5, 4189177.7,       8.8,       8.8,       0.0);         ( 654178.6,
4189193.8,       8.8,       8.8,       0.0);
     ( 654137.7, 4189209.9,       8.7,       8.7,       0.0);         ( 654096.8,
4189226.0,       8.7,       8.7,       0.0);
     ( 654055.9, 4189242.1,       8.7,       8.7,       0.0);         ( 654015.0,
4189258.2,       8.6,       8.6,       0.0);
     ( 653974.1, 4189274.3,       8.6,       8.6,       0.0);         ( 653933.2,
4189290.4,       8.5,       8.5,       0.0);
     ( 653892.3, 4189306.5,       8.5,       8.5,       0.0);         ( 653851.4,
4189322.6,       8.5,       8.5,       0.0);
     ( 655158.7, 4188061.9,       9.6,       9.6,       0.0);         ( 655161.8,
4188017.5,       9.6,       9.6,       0.0);
     ( 655165.0, 4187973.0,       9.6,       9.6,       0.0);         ( 655397.0,
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4188121.7,   9.7,   9.7,   0.0);
     (655377.9, 4188161.6,   9.6,   9.6,   0.0);   (655358.8,
4188201.5,   9.6,   9.6,   0.0);
     (655339.7, 4188241.4,   9.5,   9.5,   0.0);   (655320.7,
4188281.3,   9.5,   9.5,   0.0);
     (655301.6, 4188321.3,   9.4,   9.4,   0.0);   (655282.5,
4188361.2,   9.4,   9.4,   0.0);
     (655263.5, 4188401.1,   9.3,   9.3,   0.0);   (655244.4,
4188441.0,   9.2,   9.2,   0.0);
     (655225.3, 4188480.9,   9.2,   9.2,   0.0);   (655206.2,
4188520.8,   9.2,   9.2,   0.0);
     (655187.2, 4188560.7,   9.1,   9.1,   0.0);   (655168.1,
4188600.6,   8.6,   8.6,   0.0);
     (655149.1, 4188640.5,   9.2,   9.2,   0.0);   (655130.0,
4188680.4,   9.2,   9.2,   0.0);
     (655110.9, 4188720.3,   9.2,   9.2,   0.0);   (655091.8,
4188760.2,   9.3,   9.3,   0.0);
     (655072.8, 4188800.2,   9.3,   9.3,   0.0);   (655053.7,
4188840.1,   9.4,   9.4,   0.0);
     (655034.6, 4188880.0,   9.4,   9.4,   0.0);   (655015.6,
4188919.9,   9.4,   9.4,   0.0);
     (654996.5, 4188959.8,   9.4,   9.4,   0.0);   (654977.4,
4188999.7,   9.4,   9.4,   0.0);
     (654958.4, 4189039.6,   9.4,   9.4,   0.0);   (654939.3,
4189079.5,   9.4,   9.4,   0.0);
     (654920.2, 4189119.4,   9.4,   9.4,   0.0);   (654880.6,
4189167.4,   9.4,   9.4,   0.0);
     (654839.4, 4189183.6,   9.3,   9.3,   0.0);   (654798.2,
4189199.8,   9.3,   9.3,   0.0);
     (654757.1, 4189216.0,   9.2,   9.2,   0.0);   (654715.9,
4189232.2,   9.2,   9.2,   0.0);
     (654674.8, 4189248.4,   9.1,   9.1,   0.0);   (654633.6,
4189264.6,   9.1,   9.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     (654592.5, 4189280.8,   9.1,   9.1,   0.0);   (654551.3,
4189297.0,   9.0,   9.0,   0.0);
     (654510.2, 4189313.2,   9.0,   9.0,   0.0);   (654469.0,
4189329.4,   9.0,   9.0,   0.0);
     (654427.8, 4189345.6,   9.0,   9.0,   0.0);   (654386.7,

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4189361.8,       8.9,       8.9,       0.0);
     ( 654345.5, 4189378.0,       8.9,       8.9,       0.0);         ( 654304.4,
4189394.2,       8.9,       8.9,       0.0);
     ( 654263.2, 4189410.4,       8.8,       8.8,       0.0);         ( 654222.1,
4189426.6,       8.8,       8.8,       0.0);
     ( 654180.9, 4189442.8,       8.7,       8.7,       0.0);         ( 654139.7,
4189459.0,       8.6,       8.6,       0.0);
     ( 654098.6, 4189475.2,       8.6,       8.6,       0.0);         ( 654057.4,
4189491.4,       8.6,       8.6,       0.0);
     ( 654016.3, 4189507.7,       8.5,       8.5,       0.0);         ( 653975.1,
4189523.9,       8.5,       8.5,       0.0);
     ( 653934.0, 4189540.1,       8.5,       8.5,       0.0);         ( 653892.8,
4189556.3,       8.4,       8.4,       0.0);
     ( 653851.7, 4189572.5,       8.4,       8.4,       0.0);         ( 655408.1,
4188079.6,       9.7,       9.7,       0.0);
     ( 655411.2, 4188035.1,       9.8,       9.8,       0.0);         ( 655414.4,
4187990.7,       9.8,       9.8,       0.0);
     ( 655646.3, 4188139.5,      10.0,      10.0,       0.0);         ( 655627.1,
4188179.6,       9.9,       9.9,       0.0);
     ( 655608.0, 4188219.7,       9.9,       9.9,       0.0);         ( 655588.8,
4188259.8,       9.9,       9.9,       0.0);
     ( 655569.7, 4188299.9,       9.9,       9.9,       0.0);         ( 655550.5,
4188339.9,       9.8,       9.8,       0.0);
     ( 655531.3, 4188380.0,       9.7,       9.7,       0.0);         ( 655512.2,
4188420.1,       9.5,       9.5,       0.0);
     ( 655493.0, 4188460.2,       9.3,       9.3,       0.0);         ( 655473.9,
4188500.3,       9.2,       9.2,       0.0);
     ( 655454.7, 4188540.4,       9.1,       9.1,       0.0);         ( 655435.6,
4188580.5,       8.9,       8.9,       0.0);
     ( 655416.4, 4188620.6,       8.8,       8.8,       0.0);         ( 655397.2,
4188660.7,       8.8,       8.8,       0.0);
     ( 655378.1, 4188700.8,       8.7,       8.7,       0.0);         ( 655358.9,
4188740.9,       8.7,       8.7,       0.0);
     ( 655339.8, 4188781.0,       8.7,       8.7,       0.0);         ( 655320.6,
4188821.1,       8.5,       8.5,       0.0);
     ( 655301.4, 4188861.1,       8.6,       8.6,       0.0);         ( 655282.3,
4188901.2,       8.5,       8.5,       0.0);
     ( 655263.1, 4188941.3,       8.5,       8.5,       0.0);         ( 655244.0,
4188981.4,       9.0,       9.0,       0.0);
     ( 655224.8, 4189021.5,       9.6,       9.6,       0.0);         ( 655205.7,
4189061.6,       9.8,       9.8,       0.0);
     ( 655186.5, 4189101.7,       9.9,       9.9,       0.0);         ( 655167.3,
4189141.8,       9.9,       9.9,       0.0);
     ( 655148.2, 4189181.9,       9.9,       9.9,       0.0);         ( 655129.0,
4189222.0,       9.8,       9.8,       0.0);
     ( 655109.9, 4189262.1,       9.8,       9.8,       0.0);         ( 655090.7,
4189302.2,       9.8,       9.8,       0.0);
     ( 655050.9, 4189350.4,       9.8,       9.8,       0.0);         ( 655009.5,
4189366.7,       9.7,       9.7,       0.0);
     ( 654968.2, 4189382.9,       9.7,       9.7,       0.0);         ( 654926.8,
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4189399.2,   9.6,   9.6,   0.0);
     (654885.5, 4189415.5,   9.6,   9.6,   0.0);   (654844.2,
4189431.8,   9.5,   9.5,   0.0);
     (654802.8, 4189448.0,   9.4,   9.4,   0.0);   (654761.5,
4189464.3,   9.3,   9.3,   0.0);
     (654720.1, 4189480.6,   9.2,   9.2,   0.0);   (654678.8,
4189496.9,   9.1,   9.1,   0.0);
     (654637.4, 4189513.1,   9.0,   9.0,   0.0);   (654596.1,
4189529.4,   8.9,   8.9,   0.0);
     (654554.7, 4189545.7,   8.8,   8.8,   0.0);   (654513.4,
4189562.0,   8.7,   8.7,   0.0);
     (654472.0, 4189578.2,   8.6,   8.6,   0.0);   (654430.7,
4189594.5,   8.6,   8.6,   0.0);
     (654389.3, 4189610.8,   8.5,   8.5,   0.0);   (654348.0,
4189627.1,   8.5,   8.5,   0.0);
     (654306.7, 4189643.3,   8.6,   8.6,   0.0);   (654265.3,
4189659.6,   8.6,   8.6,   0.0);
     (654224.0, 4189675.9,   8.5,   8.5,   0.0);   (654182.6,
4189692.2,   8.5,   8.5,   0.0);
     (654141.3, 4189708.5,   8.5,   8.5,   0.0);   (654099.9,
4189724.7,   8.5,   8.5,   0.0);
     (654058.6, 4189741.0,   8.5,   8.5,   0.0);   (654017.2,
4189757.3,   8.4,   8.4,   0.0);
     (653975.9, 4189773.6,   8.3,   8.3,   0.0);   (653934.5,
4189789.8,   8.3,   8.3,   0.0);
     (653893.2, 4189806.1,   8.2,   8.2,   0.0);   (653851.8,
4189822.4,   8.2,   8.2,   0.0);
     (655657.4, 4188097.2,   10.0,   10.0,   0.0);   (655660.6,
4188052.8,   10.0,   10.0,   0.0);
     (655663.7, 4188008.4,   10.0,   10.0,   0.0);   (656145.1,
4188174.7,   10.2,   10.2,   0.0);
     (656126.1, 4188214.5,   10.2,   10.2,   0.0);   (656107.0,
4188254.4,   10.1,   10.1,   0.0);
     (656088.0, 4188294.2,   10.1,   10.1,   0.0);   (656069.0,
4188334.0,   10.0,   10.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (656049.9, 4188373.8,   9.9,   9.9,   0.0);   (656030.9,
4188413.7,   9.9,   9.9,   0.0);
     (656011.9, 4188453.5,   9.9,   9.9,   0.0);   (655992.8,

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4188493.3,       9.8,       9.8,       0.0);
     ( 655973.8, 4188533.2,       9.9,       9.9,       0.0);         ( 655954.8,
4188573.0,      10.0,      10.0,       0.0);
     ( 655935.8, 4188612.8,      10.1,      10.1,       0.0);         ( 655916.7,
4188652.6,      10.1,      10.1,       0.0);
     ( 655897.7, 4188692.5,      10.2,      10.2,       0.0);         ( 655878.7,
4188732.3,      10.2,      10.2,       0.0);
     ( 655859.6, 4188772.1,      10.3,      10.3,       0.0);         ( 655840.6,
4188811.9,      10.5,      10.5,       0.0);
     ( 655821.6, 4188851.8,      10.6,      10.6,       0.0);         ( 655802.5,
4188891.6,      10.9,      10.9,       0.0);
     ( 655783.5, 4188931.4,      11.2,      11.2,       0.0);         ( 655764.5,
4188971.3,      11.4,      11.4,       0.0);
     ( 655745.4, 4189011.1,      11.5,      11.5,       0.0);         ( 655726.4,
4189050.9,      10.8,      10.8,       0.0);
     ( 655707.4, 4189090.8,      10.8,      10.8,       0.0);         ( 655688.3,
4189130.6,      10.7,      10.7,       0.0);
     ( 655669.3, 4189170.4,      10.7,      10.7,       0.0);         ( 655650.3,
4189210.2,      10.7,      10.7,       0.0);
     ( 655631.2, 4189250.1,      10.6,      10.6,       0.0);         ( 655612.2,
4189289.9,      10.6,      10.6,       0.0);
     ( 655593.2, 4189329.7,      10.6,      10.6,       0.0);         ( 655574.2,
4189369.5,      10.5,      10.5,       0.0);
     ( 655555.1, 4189409.4,      10.5,      10.5,       0.0);         ( 655536.1,
4189449.2,      10.5,      10.5,       0.0);
     ( 655517.1, 4189489.0,      10.4,      10.4,       0.0);         ( 655498.0,
4189528.9,      10.4,      10.4,       0.0);
     ( 655479.0, 4189568.7,      10.4,      10.4,       0.0);         ( 655460.0,
4189608.5,      10.4,      10.4,       0.0);
     ( 655440.9, 4189648.3,      10.3,      10.3,       0.0);         ( 655421.9,
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     ( 655391.8, 4189716.2,      10.3,      10.3,       0.0);         ( 655350.8,
4189732.3,      10.2,      10.2,       0.0);
     ( 655309.7, 4189748.5,      10.2,      10.2,       0.0);         ( 655268.6,
4189764.7,      10.2,      10.2,       0.0);
     ( 655227.6, 4189780.8,      10.2,      10.2,       0.0);         ( 655186.5,
4189797.0,      10.1,      10.1,       0.0);
     ( 655145.4, 4189813.2,      10.1,      10.1,       0.0);         ( 655104.3,
4189829.4,      10.1,      10.1,       0.0);
     ( 655063.2, 4189845.5,      10.0,      10.0,       0.0);         ( 655022.2,
4189861.7,      10.0,      10.0,       0.0);
     ( 654981.1, 4189877.9,      10.0,      10.0,       0.0);         ( 654940.0,
4189894.0,      10.0,      10.0,       0.0);
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     ( 654816.8, 4189942.5,       9.9,       9.9,       0.0);         ( 654775.7,
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     ( 654734.7, 4189974.9,       9.9,       9.9,       0.0);         ( 654693.6,
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     ( 654652.5, 4190007.2,       9.9,       9.9,       0.0);         ( 654611.4,
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4190055.7,   9.3,   9.3,   0.0);
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4190088.0,   8.9,   8.9,   0.0);
     (654406.1, 4190104.2,   8.9,   8.9,   0.0);   (654365.0,
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     (654323.9, 4190136.5,   8.8,   8.8,   0.0);   (654282.8,
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     (654241.8, 4190168.9,   8.5,   8.5,   0.0);   (654200.7,
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     (654159.6, 4190201.2,   8.4,   8.4,   0.0);   (654118.6,
4190217.4,   8.4,   8.4,   0.0);
     (654077.5, 4190233.6,   8.4,   8.4,   0.0);   (654036.4,
4190249.7,   8.4,   8.4,   0.0);
     (653995.3, 4190265.9,   8.3,   8.3,   0.0);   (653954.2,
4190282.1,   8.3,   8.3,   0.0);
     (653913.2, 4190298.2,   8.3,   8.3,   0.0);   (653872.1,
4190314.4,   8.3,   8.3,   0.0);
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     (656162.5, 4188043.7,   10.3,   10.3,   0.0);   (656643.8,
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     (656586.3, 4188330.4,   10.8,   10.8,   0.0);   (656567.2,
4188370.5,   10.8,   10.8,   0.0);
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4188450.7,   11.3,   11.3,   0.0);
     (656509.7, 4188490.7,   11.4,   11.4,   0.0);   (656490.6,
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     (656394.8, 4188731.2,   11.4,   11.4,   0.0);   (656375.7,
4188771.3,   11.4,   11.4,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (656356.5, 4188811.4,   11.3,   11.3,   0.0);   (656337.4,

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     ( 656279.9, 4188971.7,      11.1,      11.1,       0.0);         ( 656260.7,
4189011.8,      11.1,      11.1,       0.0);
     ( 656241.6, 4189051.9,      11.1,      11.1,       0.0);         ( 656222.4,
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4189172.1,      11.3,      11.3,       0.0);
     ( 656165.0, 4189212.2,      11.2,      11.2,       0.0);         ( 656145.8,
4189252.3,      11.1,      11.1,       0.0);
     ( 656126.7, 4189292.3,      11.1,      11.1,       0.0);         ( 656107.5,
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     ( 656088.4, 4189372.5,      11.0,      11.0,       0.0);         ( 656069.2,
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     ( 656050.1, 4189452.7,      11.0,      11.0,       0.0);         ( 656030.9,
4189492.8,      10.9,      10.9,       0.0);
     ( 656011.8, 4189532.8,      10.9,      10.9,       0.0);         ( 655992.6,
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     ( 655973.5, 4189613.0,      10.9,      10.9,       0.0);         ( 655954.3,
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     ( 655935.2, 4189693.2,      10.8,      10.8,       0.0);         ( 655916.0,
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     ( 655896.9, 4189773.3,      10.6,      10.6,       0.0);         ( 655877.7,
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     ( 655858.5, 4189853.5,      10.5,      10.5,       0.0);         ( 655839.4,
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     ( 655781.9, 4190013.8,      10.2,      10.2,       0.0);         ( 655762.8,
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     ( 655732.5, 4190082.1,      10.2,      10.2,       0.0);         ( 655691.2,
4190098.3,      10.1,      10.1,       0.0);
     ( 655649.9, 4190114.6,      10.1,      10.1,       0.0);         ( 655608.5,
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     ( 655484.5, 4190179.7,       9.9,       9.9,       0.0);         ( 655443.2,
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     ( 655319.2, 4190244.8,       9.7,       9.7,       0.0);         ( 655277.9,
4190261.0,       9.7,       9.7,       0.0);
     ( 655236.5, 4190277.3,       9.6,       9.6,       0.0);         ( 655195.2,
4190293.6,       9.6,       9.6,       0.0);
     ( 655153.9, 4190309.9,       9.6,       9.6,       0.0);         ( 655112.5,
4190326.1,       9.6,       9.6,       0.0);
     ( 655071.2, 4190342.4,       9.6,       9.6,       0.0);         ( 655029.9,
4190358.7,       9.6,       9.6,       0.0);
     ( 654988.5, 4190374.9,       9.6,       9.6,       0.0);         ( 654947.2,
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     (654657.9, 4190505.1, 8.6, 8.6, 0.0); (654616.5,
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     (654575.2, 4190537.6, 8.5, 8.5, 0.0); (654533.8,
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     (654492.5, 4190570.2, 8.5, 8.5, 0.0); (654451.2,
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     (654409.8, 4190602.7, 8.5, 8.5, 0.0); (654368.5,
4190619.0, 8.5, 8.5, 0.0);
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     (654161.8, 4190700.4, 8.6, 8.6, 0.0); (654120.5,
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4190749.2, 8.6, 8.6, 0.0);
     (653996.5, 4190765.4, 8.6, 8.6, 0.0); (653955.2,
4190781.7, 8.5, 8.5, 0.0);
     (653913.8, 4190798.0, 8.5, 8.5, 0.0); (653872.5,
4190814.2, 8.5, 8.5, 0.0);
     (656654.9, 4188167.9, 11.1, 11.1, 0.0); (656658.1,
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     (656661.2, 4188079.1, 11.0, 11.0, 0.0); (657142.6,
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     (657123.5, 4188285.3, 11.5, 11.5, 0.0); (657104.5,
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4188484.8, 11.5, 11.5, 0.0);
     (657009.1, 4188524.7, 11.5, 11.5, 0.0); (656990.1,
4188564.6, 11.5, 11.5, 0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

```
     ( 656971.0, 4188604.5,      11.4,      11.4,       0.0);         ( 656951.9,
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     ( 656932.9, 4188684.3,      11.4,      11.4,       0.0);         ( 656913.8,
4188724.2,      11.4,      11.4,       0.0);
     ( 656894.7, 4188764.1,      11.4,      11.4,       0.0);         ( 656875.7,
4188804.0,      11.5,      11.5,       0.0);
     ( 656856.6, 4188843.9,      11.6,      11.6,       0.0);         ( 656837.6,
4188883.8,      11.7,      11.7,       0.0);
     ( 656818.5, 4188923.7,      11.7,      11.7,       0.0);         ( 656799.4,
4188963.6,      11.7,      11.7,       0.0);
     ( 656780.4, 4189003.5,      11.7,      11.7,       0.0);         ( 656761.3,
4189043.4,      11.6,      11.6,       0.0);
     ( 656742.2, 4189083.3,      11.6,      11.6,       0.0);         ( 656723.2,
4189123.2,      11.6,      11.6,       0.0);
     ( 656704.1, 4189163.1,      11.5,      11.5,       0.0);         ( 656685.0,
4189203.0,      11.5,      11.5,       0.0);
     ( 656666.0, 4189242.8,      11.4,      11.4,       0.0);         ( 656646.9,
4189282.8,      11.4,      11.4,       0.0);
     ( 656627.8, 4189322.6,      11.3,      11.3,       0.0);         ( 656608.8,
4189362.5,      11.3,      11.3,       0.0);
     ( 656589.7, 4189402.4,      11.3,      11.3,       0.0);         ( 656570.7,
4189442.3,      11.3,      11.3,       0.0);
     ( 656551.6, 4189482.2,      11.2,      11.2,       0.0);         ( 656532.5,
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     ( 656513.5, 4189562.0,      11.2,      11.2,       0.0);         ( 656494.4,
4189601.9,      11.2,      11.2,       0.0);
     ( 656475.3, 4189641.8,      11.3,      11.3,       0.0);         ( 656456.3,
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     ( 656437.2, 4189721.6,      11.4,      11.4,       0.0);         ( 656418.1,
4189761.5,      11.4,      11.4,       0.0);
     ( 656399.1, 4189801.4,      11.4,      11.4,       0.0);         ( 656380.0,
4189841.3,      11.4,      11.4,       0.0);
     ( 656360.9, 4189881.2,      11.4,      11.4,       0.0);         ( 656341.9,
4189921.1,      11.4,      11.4,       0.0);
     ( 656322.8, 4189961.0,      11.4,      11.4,       0.0);         ( 656303.7,
4190000.9,      11.4,      11.4,       0.0);
     ( 656284.7, 4190040.8,      11.3,      11.3,       0.0);         ( 656265.6,
4190080.7,      11.0,      11.0,       0.0);
     ( 656246.6, 4190120.6,      10.6,      10.6,       0.0);         ( 656227.5,
4190160.5,      10.2,      10.2,       0.0);
     ( 656208.4, 4190200.4,      10.2,      10.2,       0.0);         ( 656189.4,
4190240.3,      10.1,      10.1,       0.0);
     ( 656170.3, 4190280.2,      10.1,      10.1,       0.0);         ( 656151.2,
4190320.1,      10.1,      10.1,       0.0);
     ( 656132.2, 4190360.0,      10.1,      10.1,       0.0);         ( 656113.1,
4190399.9,      10.2,      10.2,       0.0);
     ( 656073.5, 4190447.9,      10.2,      10.2,       0.0);         ( 656032.3,
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     ( 655991.2, 4190480.3,      10.1,      10.1,       0.0);         ( 655950.0,
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     ( 655908.9, 4190512.6,       9.9,       9.9,       0.0);         ( 655867.7,
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     ( 655826.6, 4190545.0,       9.9,       9.9,       0.0);         ( 655785.5,
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     ( 655744.3, 4190577.4,       9.9,       9.9,       0.0);         ( 655703.2,
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     ( 655662.0, 4190609.8,       9.9,       9.9,       0.0);         ( 655620.9,
4190626.0,       9.9,       9.9,       0.0);
     ( 655579.7, 4190642.2,      10.0,      10.0,       0.0);         ( 655538.6,
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     ( 655497.4, 4190674.6,      10.0,      10.0,       0.0);         ( 655456.3,
4190690.8,      10.0,      10.0,       0.0);
     ( 655415.1, 4190707.0,      10.0,      10.0,       0.0);         ( 655374.0,
4190723.2,      10.0,      10.0,       0.0);
     ( 655332.9, 4190739.4,      10.0,      10.0,       0.0);         ( 655291.7,
4190755.6,       9.9,       9.9,       0.0);
     ( 655250.6, 4190771.8,       9.9,       9.9,       0.0);         ( 655209.4,
4190788.0,       9.9,       9.9,       0.0);
     ( 655168.3, 4190804.2,       9.8,       9.8,       0.0);         ( 655127.1,
4190820.4,       9.8,       9.8,       0.0);
     ( 655086.0, 4190836.6,       9.7,       9.7,       0.0);         ( 655044.8,
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     ( 655003.7, 4190869.0,       9.7,       9.7,       0.0);         ( 654962.6,
4190885.2,       9.7,       9.7,       0.0);
     ( 654921.4, 4190901.4,       9.6,       9.6,       0.0);         ( 654880.3,
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     ( 654839.1, 4190933.8,       9.5,       9.5,       0.0);         ( 654798.0,
4190949.9,       9.4,       9.4,       0.0);
     ( 654756.8, 4190966.1,       9.4,       9.4,       0.0);         ( 654715.7,
4190982.3,       9.3,       9.3,       0.0);
     ( 654674.5, 4190998.5,       9.3,       9.3,       0.0);         ( 654633.4,
4191014.7,       9.3,       9.3,       0.0);
     ( 654592.2, 4191030.9,       9.2,       9.2,       0.0);         ( 654551.1,
4191047.1,       9.2,       9.2,       0.0);
     ( 654510.0, 4191063.3,       9.1,       9.1,       0.0);         ( 654468.8,
4191079.5,       9.0,       9.0,       0.0);
     ( 654427.7, 4191095.7,       8.9,       8.9,       0.0);         ( 654386.5,
4191111.9,       8.9,       8.9,       0.0);
     ( 654345.4, 4191128.1,       8.8,       8.8,       0.0);         ( 654304.2,
4191144.3,       8.8,       8.8,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
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(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(654263.1, 4191160.5, 8.7, 8.7, 0.0); (654221.9, 4191176.7, 8.7, 8.7, 0.0);
(654180.8, 4191192.9, 8.7, 8.7, 0.0); (654139.7, 4191209.1, 8.7, 8.7, 0.0);
(654098.5, 4191225.3, 8.7, 8.7, 0.0); (654057.4, 4191241.5, 8.6, 8.6, 0.0);
(654016.2, 4191257.7, 8.6, 8.6, 0.0); (653975.1, 4191273.9, 8.6, 8.6, 0.0);
(653933.9, 4191290.1, 8.5, 8.5, 0.0); (653892.8, 4191306.3, 8.5, 8.5, 0.0);
(653851.6, 4191322.5, 8.5, 8.5, 0.0); (657153.7, 4188203.3, 11.5, 11.5, 0.0);
(657156.8, 4188158.8, 11.4, 11.4, 0.0); (657160.0, 4188114.4, 11.4, 11.4, 0.0);
(657641.3, 4188280.9, 12.9, 12.9, 0.0); (657622.1, 4188320.9, 12.9, 12.9, 0.0);
(657603.0, 4188361.0, 12.6, 12.6, 0.0); (657583.8, 4188401.1, 12.9, 12.9, 0.0);
(657564.7, 4188441.2, 12.7, 12.7, 0.0); (657545.5, 4188481.2, 12.6, 12.6, 0.0);
(657526.4, 4188521.3, 12.5, 12.5, 0.0); (657507.2, 4188561.4, 12.5, 12.5, 0.0);
(657488.1, 4188601.5, 12.5, 12.5, 0.0); (657468.9, 4188641.5, 12.5, 12.5, 0.0);
(657449.8, 4188681.6, 12.5, 12.5, 0.0); (657430.6, 4188721.7, 12.6, 12.6, 0.0);
(657411.5, 4188761.8, 12.8, 12.8, 0.0); (657392.3, 4188801.8, 12.9, 12.9, 0.0);
(657373.2, 4188841.9, 12.9, 12.9, 0.0); (657354.0, 4188882.0, 12.8, 12.8, 0.0);
(657334.9, 4188922.1, 12.8, 12.8, 0.0); (657315.7, 4188962.1, 12.7, 12.7, 0.0);
(657296.6, 4189002.2, 12.7, 12.7, 0.0); (657277.4, 4189042.3, 12.7, 12.7, 0.0);
(657258.3, 4189082.4, 12.6, 12.6, 0.0); (657239.1, 4189122.4, 12.6, 12.6, 0.0);
(657220.0, 4189162.5, 12.6, 12.6, 0.0); (657200.8, 4189202.6, 12.6, 12.6, 0.0);
(657181.7, 4189242.7, 12.6, 12.6, 0.0); (657162.6, 4189282.7, 12.5, 12.5, 0.0);
(657143.4, 4189322.8, 12.4, 12.4, 0.0); (657124.2, 4189362.9, 12.4, 12.4, 0.0);
(657105.1, 4189403.0, 12.4, 12.4, 0.0); (657086.0, 4189443.0, 12.4, 12.4, 0.0);
(657066.8, 4189483.1, 12.3, 12.3, 0.0); (657047.7, 4189523.2, 12.2, 12.2, 0.0);
(657028.5, 4189563.3, 12.2, 12.2, 0.0); (657009.4,

4189603.3,   12.0,   12.0,   0.0);
     (656990.2, 4189643.4,   11.9,   11.9,   0.0);   (656971.1,
4189683.5,   11.8,   11.8,   0.0);
     (656951.9, 4189723.6,   11.7,   11.7,   0.0);   (656932.8,
4189763.6,   11.6,   11.6,   0.0);
     (656913.6, 4189803.7,   11.6,   11.6,   0.0);   (656894.5,
4189843.8,   11.5,   11.5,   0.0);
     (656875.3, 4189883.9,   11.5,   11.5,   0.0);   (656856.2,
4189923.9,   11.5,   11.5,   0.0);
     (656837.0, 4189964.0,   11.5,   11.5,   0.0);   (656817.9,
4190004.1,   11.5,   11.5,   0.0);
     (656798.7, 4190044.2,   11.5,   11.5,   0.0);   (656779.6,
4190084.2,   11.5,   11.5,   0.0);
     (656760.4, 4190124.3,   11.5,   11.5,   0.0);   (656741.3,
4190164.4,   11.5,   11.5,   0.0);
     (656722.1, 4190204.5,   11.5,   11.5,   0.0);   (656703.0,
4190244.5,   11.5,   11.5,   0.0);
     (656683.8, 4190284.6,   11.5,   11.5,   0.0);   (656664.7,
4190324.7,   11.4,   11.4,   0.0);
     (656645.5, 4190364.8,   11.4,   11.4,   0.0);   (656626.4,
4190404.8,   11.4,   11.4,   0.0);
     (656607.2, 4190444.9,   11.3,   11.3,   0.0);   (656588.1,
4190485.0,   11.3,   11.3,   0.0);
     (656568.9, 4190525.1,   11.2,   11.2,   0.0);   (656549.8,
4190565.1,   11.2,   11.2,   0.0);
     (656530.6, 4190605.2,   11.2,   11.2,   0.0);   (656511.5,
4190645.3,   11.2,   11.2,   0.0);
     (656492.3, 4190685.4,   11.2,   11.2,   0.0);   (656473.2,
4190725.4,   11.2,   11.2,   0.0);
     (656454.0, 4190765.5,   11.2,   11.2,   0.0);   (656414.2,
4190813.7,   11.2,   11.2,   0.0);
     (656372.9, 4190830.0,   11.3,   11.3,   0.0);   (656331.5,
4190846.3,   11.3,   11.3,   0.0);
     (656290.2, 4190862.5,   11.2,   11.2,   0.0);   (656248.9,
4190878.8,   11.2,   11.2,   0.0);
     (656207.6, 4190895.1,   11.2,   11.2,   0.0);   (656166.2,
4190911.3,   11.1,   11.1,   0.0);
     (656124.9, 4190927.6,   11.1,   11.1,   0.0);   (656083.6,
4190943.9,   11.0,   11.0,   0.0);
     (656042.2, 4190960.1,   11.0,   11.0,   0.0);   (656000.9,
4190976.4,   10.9,   10.9,   0.0);
     (655959.6, 4190992.7,   10.8,   10.8,   0.0);   (655918.2,
4191009.0,   10.8,   10.8,   0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(655876.9, 4191025.2, 10.7, 10.7, 0.0); (655835.6, 4191041.5, 10.7, 10.7, 0.0);
(655794.3, 4191057.8, 10.6, 10.6, 0.0); (655752.9, 4191074.0, 10.6, 10.6, 0.0);
(655711.6, 4191090.3, 10.5, 10.5, 0.0); (655670.3, 4191106.6, 10.4, 10.4, 0.0);
(655629.0, 4191122.8, 10.3, 10.3, 0.0); (655587.6, 4191139.1, 10.2, 10.2, 0.0);
(655546.3, 4191155.4, 10.0, 10.0, 0.0); (655505.0, 4191171.6, 9.9, 9.9, 0.0);
(655463.6, 4191187.9, 10.0, 10.0, 0.0); (655422.3, 4191204.2, 10.0, 10.0, 0.0);
(655381.0, 4191220.4, 9.9, 9.9, 0.0); (655339.7, 4191236.7, 9.9, 9.9, 0.0);
(655298.3, 4191253.0, 9.9, 9.9, 0.0); (655257.0, 4191269.3, 9.9, 9.9, 0.0);
(655215.7, 4191285.5, 9.9, 9.9, 0.0); (655174.3, 4191301.8, 9.9, 9.9, 0.0);
(655133.0, 4191318.1, 9.9, 9.9, 0.0); (655091.7, 4191334.3, 9.8, 9.8, 0.0);
(655050.4, 4191350.6, 9.7, 9.7, 0.0); (655009.0, 4191366.9, 9.6, 9.6, 0.0);
(654967.7, 4191383.1, 9.5, 9.5, 0.0); (654926.4, 4191399.4, 9.1, 9.1, 0.0);
(654885.0, 4191415.7, 8.6, 8.6, 0.0); (654843.7, 4191431.9, 8.5, 8.5, 0.0);
(654802.4, 4191448.2, 8.5, 8.5, 0.0); (654761.1, 4191464.5, 8.5, 8.5, 0.0);
(654719.7, 4191480.8, 8.5, 8.5, 0.0); (654678.4, 4191497.0, 8.5, 8.5, 0.0);
(654637.1, 4191513.3, 8.5, 8.5, 0.0); (654595.7, 4191529.6, 8.5, 8.5, 0.0);
(654554.4, 4191545.8, 8.5, 8.5, 0.0); (654513.1, 4191562.1, 8.5, 8.5, 0.0);
(654471.8, 4191578.4, 8.6, 8.6, 0.0); (654430.4, 4191594.6, 8.6, 8.6, 0.0);
(654389.1, 4191610.9, 8.5, 8.5, 0.0); (654347.8, 4191627.2, 8.5, 8.5, 0.0);
(654306.4, 4191643.4, 8.4, 8.4, 0.0); (654265.1, 4191659.7, 8.4, 8.4, 0.0);
(654223.8, 4191676.0, 8.3, 8.3, 0.0); (654182.5, 4191692.2, 8.3, 8.3, 0.0);
(654141.1, 4191708.5, 8.2, 8.2, 0.0); (654099.8, 4191724.8, 8.2, 8.2, 0.0);
(654058.5, 4191741.0, 8.1, 8.1, 0.0); (654017.1,

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4191757.3,       8.1,       8.1,       0.0);
     ( 653975.8, 4191773.6,       8.1,       8.1,       0.0);         ( 653934.5,
4191789.8,       8.1,       8.1,       0.0);
     ( 653893.2, 4191806.1,       8.1,       8.1,       0.0);         ( 653851.8,
4191822.4,       8.1,       8.1,       0.0);
     ( 657652.4, 4188238.6,      12.8,      12.8,       0.0);         ( 657655.6,
4188194.2,      12.7,      12.7,       0.0);
     ( 657658.7, 4188149.8,      12.5,      12.5,       0.0);         ( 653819.0,
4187852.6,       8.2,       8.2,       0.0);
     ( 653794.2, 4187852.0,       8.1,       8.1,       0.0);         ( 653769.5,
4187851.3,       7.9,       7.9,       0.0);
     ( 653744.7, 4187850.6,       7.8,       7.8,       0.0);         ( 653719.9,
4187850.0,       7.9,       7.9,       0.0);
     ( 653695.1, 4187849.3,       8.0,       8.0,       0.0);         ( 653837.6,
4187835.8,       8.2,       8.2,       0.0);
     ( 653794.9, 4187827.0,       7.7,       7.7,       0.0);         ( 653770.1,
4187826.3,       7.6,       7.6,       0.0);
     ( 653745.4, 4187825.6,       7.6,       7.6,       0.0);         ( 653720.6,
4187825.0,       7.8,       7.8,       0.0);
     ( 653695.8, 4187824.3,       7.9,       7.9,       0.0);         ( 653838.2,
4187810.8,       8.0,       8.0,       0.0);
     ( 653880.3, 4187845.8,       8.3,       8.3,       0.0);         ( 653795.6,
4187802.0,       7.3,       7.3,       0.0);
     ( 653770.8, 4187801.3,       7.1,       7.1,       0.0);         ( 653746.0,
4187800.6,       7.4,       7.4,       0.0);
     ( 653721.2, 4187800.0,       7.7,       7.7,       0.0);         ( 653696.5,
4187799.3,       7.8,       7.8,       0.0);
     ( 653838.9, 4187785.8,       7.8,       7.8,       0.0);         ( 653874.6,
4187802.2,       8.2,       8.2,       0.0);
     ( 653898.9, 4187829.0,       8.4,       8.4,       0.0);         ( 653796.2,
4187777.0,       7.1,       7.1,       0.0);
     ( 653771.5, 4187776.3,       7.0,       7.0,       0.0);         ( 653746.7,
4187775.7,       7.1,       7.1,       0.0);
     ( 653721.9, 4187775.0,       7.5,       7.5,       0.0);         ( 653697.1,
4187774.3,       7.7,       7.7,       0.0);
     ( 653843.8, 4187737.5,       7.7,       7.7,       0.0);         ( 653865.2,
4187747.3,       8.0,       8.0,       0.0);
     ( 653886.6, 4187757.2,       8.2,       8.2,       0.0);         ( 653908.1,
4187767.0,       8.3,       8.3,       0.0);
     ( 653937.2, 4187799.1,       8.4,       8.4,       0.0);         ( 653944.9,
4187821.4,       8.4,       8.4,       0.0);
     ( 653952.6, 4187843.7,       8.4,       8.4,       0.0);         ( 653960.3,
4187865.9,       8.5,       8.5,       0.0);
     ( 653822.4, 4187727.7,       7.4,       7.4,       0.0);         ( 653797.6,
4187727.0,       7.1,       7.1,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653772.8, 4187726.3, 7.0, 7.0, 0.0); (653748.0, 4187725.7, 7.0, 7.0, 0.0);
(653723.2, 4187725.0, 7.1, 7.1, 0.0); (653698.5, 4187724.3, 7.4, 7.4, 0.0);
(653844.1, 4187687.0, 7.7, 7.7, 0.0); (653884.9, 4187705.8, 8.1, 8.1, 0.0);
(653905.3, 4187715.1, 8.2, 8.2, 0.0); (653946.1, 4187733.9, 8.3, 8.3, 0.0);
(653973.8, 4187764.5, 8.4, 8.4, 0.0); (653988.5, 4187806.9, 8.5, 8.5, 0.0);
(654003.2, 4187849.3, 8.5, 8.5, 0.0); (653798.9, 4187677.0, 7.6, 7.6, 0.0);
(653774.2, 4187676.4, 7.5, 7.5, 0.0); (653749.4, 4187675.7, 7.4, 7.4, 0.0);
(653724.6, 4187675.0, 7.5, 7.5, 0.0); (653699.8, 4187674.4, 7.5, 7.5, 0.0);
(653847.4, 4187637.9, 7.9, 7.9, 0.0); (653869.7, 4187648.2, 8.0, 8.0, 0.0);
(653892.0, 4187658.4, 8.1, 8.1, 0.0); (653914.3, 4187668.7, 8.2, 8.2, 0.0);
(653936.6, 4187678.9, 8.2, 8.2, 0.0); (653958.9, 4187689.2, 8.3, 8.3, 0.0);
(653981.2, 4187699.4, 8.3, 8.3, 0.0); (654011.6, 4187732.9, 8.4, 8.4, 0.0);
(654019.6, 4187756.1, 8.4, 8.4, 0.0); (654027.6, 4187779.3, 8.5, 8.5, 0.0);
(654035.6, 4187802.5, 8.5, 8.5, 0.0); (654043.7, 4187825.7, 8.5, 8.5, 0.0);
(654051.7, 4187848.9, 8.5, 8.5, 0.0); (654059.7, 4187872.1, 8.5, 8.5, 0.0);
(653825.0, 4187627.7, 7.9, 7.9, 0.0); (653800.3, 4187627.0, 7.8, 7.8, 0.0);
(653775.5, 4187626.4, 7.7, 7.7, 0.0); (653750.7, 4187625.7, 7.7, 7.7, 0.0);
(653725.9, 4187625.0, 7.7, 7.7, 0.0); (653701.2, 4187624.4, 7.7, 7.7, 0.0);
(653847.8, 4187587.5, 8.0, 8.0, 0.0); (653869.2, 4187597.4, 8.1, 8.1, 0.0);
(653890.6, 4187607.2, 8.1, 8.1, 0.0); (653912.1, 4187617.1, 8.1, 8.1, 0.0);
(653933.5, 4187626.9, 8.2, 8.2, 0.0); (653954.9, 4187636.7, 8.2, 8.2, 0.0);
(653976.3, 4187646.6, 8.2, 8.2, 0.0); (653997.7,

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4187656.4,       8.3,       8.3,       0.0);
     ( 654019.2, 4187666.2,       8.3,       8.3,       0.0);         ( 654048.3,
4187698.3,       8.4,       8.4,       0.0);
     ( 654056.0, 4187720.6,       8.4,       8.4,       0.0);         ( 654063.7,
4187742.9,       8.5,       8.5,       0.0);
     ( 654071.4, 4187765.2,       8.5,       8.5,       0.0);         ( 654079.1,
4187787.4,       8.5,       8.5,       0.0);
     ( 654086.8, 4187809.7,       8.5,       8.5,       0.0);         ( 654094.5,
4187832.0,       8.6,       8.6,       0.0);
     ( 654102.2, 4187854.3,       8.6,       8.6,       0.0);         ( 654109.9,
4187876.5,       8.6,       8.6,       0.0);
     ( 653826.4, 4187577.7,       8.0,       8.0,       0.0);         ( 653801.6,
4187577.1,       8.0,       8.0,       0.0);
     ( 653776.8, 4187576.4,       7.9,       7.9,       0.0);         ( 653752.0,
4187575.7,       7.9,       7.9,       0.0);
     ( 653727.3, 4187575.1,       7.8,       7.8,       0.0);         ( 653702.5,
4187574.4,       7.8,       7.8,       0.0);
     ( 653848.5, 4187537.3,       8.1,       8.1,       0.0);         ( 653869.4,
4187546.9,       8.1,       8.1,       0.0);
     ( 653890.2, 4187556.4,       8.1,       8.1,       0.0);         ( 653911.0,
4187566.0,       8.2,       8.2,       0.0);
     ( 653931.8, 4187575.5,       8.2,       8.2,       0.0);         ( 653952.7,
4187585.1,       8.2,       8.2,       0.0);
     ( 653973.5, 4187594.7,       8.2,       8.2,       0.0);         ( 653994.3,
4187604.2,       8.3,       8.3,       0.0);
     ( 654015.1, 4187613.8,       8.3,       8.3,       0.0);         ( 654036.0,
4187623.3,       8.3,       8.3,       0.0);
     ( 654056.8, 4187632.9,       8.3,       8.3,       0.0);         ( 654085.1,
4187664.1,       8.4,       8.4,       0.0);
     ( 654092.6, 4187685.8,       8.4,       8.4,       0.0);         ( 654100.1,
4187707.4,       8.4,       8.4,       0.0);
     ( 654107.6, 4187729.1,       8.5,       8.5,       0.0);         ( 654115.1,
4187750.8,       8.5,       8.5,       0.0);
     ( 654122.6, 4187772.4,       8.5,       8.5,       0.0);         ( 654130.0,
4187794.1,       8.6,       8.6,       0.0);
     ( 654137.5, 4187815.7,       8.6,       8.6,       0.0);         ( 654145.0,
4187837.4,       8.6,       8.6,       0.0);
     ( 654152.5, 4187859.0,       8.6,       8.6,       0.0);         ( 654160.0,
4187880.7,       8.6,       8.6,       0.0);
     ( 653827.7, 4187527.7,       8.1,       8.1,       0.0);         ( 653802.9,
4187527.1,       8.0,       8.0,       0.0);
     ( 653778.2, 4187526.4,       8.0,       8.0,       0.0);         ( 653753.4,
4187525.8,       8.0,       8.0,       0.0);
     ( 653728.6, 4187525.1,       7.9,       7.9,       0.0);         ( 653703.8,
4187524.4,       7.9,       7.9,       0.0);
     ( 653851.8, 4187437.6,       8.1,       8.1,       0.0);         ( 653873.2,
4187447.4,       8.1,       8.1,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653894.6, 4187457.3, 8.2, 8.2, 0.0); (653916.1, 4187467.1, 8.2, 8.2, 0.0);
(653937.5, 4187476.9, 8.2, 8.2, 0.0); (653958.9, 4187486.8, 8.2, 8.2, 0.0);
(653980.3, 4187496.6, 8.2, 8.2, 0.0); (654001.7, 4187506.4, 8.2, 8.2, 0.0);
(654023.2, 4187516.3, 8.2, 8.2, 0.0); (654044.6, 4187526.1, 8.2, 8.2, 0.0);
(654066.0, 4187535.9, 8.3, 8.3, 0.0); (654087.4, 4187545.8, 8.3, 8.3, 0.0);
(654108.8, 4187555.6, 8.4, 8.4, 0.0); (654130.3, 4187565.4, 8.4, 8.4, 0.0);
(654159.4, 4187597.6, 8.4, 8.4, 0.0); (654167.1, 4187619.8, 8.4, 8.4, 0.0);
(654174.8, 4187642.1, 8.4, 8.4, 0.0); (654182.5, 4187664.4, 8.4, 8.4, 0.0);
(654190.2, 4187686.7, 8.5, 8.5, 0.0); (654197.9, 4187708.9, 8.5, 8.5, 0.0);
(654205.6, 4187731.2, 8.5, 8.5, 0.0); (654213.3, 4187753.5, 8.6, 8.6, 0.0);
(654221.0, 4187775.8, 8.6, 8.6, 0.0); (654228.7, 4187798.0, 8.6, 8.6, 0.0);
(654236.4, 4187820.3, 8.6, 8.6, 0.0); (654244.1, 4187842.6, 8.6, 8.6, 0.0);
(654251.8, 4187864.9, 8.6, 8.6, 0.0); (654259.5, 4187887.1, 8.6, 8.6, 0.0);
(653830.4, 4187427.8, 8.1, 8.1, 0.0); (653805.6, 4187427.1, 8.1, 8.1, 0.0);
(653780.8, 4187426.4, 8.0, 8.0, 0.0); (653756.0, 4187425.8, 8.0, 8.0, 0.0);
(653731.3, 4187425.1, 8.0, 8.0, 0.0); (653706.5, 4187424.5, 8.0, 8.0, 0.0);
(653854.9, 4187337.8, 8.1, 8.1, 0.0); (653876.7, 4187347.8, 8.1, 8.1, 0.0);
(653898.5, 4187357.9, 8.1, 8.1, 0.0); (653920.3, 4187367.9, 8.2, 8.2, 0.0);
(653942.1, 4187377.9, 8.2, 8.2, 0.0); (653964.0, 4187387.9, 8.2, 8.2, 0.0);
(653985.8, 4187397.9, 8.2, 8.2, 0.0); (654007.6, 4187407.9, 8.2, 8.2, 0.0);
(654029.4, 4187418.0, 8.2, 8.2, 0.0); (654051.2,

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4187428.0,       8.3,       8.3,       0.0);
     ( 654073.0, 4187438.0,       8.3,       8.3,       0.0);         ( 654094.9,
4187448.0,       8.3,       8.3,       0.0);
     ( 654116.7, 4187458.0,       8.4,       8.4,       0.0);         ( 654138.5,
4187468.0,       8.4,       8.4,       0.0);
     ( 654160.3, 4187478.1,       8.4,       8.4,       0.0);         ( 654182.1,
4187488.1,       8.4,       8.4,       0.0);
     ( 654203.9, 4187498.1,       8.4,       8.4,       0.0);         ( 654233.6,
4187530.8,       8.4,       8.4,       0.0);
     ( 654241.4, 4187553.5,       8.4,       8.4,       0.0);         ( 654249.3,
4187576.2,       8.4,       8.4,       0.0);
     ( 654257.1, 4187598.9,       8.4,       8.4,       0.0);         ( 654265.0,
4187621.5,       8.5,       8.5,       0.0);
     ( 654272.8, 4187644.2,       8.5,       8.5,       0.0);         ( 654280.7,
4187666.9,       8.5,       8.5,       0.0);
     ( 654288.5, 4187689.6,       8.5,       8.5,       0.0);         ( 654296.4,
4187712.3,       8.5,       8.5,       0.0);
     ( 654304.2, 4187735.0,       8.5,       8.5,       0.0);         ( 654312.1,
4187757.7,       8.5,       8.5,       0.0);
     ( 654319.9, 4187780.4,       8.5,       8.5,       0.0);         ( 654327.8,
4187803.0,       8.5,       8.5,       0.0);
     ( 654335.6, 4187825.7,       8.5,       8.5,       0.0);         ( 654343.5,
4187848.4,       8.5,       8.5,       0.0);
     ( 654351.3, 4187871.1,       8.5,       8.5,       0.0);         ( 654359.1,
4187893.8,       8.5,       8.5,       0.0);
     ( 653833.1, 4187327.8,       8.1,       8.1,       0.0);         ( 653808.3,
4187327.1,       8.1,       8.1,       0.0);
     ( 653783.5, 4187326.5,       8.1,       8.1,       0.0);         ( 653758.7,
4187325.8,       8.0,       8.0,       0.0);
     ( 653733.9, 4187325.2,       8.0,       8.0,       0.0);         ( 653709.2,
4187324.5,       8.0,       8.0,       0.0);
     ( 653857.8, 4187238.0,       8.1,       8.1,       0.0);         ( 653879.9,
4187248.1,       8.1,       8.1,       0.0);
     ( 653902.0, 4187258.3,       8.1,       8.1,       0.0);         ( 653924.1,
4187268.4,       8.1,       8.1,       0.0);
     ( 653946.2, 4187278.6,       8.2,       8.2,       0.0);         ( 653968.3,
4187288.7,       8.2,       8.2,       0.0);
     ( 653990.4, 4187298.9,       8.2,       8.2,       0.0);         ( 654012.5,
4187309.0,       8.2,       8.2,       0.0);
     ( 654034.6, 4187319.2,       8.3,       8.3,       0.0);         ( 654056.7,
4187329.3,       8.3,       8.3,       0.0);
     ( 654078.8, 4187339.5,       8.3,       8.3,       0.0);         ( 654100.9,
4187349.6,       8.3,       8.3,       0.0);
     ( 654123.0, 4187359.8,       8.4,       8.4,       0.0);         ( 654145.1,
4187369.9,       8.4,       8.4,       0.0);
     ( 654167.2, 4187380.0,       8.4,       8.4,       0.0);         ( 654189.3,
4187390.2,       8.4,       8.4,       0.0);
     ( 654211.4, 4187400.3,       8.4,       8.4,       0.0);         ( 654233.5,
4187410.5,       8.4,       8.4,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(654255.6, 4187420.6, 8.5, 8.5, 0.0); (654277.7, 4187430.8, 8.5, 8.5, 0.0);
(654307.8, 4187463.9, 8.5, 8.5, 0.0); (654315.7, 4187486.9, 8.5, 8.5, 0.0);
(654323.7, 4187509.9, 8.5, 8.5, 0.0); (654331.6, 4187532.9, 8.5, 8.5, 0.0);
(654339.6, 4187555.8, 8.5, 8.5, 0.0); (654347.5, 4187578.8, 8.5, 8.5, 0.0);
(654355.5, 4187601.8, 8.5, 8.5, 0.0); (654363.4, 4187624.8, 8.5, 8.5, 0.0);
(654371.4, 4187647.8, 8.5, 8.5, 0.0); (654379.3, 4187670.8, 8.5, 8.5, 0.0);
(654387.2, 4187693.7, 8.5, 8.5, 0.0); (654395.2, 4187716.7, 8.5, 8.5, 0.0);
(654403.2, 4187739.7, 8.5, 8.5, 0.0); (654411.1, 4187762.7, 8.5, 8.5, 0.0);
(654419.0, 4187785.7, 8.4, 8.4, 0.0); (654427.0, 4187808.6, 8.4, 8.4, 0.0);
(654434.9, 4187831.6, 8.4, 8.4, 0.0); (654442.9, 4187854.6, 8.4, 8.4, 0.0);
(654450.8, 4187877.6, 8.3, 8.3, 0.0); (654458.8, 4187900.6, 8.3, 8.3, 0.0);
(653835.7, 4187227.8, 8.1, 8.1, 0.0); (653810.9, 4187227.2, 8.1, 8.1, 0.0);
(653786.2, 4187226.5, 8.1, 8.1, 0.0); (653761.4, 4187225.9, 8.1, 8.1, 0.0);
(653736.6, 4187225.2, 8.1, 8.1, 0.0); (653711.8, 4187224.5, 8.1, 8.1, 0.0);
(653860.7, 4187138.1, 8.2, 8.2, 0.0); (653883.0, 4187148.4, 8.2, 8.2, 0.0);
(653905.3, 4187158.6, 8.2, 8.2, 0.0); (653927.6, 4187168.9, 8.2, 8.2, 0.0);
(653950.0, 4187179.1, 8.2, 8.2, 0.0); (653972.3, 4187189.3, 8.2, 8.2, 0.0);
(653994.6, 4187199.6, 8.2, 8.2, 0.0); (654016.9, 4187209.8, 8.2, 8.2, 0.0);
(654039.2, 4187220.1, 8.3, 8.3, 0.0); (654061.5, 4187230.3, 8.3, 8.3, 0.0);
(654083.8, 4187240.6, 8.4, 8.4, 0.0); (654106.1,

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4187250.8,       8.4,       8.4,       0.0);
     ( 654128.5, 4187261.0,       8.4,       8.4,       0.0);         ( 654150.8,
4187271.3,       8.4,       8.4,       0.0);
     ( 654173.1, 4187281.5,       8.4,       8.4,       0.0);         ( 654195.4,
4187291.8,       8.5,       8.5,       0.0);
     ( 654217.7, 4187302.0,       8.5,       8.5,       0.0);         ( 654240.0,
4187312.3,       8.5,       8.5,       0.0);
     ( 654262.3, 4187322.5,       8.5,       8.5,       0.0);         ( 654284.6,
4187332.8,       8.5,       8.5,       0.0);
     ( 654307.0, 4187343.0,       8.5,       8.5,       0.0);         ( 654329.3,
4187353.2,       8.5,       8.5,       0.0);
     ( 654351.6, 4187363.5,       8.5,       8.5,       0.0);         ( 654381.9,
4187396.9,       8.5,       8.5,       0.0);
     ( 654389.9, 4187420.1,       8.5,       8.5,       0.0);         ( 654398.0,
4187443.3,       8.5,       8.5,       0.0);
     ( 654406.0, 4187466.6,       8.5,       8.5,       0.0);         ( 654414.0,
4187489.8,       8.5,       8.5,       0.0);
     ( 654422.0, 4187513.0,       8.5,       8.5,       0.0);         ( 654430.1,
4187536.2,       8.5,       8.5,       0.0);
     ( 654438.1, 4187559.4,       8.5,       8.5,       0.0);         ( 654446.1,
4187582.6,       8.5,       8.5,       0.0);
     ( 654454.1, 4187605.8,       8.5,       8.5,       0.0);         ( 654462.2,
4187629.0,       8.4,       8.4,       0.0);
     ( 654470.2, 4187652.2,       8.4,       8.4,       0.0);         ( 654478.2,
4187675.4,       8.4,       8.4,       0.0);
     ( 654486.2, 4187698.6,       8.4,       8.4,       0.0);         ( 654494.3,
4187721.8,       8.4,       8.4,       0.0);
     ( 654502.3, 4187745.0,       8.4,       8.4,       0.0);         ( 654510.3,
4187768.2,       8.4,       8.4,       0.0);
     ( 654518.3, 4187791.4,       8.3,       8.3,       0.0);         ( 654526.4,
4187814.6,       8.3,       8.3,       0.0);
     ( 654534.4, 4187837.8,       8.4,       8.4,       0.0);         ( 654542.4,
4187861.0,       8.4,       8.4,       0.0);
     ( 654550.4, 4187884.2,       8.4,       8.4,       0.0);         ( 654558.5,
4187907.4,       8.4,       8.4,       0.0);
     ( 653838.4, 4187127.9,       8.2,       8.2,       0.0);         ( 653813.6,
4187127.2,       8.2,       8.2,       0.0);
     ( 653788.8, 4187126.5,       8.2,       8.2,       0.0);         ( 653764.1,
4187125.9,       8.2,       8.2,       0.0);
     ( 653739.3, 4187125.2,       8.2,       8.2,       0.0);         ( 653714.5,
4187124.6,       8.2,       8.2,       0.0);
     ( 653863.5, 4187038.2,       8.2,       8.2,       0.0);         ( 653886.0,
4187048.5,       8.2,       8.2,       0.0);
     ( 653908.5, 4187058.9,       8.2,       8.2,       0.0);         ( 653931.0,
4187069.2,       8.2,       8.2,       0.0);
     ( 653953.5, 4187079.5,       8.2,       8.2,       0.0);         ( 653975.9,
4187089.8,       8.2,       8.2,       0.0);
     ( 653998.4, 4187100.2,       8.2,       8.2,       0.0);         ( 654020.9,
4187110.5,       8.2,       8.2,       0.0);
     ( 654043.4, 4187120.8,       8.2,       8.2,       0.0);         ( 654065.8,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 654088.3, 4187141.4,       8.3,       8.3,       0.0);         ( 654110.8,
4187151.8,       8.4,       8.4,       0.0);
     ( 654133.3, 4187162.1,       8.4,       8.4,       0.0);         ( 654155.8,
4187172.4,       8.4,       8.4,       0.0);
     ( 654178.2, 4187182.7,       8.4,       8.4,       0.0);         ( 654200.7,
4187193.0,       8.4,       8.4,       0.0);
     ( 654223.2, 4187203.4,       8.5,       8.5,       0.0);         ( 654245.7,
4187213.7,       8.5,       8.5,       0.0);
     ( 654268.1, 4187224.0,       8.5,       8.5,       0.0);         ( 654290.6,
4187234.3,       8.5,       8.5,       0.0);
     ( 654313.1, 4187244.6,       8.5,       8.5,       0.0);         ( 654335.6,
4187255.0,       8.5,       8.5,       0.0);
     ( 654358.1, 4187265.3,       8.6,       8.6,       0.0);         ( 654380.5,
4187275.6,       8.6,       8.6,       0.0);
     ( 654403.0, 4187285.9,       8.6,       8.6,       0.0);         ( 654425.5,
4187296.2,       8.6,       8.6,       0.0);
     ( 654456.1, 4187329.9,       8.6,       8.6,       0.0);         ( 654464.1,
4187353.3,       8.6,       8.6,       0.0);
     ( 654472.2, 4187376.7,       8.6,       8.6,       0.0);         ( 654480.3,
4187400.1,       8.6,       8.6,       0.0);
     ( 654488.4, 4187423.4,       8.5,       8.5,       0.0);         ( 654496.5,
4187446.8,       8.5,       8.5,       0.0);
     ( 654504.6, 4187470.2,       8.5,       8.5,       0.0);         ( 654512.6,
4187493.6,       8.5,       8.5,       0.0);
     ( 654520.7, 4187516.9,       8.5,       8.5,       0.0);         ( 654528.8,
4187540.3,       8.5,       8.5,       0.0);
     ( 654536.9, 4187563.7,       8.5,       8.5,       0.0);         ( 654545.0,
4187587.1,       8.4,       8.4,       0.0);
     ( 654553.1, 4187610.4,       8.4,       8.4,       0.0);         ( 654561.1,
4187633.8,       8.4,       8.4,       0.0);
     ( 654569.2, 4187657.2,       8.4,       8.4,       0.0);         ( 654577.3,
4187680.6,       8.4,       8.4,       0.0);
     ( 654585.4, 4187703.9,       8.4,       8.4,       0.0);         ( 654593.5,
4187727.3,       8.4,       8.4,       0.0);
     ( 654601.6, 4187750.7,       8.3,       8.3,       0.0);         ( 654609.7,
4187774.1,       8.3,       8.3,       0.0);
     ( 654617.7, 4187797.4,       8.4,       8.4,       0.0);         ( 654625.8,
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4187820.8,   8.4,   8.4,   0.0);
     (654633.9, 4187844.2,   8.4,   8.4,   0.0);   (654642.0,
4187867.6,   8.4,   8.4,   0.0);
     (654650.1, 4187890.9,   8.4,   8.4,   0.0);   (654658.2,
4187914.3,   8.4,   8.4,   0.0);
     (653841.1, 4187027.9,   8.2,   8.2,   0.0);   (653816.3,
4187027.2,   8.2,   8.2,   0.0);
     (653791.5, 4187026.6,   8.2,   8.2,   0.0);   (653766.7,
4187025.9,   8.3,   8.3,   0.0);
     (653742.0, 4187025.3,   8.3,   8.3,   0.0);   (653717.2,
4187024.6,   8.3,   8.3,   0.0);
     (653870.2, 4186788.3,   8.3,   8.3,   0.0);   (653892.6,
4186798.6,   8.3,   8.3,   0.0);
     (653915.1, 4186808.9,   8.3,   8.3,   0.0);   (653937.5,
4186819.2,   8.3,   8.3,   0.0);
     (653959.9, 4186829.5,   8.3,   8.3,   0.0);   (653982.4,
4186839.8,   8.2,   8.2,   0.0);
     (654004.8, 4186850.1,   8.2,   8.2,   0.0);   (654027.3,
4186860.4,   8.2,   8.2,   0.0);
     (654049.7, 4186870.7,   8.2,   8.2,   0.0);   (654072.1,
4186881.0,   8.2,   8.2,   0.0);
     (654094.6, 4186891.3,   8.2,   8.2,   0.0);   (654117.0,
4186901.6,   8.2,   8.2,   0.0);
     (654139.5, 4186911.9,   8.2,   8.2,   0.0);   (654161.9,
4186922.2,   8.2,   8.2,   0.0);
     (654184.3, 4186932.5,   8.2,   8.2,   0.0);   (654206.8,
4186942.8,   8.3,   8.3,   0.0);
     (654229.2, 4186953.1,   8.3,   8.3,   0.0);   (654251.7,
4186963.4,   8.3,   8.3,   0.0);
     (654274.1, 4186973.8,   8.4,   8.4,   0.0);   (654296.5,
4186984.1,   8.4,   8.4,   0.0);
     (654319.0, 4186994.4,   8.4,   8.4,   0.0);   (654341.4,
4187004.7,   8.4,   8.4,   0.0);
     (654363.9, 4187015.0,   8.5,   8.5,   0.0);   (654386.3,
4187025.3,   8.5,   8.5,   0.0);
     (654408.7, 4187035.6,   8.5,   8.5,   0.0);   (654431.2,
4187045.9,   8.6,   8.6,   0.0);
     (654453.6, 4187056.2,   8.6,   8.6,   0.0);   (654476.1,
4187066.5,   8.7,   8.7,   0.0);
     (654498.5, 4187076.8,   8.7,   8.7,   0.0);   (654520.9,
4187087.1,   8.8,   8.8,   0.0);
     (654543.4, 4187097.4,   8.9,   8.9,   0.0);   (654565.8,
4187107.7,   8.9,   8.9,   0.0);
     (654588.3, 4187118.0,   8.9,   8.9,   0.0);   (654610.7,
4187128.3,   9.0,   9.0,   0.0);
     (654641.2, 4187161.9,   8.9,   8.9,   0.0);   (654649.3,
4187185.3,   8.9,   8.9,   0.0);
     (654657.4, 4187208.6,   8.9,   8.9,   0.0);   (654665.4,
4187231.9,   8.8,   8.8,   0.0);
     (654673.5, 4187255.3,   8.8,   8.8,   0.0);   (654681.6,

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (654705.8, 4187348.6,   8.7,   8.7,   0.0);   (654713.9,
4187372.0,   8.7,   8.7,   0.0);
     (654721.9, 4187395.3,   8.7,   8.7,   0.0);   (654730.0,
4187418.6,   8.7,   8.7,   0.0);
     (654738.1, 4187442.0,   8.7,   8.7,   0.0);   (654746.1,
4187465.3,   8.7,   8.7,   0.0);
     (654754.2, 4187488.6,   8.6,   8.6,   0.0);   (654762.3,
4187512.0,   8.6,   8.6,   0.0);
     (654770.3, 4187535.3,   8.6,   8.6,   0.0);   (654778.4,
4187558.7,   8.5,   8.5,   0.0);
     (654786.5, 4187582.0,   8.5,   8.5,   0.0);   (654794.6,
4187605.3,   8.5,   8.5,   0.0);
     (654802.6, 4187628.7,   8.7,   8.7,   0.0);   (654810.7,
4187652.0,   8.9,   8.9,   0.0);
     (654818.8, 4187675.3,   9.1,   9.1,   0.0);   (654826.8,
4187698.7,   9.1,   9.1,   0.0);
     (654834.9, 4187722.0,   9.2,   9.2,   0.0);   (654843.0,
4187745.3,   9.3,   9.3,   0.0);
     (654851.0, 4187768.7,   9.4,   9.4,   0.0);   (654859.1,
4187792.0,   9.5,   9.5,   0.0);
     (654867.2, 4187815.3,   9.6,   9.6,   0.0);   (654875.3,
4187838.7,   9.7,   9.7,   0.0);
     (654883.3, 4187862.0,   9.8,   9.8,   0.0);   (654891.4,
4187885.4,   9.9,   9.9,   0.0);
     (654899.5, 4187908.7,   9.9,   9.9,   0.0);   (654907.5,
4187932.0,   10.0,   10.0,   0.0);
     (653847.7, 4186778.0,   8.2,   8.2,   0.0);   (653823.0,
4186777.3,   8.2,   8.2,   0.0);
     (653798.2, 4186776.7,   8.2,   8.2,   0.0);   (653773.4,
4186776.0,   8.1,   8.1,   0.0);
     (653748.6, 4186775.3,   8.1,   8.1,   0.0);   (653723.9,
4186774.7,   8.0,   8.0,   0.0);
     (653876.8, 4186538.4,   8.2,   8.2,   0.0);   (653899.2,
4186548.7,   8.2,   8.2,   0.0);
     (653921.7, 4186559.0,   8.2,   8.2,   0.0);   (653944.1,

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4186569.3,       8.3,       8.3,       0.0);
     ( 653966.5, 4186579.5,       8.3,       8.3,       0.0);         ( 653988.9,
4186589.8,       8.3,       8.3,       0.0);
     ( 654011.3, 4186600.1,       8.3,       8.3,       0.0);         ( 654033.8,
4186610.4,       8.4,       8.4,       0.0);
     ( 654056.2, 4186620.7,       8.4,       8.4,       0.0);         ( 654078.6,
4186631.0,       8.4,       8.4,       0.0);
     ( 654101.0, 4186641.3,       8.4,       8.4,       0.0);         ( 654123.4,
4186651.6,       8.4,       8.4,       0.0);
     ( 654145.8, 4186661.9,       8.5,       8.5,       0.0);         ( 654168.2,
4186672.2,       8.5,       8.5,       0.0);
     ( 654190.7, 4186682.5,       8.5,       8.5,       0.0);         ( 654213.1,
4186692.8,       8.4,       8.4,       0.0);
     ( 654235.5, 4186703.1,       8.4,       8.4,       0.0);         ( 654257.9,
4186713.3,       8.4,       8.4,       0.0);
     ( 654280.3, 4186723.6,       8.4,       8.4,       0.0);         ( 654302.7,
4186733.9,       8.4,       8.4,       0.0);
     ( 654325.2, 4186744.2,       8.4,       8.4,       0.0);         ( 654347.6,
4186754.5,       8.4,       8.4,       0.0);
     ( 654370.0, 4186764.8,       8.5,       8.5,       0.0);         ( 654392.4,
4186775.1,       8.5,       8.5,       0.0);
     ( 654414.8, 4186785.4,       8.6,       8.6,       0.0);         ( 654437.2,
4186795.7,       8.7,       8.7,       0.0);
     ( 654459.7, 4186806.0,       8.7,       8.7,       0.0);         ( 654482.1,
4186816.3,       8.8,       8.8,       0.0);
     ( 654504.5, 4186826.6,       8.9,       8.9,       0.0);         ( 654526.9,
4186836.8,       9.0,       9.0,       0.0);
     ( 654549.3, 4186847.1,       9.1,       9.1,       0.0);         ( 654571.7,
4186857.4,       9.2,       9.2,       0.0);
     ( 654594.2, 4186867.7,       9.2,       9.2,       0.0);         ( 654616.6,
4186878.0,       9.4,       9.4,       0.0);
     ( 654639.0, 4186888.3,       9.5,       9.5,       0.0);         ( 654661.4,
4186898.6,       9.6,       9.6,       0.0);
     ( 654683.8, 4186908.9,       9.7,       9.7,       0.0);         ( 654706.2,
4186919.2,       9.7,       9.7,       0.0);
     ( 654728.7, 4186929.5,       9.8,       9.8,       0.0);         ( 654751.1,
4186939.8,       9.9,       9.9,       0.0);
     ( 654773.5, 4186950.1,       9.9,       9.9,       0.0);         ( 654795.9,
4186960.4,       9.9,       9.9,       0.0);
     ( 654826.4, 4186994.0,       9.8,       9.8,       0.0);         ( 654834.4,
4187017.3,       9.7,       9.7,       0.0);
     ( 654842.5, 4187040.6,       9.7,       9.7,       0.0);         ( 654850.6,
4187063.9,       9.5,       9.5,       0.0);
     ( 654858.6, 4187087.2,       9.4,       9.4,       0.0);         ( 654866.7,
4187110.5,       9.3,       9.3,       0.0);
     ( 654874.8, 4187133.8,       9.2,       9.2,       0.0);         ( 654882.8,
4187157.1,       9.2,       9.2,       0.0);
     ( 654890.9, 4187180.4,       9.1,       9.1,       0.0);         ( 654898.9,
4187203.8,       9.0,       9.0,       0.0);
     ( 654907.0, 4187227.1,       8.9,       8.9,       0.0);         ( 654915.1,
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4187250.4,   8.7,   8.7,   0.0);
     (654923.1, 4187273.7,   8.6,   8.6,   0.0);   (654931.2,
4187297.0,   8.7,   8.7,   0.0);
     (654939.2, 4187320.3,   8.7,   8.7,   0.0);   (654947.3,
4187343.6,   8.7,   8.7,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (654955.4, 4187366.9,   8.7,   8.7,   0.0);   (654963.4,
4187390.3,   8.6,   8.6,   0.0);
     (654971.5, 4187413.6,   8.6,   8.6,   0.0);   (654979.6,
4187436.9,   8.5,   8.5,   0.0);
     (654987.6, 4187460.2,   8.6,   8.6,   0.0);   (654995.7,
4187483.5,   8.5,   8.5,   0.0);
     (655003.7, 4187506.8,   8.5,   8.5,   0.0);   (655011.8,
4187530.1,   8.6,   8.6,   0.0);
     (655019.9, 4187553.4,   8.9,   8.9,   0.0);   (655027.9,
4187576.8,   9.2,   9.2,   0.0);
     (655036.0, 4187600.1,   9.5,   9.5,   0.0);   (655044.1,
4187623.4,   9.6,   9.6,   0.0);
     (655052.1, 4187646.7,   9.8,   9.8,   0.0);   (655060.2,
4187670.0,   9.9,   9.9,   0.0);
     (655068.2, 4187693.3,   9.9,   9.9,   0.0);   (655076.3,
4187716.6,   9.9,   9.9,   0.0);
     (655084.4, 4187739.9,   9.9,   9.9,   0.0);   (655092.4,
4187763.2,   9.9,   9.9,   0.0);
     (655100.5, 4187786.5,   9.8,   9.8,   0.0);   (655108.6,
4187809.9,   9.8,   9.8,   0.0);
     (655116.6, 4187833.2,   9.8,   9.8,   0.0);   (655124.7,
4187856.5,   9.7,   9.7,   0.0);
     (655132.7, 4187879.8,   9.7,   9.7,   0.0);   (655140.8,
4187903.1,   9.7,   9.7,   0.0);
     (655148.9, 4187926.4,   9.7,   9.7,   0.0);   (655156.9,
4187949.7,   9.6,   9.6,   0.0);
     (653854.4, 4186528.1,   8.2,   8.2,   0.0);   (653829.6,
4186527.4,   8.1,   8.1,   0.0);
     (653804.9, 4186526.8,   8.1,   8.1,   0.0);   (653780.1,
4186526.1,   8.1,   8.1,   0.0);
     (653755.3, 4186525.4,   8.0,   8.0,   0.0);   (653730.5,
4186524.8,   8.0,   8.0,   0.0);
     (653883.5, 4186288.5,   8.3,   8.3,   0.0);   (653905.9,

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4186298.8,       8.4,       8.4,       0.0);
     ( 653928.3, 4186309.0,       8.4,       8.4,       0.0);         ( 653950.7,
4186319.3,       8.4,       8.4,       0.0);
     ( 653973.1, 4186329.6,       8.5,       8.5,       0.0);         ( 653995.5,
4186339.9,       8.5,       8.5,       0.0);
     ( 654017.9, 4186350.2,       8.5,       8.5,       0.0);         ( 654040.3,
4186360.5,       8.5,       8.5,       0.0);
     ( 654062.7, 4186370.7,       8.5,       8.5,       0.0);         ( 654085.1,
4186381.0,       8.5,       8.5,       0.0);
     ( 654107.5, 4186391.3,       8.5,       8.5,       0.0);         ( 654129.9,
4186401.6,       8.5,       8.5,       0.0);
     ( 654152.3, 4186411.9,       8.6,       8.6,       0.0);         ( 654174.7,
4186422.2,       8.6,       8.6,       0.0);
     ( 654197.1, 4186432.4,       8.6,       8.6,       0.0);         ( 654219.5,
4186442.7,       8.6,       8.6,       0.0);
     ( 654241.9, 4186453.0,       8.6,       8.6,       0.0);         ( 654264.3,
4186463.3,       8.7,       8.7,       0.0);
     ( 654286.7, 4186473.6,       8.7,       8.7,       0.0);         ( 654309.1,
4186483.9,       8.7,       8.7,       0.0);
     ( 654331.5, 4186494.2,       8.7,       8.7,       0.0);         ( 654353.9,
4186504.4,       8.8,       8.8,       0.0);
     ( 654376.3, 4186514.7,       8.8,       8.8,       0.0);         ( 654398.7,
4186525.0,       8.8,       8.8,       0.0);
     ( 654421.1, 4186535.3,       8.9,       8.9,       0.0);         ( 654443.5,
4186545.6,       8.9,       8.9,       0.0);
     ( 654465.9, 4186555.9,       8.9,       8.9,       0.0);         ( 654488.3,
4186566.1,       9.0,       9.0,       0.0);
     ( 654510.7, 4186576.4,       9.0,       9.0,       0.0);         ( 654533.1,
4186586.7,       9.0,       9.0,       0.0);
     ( 654555.5, 4186597.0,       9.1,       9.1,       0.0);         ( 654577.9,
4186607.3,       9.1,       9.1,       0.0);
     ( 654600.3, 4186617.6,       9.2,       9.2,       0.0);         ( 654622.7,
4186627.9,       9.2,       9.2,       0.0);
     ( 654645.1, 4186638.1,       9.2,       9.2,       0.0);         ( 654667.5,
4186648.4,       9.3,       9.3,       0.0);
     ( 654689.9, 4186658.7,       9.3,       9.3,       0.0);         ( 654712.3,
4186669.0,       9.4,       9.4,       0.0);
     ( 654734.7, 4186679.3,       9.5,       9.5,       0.0);         ( 654757.1,
4186689.6,       9.5,       9.5,       0.0);
     ( 654779.5, 4186699.8,       9.6,       9.6,       0.0);         ( 654801.9,
4186710.1,       9.6,       9.6,       0.0);
     ( 654824.3, 4186720.4,       9.7,       9.7,       0.0);         ( 654846.7,
4186730.7,       9.7,       9.7,       0.0);
     ( 654869.1, 4186741.0,       9.7,       9.7,       0.0);         ( 654891.5,
4186751.3,       9.8,       9.8,       0.0);
     ( 654913.9, 4186761.5,       9.8,       9.8,       0.0);         ( 654936.3,
4186771.8,       9.8,       9.8,       0.0);
     ( 654958.7, 4186782.1,       9.9,       9.9,       0.0);         ( 654981.1,
4186792.4,       9.9,       9.9,       0.0);
     ( 655011.6, 4186826.0,       9.9,       9.9,       0.0);         ( 655019.6,
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4186849.3,   9.9,   9.9,   0.0);
     (655027.7, 4186872.6,   9.9,   9.9,   0.0);   (655035.7,
4186895.9,   9.9,   9.9,   0.0);
     (655043.8, 4186919.2,   9.8,   9.8,   0.0);   (655051.8,
4186942.5,   9.8,   9.8,   0.0);
     (655059.9, 4186965.8,   9.7,   9.7,   0.0);   (655068.0,
4186989.0,   9.6,   9.6,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (655076.0, 4187012.3,   9.6,   9.6,   0.0);   (655084.1,
4187035.6,   9.5,   9.5,   0.0);
     (655092.1, 4187058.9,   9.5,   9.5,   0.0);   (655100.2,
4187082.2,   9.4,   9.4,   0.0);
     (655108.2, 4187105.5,   9.4,   9.4,   0.0);   (655116.3,
4187128.8,   9.4,   9.4,   0.0);
     (655124.3, 4187152.1,   9.3,   9.3,   0.0);   (655132.4,
4187175.4,   9.3,   9.3,   0.0);
     (655140.5, 4187198.7,   9.3,   9.3,   0.0);   (655148.5,
4187222.0,   9.3,   9.3,   0.0);
     (655156.6, 4187245.3,   9.3,   9.3,   0.0);   (655164.6,
4187268.6,   9.4,   9.4,   0.0);
     (655172.7, 4187291.9,   9.4,   9.4,   0.0);   (655180.7,
4187315.2,   9.5,   9.5,   0.0);
     (655188.8, 4187338.5,   9.6,   9.6,   0.0);   (655196.8,
4187361.8,   9.7,   9.7,   0.0);
     (655204.9, 4187385.1,   9.7,   9.7,   0.0);   (655213.0,
4187408.3,   9.7,   9.7,   0.0);
     (655221.0, 4187431.6,   9.8,   9.8,   0.0);   (655229.1,
4187454.9,   9.8,   9.8,   0.0);
     (655237.1, 4187478.2,   9.8,   9.8,   0.0);   (655245.2,
4187501.5,   9.8,   9.8,   0.0);
     (655253.2, 4187524.8,   9.9,   9.9,   0.0);   (655261.3,
4187548.1,   9.8,   9.8,   0.0);
     (655269.4, 4187571.4,   9.7,   9.7,   0.0);   (655277.4,
4187594.7,   9.6,   9.6,   0.0);
     (655285.5, 4187618.0,   9.6,   9.6,   0.0);   (655293.5,
4187641.3,   9.6,   9.6,   0.0);
     (655301.6, 4187664.6,   9.6,   9.6,   0.0);   (655309.6,
4187687.9,   9.7,   9.7,   0.0);
     (655317.7, 4187711.2,   9.7,   9.7,   0.0);   (655325.7,

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4187734.5,       9.7,       9.7,       0.0);
     ( 655333.8, 4187757.8,       9.7,       9.7,       0.0);         ( 655341.9,
4187781.1,       9.7,       9.7,       0.0);
     ( 655349.9, 4187804.4,       9.8,       9.8,       0.0);         ( 655358.0,
4187827.6,       9.8,       9.8,       0.0);
     ( 655366.0, 4187850.9,       9.8,       9.8,       0.0);         ( 655374.1,
4187874.2,       9.8,       9.8,       0.0);
     ( 655382.1, 4187897.5,       9.7,       9.7,       0.0);         ( 655390.2,
4187920.8,       9.7,       9.7,       0.0);
     ( 655398.2, 4187944.1,       9.8,       9.8,       0.0);         ( 655406.3,
4187967.4,       9.8,       9.8,       0.0);
     ( 653861.1, 4186278.2,       8.3,       8.3,       0.0);         ( 653836.3,
4186277.5,       8.2,       8.2,       0.0);
     ( 653811.5, 4186276.9,       8.2,       8.2,       0.0);         ( 653786.8,
4186276.2,       8.1,       8.1,       0.0);
     ( 653762.0, 4186275.5,       8.1,       8.1,       0.0);         ( 653737.2,
4186274.9,       8.1,       8.1,       0.0);
     ( 653890.2, 4186038.5,       8.3,       8.3,       0.0);         ( 653912.6,
4186048.8,       8.3,       8.3,       0.0);
     ( 653934.9, 4186059.1,       8.3,       8.3,       0.0);         ( 653957.3,
4186069.4,       8.3,       8.3,       0.0);
     ( 653979.7, 4186079.7,       8.3,       8.3,       0.0);         ( 654002.1,
4186089.9,       8.3,       8.3,       0.0);
     ( 654024.5, 4186100.2,       8.4,       8.4,       0.0);         ( 654046.9,
4186110.5,       8.4,       8.4,       0.0);
     ( 654069.3, 4186120.8,       8.4,       8.4,       0.0);         ( 654091.7,
4186131.1,       8.4,       8.4,       0.0);
     ( 654114.0, 4186141.3,       8.4,       8.4,       0.0);         ( 654136.4,
4186151.6,       8.4,       8.4,       0.0);
     ( 654158.8, 4186161.9,       8.5,       8.5,       0.0);         ( 654181.2,
4186172.2,       8.5,       8.5,       0.0);
     ( 654203.6, 4186182.5,       8.5,       8.5,       0.0);         ( 654226.0,
4186192.7,       8.6,       8.6,       0.0);
     ( 654248.4, 4186203.0,       8.6,       8.6,       0.0);         ( 654270.8,
4186213.3,       8.7,       8.7,       0.0);
     ( 654293.2, 4186223.6,       8.7,       8.7,       0.0);         ( 654315.5,
4186233.8,       8.8,       8.8,       0.0);
     ( 654337.9, 4186244.1,       8.8,       8.8,       0.0);         ( 654360.3,
4186254.4,       8.9,       8.9,       0.0);
     ( 654382.7, 4186264.7,       8.9,       8.9,       0.0);         ( 654405.1,
4186275.0,       9.0,       9.0,       0.0);
     ( 654427.5, 4186285.2,       9.0,       9.0,       0.0);         ( 654449.9,
4186295.5,       9.1,       9.1,       0.0);
     ( 654472.2, 4186305.8,       9.2,       9.2,       0.0);         ( 654494.6,
4186316.1,       9.3,       9.3,       0.0);
     ( 654517.0, 4186326.4,       9.5,       9.5,       0.0);         ( 654539.4,
4186336.6,       9.6,       9.6,       0.0);
     ( 654561.8, 4186346.9,       9.7,       9.7,       0.0);         ( 654584.2,
4186357.2,       9.5,       9.5,       0.0);
     ( 654606.6, 4186367.5,       9.4,       9.4,       0.0);         ( 654629.0,
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4186377.8, 9.3, 9.3, 0.0);
     (654651.4, 4186388.0, 9.3, 9.3, 0.0); (654673.8,
4186398.3, 9.2, 9.2, 0.0);
     (654696.1, 4186408.6, 9.2, 9.2, 0.0); (654718.5,
4186418.9, 9.2, 9.2, 0.0);
     (654740.9, 4186429.2, 9.3, 9.3, 0.0); (654763.3,
4186439.4, 9.3, 9.3, 0.0);
     (654785.7, 4186449.7, 9.4, 9.4, 0.0); (654808.1,
4186460.0, 9.5, 9.5, 0.0);

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

     (654830.5, 4186470.3, 9.6, 9.6, 0.0); (654852.9,
4186480.5, 9.7, 9.7, 0.0);
     (654875.2, 4186490.8, 9.7, 9.7, 0.0); (654897.6,
4186501.1, 9.7, 9.7, 0.0);
     (654920.0, 4186511.4, 9.7, 9.7, 0.0); (654942.4,
4186521.7, 9.7, 9.7, 0.0);
     (654964.8, 4186531.9, 9.7, 9.7, 0.0); (654987.2,
4186542.2, 9.7, 9.7, 0.0);
     (655009.6, 4186552.5, 9.7, 9.7, 0.0); (655032.0,
4186562.8, 9.7, 9.7, 0.0);
     (655054.4, 4186573.1, 9.7, 9.7, 0.0); (655076.7,
4186583.3, 9.8, 9.8, 0.0);
     (655099.1, 4186593.6, 9.8, 9.8, 0.0); (655121.5,
4186603.9, 9.8, 9.8, 0.0);
     (655143.9, 4186614.2, 9.8, 9.8, 0.0); (655166.3,
4186624.5, 9.9, 9.9, 0.0);
     (655196.7, 4186658.0, 9.9, 9.9, 0.0); (655204.8,
4186681.3, 9.9, 9.9, 0.0);
     (655212.8, 4186704.6, 9.9, 9.9, 0.0); (655220.9,
4186727.9, 9.9, 9.9, 0.0);
     (655228.9, 4186751.1, 9.9, 9.9, 0.0); (655237.0,
4186774.4, 9.9, 9.9, 0.0);
     (655245.0, 4186797.7, 9.9, 9.9, 0.0); (655253.1,
4186821.0, 9.9, 9.9, 0.0);
     (655261.1, 4186844.3, 9.8, 9.8, 0.0); (655269.2,
4186867.6, 9.8, 9.8, 0.0);
     (655277.2, 4186890.8, 9.8, 9.8, 0.0); (655285.3,
4186914.1, 9.7, 9.7, 0.0);
     (655293.4, 4186937.4, 9.7, 9.7, 0.0); (655301.4,

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4186960.7,       9.7,       9.7,       0.0);
     ( 655309.5, 4186984.0,       9.7,       9.7,       0.0);         ( 655317.5,
4187007.2,       9.6,       9.6,       0.0);
     ( 655325.6, 4187030.5,       9.6,       9.6,       0.0);         ( 655333.6,
4187053.8,       9.7,       9.7,       0.0);
     ( 655341.7, 4187077.1,       9.7,       9.7,       0.0);         ( 655349.7,
4187100.4,       9.7,       9.7,       0.0);
     ( 655357.8, 4187123.7,       9.7,       9.7,       0.0);         ( 655365.8,
4187146.9,       9.8,       9.8,       0.0);
     ( 655373.9, 4187170.2,       9.8,       9.8,       0.0);         ( 655381.9,
4187193.5,       9.8,       9.8,       0.0);
     ( 655390.0, 4187216.8,       9.8,       9.8,       0.0);         ( 655398.0,
4187240.1,       9.8,       9.8,       0.0);
     ( 655406.1, 4187263.4,       9.8,       9.8,       0.0);         ( 655414.1,
4187286.6,       9.8,       9.8,       0.0);
     ( 655422.2, 4187309.9,       9.8,       9.8,       0.0);         ( 655430.2,
4187333.2,       9.9,       9.9,       0.0);
     ( 655438.3, 4187356.5,       9.9,       9.9,       0.0);         ( 655446.3,
4187379.8,       9.9,       9.9,       0.0);
     ( 655454.4, 4187403.0,       9.9,       9.9,       0.0);         ( 655462.4,
4187426.3,       9.9,       9.9,       0.0);
     ( 655470.5, 4187449.6,       9.9,       9.9,       0.0);         ( 655478.5,
4187472.9,       9.9,       9.9,       0.0);
     ( 655486.6, 4187496.2,       9.9,       9.9,       0.0);         ( 655494.6,
4187519.5,       9.9,       9.9,       0.0);
     ( 655502.7, 4187542.7,       9.9,       9.9,       0.0);         ( 655510.8,
4187566.0,       9.9,       9.9,       0.0);
     ( 655518.8, 4187589.3,       9.9,       9.9,       0.0);         ( 655526.9,
4187612.6,       9.9,       9.9,       0.0);
     ( 655534.9, 4187635.9,       9.9,       9.9,       0.0);         ( 655543.0,
4187659.2,       9.9,       9.9,       0.0);
     ( 655551.0, 4187682.4,       9.9,       9.9,       0.0);         ( 655559.1,
4187705.7,       9.9,       9.9,       0.0);
     ( 655567.1, 4187729.0,       9.9,       9.9,       0.0);         ( 655575.2,
4187752.3,       9.9,       9.9,       0.0);
     ( 655583.2, 4187775.6,       9.9,       9.9,       0.0);         ( 655591.3,
4187798.8,      10.0,      10.0,       0.0);
     ( 655599.3, 4187822.1,      10.0,      10.0,       0.0);         ( 655607.4,
4187845.4,      10.0,      10.0,       0.0);
     ( 655615.4, 4187868.7,      10.0,      10.0,       0.0);         ( 655623.5,
4187892.0,      10.0,      10.0,       0.0);
     ( 655631.5, 4187915.3,      10.0,      10.0,       0.0);         ( 655639.6,
4187938.5,      10.0,      10.0,       0.0);
     ( 655647.6, 4187961.8,      10.0,      10.0,       0.0);         ( 655655.7,
4187985.1,      10.0,      10.0,       0.0);
     ( 653867.8, 4186028.3,       8.3,       8.3,       0.0);         ( 653843.0,
4186027.6,       8.3,       8.3,       0.0);
     ( 653818.2, 4186026.9,       8.3,       8.3,       0.0);         ( 653793.4,
4186026.3,       8.3,       8.3,       0.0);
     ( 653768.7, 4186025.6,       8.3,       8.3,       0.0);         ( 653743.9,
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4186025.0,   8.4,   8.4,   0.0);
     (653903.5, 4185538.7,   7.3,   7.3,   0.0);   (653925.9,
4185549.0,   7.4,   7.4,   0.0);
     (653948.2, 4185559.3,   7.5,   7.5,   0.0);   (653970.6,
4185569.5,   7.6,   7.6,   0.0);
     (653993.0, 4185579.8,   7.7,   7.7,   0.0);   (654015.4,
4185590.1,   7.7,   7.7,   0.0);
     (654037.7, 4185600.3,   7.8,   7.8,   0.0);   (654060.1,
4185610.6,   7.9,   7.9,   0.0);
     (654082.5, 4185620.9,   8.0,   8.0,   0.0);   (654104.8,
4185631.2,   8.0,   8.0,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (654127.2, 4185641.4,   8.1,   8.1,   0.0);   (654149.6,
4185651.7,   8.2,   8.2,   0.0);
     (654172.0, 4185662.0,   8.3,   8.3,   0.0);   (654194.3,
4185672.2,   8.3,   8.3,   0.0);
     (654216.7, 4185682.5,   8.4,   8.4,   0.0);   (654239.1,
4185692.8,   8.4,   8.4,   0.0);
     (654261.5, 4185703.1,   8.4,   8.4,   0.0);   (654283.8,
4185713.3,   8.5,   8.5,   0.0);
     (654306.2, 4185723.6,   8.5,   8.5,   0.0);   (654328.6,
4185733.9,   8.5,   8.5,   0.0);
     (654350.9, 4185744.1,   8.6,   8.6,   0.0);   (654373.3,
4185754.4,   8.6,   8.6,   0.0);
     (654395.7, 4185764.7,   8.6,   8.6,   0.0);   (654418.1,
4185775.0,   8.7,   8.7,   0.0);
     (654440.4, 4185785.2,   8.7,   8.7,   0.0);   (654462.8,
4185795.5,   8.7,   8.7,   0.0);
     (654485.2, 4185805.8,   8.8,   8.8,   0.0);   (654507.5,
4185816.1,   8.8,   8.8,   0.0);
     (654529.9, 4185826.3,   8.9,   8.9,   0.0);   (654552.3,
4185836.6,   9.0,   9.0,   0.0);
     (654574.7, 4185846.9,   9.0,   9.0,   0.0);   (654597.0,
4185857.1,   9.1,   9.1,   0.0);
     (654619.4, 4185867.4,   9.1,   9.1,   0.0);   (654641.8,
4185877.7,   9.2,   9.2,   0.0);
     (654664.2, 4185888.0,   9.2,   9.2,   0.0);   (654686.5,
4185898.2,   9.3,   9.3,   0.0);
     (654708.9, 4185908.5,   9.3,   9.3,   0.0);   (654731.3,

```
4185918.8,       9.4,       9.4,       0.0);
     ( 654753.6, 4185929.0,       9.4,       9.4,       0.0);         ( 654776.0,
4185939.3,       9.5,       9.5,       0.0);
     ( 654798.4, 4185949.6,       9.5,       9.5,       0.0);         ( 654820.8,
4185959.9,       9.6,       9.6,       0.0);
     ( 654843.1, 4185970.1,       9.6,       9.6,       0.0);         ( 654865.5,
4185980.4,       9.7,       9.7,       0.0);
     ( 654887.9, 4185990.7,       9.7,       9.7,       0.0);         ( 654910.2,
4186000.9,       9.8,       9.8,       0.0);
     ( 654932.6, 4186011.2,       9.8,       9.8,       0.0);         ( 654955.0,
4186021.5,       9.9,       9.9,       0.0);
     ( 654977.4, 4186031.8,       9.9,       9.9,       0.0);         ( 654999.7,
4186042.0,       9.9,       9.9,       0.0);
     ( 655022.1, 4186052.3,       9.9,       9.9,       0.0);         ( 655044.5,
4186062.6,       9.9,       9.9,       0.0);
     ( 655066.9, 4186072.8,       9.9,       9.9,       0.0);         ( 655089.2,
4186083.1,       9.9,       9.9,       0.0);
     ( 655111.6, 4186093.4,       9.9,       9.9,       0.0);         ( 655134.0,
4186103.7,       9.9,       9.9,       0.0);
     ( 655156.3, 4186113.9,       9.9,       9.9,       0.0);         ( 655178.7,
4186124.2,       9.9,       9.9,       0.0);
     ( 655201.1, 4186134.5,       9.9,       9.9,       0.0);         ( 655223.5,
4186144.8,       9.9,       9.9,       0.0);
     ( 655245.8, 4186155.0,      10.0,      10.0,       0.0);         ( 655268.2,
4186165.3,      10.0,      10.0,       0.0);
     ( 655290.6, 4186175.6,      10.0,      10.0,       0.0);         ( 655312.9,
4186185.8,      10.1,      10.1,       0.0);
     ( 655335.3, 4186196.1,      10.0,      10.0,       0.0);         ( 655357.7,
4186206.4,      10.0,      10.0,       0.0);
     ( 655380.1, 4186216.6,      10.0,      10.0,       0.0);         ( 655402.4,
4186226.9,      10.0,      10.0,       0.0);
     ( 655424.8, 4186237.2,      10.0,      10.0,       0.0);         ( 655447.2,
4186247.5,       9.9,       9.9,       0.0);
     ( 655469.5, 4186257.7,       9.9,       9.9,       0.0);         ( 655491.9,
4186268.0,       9.9,       9.9,       0.0);
     ( 655514.3, 4186278.3,       9.9,       9.9,       0.0);         ( 655536.7,
4186288.5,       9.9,       9.9,       0.0);
     ( 655567.1, 4186322.1,       9.9,       9.9,       0.0);         ( 655575.1,
4186345.4,       9.9,       9.9,       0.0);
     ( 655583.2, 4186368.6,       9.9,       9.9,       0.0);         ( 655591.2,
4186391.9,       9.9,       9.9,       0.0);
     ( 655599.3, 4186415.1,       9.9,       9.9,       0.0);         ( 655607.3,
4186438.4,      10.0,      10.0,       0.0);
     ( 655615.4, 4186461.7,      10.0,      10.0,       0.0);         ( 655623.4,
4186484.9,      10.0,      10.0,       0.0);
     ( 655631.5, 4186508.2,      10.1,      10.1,       0.0);         ( 655639.5,
4186531.5,      10.1,      10.1,       0.0);
     ( 655647.5, 4186554.8,      10.0,      10.0,       0.0);         ( 655655.6,
4186578.0,      10.0,      10.0,       0.0);
     ( 655663.6, 4186601.3,      10.0,      10.0,       0.0);         ( 655671.7,
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4186624.5,   10.0,   10.0,   0.0);
     (655679.7, 4186647.8,   9.9,   9.9,   0.0);   (655687.8,
4186671.1,   9.9,   9.9,   0.0);
     (655695.8, 4186694.3,   9.9,   9.9,   0.0);   (655703.9,
4186717.6,   9.9,   9.9,   0.0);
     (655711.9, 4186740.9,   9.9,   9.9,   0.0);   (655720.0,
4186764.1,   9.9,   9.9,   0.0);
     (655728.0, 4186787.4,   9.9,   9.9,   0.0);   (655736.0,
4186810.7,   9.9,   9.9,   0.0);
     (655744.1, 4186833.9,   9.9,   9.9,   0.0);   (655752.1,
4186857.2,   9.9,   9.9,   0.0);
     (655760.2, 4186880.5,   9.9,   9.9,   0.0);   (655768.2,
4186903.7,   9.9,   9.9,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (655776.3, 4186927.0,   9.9,   9.9,   0.0);   (655784.3,
4186950.3,   9.8,   9.8,   0.0);
     (655792.4, 4186973.5,   9.8,   9.8,   0.0);   (655800.4,
4186996.8,   9.8,   9.8,   0.0);
     (655808.5, 4187020.1,   9.8,   9.8,   0.0);   (655816.5,
4187043.3,   9.8,   9.8,   0.0);
     (655824.6, 4187066.6,   9.8,   9.8,   0.0);   (655832.6,
4187089.8,   9.8,   9.8,   0.0);
     (655840.6, 4187113.1,   9.8,   9.8,   0.0);   (655848.7,
4187136.4,   9.8,   9.8,   0.0);
     (655856.7, 4187159.6,   9.8,   9.8,   0.0);   (655864.8,
4187182.9,   9.8,   9.8,   0.0);
     (655872.8, 4187206.2,   9.8,   9.8,   0.0);   (655880.9,
4187229.4,   9.9,   9.9,   0.0);
     (655888.9, 4187252.7,   9.9,   9.9,   0.0);   (655897.0,
4187276.0,   9.9,   9.9,   0.0);
     (655905.0, 4187299.2,   9.9,   9.9,   0.0);   (655913.1,
4187322.5,   10.0,   10.0,   0.0);
     (655921.1, 4187345.8,   10.0,   10.0,   0.0);   (655929.2,
4187369.0,   10.0,   10.0,   0.0);
     (655937.2, 4187392.3,   10.1,   10.1,   0.0);   (655945.2,
4187415.6,   10.1,   10.1,   0.0);
     (655953.3, 4187438.8,   10.1,   10.1,   0.0);   (655961.3,
4187462.1,   10.1,   10.1,   0.0);
     (655969.4, 4187485.4,   10.2,   10.2,   0.0);   (655977.4,

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4187508.6,      10.2,      10.2,       0.0);
     ( 655985.5, 4187531.9,      10.2,      10.2,       0.0);         ( 655993.5,
4187555.2,      10.2,      10.2,       0.0);
     ( 656001.6, 4187578.4,      10.2,      10.2,       0.0);         ( 656009.6,
4187601.7,      10.2,      10.2,       0.0);
     ( 656017.7, 4187625.0,      10.3,      10.3,       0.0);         ( 656025.7,
4187648.2,      10.3,      10.3,       0.0);
     ( 656033.8, 4187671.5,      10.3,      10.3,       0.0);         ( 656041.8,
4187694.8,      10.3,      10.3,       0.0);
     ( 656049.8, 4187718.0,      10.3,      10.3,       0.0);         ( 656057.9,
4187741.3,      10.3,      10.3,       0.0);
     ( 656065.9, 4187764.5,      10.3,      10.3,       0.0);         ( 656074.0,
4187787.8,      10.3,      10.3,       0.0);
     ( 656082.0, 4187811.1,      10.4,      10.4,       0.0);         ( 656090.1,
4187834.3,      10.4,      10.4,       0.0);
     ( 656098.1, 4187857.6,      10.4,      10.4,       0.0);         ( 656106.2,
4187880.9,      10.4,      10.4,       0.0);
     ( 656114.2, 4187904.1,      10.4,      10.4,       0.0);         ( 656122.2,
4187927.4,      10.4,      10.4,       0.0);
     ( 656130.3, 4187950.7,      10.4,      10.4,       0.0);         ( 656138.3,
4187973.9,      10.3,      10.3,       0.0);
     ( 656146.4, 4187997.2,      10.3,      10.3,       0.0);         ( 656154.4,
4188020.5,      10.3,      10.3,       0.0);
     ( 653881.1, 4185528.4,       7.2,       7.2,       0.0);         ( 653856.4,
4185527.8,       7.2,       7.2,       0.0);
     ( 653831.6, 4185527.1,       7.1,       7.1,       0.0);         ( 653806.8,
4185526.5,       7.1,       7.1,       0.0);
     ( 653782.0, 4185525.8,       7.0,       7.0,       0.0);         ( 653757.2,
4185525.1,       6.9,       6.9,       0.0);
     ( 653916.8, 4185038.9,       7.9,       7.9,       0.0);         ( 653939.2,
4185049.2,       7.9,       7.9,       0.0);
     ( 653961.6, 4185059.4,       7.9,       7.9,       0.0);         ( 653983.9,
4185069.7,       7.9,       7.9,       0.0);
     ( 654006.3, 4185080.0,       7.9,       7.9,       0.0);         ( 654028.7,
4185090.2,       7.9,       7.9,       0.0);
     ( 654051.0, 4185100.5,       8.0,       8.0,       0.0);         ( 654073.4,
4185110.8,       8.0,       8.0,       0.0);
     ( 654095.7, 4185121.0,       8.0,       8.0,       0.0);         ( 654118.1,
4185131.3,       8.0,       8.0,       0.0);
     ( 654140.5, 4185141.6,       8.1,       8.1,       0.0);         ( 654162.8,
4185151.8,       8.1,       8.1,       0.0);
     ( 654185.2, 4185162.1,       8.1,       8.1,       0.0);         ( 654207.5,
4185172.4,       8.1,       8.1,       0.0);
     ( 654229.9, 4185182.6,       8.1,       8.1,       0.0);         ( 654252.3,
4185192.9,       8.1,       8.1,       0.0);
     ( 654274.6, 4185203.2,       8.1,       8.1,       0.0);         ( 654297.0,
4185213.4,       8.1,       8.1,       0.0);
     ( 654319.4, 4185223.7,       8.1,       8.1,       0.0);         ( 654341.7,
4185234.0,       8.1,       8.1,       0.0);
     ( 654364.1, 4185244.2,       8.1,       8.1,       0.0);         ( 654386.4,
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4185254.5, 8.1, 8.1, 0.0);
     (654408.8, 4185264.8, 8.1, 8.1, 0.0); (654431.2,
4185275.0, 8.1, 8.1, 0.0);
     (654453.5, 4185285.3, 8.2, 8.2, 0.0); (654475.9,
4185295.6, 8.2, 8.2, 0.0);
     (654498.2, 4185305.8, 8.2, 8.2, 0.0); (654520.6,
4185316.1, 8.2, 8.2, 0.0);
     (654543.0, 4185326.4, 8.2, 8.2, 0.0); (654565.3,
4185336.6, 8.2, 8.2, 0.0);
     (654587.7, 4185346.9, 8.3, 8.3, 0.0); (654610.1,
4185357.2, 8.3, 8.3, 0.0);
     (654632.4, 4185367.4, 8.4, 8.4, 0.0); (654654.8,
4185377.7, 8.4, 8.4, 0.0);
     (654677.1, 4185388.0, 8.5, 8.5, 0.0); (654699.5,
4185398.2, 8.5, 8.5, 0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

     (654721.9, 4185408.5, 8.5, 8.5, 0.0); (654744.2,
4185418.8, 8.6, 8.6, 0.0);
     (654766.6, 4185429.0, 8.6, 8.6, 0.0); (654788.9,
4185439.3, 8.6, 8.6, 0.0);
     (654811.3, 4185449.6, 8.7, 8.7, 0.0); (654833.7,
4185459.8, 8.7, 8.7, 0.0);
     (654856.0, 4185470.1, 8.7, 8.7, 0.0); (654878.4,
4185480.4, 8.8, 8.8, 0.0);
     (654900.8, 4185490.6, 8.8, 8.8, 0.0); (654923.1,
4185500.9, 8.9, 8.9, 0.0);
     (654945.5, 4185511.2, 8.9, 8.9, 0.0); (654967.8,
4185521.4, 9.0, 9.0, 0.0);
     (654990.2, 4185531.7, 9.0, 9.0, 0.0); (655012.6,
4185542.0, 9.1, 9.1, 0.0);
     (655034.9, 4185552.2, 9.1, 9.1, 0.0); (655057.3,
4185562.5, 9.2, 9.2, 0.0);
     (655079.6, 4185572.8, 9.2, 9.2, 0.0); (655102.0,
4185583.0, 9.3, 9.3, 0.0);
     (655124.4, 4185593.3, 9.3, 9.3, 0.0); (655146.7,
4185603.6, 9.4, 9.4, 0.0);
     (655169.1, 4185613.8, 9.4, 9.4, 0.0); (655191.5,
4185624.1, 9.5, 9.5, 0.0);
     (655213.8, 4185634.4, 9.6, 9.6, 0.0); (655236.2,

```
4185644.6,       9.6,       9.6,       0.0);
     ( 655258.5, 4185654.9,       9.6,       9.6,       0.0);         ( 655280.9,
4185665.2,       9.7,       9.7,       0.0);
     ( 655303.3, 4185675.4,       9.7,       9.7,       0.0);         ( 655325.6,
4185685.7,       9.8,       9.8,       0.0);
     ( 655348.0, 4185696.0,       9.8,       9.8,       0.0);         ( 655370.4,
4185706.2,       9.9,       9.9,       0.0);
     ( 655392.7, 4185716.5,       9.9,       9.9,       0.0);         ( 655415.1,
4185726.8,      10.0,      10.0,       0.0);
     ( 655437.4, 4185737.0,      10.0,      10.0,       0.0);         ( 655459.8,
4185747.3,      10.1,      10.1,       0.0);
     ( 655482.2, 4185757.6,      10.2,      10.2,       0.0);         ( 655504.5,
4185767.8,      10.2,      10.2,       0.0);
     ( 655526.9, 4185778.1,      10.2,      10.2,       0.0);         ( 655549.2,
4185788.4,      10.3,      10.3,       0.0);
     ( 655571.6, 4185798.6,      10.3,      10.3,       0.0);         ( 655594.0,
4185808.9,      10.3,      10.3,       0.0);
     ( 655616.3, 4185819.2,      10.3,      10.3,       0.0);         ( 655638.7,
4185829.4,      10.3,      10.3,       0.0);
     ( 655661.1, 4185839.7,      10.4,      10.4,       0.0);         ( 655683.4,
4185850.0,      10.4,      10.4,       0.0);
     ( 655705.8, 4185860.2,      10.4,      10.4,       0.0);         ( 655728.1,
4185870.5,      10.4,      10.4,       0.0);
     ( 655750.5, 4185880.8,      10.5,      10.5,       0.0);         ( 655772.9,
4185891.0,      10.5,      10.5,       0.0);
     ( 655795.2, 4185901.3,      10.6,      10.6,       0.0);         ( 655817.6,
4185911.6,      10.7,      10.7,       0.0);
     ( 655839.9, 4185921.8,      10.8,      10.8,       0.0);         ( 655862.3,
4185932.1,      10.9,      10.9,       0.0);
     ( 655884.7, 4185942.4,      11.0,      11.0,       0.0);         ( 655907.0,
4185952.6,      11.0,      11.0,       0.0);
     ( 655937.4, 4185986.2,      10.9,      10.9,       0.0);         ( 655945.5,
4186009.4,      10.9,      10.9,       0.0);
     ( 655953.5, 4186032.7,      10.8,      10.8,       0.0);         ( 655961.6,
4186055.9,      10.8,      10.8,       0.0);
     ( 655969.6, 4186079.2,      10.8,      10.8,       0.0);         ( 655977.6,
4186102.4,      10.7,      10.7,       0.0);
     ( 655985.7, 4186125.7,      10.7,      10.7,       0.0);         ( 655993.7,
4186148.9,      10.6,      10.6,       0.0);
     ( 656001.8, 4186172.2,      10.5,      10.5,       0.0);         ( 656009.8,
4186195.5,      10.5,      10.5,       0.0);
     ( 656017.9, 4186218.7,      10.4,      10.4,       0.0);         ( 656025.9,
4186242.0,      10.4,      10.4,       0.0);
     ( 656033.9, 4186265.2,      10.3,      10.3,       0.0);         ( 656042.0,
4186288.5,      10.2,      10.2,       0.0);
     ( 656050.0, 4186311.7,      10.2,      10.2,       0.0);         ( 656058.1,
4186335.0,      10.1,      10.1,       0.0);
     ( 656066.1, 4186358.2,      10.1,      10.1,       0.0);         ( 656074.2,
4186381.5,      10.0,      10.0,       0.0);
     ( 656082.2, 4186404.8,      10.0,      10.0,       0.0);         ( 656090.2,
```

4186428.0, 9.9, 9.9, 0.0);
     (656098.3, 4186451.3, 9.9, 9.9, 0.0); (656106.3,
4186474.5, 9.9, 9.9, 0.0);
     (656114.4, 4186497.8, 9.9, 9.9, 0.0); (656122.4,
4186521.0, 9.9, 9.9, 0.0);
     (656130.4, 4186544.3, 9.9, 9.9, 0.0); (656138.5,
4186567.5, 9.9, 9.9, 0.0);
     (656146.5, 4186590.8, 9.9, 9.9, 0.0); (656154.6,
4186614.0, 9.9, 9.9, 0.0);
     (656162.6, 4186637.3, 9.9, 9.9, 0.0); (656170.7,
4186660.5, 9.9, 9.9, 0.0);
     (656178.7, 4186683.8, 9.9, 9.9, 0.0); (656186.7,
4186707.1, 9.9, 9.9, 0.0);
     (656194.8, 4186730.3, 9.9, 9.9, 0.0); (656202.8,
4186753.6, 9.9, 9.9, 0.0);
     (656210.9, 4186776.8, 9.9, 9.9, 0.0); (656218.9,
4186800.1, 9.9, 9.9, 0.0);

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

     (656227.0, 4186823.3, 9.9, 9.9, 0.0); (656235.0,
4186846.6, 9.9, 9.9, 0.0);
     (656243.0, 4186869.8, 9.9, 9.9, 0.0); (656251.1,
4186893.1, 9.9, 9.9, 0.0);
     (656259.1, 4186916.3, 9.9, 9.9, 0.0); (656267.2,
4186939.6, 9.9, 9.9, 0.0);
     (656275.2, 4186962.9, 9.9, 9.9, 0.0); (656283.2,
4186986.1, 9.9, 9.9, 0.0);
     (656291.3, 4187009.4, 9.9, 9.9, 0.0); (656299.3,
4187032.6, 9.9, 9.9, 0.0);
     (656307.4, 4187055.9, 9.9, 9.9, 0.0); (656315.4,
4187079.1, 9.9, 9.9, 0.0);
     (656323.5, 4187102.4, 9.9, 9.9, 0.0); (656331.5,
4187125.6, 9.9, 9.9, 0.0);
     (656339.5, 4187148.9, 9.9, 9.9, 0.0); (656347.6,
4187172.1, 9.9, 9.9, 0.0);
     (656355.6, 4187195.4, 9.9, 9.9, 0.0); (656363.7,
4187218.7, 9.9, 9.9, 0.0);
     (656371.7, 4187241.9, 9.9, 9.9, 0.0); (656379.8,
4187265.2, 9.9, 9.9, 0.0);
     (656387.8, 4187288.4, 10.0, 10.0, 0.0); (656395.8,

4187311.7,   10.0,   10.0,   0.0);
     (656403.9, 4187334.9,   10.1,   10.1,   0.0);   (656411.9,
4187358.2,   10.2,   10.2,   0.0);
     (656420.0, 4187381.4,   10.3,   10.3,   0.0);   (656428.0,
4187404.7,   10.4,   10.4,   0.0);
     (656436.1, 4187427.9,   10.5,   10.5,   0.0);   (656444.1,
4187451.2,   10.6,   10.6,   0.0);
     (656452.1, 4187474.5,   10.7,   10.7,   0.0);   (656460.2,
4187497.7,   10.8,   10.8,   0.0);
     (656468.2, 4187521.0,   10.9,   10.9,   0.0);   (656476.3,
4187544.2,   11.0,   11.0,   0.0);
     (656484.3, 4187567.5,   11.0,   11.0,   0.0);   (656492.3,
4187590.7,   11.0,   11.0,   0.0);
     (656500.4, 4187614.0,   11.0,   11.0,   0.0);   (656508.4,
4187637.2,   11.1,   11.1,   0.0);
     (656516.5, 4187660.5,   11.0,   11.0,   0.0);   (656524.5,
4187683.8,   11.0,   11.0,   0.0);
     (656532.6, 4187707.0,   11.0,   11.0,   0.0);   (656540.6,
4187730.3,   10.9,   10.9,   0.0);
     (656548.6, 4187753.5,   10.9,   10.9,   0.0);   (656556.7,
4187776.8,   10.8,   10.8,   0.0);
     (656564.7, 4187800.0,   10.8,   10.8,   0.0);   (656572.8,
4187823.3,   10.8,   10.8,   0.0);
     (656580.8, 4187846.5,   10.8,   10.8,   0.0);   (656588.9,
4187869.8,   10.8,   10.8,   0.0);
     (656596.9, 4187893.0,   10.8,   10.8,   0.0);   (656604.9,
4187916.3,   10.8,   10.8,   0.0);
     (656613.0, 4187939.5,   10.8,   10.8,   0.0);   (656621.0,
4187962.8,   10.8,   10.8,   0.0);
     (656629.1, 4187986.1,   10.9,   10.9,   0.0);   (656637.1,
4188009.3,   10.9,   10.9,   0.0);
     (656645.2, 4188032.6,   10.9,   10.9,   0.0);   (656653.2,
4188055.8,   11.0,   11.0,   0.0);
     (653894.5, 4185028.6,   7.9,   7.9,   0.0);   (653869.7,
4185028.0,   7.9,   7.9,   0.0);
     (653844.9, 4185027.3,   7.9,   7.9,   0.0);   (653820.1,
4185026.6,   7.9,   7.9,   0.0);
     (653795.4, 4185026.0,   7.9,   7.9,   0.0);   (653770.6,
4185025.3,   7.8,   7.8,   0.0);
     (653930.2, 4184539.1,   8.8,   8.8,   0.0);   (653952.5,
4184549.3,   8.8,   8.8,   0.0);
     (653974.9, 4184559.6,   8.8,   8.8,   0.0);   (653997.2,
4184569.9,   8.8,   8.8,   0.0);
     (654019.6, 4184580.1,   8.9,   8.9,   0.0);   (654042.0,
4184590.4,   8.8,   8.8,   0.0);
     (654064.3, 4184600.6,   8.8,   8.8,   0.0);   (654086.7,
4184610.9,   8.9,   8.9,   0.0);
     (654109.0, 4184621.2,   8.8,   8.8,   0.0);   (654131.4,
4184631.4,   8.8,   8.8,   0.0);
     (654153.7, 4184641.7,   8.8,   8.8,   0.0);   (654176.1,

4184652.0,   8.8,   8.8,   0.0);
     (654198.4, 4184662.2,   8.8,   8.8,   0.0);   (654220.8,
4184672.5,   8.8,   8.8,   0.0);
     (654243.2, 4184682.8,   8.8,   8.8,   0.0);   (654265.5,
4184693.0,   8.8,   8.8,   0.0);
     (654287.9, 4184703.3,   8.8,   8.8,   0.0);   (654310.2,
4184713.5,   8.7,   8.7,   0.0);
     (654332.6, 4184723.8,   8.7,   8.7,   0.0);   (654354.9,
4184734.1,   8.7,   8.7,   0.0);
     (654377.3, 4184744.3,   8.8,   8.8,   0.0);   (654399.6,
4184754.6,   8.8,   8.8,   0.0);
     (654422.0, 4184764.9,   8.8,   8.8,   0.0);   (654444.3,
4184775.1,   8.8,   8.8,   0.0);
     (654466.7, 4184785.4,   8.8,   8.8,   0.0);   (654489.0,
4184795.7,   8.8,   8.8,   0.0);
     (654511.4, 4184805.9,   8.8,   8.8,   0.0);   (654533.8,
4184816.2,   8.8,   8.8,   0.0);
     (654556.1, 4184826.4,   8.8,   8.8,   0.0);   (654578.5,
4184836.7,   8.8,   8.8,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (654600.8, 4184847.0,   8.8,   8.8,   0.0);   (654623.2,
4184857.2,   8.8,   8.8,   0.0);
     (654645.5, 4184867.5,   8.8,   8.8,   0.0);   (654667.9,
4184877.8,   8.8,   8.8,   0.0);
     (654690.2, 4184888.0,   8.8,   8.8,   0.0);   (654712.6,
4184898.3,   8.7,   8.7,   0.0);
     (654734.9, 4184908.6,   8.7,   8.7,   0.0);   (654757.3,
4184918.8,   8.7,   8.7,   0.0);
     (654779.7, 4184929.1,   8.7,   8.7,   0.0);   (654802.0,
4184939.3,   8.7,   8.7,   0.0);
     (654824.4, 4184949.6,   8.7,   8.7,   0.0);   (654846.7,
4184959.9,   8.7,   8.7,   0.0);
     (654869.1, 4184970.1,   8.7,   8.7,   0.0);   (654891.4,
4184980.4,   8.7,   8.7,   0.0);
     (654913.8, 4184990.7,   8.6,   8.6,   0.0);   (654936.1,
4185000.9,   8.6,   8.6,   0.0);
     (654958.5, 4185011.2,   8.6,   8.6,   0.0);   (654980.8,
4185021.4,   8.6,   8.6,   0.0);
     (655003.2, 4185031.7,   8.6,   8.6,   0.0);   (655025.6,

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4185042.0,       8.6,       8.6,       0.0);
     ( 655047.9, 4185052.2,       8.6,       8.6,       0.0);         ( 655070.3,
4185062.5,       8.5,       8.5,       0.0);
     ( 655092.6, 4185072.8,       8.5,       8.5,       0.0);         ( 655115.0,
4185083.0,       8.5,       8.5,       0.0);
     ( 655137.3, 4185093.3,       8.5,       8.5,       0.0);         ( 655159.7,
4185103.6,       8.5,       8.5,       0.0);
     ( 655182.0, 4185113.8,       8.5,       8.5,       0.0);         ( 655204.4,
4185124.1,       8.5,       8.5,       0.0);
     ( 655226.7, 4185134.3,       8.6,       8.6,       0.0);         ( 655249.1,
4185144.6,       8.7,       8.7,       0.0);
     ( 655271.4, 4185154.9,       8.8,       8.8,       0.0);         ( 655293.8,
4185165.1,       8.9,       8.9,       0.0);
     ( 655316.2, 4185175.4,       9.0,       9.0,       0.0);         ( 655338.5,
4185185.7,       9.2,       9.2,       0.0);
     ( 655360.9, 4185195.9,       9.2,       9.2,       0.0);         ( 655383.2,
4185206.2,       9.3,       9.3,       0.0);
     ( 655405.6, 4185216.5,       9.4,       9.4,       0.0);         ( 655427.9,
4185226.7,       9.5,       9.5,       0.0);
     ( 655450.3, 4185237.0,       9.6,       9.6,       0.0);         ( 655472.6,
4185247.2,       9.6,       9.6,       0.0);
     ( 655495.0, 4185257.5,       9.6,       9.6,       0.0);         ( 655517.3,
4185267.8,       9.7,       9.7,       0.0);
     ( 655539.7, 4185278.0,       9.8,       9.8,       0.0);         ( 655562.1,
4185288.3,       9.8,       9.8,       0.0);
     ( 655584.4, 4185298.6,       9.8,       9.8,       0.0);         ( 655606.8,
4185308.8,       9.9,       9.9,       0.0);
     ( 655629.1, 4185319.1,      10.0,      10.0,       0.0);         ( 655651.5,
4185329.4,      10.0,      10.0,       0.0);
     ( 655673.8, 4185339.6,      10.1,      10.1,       0.0);         ( 655696.2,
4185349.9,      10.2,      10.2,       0.0);
     ( 655718.5, 4185360.1,      10.2,      10.2,       0.0);         ( 655740.9,
4185370.4,      10.3,      10.3,       0.0);
     ( 655763.2, 4185380.7,      10.4,      10.4,       0.0);         ( 655785.6,
4185390.9,      10.5,      10.5,       0.0);
     ( 655808.0, 4185401.2,      10.6,      10.6,       0.0);         ( 655830.3,
4185411.5,      10.7,      10.7,       0.0);
     ( 655852.7, 4185421.7,      10.8,      10.8,       0.0);         ( 655875.0,
4185432.0,      10.9,      10.9,       0.0);
     ( 655897.4, 4185442.3,      11.0,      11.0,       0.0);         ( 655919.7,
4185452.5,      11.0,      11.0,       0.0);
     ( 655942.1, 4185462.8,      11.0,      11.0,       0.0);         ( 655964.4,
4185473.0,      11.1,      11.1,       0.0);
     ( 655986.8, 4185483.3,      11.1,      11.1,       0.0);         ( 656009.1,
4185493.6,      11.1,      11.1,       0.0);
     ( 656031.5, 4185503.8,      11.1,      11.1,       0.0);         ( 656053.9,
4185514.1,      11.2,      11.2,       0.0);
     ( 656076.2, 4185524.4,      11.2,      11.2,       0.0);         ( 656098.6,
4185534.6,      11.3,      11.3,       0.0);
     ( 656120.9, 4185544.9,      11.3,      11.3,       0.0);         ( 656143.3,
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4185555.2,   11.4,   11.4,   0.0);
     (656165.6, 4185565.4,   11.4,   11.4,   0.0);   (656188.0,
4185575.7,   11.4,   11.4,   0.0);
     (656210.3, 4185585.9,   11.4,   11.4,   0.0);   (656232.7,
4185596.2,   11.4,   11.4,   0.0);
     (656255.0, 4185606.5,   11.4,   11.4,   0.0);   (656277.4,
4185616.7,   11.4,   11.4,   0.0);
     (656307.8, 4185650.2,   11.5,   11.5,   0.0);   (656315.8,
4185673.5,   11.4,   11.4,   0.0);
     (656323.9, 4185696.7,   11.4,   11.4,   0.0);   (656331.9,
4185720.0,   11.4,   11.4,   0.0);
     (656339.9, 4185743.2,   11.4,   11.4,   0.0);   (656348.0,
4185766.5,   11.4,   11.4,   0.0);
     (656356.0, 4185789.7,   11.4,   11.4,   0.0);   (656364.1,
4185813.0,   11.4,   11.4,   0.0);
     (656372.1, 4185836.2,   11.4,   11.4,   0.0);   (656380.1,
4185859.5,   11.4,   11.4,   0.0);
     (656388.2, 4185882.7,   11.4,   11.4,   0.0);   (656396.2,
4185906.0,   11.4,   11.4,   0.0);
     (656404.3, 4185929.2,   11.4,   11.4,   0.0);   (656412.3,
4185952.5,   11.4,   11.4,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (656420.3, 4185975.7,   11.4,   11.4,   0.0);   (656428.4,
4185998.9,   11.4,   11.4,   0.0);
     (656436.4, 4186022.2,   11.4,   11.4,   0.0);   (656444.5,
4186045.4,   11.3,   11.3,   0.0);
     (656452.5, 4186068.7,   11.2,   11.2,   0.0);   (656460.5,
4186091.9,   11.1,   11.1,   0.0);
     (656468.6, 4186115.2,   11.1,   11.1,   0.0);   (656476.6,
4186138.4,   11.0,   11.0,   0.0);
     (656484.7, 4186161.7,   11.0,   11.0,   0.0);   (656492.7,
4186184.9,   10.9,   10.9,   0.0);
     (656500.7, 4186208.2,   10.9,   10.9,   0.0);   (656508.8,
4186231.4,   10.8,   10.8,   0.0);
     (656516.8, 4186254.7,   10.8,   10.8,   0.0);   (656524.9,
4186277.9,   10.7,   10.7,   0.0);
     (656532.9, 4186301.2,   10.7,   10.7,   0.0);   (656540.9,
4186324.4,   10.6,   10.6,   0.0);
     (656549.0, 4186347.7,   10.6,   10.6,   0.0);   (656557.0,

4186370.9,   10.6,   10.6,   0.0);
     (656565.1, 4186394.1,   10.6,   10.6,   0.0);   (656573.1,
4186417.4,   10.5,   10.5,   0.0);
     (656581.1, 4186440.6,   10.5,   10.5,   0.0);   (656589.2,
4186463.9,   10.5,   10.5,   0.0);
     (656597.2, 4186487.1,   10.5,   10.5,   0.0);   (656605.2,
4186510.4,   10.5,   10.5,   0.0);
     (656613.3, 4186533.6,   10.5,   10.5,   0.0);   (656621.3,
4186556.9,   10.5,   10.5,   0.0);
     (656629.4, 4186580.1,   10.5,   10.5,   0.0);   (656637.4,
4186603.4,   10.5,   10.5,   0.0);
     (656645.5, 4186626.6,   10.6,   10.6,   0.0);   (656653.5,
4186649.9,   10.6,   10.6,   0.0);
     (656661.5, 4186673.1,   10.7,   10.7,   0.0);   (656669.6,
4186696.4,   10.8,   10.8,   0.0);
     (656677.6, 4186719.6,   10.9,   10.9,   0.0);   (656685.6,
4186742.9,   10.9,   10.9,   0.0);
     (656693.7, 4186766.1,   10.8,   10.8,   0.0);   (656701.7,
4186789.3,   10.8,   10.8,   0.0);
     (656709.8, 4186812.6,   10.8,   10.8,   0.0);   (656717.8,
4186835.8,   10.8,   10.8,   0.0);
     (656725.8, 4186859.1,   10.8,   10.8,   0.0);   (656733.9,
4186882.3,   10.8,   10.8,   0.0);
     (656741.9, 4186905.6,   10.8,   10.8,   0.0);   (656750.0,
4186928.8,   10.8,   10.8,   0.0);
     (656758.0, 4186952.1,   10.8,   10.8,   0.0);   (656766.0,
4186975.3,   10.8,   10.8,   0.0);
     (656774.1, 4186998.6,   10.7,   10.7,   0.0);   (656782.1,
4187021.8,   10.8,   10.8,   0.0);
     (656790.2, 4187045.1,   10.8,   10.8,   0.0);   (656798.2,
4187068.3,   10.8,   10.8,   0.0);
     (656806.2, 4187091.6,   10.8,   10.8,   0.0);   (656814.3,
4187114.8,   10.9,   10.9,   0.0);
     (656822.3, 4187138.0,   10.9,   10.9,   0.0);   (656830.4,
4187161.3,   10.9,   10.9,   0.0);
     (656838.4, 4187184.5,   11.0,   11.0,   0.0);   (656846.4,
4187207.8,   11.0,   11.0,   0.0);
     (656854.5, 4187231.0,   11.1,   11.1,   0.0);   (656862.5,
4187254.3,   11.2,   11.2,   0.0);
     (656870.6, 4187277.5,   11.2,   11.2,   0.0);   (656878.6,
4187300.8,   11.2,   11.2,   0.0);
     (656886.6, 4187324.0,   11.3,   11.3,   0.0);   (656894.7,
4187347.3,   11.4,   11.4,   0.0);
     (656902.7, 4187370.5,   11.4,   11.4,   0.0);   (656910.8,
4187393.8,   11.4,   11.4,   0.0);
     (656918.8, 4187417.0,   11.4,   11.4,   0.0);   (656926.8,
4187440.3,   11.4,   11.4,   0.0);
     (656934.9, 4187463.5,   11.4,   11.4,   0.0);   (656942.9,
4187486.8,   11.4,   11.4,   0.0);
     (656951.0, 4187510.0,   11.4,   11.4,   0.0);   (656959.0,

4187533.2,   11.4,   11.4,   0.0);
     (656967.0, 4187556.5,   11.4,   11.4,   0.0);   (656975.1,
4187579.8,   11.4,   11.4,   0.0);
     (656983.1, 4187603.0,   11.4,   11.4,   0.0);   (656991.2,
4187626.2,   11.3,   11.3,   0.0);
     (656999.2, 4187649.5,   11.3,   11.3,   0.0);   (657007.2,
4187672.7,   11.2,   11.2,   0.0);
     (657015.3, 4187696.0,   11.2,   11.2,   0.0);   (657023.3,
4187719.2,   11.2,   11.2,   0.0);
     (657031.4, 4187742.5,   11.2,   11.2,   0.0);   (657039.4,
4187765.7,   11.2,   11.2,   0.0);
     (657047.4, 4187789.0,   11.2,   11.2,   0.0);   (657055.5,
4187812.2,   11.2,   11.2,   0.0);
     (657063.5, 4187835.5,   11.2,   11.2,   0.0);   (657071.5,
4187858.7,   11.2,   11.2,   0.0);
     (657079.6, 4187882.0,   11.2,   11.2,   0.0);   (657087.6,
4187905.2,   11.2,   11.2,   0.0);
     (657095.7, 4187928.4,   11.2,   11.2,   0.0);   (657103.7,
4187951.7,   11.2,   11.2,   0.0);
     (657111.7, 4187974.9,   11.3,   11.3,   0.0);   (657119.8,
4187998.2,   11.3,   11.3,   0.0);
     (657127.8, 4188021.4,   11.3,   11.3,   0.0);   (657135.9,
4188044.7,   11.3,   11.3,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (657143.9, 4188067.9,   11.3,   11.3,   0.0);   (657151.9,
4188091.2,   11.4,   11.4,   0.0);
     (653907.8, 4184528.8,   8.7,   8.7,   0.0);   (653883.1,
4184528.1,   8.6,   8.6,   0.0);
     (653858.3, 4184527.5,   8.5,   8.5,   0.0);   (653833.5,
4184526.8,   8.5,   8.5,   0.0);
     (653808.7, 4184526.2,   8.4,   8.4,   0.0);   (653783.9,
4184525.5,   8.4,   8.4,   0.0);
     (653943.5, 4184039.2,   10.1,   10.1,   0.0);   (653965.9,
4184049.5,   10.1,   10.1,   0.0);
     (653988.2, 4184059.8,   10.2,   10.2,   0.0);   (654010.6,
4184070.0,   10.2,   10.2,   0.0);
     (654032.9, 4184080.3,   10.2,   10.2,   0.0);   (654055.3,
4184090.5,   10.2,   10.2,   0.0);
     (654077.6, 4184100.8,   10.2,   10.2,   0.0);   (654100.0,

4184111.1,   10.2,   10.2,   0.0);
     (654122.3, 4184121.3,   10.2,   10.2,   0.0);   (654144.7,
4184131.6,   10.3,   10.3,   0.0);
     (654167.0, 4184141.8,   10.4,   10.4,   0.0);   (654189.4,
4184152.1,   10.5,   10.5,   0.0);
     (654211.7, 4184162.4,   10.5,   10.5,   0.0);   (654234.1,
4184172.6,   10.5,   10.5,   0.0);
     (654256.4, 4184182.9,   10.4,   10.4,   0.0);   (654278.8,
4184193.2,   10.2,   10.2,   0.0);
     (654301.1, 4184203.4,   10.1,   10.1,   0.0);   (654323.5,
4184213.7,   9.9,   9.9,   0.0);
     (654345.8, 4184223.9,   9.8,   9.8,   0.0);   (654368.2,
4184234.2,   9.8,   9.8,   0.0);
     (654390.5, 4184244.5,   9.8,   9.8,   0.0);   (654412.9,
4184254.7,   9.8,   9.8,   0.0);
     (654435.2, 4184265.0,   9.7,   9.7,   0.0);   (654457.6,
4184275.2,   9.7,   9.7,   0.0);
     (654479.9, 4184285.5,   9.6,   9.6,   0.0);   (654502.3,
4184295.8,   9.6,   9.6,   0.0);
     (654524.6, 4184306.0,   9.6,   9.6,   0.0);   (654547.0,
4184316.3,   9.5,   9.5,   0.0);
     (654569.3, 4184326.5,   9.5,   9.5,   0.0);   (654591.7,
4184336.8,   9.5,   9.5,   0.0);
     (654614.0, 4184347.1,   9.5,   9.5,   0.0);   (654636.4,
4184357.3,   9.5,   9.5,   0.0);
     (654658.7, 4184367.6,   9.4,   9.4,   0.0);   (654681.1,
4184377.9,   9.4,   9.4,   0.0);
     (654703.4, 4184388.1,   9.4,   9.4,   0.0);   (654725.8,
4184398.4,   9.4,   9.4,   0.0);
     (654748.1, 4184408.6,   9.4,   9.4,   0.0);   (654770.4,
4184418.9,   9.4,   9.4,   0.0);
     (654792.8, 4184429.2,   9.4,   9.4,   0.0);   (654815.1,
4184439.4,   9.4,   9.4,   0.0);
     (654837.5, 4184449.7,   9.4,   9.4,   0.0);   (654859.8,
4184459.9,   9.4,   9.4,   0.0);
     (654882.2, 4184470.2,   9.4,   9.4,   0.0);   (654904.5,
4184480.5,   9.4,   9.4,   0.0);
     (654926.9, 4184490.7,   9.5,   9.5,   0.0);   (654949.2,
4184501.0,   9.5,   9.5,   0.0);
     (654971.6, 4184511.2,   9.5,   9.5,   0.0);   (654993.9,
4184521.5,   9.5,   9.5,   0.0);
     (655016.3, 4184531.8,   9.5,   9.5,   0.0);   (655038.6,
4184542.0,   9.6,   9.6,   0.0);
     (655061.0, 4184552.3,   9.6,   9.6,   0.0);   (655083.3,
4184562.6,   9.6,   9.6,   0.0);
     (655105.7, 4184572.8,   9.5,   9.5,   0.0);   (655128.0,
4184583.1,   9.5,   9.5,   0.0);
     (655150.4, 4184593.3,   9.5,   9.5,   0.0);   (655172.7,
4184603.6,   9.5,   9.5,   0.0);
     (655195.1, 4184613.9,   9.5,   9.5,   0.0);   (655217.4,

4184624.1, 9.5, 9.5, 0.0);
     (655239.8, 4184634.4, 9.5, 9.5, 0.0); (655262.1,
4184644.6, 9.5, 9.5, 0.0);
     (655284.5, 4184654.9, 9.5, 9.5, 0.0); (655306.8,
4184665.2, 9.4, 9.4, 0.0);
     (655329.2, 4184675.4, 9.4, 9.4, 0.0); (655351.5,
4184685.7, 9.4, 9.4, 0.0);
     (655373.9, 4184695.9, 9.4, 9.4, 0.0); (655396.2,
4184706.2, 9.4, 9.4, 0.0);
     (655418.6, 4184716.5, 9.4, 9.4, 0.0); (655440.9,
4184726.7, 9.4, 9.4, 0.0);
     (655463.3, 4184737.0, 9.4, 9.4, 0.0); (655485.6,
4184747.3, 9.4, 9.4, 0.0);
     (655508.0, 4184757.5, 9.4, 9.4, 0.0); (655530.3,
4184767.8, 9.4, 9.4, 0.0);
     (655552.7, 4184778.0, 9.5, 9.5, 0.0); (655575.0,
4184788.3, 9.5, 9.5, 0.0);
     (655597.4, 4184798.6, 9.5, 9.5, 0.0); (655619.7,
4184808.8, 9.6, 9.6, 0.0);
     (655642.1, 4184819.1, 9.6, 9.6, 0.0); (655664.4,
4184829.3, 9.7, 9.7, 0.0);
     (655686.8, 4184839.6, 9.7, 9.7, 0.0); (655709.1,
4184849.9, 9.7, 9.7, 0.0);
     (655731.5, 4184860.1, 9.8, 9.8, 0.0); (655753.8,
4184870.4, 9.8, 9.8, 0.0);

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (655776.1, 4184880.6, 9.9, 9.9, 0.0); (655798.5,
4184890.9, 9.9, 9.9, 0.0);
     (655820.8, 4184901.2, 10.0, 10.0, 0.0); (655843.2,
4184911.4, 10.0, 10.0, 0.0);
     (655865.5, 4184921.7, 10.1, 10.1, 0.0); (655887.9,
4184931.9, 10.1, 10.1, 0.0);
     (655910.2, 4184942.2, 10.1, 10.1, 0.0); (655932.6,
4184952.5, 10.1, 10.1, 0.0);
     (655954.9, 4184962.7, 10.1, 10.1, 0.0); (655977.3,
4184973.0, 10.1, 10.1, 0.0);
     (655999.6, 4184983.3, 10.1, 10.1, 0.0); (656022.0,
4184993.5, 10.0, 10.0, 0.0);
     (656044.3, 4185003.8, 10.0, 10.0, 0.0); (656066.7,

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4185014.0,       9.9,       9.9,       0.0);
     ( 656089.0, 4185024.3,       9.9,       9.9,       0.0);         ( 656111.4,
4185034.6,      10.1,      10.1,       0.0);
     ( 656133.7, 4185044.8,      10.3,      10.3,       0.0);         ( 656156.1,
4185055.1,      10.7,      10.7,       0.0);
     ( 656178.4, 4185065.3,      11.0,      11.0,       0.0);         ( 656200.8,
4185075.6,      11.2,      11.2,       0.0);
     ( 656223.1, 4185085.9,      11.2,      11.2,       0.0);         ( 656245.5,
4185096.1,      11.3,      11.3,       0.0);
     ( 656267.8, 4185106.4,      11.4,      11.4,       0.0);         ( 656290.2,
4185116.6,      11.4,      11.4,       0.0);
     ( 656312.5, 4185126.9,      11.4,      11.4,       0.0);         ( 656334.9,
4185137.2,      11.4,      11.4,       0.0);
     ( 656357.2, 4185147.4,      11.4,      11.4,       0.0);         ( 656379.6,
4185157.7,      11.4,      11.4,       0.0);
     ( 656401.9, 4185168.0,      11.4,      11.4,       0.0);         ( 656424.3,
4185178.2,      11.4,      11.4,       0.0);
     ( 656446.6, 4185188.5,      11.4,      11.4,       0.0);         ( 656469.0,
4185198.7,      11.4,      11.4,       0.0);
     ( 656491.3, 4185209.0,      11.4,      11.4,       0.0);         ( 656513.7,
4185219.3,      11.4,      11.4,       0.0);
     ( 656536.0, 4185229.5,      11.4,      11.4,       0.0);         ( 656558.4,
4185239.8,      11.4,      11.4,       0.0);
     ( 656580.7, 4185250.0,      11.4,      11.4,       0.0);         ( 656603.1,
4185260.3,      11.4,      11.4,       0.0);
     ( 656625.4, 4185270.6,      11.4,      11.4,       0.0);         ( 656647.8,
4185280.8,      11.4,      11.4,       0.0);
     ( 656678.1, 4185314.3,      11.4,      11.4,       0.0);         ( 656686.2,
4185337.6,      11.4,      11.4,       0.0);
     ( 656694.2, 4185360.8,      11.5,      11.5,       0.0);         ( 656702.2,
4185384.1,      11.4,      11.4,       0.0);
     ( 656710.3, 4185407.3,      11.4,      11.4,       0.0);         ( 656718.3,
4185430.5,      11.4,      11.4,       0.0);
     ( 656726.4, 4185453.8,      11.4,      11.4,       0.0);         ( 656734.4,
4185477.0,      11.4,      11.4,       0.0);
     ( 656742.4, 4185500.3,      11.4,      11.4,       0.0);         ( 656750.5,
4185523.5,      11.7,      11.7,       0.0);
     ( 656758.5, 4185546.8,      11.7,      11.7,       0.0);         ( 656766.6,
4185570.0,      11.7,      11.7,       0.0);
     ( 656774.6, 4185593.2,      11.6,      11.6,       0.0);         ( 656782.6,
4185616.5,      11.6,      11.6,       0.0);
     ( 656790.7, 4185639.7,      11.5,      11.5,       0.0);         ( 656798.7,
4185662.9,      11.5,      11.5,       0.0);
     ( 656806.7, 4185686.2,      11.4,      11.4,       0.0);         ( 656814.8,
4185709.4,      11.4,      11.4,       0.0);
     ( 656822.8, 4185732.7,      11.4,      11.4,       0.0);         ( 656830.9,
4185755.9,      11.4,      11.4,       0.0);
     ( 656838.9, 4185779.2,      11.4,      11.4,       0.0);         ( 656846.9,
4185802.4,      11.5,      11.5,       0.0);
     ( 656855.0, 4185825.6,      11.5,      11.5,       0.0);         ( 656863.0,
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4185848.9,   11.5,   11.5,   0.0);
     (656871.0, 4185872.1,   11.5,   11.5,   0.0);   (656879.1,
4185895.4,   11.6,   11.6,   0.0);
     (656887.1, 4185918.6,   11.6,   11.6,   0.0);   (656895.2,
4185941.8,   11.6,   11.6,   0.0);
     (656903.2, 4185965.1,   11.6,   11.6,   0.0);   (656911.2,
4185988.3,   11.6,   11.6,   0.0);
     (656919.3, 4186011.6,   11.6,   11.6,   0.0);   (656927.3,
4186034.8,   11.6,   11.6,   0.0);
     (656935.3, 4186058.0,   11.6,   11.6,   0.0);   (656943.4,
4186081.3,   11.5,   11.5,   0.0);
     (656951.4, 4186104.5,   11.5,   11.5,   0.0);   (656959.5,
4186127.8,   11.5,   11.5,   0.0);
     (656967.5, 4186151.0,   11.4,   11.4,   0.0);   (656975.5,
4186174.3,   11.4,   11.4,   0.0);
     (656983.6, 4186197.5,   11.3,   11.3,   0.0);   (656991.6,
4186220.7,   11.3,   11.3,   0.0);
     (656999.6, 4186244.0,   11.2,   11.2,   0.0);   (657007.7,
4186267.2,   11.2,   11.2,   0.0);
     (657015.7, 4186290.5,   11.2,   11.2,   0.0);   (657023.8,
4186313.7,   11.2,   11.2,   0.0);
     (657031.8, 4186336.9,   11.2,   11.2,   0.0);   (657039.8,
4186360.2,   11.2,   11.2,   0.0);
     (657047.9, 4186383.4,   11.2,   11.2,   0.0);   (657055.9,
4186406.7,   11.1,   11.1,   0.0);
     (657063.9, 4186429.9,   11.1,   11.1,   0.0);   (657072.0,
4186453.2,   11.1,   11.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (657080.0, 4186476.4,   11.2,   11.2,   0.0);   (657088.1,
4186499.6,   11.2,   11.2,   0.0);
     (657096.1, 4186522.9,   11.2,   11.2,   0.0);   (657104.1,
4186546.1,   11.2,   11.2,   0.0);
     (657112.2, 4186569.4,   11.2,   11.2,   0.0);   (657120.2,
4186592.6,   11.3,   11.3,   0.0);
     (657128.2, 4186615.8,   11.3,   11.3,   0.0);   (657136.3,
4186639.1,   11.4,   11.4,   0.0);
     (657144.3, 4186662.3,   11.4,   11.4,   0.0);   (657152.4,
4186685.6,   11.3,   11.3,   0.0);
     (657160.4, 4186708.8,   11.3,   11.3,   0.0);   (657168.4,

4186732.0,   11.2,   11.2,   0.0);
     (657176.5, 4186755.3,   11.2,   11.2,   0.0);   (657184.5,
4186778.5,   11.1,   11.1,   0.0);
     (657192.6, 4186801.8,   11.1,   11.1,   0.0);   (657200.6,
4186825.0,   11.1,   11.1,   0.0);
     (657208.6, 4186848.3,   11.1,   11.1,   0.0);   (657216.7,
4186871.5,   11.1,   11.1,   0.0);
     (657224.7, 4186894.7,   11.1,   11.1,   0.0);   (657232.7,
4186918.0,   11.1,   11.1,   0.0);
     (657240.8, 4186941.2,   11.1,   11.1,   0.0);   (657248.8,
4186964.5,   11.1,   11.1,   0.0);
     (657256.9, 4186987.7,   11.1,   11.1,   0.0);   (657264.9,
4187010.9,   11.2,   11.2,   0.0);
     (657272.9, 4187034.2,   11.2,   11.2,   0.0);   (657281.0,
4187057.4,   11.2,   11.2,   0.0);
     (657289.0, 4187080.7,   11.3,   11.3,   0.0);   (657297.0,
4187103.9,   11.3,   11.3,   0.0);
     (657305.1, 4187127.2,   11.4,   11.4,   0.0);   (657313.1,
4187150.4,   11.4,   11.4,   0.0);
     (657321.2, 4187173.6,   11.5,   11.5,   0.0);   (657329.2,
4187196.9,   11.5,   11.5,   0.0);
     (657337.2, 4187220.1,   11.5,   11.5,   0.0);   (657345.3,
4187243.4,   11.5,   11.5,   0.0);
     (657353.3, 4187266.6,   11.5,   11.5,   0.0);   (657361.3,
4187289.8,   11.5,   11.5,   0.0);
     (657369.4, 4187313.1,   11.5,   11.5,   0.0);   (657377.4,
4187336.3,   11.4,   11.4,   0.0);
     (657385.5, 4187359.6,   11.4,   11.4,   0.0);   (657393.5,
4187382.8,   11.4,   11.4,   0.0);
     (657401.5, 4187406.0,   11.4,   11.4,   0.0);   (657409.6,
4187429.3,   11.4,   11.4,   0.0);
     (657417.6, 4187452.5,   11.4,   11.4,   0.0);   (657425.6,
4187475.8,   11.4,   11.4,   0.0);
     (657433.7, 4187499.0,   11.4,   11.4,   0.0);   (657441.7,
4187522.3,   11.4,   11.4,   0.0);
     (657449.8, 4187545.5,   11.4,   11.4,   0.0);   (657457.8,
4187568.7,   11.4,   11.4,   0.0);
     (657465.8, 4187592.0,   11.4,   11.4,   0.0);   (657473.9,
4187615.2,   11.4,   11.4,   0.0);
     (657481.9, 4187638.5,   11.4,   11.4,   0.0);   (657489.9,
4187661.7,   11.5,   11.5,   0.0);
     (657498.0, 4187684.9,   11.4,   11.4,   0.0);   (657506.0,
4187708.2,   11.5,   11.5,   0.0);
     (657514.1, 4187731.4,   11.5,   11.5,   0.0);   (657522.1,
4187754.7,   11.6,   11.6,   0.0);
     (657530.1, 4187777.9,   11.6,   11.6,   0.0);   (657538.2,
4187801.1,   11.7,   11.7,   0.0);
     (657546.2, 4187824.4,   11.7,   11.7,   0.0);   (657554.2,
4187847.6,   11.8,   11.8,   0.0);
     (657562.3, 4187870.9,   11.9,   11.9,   0.0);   (657570.3,

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4187894.1,      12.0,      12.0,       0.0);
     ( 657578.4, 4187917.4,      12.1,      12.1,       0.0);         ( 657586.4,
4187940.6,      12.3,      12.3,       0.0);
     ( 657594.4, 4187963.8,      12.4,      12.4,       0.0);         ( 657602.5,
4187987.1,      12.4,      12.4,       0.0);
     ( 657610.5, 4188010.3,      12.3,      12.3,       0.0);         ( 657618.5,
4188033.6,      12.3,      12.3,       0.0);
     ( 657626.6, 4188056.8,      12.3,      12.3,       0.0);         ( 657634.6,
4188080.0,      12.3,      12.3,       0.0);
     ( 657642.7, 4188103.3,      12.3,      12.3,       0.0);         ( 657650.7,
4188126.5,      12.4,      12.4,       0.0);
     ( 653921.2, 4184029.0,      10.1,      10.1,       0.0);         ( 653896.4,
4184028.3,      10.1,      10.1,       0.0);
     ( 653871.6, 4184027.7,      10.1,      10.1,       0.0);         ( 653846.9,
4184027.0,      10.1,      10.1,       0.0);
     ( 653822.1, 4184026.3,      10.0,      10.0,       0.0);         ( 653797.3,
4184025.7,      10.0,      10.0,       0.0);
     ( 653669.5, 4187873.2,       8.1,       8.1,       0.0);         ( 653667.7,
4187915.0,       8.1,       8.1,       0.0);
     ( 653665.9, 4187956.7,       8.1,       8.1,       0.0);         ( 653652.5,
4187854.9,       8.1,       8.1,       0.0);
     ( 653643.6, 4187893.0,       8.1,       8.1,       0.0);         ( 653641.8,
4187934.8,       8.1,       8.1,       0.0);
     ( 653640.0, 4187976.5,       8.1,       8.1,       0.0);         ( 653627.5,
4187853.8,       8.1,       8.1,       0.0);
     ( 653661.1, 4187812.7,       8.0,       8.0,       0.0);         ( 653618.6,
4187891.9,       8.1,       8.1,       0.0);
     ( 653616.8, 4187933.7,       8.1,       8.1,       0.0);         ( 653615.0,
4187975.4,       8.1,       8.1,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                       (METERS)

     ( 653602.5, 4187852.8,       8.0,       8.0,       0.0);         ( 653618.4,
4187818.3,       8.0,       8.0,       0.0);
     ( 653644.0, 4187794.4,       7.9,       7.9,       0.0);         ( 653593.7,
4187890.8,       8.0,       8.0,       0.0);
     ( 653591.8, 4187932.6,       8.0,       8.0,       0.0);         ( 653590.0,
4187974.4,       8.1,       8.1,       0.0);
     ( 653552.5, 4187850.6,       7.9,       7.9,       0.0);         ( 653568.4,
4187816.2,       7.9,       7.9,       0.0);
     ( 653584.3, 4187781.8,       7.9,       7.9,       0.0);         ( 653609.9,
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4187757.9,       7.8,       7.8,       0.0);
     ( 653645.3, 4187744.5,       7.7,       7.7,       0.0);         ( 653543.7,
4187888.6,       7.9,       7.9,       0.0);
     ( 653541.9, 4187930.4,       8.0,       8.0,       0.0);         ( 653540.1,
4187972.2,       8.0,       8.0,       0.0);
     ( 653502.6, 4187848.4,       7.8,       7.8,       0.0);         ( 653518.5,
4187814.0,       7.8,       7.8,       0.0);
     ( 653534.3, 4187779.6,       7.8,       7.8,       0.0);         ( 653550.2,
4187745.2,       7.8,       7.8,       0.0);
     ( 653575.8, 4187721.3,       7.7,       7.7,       0.0);         ( 653611.2,
4187707.9,       7.7,       7.7,       0.0);
     ( 653646.7, 4187694.5,       7.7,       7.7,       0.0);         ( 653493.8,
4187886.5,       7.8,       7.8,       0.0);
     ( 653491.9, 4187928.2,       7.8,       7.8,       0.0);         ( 653490.1,
4187970.0,       7.9,       7.9,       0.0);
     ( 653452.6, 4187846.2,       7.7,       7.7,       0.0);         ( 653468.5,
4187811.8,       7.7,       7.7,       0.0);
     ( 653484.4, 4187777.4,       7.7,       7.7,       0.0);         ( 653500.2,
4187743.0,       7.7,       7.7,       0.0);
     ( 653516.1, 4187708.6,       7.7,       7.7,       0.0);         ( 653541.7,
4187684.7,       7.7,       7.7,       0.0);
     ( 653577.2, 4187671.3,       7.7,       7.7,       0.0);         ( 653612.6,
4187657.9,       7.7,       7.7,       0.0);
     ( 653648.0, 4187644.5,       7.7,       7.7,       0.0);         ( 653443.8,
4187884.3,       7.7,       7.7,       0.0);
     ( 653442.0, 4187926.1,       7.7,       7.7,       0.0);         ( 653440.2,
4187967.8,       7.8,       7.8,       0.0);
     ( 653403.4, 4187842.5,       7.5,       7.5,       0.0);         ( 653420.7,
4187804.9,       7.6,       7.6,       0.0);
     ( 653438.0, 4187767.4,       7.6,       7.6,       0.0);         ( 653455.3,
4187729.9,       7.6,       7.6,       0.0);
     ( 653472.6, 4187692.4,       7.6,       7.6,       0.0);         ( 653509.2,
4187647.5,       7.6,       7.6,       0.0);
     ( 653547.9, 4187632.9,       7.6,       7.6,       0.0);         ( 653586.5,
4187618.3,       7.7,       7.7,       0.0);
     ( 653625.2, 4187603.7,       7.7,       7.7,       0.0);         ( 653663.8,
4187589.0,       7.7,       7.7,       0.0);
     ( 653393.8, 4187882.1,       7.6,       7.6,       0.0);         ( 653392.0,
4187923.9,       7.6,       7.6,       0.0);
     ( 653390.2, 4187965.6,       7.6,       7.6,       0.0);         ( 653353.3,
4187840.5,       7.4,       7.4,       0.0);
     ( 653370.4, 4187803.5,       7.4,       7.4,       0.0);         ( 653387.5,
4187766.4,       7.5,       7.5,       0.0);
     ( 653404.6, 4187729.4,       7.5,       7.5,       0.0);         ( 653421.7,
4187692.4,       7.5,       7.5,       0.0);
     ( 653438.8, 4187655.3,       7.5,       7.5,       0.0);         ( 653474.9,
4187611.0,       7.6,       7.6,       0.0);
     ( 653513.1, 4187596.6,       7.6,       7.6,       0.0);         ( 653551.2,
4187582.2,       7.7,       7.7,       0.0);
     ( 653589.4, 4187567.7,       7.7,       7.7,       0.0);         ( 653627.5,
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4187553.3,   7.8,   7.8,   0.0);
     (653665.7, 4187538.9,   7.8,   7.8,   0.0);   (653343.9,
4187879.9,   7.5,   7.5,   0.0);
     (653342.1, 4187921.7,   7.5,   7.5,   0.0);   (653340.2,
4187963.5,   7.5,   7.5,   0.0);
     (653253.3, 4187836.5,   7.2,   7.2,   0.0);   (653270.1,
4187800.1,   7.2,   7.2,   0.0);
     (653286.9, 4187763.6,   7.2,   7.2,   0.0);   (653303.7,
4187727.2,   7.2,   7.2,   0.0);
     (653320.5, 4187690.8,   7.2,   7.2,   0.0);   (653337.3,
4187654.4,   7.2,   7.2,   0.0);
     (653354.1, 4187618.0,   7.3,   7.3,   0.0);   (653370.9,
4187581.5,   7.3,   7.3,   0.0);
     (653406.4, 4187538.0,   7.5,   7.5,   0.0);   (653443.9,
4187523.8,   7.5,   7.5,   0.0);
     (653481.4, 4187509.6,   7.6,   7.6,   0.0);   (653518.9,
4187495.4,   7.7,   7.7,   0.0);
     (653556.4, 4187481.2,   7.8,   7.8,   0.0);   (653594.0,
4187467.0,   7.8,   7.8,   0.0);
     (653631.5, 4187452.8,   7.9,   7.9,   0.0);   (653669.0,
4187438.7,   7.9,   7.9,   0.0);
     (653244.0, 4187875.6,   7.2,   7.2,   0.0);   (653242.2,
4187917.3,   7.3,   7.3,   0.0);
     (653240.4, 4187959.1,   7.3,   7.3,   0.0);   (653153.7,
4187831.4,   7.1,   7.1,   0.0);
     (653171.2, 4187793.6,   7.0,   7.0,   0.0);   (653188.6,
4187755.8,   7.0,   7.0,   0.0);
     (653206.1, 4187717.9,   6.9,   6.9,   0.0);   (653223.5,
4187680.1,   6.9,   6.9,   0.0);
     (653241.0, 4187642.2,   6.9,   6.9,   0.0);   (653258.4,
4187604.4,   7.0,   7.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (653275.8, 4187566.6,   7.1,   7.1,   0.0);   (653293.3,
4187528.7,   7.1,   7.1,   0.0);
     (653310.7, 4187490.9,   7.3,   7.3,   0.0);   (653339.0,
4187464.6,   7.4,   7.4,   0.0);
     (653377.9, 4187449.8,   7.5,   7.5,   0.0);   (653416.9,
4187435.1,   7.5,   7.5,   0.0);
     (653455.9, 4187420.4,   7.6,   7.6,   0.0);   (653494.8,

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4187405.6,       7.7,       7.7,       0.0);
     ( 653533.8, 4187390.9,       7.8,       7.8,       0.0);         ( 653572.8,
4187376.1,       7.8,       7.8,       0.0);
     ( 653611.7, 4187361.4,       7.9,       7.9,       0.0);         ( 653650.7,
4187346.6,       8.0,       8.0,       0.0);
     ( 653144.1, 4187871.2,       7.2,       7.2,       0.0);         ( 653142.3,
4187913.0,       7.2,       7.2,       0.0);
     ( 653140.4, 4187954.8,       7.2,       7.2,       0.0);         ( 653053.7,
4187827.4,       7.0,       7.0,       0.0);
     ( 653070.9, 4187790.1,       7.0,       7.0,       0.0);         ( 653088.0,
4187752.8,       6.9,       6.9,       0.0);
     ( 653105.2, 4187715.6,       6.8,       6.8,       0.0);         ( 653122.4,
4187678.3,       6.9,       6.9,       0.0);
     ( 653139.6, 4187641.0,       6.9,       6.9,       0.0);         ( 653156.8,
4187603.8,       6.8,       6.8,       0.0);
     ( 653174.0, 4187566.5,       6.9,       6.9,       0.0);         ( 653191.1,
4187529.2,       6.9,       6.9,       0.0);
     ( 653208.3, 4187492.0,       6.9,       6.9,       0.0);         ( 653225.5,
4187454.7,       7.1,       7.1,       0.0);
     ( 653242.7, 4187417.4,       7.3,       7.3,       0.0);         ( 653270.5,
4187391.6,       7.4,       7.4,       0.0);
     ( 653308.9, 4187377.0,       7.4,       7.4,       0.0);         ( 653347.2,
4187362.5,       7.5,       7.5,       0.0);
     ( 653385.6, 4187348.0,       7.6,       7.6,       0.0);         ( 653424.0,
4187333.5,       7.6,       7.6,       0.0);
     ( 653462.4, 4187318.9,       7.7,       7.7,       0.0);         ( 653500.7,
4187304.4,       7.8,       7.8,       0.0);
     ( 653539.1, 4187289.9,       7.8,       7.8,       0.0);         ( 653577.5,
4187275.4,       7.9,       7.9,       0.0);
     ( 653615.9, 4187260.8,       8.0,       8.0,       0.0);         ( 653654.3,
4187246.3,       8.1,       8.1,       0.0);
     ( 653044.2, 4187866.9,       7.0,       7.0,       0.0);         ( 653042.4,
4187908.6,       7.0,       7.0,       0.0);
     ( 653040.5, 4187950.4,       7.0,       7.0,       0.0);         ( 652953.7,
4187823.2,       6.9,       6.9,       0.0);
     ( 652970.7, 4187786.4,       6.9,       6.9,       0.0);         ( 652987.7,
4187749.5,       6.9,       6.9,       0.0);
     ( 653004.7, 4187712.6,       6.8,       6.8,       0.0);         ( 653021.7,
4187675.8,       6.8,       6.8,       0.0);
     ( 653038.7, 4187638.9,       6.8,       6.8,       0.0);         ( 653055.6,
4187602.1,       6.8,       6.8,       0.0);
     ( 653072.6, 4187565.2,       6.8,       6.8,       0.0);         ( 653089.6,
4187528.4,       6.9,       6.9,       0.0);
     ( 653106.6, 4187491.5,       6.9,       6.9,       0.0);         ( 653123.6,
4187454.7,       6.9,       6.9,       0.0);
     ( 653140.6, 4187417.8,       7.1,       7.1,       0.0);         ( 653157.6,
4187380.9,       7.2,       7.2,       0.0);
     ( 653174.6, 4187344.1,       7.1,       7.1,       0.0);         ( 653202.1,
4187318.5,       7.1,       7.1,       0.0);
     ( 653240.0, 4187304.1,       7.2,       7.2,       0.0);         ( 653278.0,
```

4187289.8,   7.4,   7.4,   0.0);
     (653316.0, 4187275.4,   7.5,   7.5,   0.0);   (653353.9,
4187261.0,   7.6,   7.6,   0.0);
     (653391.9, 4187246.7,   7.6,   7.6,   0.0);   (653429.8,
4187232.3,   7.7,   7.7,   0.0);
     (653467.8, 4187217.9,   7.8,   7.8,   0.0);   (653505.7,
4187203.6,   7.8,   7.8,   0.0);
     (653543.7, 4187189.2,   7.9,   7.9,   0.0);   (653581.7,
4187174.8,   8.0,   8.0,   0.0);
     (653619.6, 4187160.5,   8.1,   8.1,   0.0);   (653657.6,
4187146.1,   8.1,   8.1,   0.0);
     (652944.3, 4187862.5,   6.9,   6.9,   0.0);   (652942.5,
4187904.3,   6.9,   6.9,   0.0);
     (652940.6, 4187946.1,   6.9,   6.9,   0.0);   (652854.0,
4187818.4,   6.8,   6.8,   0.0);
     (652871.4, 4187780.7,   6.8,   6.8,   0.0);   (652888.8,
4187743.0,   6.8,   6.8,   0.0);
     (652906.2, 4187705.2,   6.8,   6.8,   0.0);   (652923.6,
4187667.5,   6.8,   6.8,   0.0);
     (652941.0, 4187629.8,   6.8,   6.8,   0.0);   (652958.4,
4187592.1,   6.8,   6.8,   0.0);
     (652975.7, 4187554.3,   6.8,   6.8,   0.0);   (652993.1,
4187516.6,   6.8,   6.8,   0.0);
     (653010.5, 4187478.9,   6.9,   6.9,   0.0);   (653027.9,
4187441.2,   7.0,   7.0,   0.0);
     (653045.3, 4187403.4,   6.9,   6.9,   0.0);   (653062.7,
4187365.7,   6.9,   6.9,   0.0);
     (653080.1, 4187328.0,   6.9,   6.9,   0.0);   (653097.5,
4187290.2,   6.8,   6.8,   0.0);
     (653134.3, 4187245.2,   6.9,   6.9,   0.0);   (653173.2,
4187230.5,   6.9,   6.9,   0.0);
     (653212.1, 4187215.8,   6.9,   6.9,   0.0);   (653250.9,
4187201.0,   7.0,   7.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (653289.8, 4187186.3,   6.9,   6.9,   0.0);   (653328.6,
4187171.6,   6.9,   6.9,   0.0);
     (653367.5, 4187156.9,   6.9,   6.9,   0.0);   (653406.3,
4187142.2,   6.9,   6.9,   0.0);
     (653445.2, 4187127.5,   7.1,   7.1,   0.0);   (653484.0,

```
4187112.8,       7.9,       7.9,       0.0);
     ( 653522.9, 4187098.1,       8.3,       8.3,       0.0);         ( 653561.8,
4187083.4,       8.2,       8.2,       0.0);
     ( 653600.6, 4187068.7,       8.1,       8.1,       0.0);         ( 653639.5,
4187054.0,       8.2,       8.2,       0.0);
     ( 653678.3, 4187039.3,       8.2,       8.2,       0.0);         ( 652844.4,
4187858.2,       6.8,       6.8,       0.0);
     ( 652842.6, 4187899.9,       6.8,       6.8,       0.0);         ( 652840.7,
4187941.7,       6.8,       6.8,       0.0);
     ( 652604.2, 4187807.5,       6.8,       6.8,       0.0);         ( 652621.7,
4187769.6,       6.8,       6.8,       0.0);
     ( 652639.1, 4187731.8,       6.8,       6.8,       0.0);         ( 652656.6,
4187694.0,       6.8,       6.8,       0.0);
     ( 652674.0, 4187656.1,       6.8,       6.8,       0.0);         ( 652691.5,
4187618.3,       6.8,       6.8,       0.0);
     ( 652708.9, 4187580.5,       6.8,       6.8,       0.0);         ( 652726.4,
4187542.6,       6.8,       6.8,       0.0);
     ( 652743.8, 4187504.8,       6.8,       6.8,       0.0);         ( 652761.3,
4187466.9,       6.8,       6.8,       0.0);
     ( 652778.7, 4187429.1,       6.8,       6.8,       0.0);         ( 652796.2,
4187391.3,       6.8,       6.8,       0.0);
     ( 652813.6, 4187353.4,       6.8,       6.8,       0.0);         ( 652831.1,
4187315.6,       6.8,       6.8,       0.0);
     ( 652848.5, 4187277.8,       6.8,       6.8,       0.0);         ( 652865.9,
4187239.9,       6.8,       6.8,       0.0);
     ( 652883.4, 4187202.1,       6.8,       6.8,       0.0);         ( 652900.8,
4187164.2,       6.8,       6.8,       0.0);
     ( 652918.3, 4187126.4,       6.8,       6.8,       0.0);         ( 652935.7,
4187088.6,       6.8,       6.8,       0.0);
     ( 652963.9, 4187062.3,       6.8,       6.8,       0.0);         ( 653002.9,
4187047.5,       6.9,       6.9,       0.0);
     ( 653041.9, 4187032.8,       7.0,       7.0,       0.0);         ( 653080.9,
4187018.0,       7.0,       7.0,       0.0);
     ( 653119.8, 4187003.3,       7.1,       7.1,       0.0);         ( 653158.8,
4186988.5,       7.1,       7.1,       0.0);
     ( 653197.8, 4186973.8,       7.2,       7.2,       0.0);         ( 653236.7,
4186959.0,       7.3,       7.3,       0.0);
     ( 653275.7, 4186944.3,       7.3,       7.3,       0.0);         ( 653314.7,
4186929.5,       7.4,       7.4,       0.0);
     ( 653353.6, 4186914.8,       7.5,       7.5,       0.0);         ( 653392.6,
4186900.0,       7.5,       7.5,       0.0);
     ( 653431.6, 4186885.3,       7.6,       7.6,       0.0);         ( 653470.5,
4186870.5,       7.7,       7.7,       0.0);
     ( 653509.5, 4186855.8,       7.8,       7.8,       0.0);         ( 653548.5,
4186841.1,       7.9,       7.9,       0.0);
     ( 653587.5, 4186826.3,       7.9,       7.9,       0.0);         ( 653626.4,
4186811.6,       8.0,       8.0,       0.0);
     ( 653665.4, 4186796.8,       8.0,       8.0,       0.0);         ( 652594.6,
4187847.3,       6.8,       6.8,       0.0);
     ( 652592.8, 4187889.1,       6.8,       6.8,       0.0);         ( 652591.0,
```

4187930.8,   6.8,   6.8,   0.0);
     (652354.5, 4187796.6,   6.8,   6.8,   0.0);   (652372.0,
4187758.7,   6.8,   6.8,   0.0);
     (652389.5, 4187720.8,   6.8,   6.8,   0.0);   (652406.9,
4187682.8,   6.8,   6.8,   0.0);
     (652424.4, 4187644.9,   6.8,   6.8,   0.0);   (652441.9,
4187607.0,   6.8,   6.8,   0.0);
     (652459.4, 4187569.1,   6.8,   6.8,   0.0);   (652476.9,
4187531.2,   6.8,   6.8,   0.0);
     (652494.3, 4187493.3,   6.8,   6.8,   0.0);   (652511.8,
4187455.4,   6.8,   6.8,   0.0);
     (652529.3, 4187417.5,   6.8,   6.8,   0.0);   (652546.8,
4187379.6,   6.8,   6.8,   0.0);
     (652564.2, 4187341.7,   6.8,   6.8,   0.0);   (652581.7,
4187303.8,   6.8,   6.8,   0.0);
     (652599.2, 4187265.8,   6.8,   6.8,   0.0);   (652616.7,
4187227.9,   6.8,   6.8,   0.0);
     (652634.2, 4187190.0,   6.8,   6.8,   0.0);   (652651.6,
4187152.1,   6.8,   6.8,   0.0);
     (652669.1, 4187114.2,   6.8,   6.8,   0.0);   (652686.6,
4187076.3,   6.8,   6.8,   0.0);
     (652704.1, 4187038.4,   6.8,   6.8,   0.0);   (652721.6,
4187000.5,   6.8,   6.8,   0.0);
     (652739.0, 4186962.6,   6.8,   6.8,   0.0);   (652756.5,
4186924.7,   6.8,   6.8,   0.0);
     (652793.5, 4186879.4,   6.8,   6.8,   0.0);   (652832.6,
4186864.6,   6.8,   6.8,   0.0);
     (652871.6, 4186849.8,   6.8,   6.8,   0.0);   (652910.6,
4186835.0,   6.8,   6.8,   0.0);
     (652949.7, 4186820.3,   6.8,   6.8,   0.0);   (652988.7,
4186805.5,   6.8,   6.8,   0.0);
     (653027.8, 4186790.7,   6.9,   6.9,   0.0);   (653066.8,
4186775.9,   6.9,   6.9,   0.0);
     (653105.9, 4186761.2,   7.0,   7.0,   0.0);   (653144.9,
4186746.4,   7.1,   7.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (653183.9, 4186731.6,   7.1,   7.1,   0.0);   (653223.0,
4186716.9,   7.2,   7.2,   0.0);
     (653262.0, 4186702.1,   7.3,   7.3,   0.0);   (653301.1,

```
4186687.3,       7.3,       7.3,       0.0);
     ( 653340.1, 4186672.5,       7.2,       7.2,       0.0);         ( 653379.2,
4186657.8,       7.2,       7.2,       0.0);
     ( 653418.2, 4186643.0,       7.2,       7.2,       0.0);         ( 653457.2,
4186628.2,       7.3,       7.3,       0.0);
     ( 653496.3, 4186613.4,       7.4,       7.4,       0.0);         ( 653535.3,
4186598.7,       7.5,       7.5,       0.0);
     ( 653574.4, 4186583.9,       7.6,       7.6,       0.0);         ( 653613.4,
4186569.1,       7.7,       7.7,       0.0);
     ( 653652.4, 4186554.3,       7.8,       7.8,       0.0);         ( 653691.5,
4186539.6,       7.9,       7.9,       0.0);
     ( 652344.8, 4187836.4,       6.8,       6.8,       0.0);         ( 652343.0,
4187878.2,       6.8,       6.8,       0.0);
     ( 652341.2, 4187919.9,       6.8,       6.8,       0.0);         ( 652104.7,
4187785.7,       6.8,       6.8,       0.0);
     ( 652122.2, 4187747.7,       6.8,       6.8,       0.0);         ( 652139.7,
4187709.8,       6.8,       6.8,       0.0);
     ( 652157.2, 4187671.8,       6.8,       6.8,       0.0);         ( 652174.7,
4187633.8,       6.8,       6.8,       0.0);
     ( 652192.2, 4187595.9,       6.8,       6.8,       0.0);         ( 652209.8,
4187557.9,       6.8,       6.8,       0.0);
     ( 652227.2, 4187520.0,       6.8,       6.8,       0.0);         ( 652244.8,
4187482.0,       6.8,       6.8,       0.0);
     ( 652262.2, 4187444.0,       6.8,       6.8,       0.0);         ( 652279.8,
4187406.1,       6.8,       6.8,       0.0);
     ( 652297.3, 4187368.1,       6.8,       6.8,       0.0);         ( 652314.8,
4187330.2,       6.8,       6.8,       0.0);
     ( 652332.3, 4187292.2,       6.8,       6.8,       0.0);         ( 652349.8,
4187254.3,       6.8,       6.8,       0.0);
     ( 652367.3, 4187216.3,       6.8,       6.8,       0.0);         ( 652384.8,
4187178.3,       6.8,       6.8,       0.0);
     ( 652402.3, 4187140.4,       6.8,       6.8,       0.0);         ( 652419.8,
4187102.4,       6.8,       6.8,       0.0);
     ( 652437.3, 4187064.5,       6.8,       6.8,       0.0);         ( 652454.8,
4187026.5,       6.8,       6.8,       0.0);
     ( 652472.3, 4186988.6,       6.8,       6.8,       0.0);         ( 652489.8,
4186950.6,       6.8,       6.8,       0.0);
     ( 652507.3, 4186912.6,       6.8,       6.8,       0.0);         ( 652524.8,
4186874.7,       6.8,       6.8,       0.0);
     ( 652542.3, 4186836.7,       6.8,       6.8,       0.0);         ( 652559.8,
4186798.8,       6.8,       6.8,       0.0);
     ( 652577.3, 4186760.8,       6.8,       6.8,       0.0);         ( 652594.8,
4186722.9,       6.8,       6.8,       0.0);
     ( 652623.1, 4186696.5,       6.8,       6.8,       0.0);         ( 652662.2,
4186681.7,       6.8,       6.8,       0.0);
     ( 652701.3, 4186666.9,       6.8,       6.8,       0.0);         ( 652740.4,
4186652.1,       6.8,       6.8,       0.0);
     ( 652779.5, 4186637.3,       6.8,       6.8,       0.0);         ( 652818.5,
4186622.5,       6.8,       6.8,       0.0);
     ( 652857.6, 4186607.7,       6.8,       6.8,       0.0);         ( 652896.7,
```

4186592.9,   6.9,   6.9,   0.0);
     (652935.8, 4186578.1,   6.9,   6.9,   0.0);   (652974.9,
4186563.3,   6.9,   6.9,   0.0);
     (653014.0, 4186548.6,   6.8,   6.8,   0.0);   (653053.1,
4186533.8,   6.8,   6.8,   0.0);
     (653092.2, 4186519.0,   6.9,   6.9,   0.0);   (653131.3,
4186504.2,   7.0,   7.0,   0.0);
     (653170.4, 4186489.4,   7.1,   7.1,   0.0);   (653209.5,
4186474.6,   7.1,   7.1,   0.0);
     (653248.6, 4186459.8,   7.2,   7.2,   0.0);   (653287.6,
4186445.0,   7.2,   7.2,   0.0);
     (653326.7, 4186430.2,   7.1,   7.1,   0.0);   (653365.8,
4186415.4,   7.2,   7.2,   0.0);
     (653404.9, 4186400.6,   7.4,   7.4,   0.0);   (653444.0,
4186385.8,   7.5,   7.5,   0.0);
     (653483.1, 4186371.0,   7.7,   7.7,   0.0);   (653522.2,
4186356.2,   7.8,   7.8,   0.0);
     (653561.3, 4186341.4,   7.8,   7.8,   0.0);   (653600.4,
4186326.6,   7.9,   7.9,   0.0);
     (653639.5, 4186311.9,   8.0,   8.0,   0.0);   (653678.6,
4186297.1,   8.0,   8.0,   0.0);
     (652095.1, 4187825.5,   6.8,   6.8,   0.0);   (652093.3,
4187867.3,   6.8,   6.8,   0.0);
     (652091.4, 4187909.0,   6.8,   6.8,   0.0);   (651854.9,
4187775.0,   6.8,   6.8,   0.0);
     (651872.1, 4187737.6,   6.8,   6.8,   0.0);   (651889.4,
4187700.2,   6.8,   6.8,   0.0);
     (651906.6, 4187662.7,   6.8,   6.8,   0.0);   (651923.9,
4187625.3,   6.8,   6.8,   0.0);
     (651941.2, 4187587.9,   6.8,   6.8,   0.0);   (651958.4,
4187550.4,   6.8,   6.8,   0.0);
     (651975.7, 4187513.0,   6.8,   6.8,   0.0);   (651992.9,
4187475.6,   6.8,   6.8,   0.0);
     (652010.2, 4187438.1,   6.8,   6.8,   0.0);   (652027.5,
4187400.7,   6.8,   6.8,   0.0);
     (652044.7, 4187363.3,   6.8,   6.8,   0.0);   (652062.0,
4187325.8,   6.8,   6.8,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (652079.2, 4187288.4,   6.8,   6.8,   0.0);   (652096.5,

```
4187251.0,       6.8,       6.8,       0.0);
     ( 652113.8, 4187213.5,       6.8,       6.8,       0.0);         ( 652131.0,
4187176.1,       6.8,       6.8,       0.0);
     ( 652148.3, 4187138.7,       6.8,       6.8,       0.0);         ( 652165.5,
4187101.2,       6.8,       6.8,       0.0);
     ( 652182.8, 4187063.8,       6.8,       6.8,       0.0);         ( 652200.1,
4187026.4,       6.8,       6.8,       0.0);
     ( 652217.3, 4186988.9,       6.8,       6.8,       0.0);         ( 652234.6,
4186951.5,       6.8,       6.8,       0.0);
     ( 652251.8, 4186914.1,       6.8,       6.8,       0.0);         ( 652269.1,
4186876.6,       6.8,       6.8,       0.0);
     ( 652286.4, 4186839.2,       6.8,       6.8,       0.0);         ( 652303.6,
4186801.8,       6.8,       6.8,       0.0);
     ( 652320.9, 4186764.3,       6.8,       6.8,       0.0);         ( 652338.1,
4186726.9,       6.8,       6.8,       0.0);
     ( 652355.4, 4186689.5,       6.8,       6.8,       0.0);         ( 652372.7,
4186652.0,       6.8,       6.8,       0.0);
     ( 652389.9, 4186614.6,       6.8,       6.8,       0.0);         ( 652407.2,
4186577.2,       6.8,       6.8,       0.0);
     ( 652424.5, 4186539.7,       6.8,       6.8,       0.0);         ( 652452.4,
4186513.7,       6.8,       6.8,       0.0);
     ( 652490.9, 4186499.1,       6.8,       6.8,       0.0);         ( 652529.5,
4186484.5,       6.8,       6.8,       0.0);
     ( 652568.0, 4186469.9,       6.8,       6.8,       0.0);         ( 652606.6,
4186455.4,       6.8,       6.8,       0.0);
     ( 652645.1, 4186440.8,       7.0,       7.0,       0.0);         ( 652683.7,
4186426.2,       7.1,       7.1,       0.0);
     ( 652722.2, 4186411.6,       7.1,       7.1,       0.0);         ( 652760.8,
4186397.0,       7.1,       7.1,       0.0);
     ( 652799.3, 4186382.4,       7.1,       7.1,       0.0);         ( 652837.9,
4186367.8,       7.1,       7.1,       0.0);
     ( 652876.4, 4186353.2,       7.0,       7.0,       0.0);         ( 652915.0,
4186338.6,       7.0,       7.0,       0.0);
     ( 652953.5, 4186324.0,       6.9,       6.9,       0.0);         ( 652992.1,
4186309.5,       6.9,       6.9,       0.0);
     ( 653030.7, 4186294.9,       6.8,       6.8,       0.0);         ( 653069.2,
4186280.3,       6.9,       6.9,       0.0);
     ( 653107.8, 4186265.7,       7.0,       7.0,       0.0);         ( 653146.3,
4186251.1,       7.2,       7.2,       0.0);
     ( 653184.9, 4186236.5,       7.4,       7.4,       0.0);         ( 653223.4,
4186221.9,       7.8,       7.8,       0.0);
     ( 653262.0, 4186207.3,       8.0,       8.0,       0.0);         ( 653300.5,
4186192.7,       8.1,       8.1,       0.0);
     ( 653339.1, 4186178.1,       8.1,       8.1,       0.0);         ( 653377.6,
4186163.6,       8.2,       8.2,       0.0);
     ( 653416.2, 4186149.0,       8.3,       8.3,       0.0);         ( 653454.7,
4186134.4,       8.3,       8.3,       0.0);
     ( 653493.3, 4186119.8,       8.3,       8.3,       0.0);         ( 653531.8,
4186105.2,       8.4,       8.4,       0.0);
     ( 653570.4, 4186090.6,       8.4,       8.4,       0.0);         ( 653608.9,
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4186076.0,   8.4,   8.4,   0.0);
     (653647.5, 4186061.4,   8.4,   8.4,   0.0);   (653686.1,
4186046.8,   8.4,   8.4,   0.0);
     (651845.3, 4187814.6,   6.8,   6.8,   0.0);   (651843.5,
4187856.4,   6.8,   6.8,   0.0);
     (651841.7, 4187898.2,   6.8,   6.8,   0.0);   (651355.4,
4187753.2,   6.4,   6.4,   0.0);
     (651372.7, 4187715.6,   6.5,   6.5,   0.0);   (651390.0,
4187678.0,   6.2,   6.2,   0.0);
     (651407.4, 4187640.4,   6.0,   6.0,   0.0);   (651424.7,
4187602.8,   5.8,   5.8,   0.0);
     (651442.1, 4187565.2,   5.8,   5.8,   0.0);   (651459.4,
4187527.6,   5.8,   5.8,   0.0);
     (651476.7, 4187490.0,   5.9,   5.9,   0.0);   (651494.1,
4187452.4,   6.0,   6.0,   0.0);
     (651511.4, 4187414.8,   6.1,   6.1,   0.0);   (651528.7,
4187377.2,   6.2,   6.2,   0.0);
     (651546.1, 4187339.6,   6.3,   6.3,   0.0);   (651563.4,
4187302.0,   6.3,   6.3,   0.0);
     (651580.7, 4187264.4,   6.4,   6.4,   0.0);   (651598.1,
4187226.8,   6.4,   6.4,   0.0);
     (651615.4, 4187189.2,   6.5,   6.5,   0.0);   (651632.8,
4187151.6,   6.5,   6.5,   0.0);
     (651650.1, 4187114.0,   6.6,   6.6,   0.0);   (651667.4,
4187076.4,   6.6,   6.6,   0.0);
     (651684.8, 4187038.8,   6.6,   6.6,   0.0);   (651702.1,
4187001.2,   6.7,   6.7,   0.0);
     (651719.4, 4186963.6,   6.7,   6.7,   0.0);   (651736.8,
4186926.0,   6.7,   6.7,   0.0);
     (651754.1, 4186888.4,   6.7,   6.7,   0.0);   (651771.4,
4186850.8,   6.8,   6.8,   0.0);
     (651788.8, 4186813.2,   6.8,   6.8,   0.0);   (651806.1,
4186775.6,   6.8,   6.8,   0.0);
     (651823.5, 4186738.0,   6.8,   6.8,   0.0);   (651840.8,
4186700.4,   6.8,   6.8,   0.0);
     (651858.1, 4186662.8,   6.8,   6.8,   0.0);   (651875.5,
4186625.2,   6.8,   6.8,   0.0);
     (651892.8, 4186587.6,   6.8,   6.8,   0.0);   (651910.1,
4186550.0,   6.8,   6.8,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

```
     ( 651927.5, 4186512.4,       6.8,       6.8,       0.0);         ( 651944.8,
4186474.8,       6.8,       6.8,       0.0);
     ( 651962.1, 4186437.2,       6.8,       6.8,       0.0);         ( 651979.5,
4186399.6,       6.8,       6.8,       0.0);
     ( 651996.8, 4186362.0,       7.1,       7.1,       0.0);         ( 652014.2,
4186324.4,       7.1,       7.1,       0.0);
     ( 652031.5, 4186286.8,       7.0,       7.0,       0.0);         ( 652048.8,
4186249.3,       6.8,       6.8,       0.0);
     ( 652066.2, 4186211.7,       6.8,       6.8,       0.0);         ( 652083.5,
4186174.1,       6.8,       6.8,       0.0);
     ( 652111.5, 4186147.9,       6.8,       6.8,       0.0);         ( 652150.2,
4186133.3,       6.8,       6.8,       0.0);
     ( 652189.0, 4186118.6,       6.8,       6.8,       0.0);         ( 652227.7,
4186104.0,       6.9,       6.9,       0.0);
     ( 652266.4, 4186089.3,       7.1,       7.1,       0.0);         ( 652305.1,
4186074.7,       7.3,       7.3,       0.0);
     ( 652343.9, 4186060.0,       7.5,       7.5,       0.0);         ( 652382.6,
4186045.3,       7.5,       7.5,       0.0);
     ( 652421.3, 4186030.7,       7.5,       7.5,       0.0);         ( 652460.0,
4186016.0,       7.5,       7.5,       0.0);
     ( 652498.8, 4186001.4,       7.4,       7.4,       0.0);         ( 652537.5,
4185986.7,       7.4,       7.4,       0.0);
     ( 652576.2, 4185972.1,       7.3,       7.3,       0.0);         ( 652614.9,
4185957.4,       7.2,       7.2,       0.0);
     ( 652653.6, 4185942.8,       7.1,       7.1,       0.0);         ( 652692.4,
4185928.1,       7.0,       7.0,       0.0);
     ( 652731.1, 4185913.5,       6.8,       6.8,       0.0);         ( 652769.8,
4185898.8,       6.8,       6.8,       0.0);
     ( 652808.5, 4185884.2,       6.8,       6.8,       0.0);         ( 652847.2,
4185869.5,       6.8,       6.8,       0.0);
     ( 652886.0, 4185854.8,       6.8,       6.8,       0.0);         ( 652924.7,
4185840.2,       6.8,       6.8,       0.0);
     ( 652963.4, 4185825.5,       6.8,       6.8,       0.0);         ( 653002.1,
4185810.9,       6.8,       6.8,       0.0);
     ( 653040.9, 4185796.2,       6.8,       6.8,       0.0);         ( 653079.6,
4185781.6,       6.9,       6.9,       0.0);
     ( 653118.3, 4185766.9,       6.9,       6.9,       0.0);         ( 653157.0,
4185752.3,       6.9,       6.9,       0.0);
     ( 653195.8, 4185737.6,       6.9,       6.9,       0.0);         ( 653234.5,
4185723.0,       6.8,       6.8,       0.0);
     ( 653273.2, 4185708.3,       6.8,       6.8,       0.0);         ( 653311.9,
4185693.7,       6.8,       6.8,       0.0);
     ( 653350.7, 4185679.0,       6.8,       6.8,       0.0);         ( 653389.4,
4185664.3,       6.8,       6.8,       0.0);
     ( 653428.1, 4185649.7,       6.8,       6.8,       0.0);         ( 653466.8,
4185635.0,       6.8,       6.8,       0.0);
     ( 653505.5, 4185620.4,       6.8,       6.8,       0.0);         ( 653544.3,
4185605.7,       6.8,       6.8,       0.0);
     ( 653583.0, 4185591.1,       6.8,       6.8,       0.0);         ( 653621.7,
```

4185576.4,   6.8,   6.8,   0.0);
     (653660.4, 4185561.8,   6.8,   6.8,   0.0);   (653699.2,
4185547.1,   6.8,   6.8,   0.0);
     (651345.8, 4187792.9,   6.1,   6.1,   0.0);   (651344.0,
4187834.6,   5.8,   5.8,   0.0);
     (651342.2, 4187876.4,   5.5,   5.5,   0.0);   (650855.9,
4187731.4,   5.5,   5.5,   0.0);
     (650873.2, 4187693.7,   5.3,   5.3,   0.0);   (650890.6,
4187655.9,   4.7,   4.7,   0.0);
     (650908.0, 4187618.2,   4.7,   4.7,   0.0);   (650925.4,
4187580.5,   4.8,   4.8,   0.0);
     (650942.8, 4187542.8,   5.0,   5.0,   0.0);   (650960.2,
4187505.1,   4.9,   4.9,   0.0);
     (650977.6, 4187467.4,   5.4,   5.4,   0.0);   (650995.0,
4187429.7,   5.2,   5.2,   0.0);
     (651012.3, 4187392.0,   5.7,   5.7,   0.0);   (651029.7,
4187354.3,   5.6,   5.6,   0.0);
     (651047.1, 4187316.6,   6.2,   6.2,   0.0);   (651064.5,
4187278.9,   5.8,   5.8,   0.0);
     (651081.9, 4187241.2,   6.1,   6.1,   0.0);   (651099.3,
4187203.5,   5.9,   5.9,   0.0);
     (651116.7, 4187165.8,   6.0,   6.0,   0.0);   (651134.0,
4187128.1,   5.8,   5.8,   0.0);
     (651151.4, 4187090.4,   5.5,   5.5,   0.0);   (651168.8,
4187052.7,   5.5,   5.5,   0.0);
     (651186.2, 4187014.9,   5.5,   5.5,   0.0);   (651203.6,
4186977.2,   5.5,   5.5,   0.0);
     (651221.0, 4186939.5,   5.5,   5.5,   0.0);   (651238.4,
4186901.8,   5.5,   5.5,   0.0);
     (651255.7, 4186864.1,   5.6,   5.6,   0.0);   (651273.1,
4186826.4,   5.7,   5.7,   0.0);
     (651290.5, 4186788.7,   5.8,   5.8,   0.0);   (651307.9,
4186751.0,   5.9,   5.9,   0.0);
     (651325.3, 4186713.3,   6.0,   6.0,   0.0);   (651342.7,
4186675.6,   6.1,   6.1,   0.0);
     (651360.1, 4186637.9,   6.2,   6.2,   0.0);   (651377.4,
4186600.2,   6.3,   6.3,   0.0);
     (651394.8, 4186562.5,   6.4,   6.4,   0.0);   (651412.2,
4186524.8,   6.5,   6.5,   0.0);
     (651429.6, 4186487.1,   6.6,   6.6,   0.0);   (651447.0,
4186449.4,   6.7,   6.7,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(651464.4, 4186411.7, 6.8, 6.8, 0.0); (651481.8, 4186373.9, 6.8, 6.8, 0.0);
(651499.2, 4186336.2, 6.9, 6.9, 0.0); (651516.5, 4186298.5, 6.9, 6.9, 0.0);
(651533.9, 4186260.8, 6.9, 6.9, 0.0); (651551.3, 4186223.1, 6.9, 6.9, 0.0);
(651568.7, 4186185.4, 6.7, 6.7, 0.0); (651586.1, 4186147.7, 6.5, 6.5, 0.0);
(651603.5, 4186110.0, 6.2, 6.2, 0.0); (651620.9, 4186072.3, 5.9, 5.9, 0.0);
(651638.2, 4186034.6, 5.6, 5.6, 0.0); (651655.6, 4185996.9, 5.5, 5.5, 0.0);
(651673.0, 4185959.2, 5.4, 5.4, 0.0); (651690.4, 4185921.5, 5.5, 5.5, 0.0);
(651707.8, 4185883.8, 5.4, 5.4, 0.0); (651725.2, 4185846.1, 5.5, 5.5, 0.0);
(651742.6, 4185808.4, 6.0, 6.0, 0.0); (651770.7, 4185782.2, 6.4, 6.4, 0.0);
(651809.5, 4185767.5, 5.5, 5.5, 0.0); (651848.3, 4185752.8, 5.7, 5.7, 0.0);
(651887.2, 4185738.1, 5.4, 5.4, 0.0); (651926.0, 4185723.4, 5.4, 5.4, 0.0);
(651964.8, 4185708.7, 5.4, 5.4, 0.0); (652003.7, 4185694.0, 5.4, 5.4, 0.0);
(652042.5, 4185679.3, 5.4, 5.4, 0.0); (652081.3, 4185664.6, 5.5, 5.5, 0.0);
(652120.2, 4185649.9, 5.5, 5.5, 0.0); (652159.0, 4185635.2, 5.5, 5.5, 0.0);
(652197.8, 4185620.5, 5.4, 5.4, 0.0); (652236.7, 4185605.8, 5.4, 5.4, 0.0);
(652275.5, 4185591.1, 5.5, 5.5, 0.0); (652314.3, 4185576.4, 5.4, 5.4, 0.0);
(652353.2, 4185561.7, 5.4, 5.4, 0.0); (652392.0, 4185547.0, 5.4, 5.4, 0.0);
(652430.8, 4185532.3, 5.5, 5.5, 0.0); (652469.7, 4185517.6, 5.6, 5.6, 0.0);
(652508.5, 4185502.9, 5.8, 5.8, 0.0); (652547.3, 4185488.2, 5.9, 5.9, 0.0);
(652586.2, 4185473.5, 6.1, 6.1, 0.0); (652625.0, 4185458.8, 6.2, 6.2, 0.0);
(652663.8, 4185444.1, 6.4, 6.4, 0.0); (652702.7, 4185429.5, 6.5, 6.5, 0.0);
(652741.5, 4185414.8, 6.6, 6.6, 0.0); (652780.3, 4185400.1, 6.7, 6.7, 0.0);
(652819.2, 4185385.4, 6.8, 6.8, 0.0); (652858.0, 4185370.7, 6.8, 6.8, 0.0);
(652896.8, 4185356.0, 6.8, 6.8, 0.0); (652935.7,

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4185341.3,       6.8,       6.8,       0.0);
     ( 652974.5, 4185326.6,       6.9,       6.9,       0.0);         ( 653013.3,
4185311.9,       6.8,       6.8,       0.0);
     ( 653052.2, 4185297.2,       6.8,       6.8,       0.0);         ( 653091.0,
4185282.5,       6.8,       6.8,       0.0);
     ( 653129.8, 4185267.8,       6.9,       6.9,       0.0);         ( 653168.7,
4185253.1,       6.9,       6.9,       0.0);
     ( 653207.5, 4185238.4,       7.0,       7.0,       0.0);         ( 653246.3,
4185223.7,       7.0,       7.0,       0.0);
     ( 653285.2, 4185209.0,       7.0,       7.0,       0.0);         ( 653324.0,
4185194.3,       7.0,       7.0,       0.0);
     ( 653362.8, 4185179.6,       7.1,       7.1,       0.0);         ( 653401.7,
4185164.9,       7.2,       7.2,       0.0);
     ( 653440.5, 4185150.2,       7.3,       7.3,       0.0);         ( 653479.3,
4185135.5,       7.4,       7.4,       0.0);
     ( 653518.2, 4185120.8,       7.5,       7.5,       0.0);         ( 653557.0,
4185106.1,       7.6,       7.6,       0.0);
     ( 653595.8, 4185091.4,       7.6,       7.6,       0.0);         ( 653634.7,
4185076.8,       7.7,       7.7,       0.0);
     ( 653673.5, 4185062.1,       7.7,       7.7,       0.0);         ( 653712.3,
4185047.4,       7.8,       7.8,       0.0);
     ( 650846.3, 4187771.1,       5.5,       5.5,       0.0);         ( 650844.4,
4187812.9,       5.2,       5.2,       0.0);
     ( 650842.6, 4187854.6,       5.9,       5.9,       0.0);         ( 650356.4,
4187709.6,       5.0,       9.9,       0.0);
     ( 650373.8, 4187671.8,       6.9,       9.3,       0.0);         ( 650391.2,
4187634.0,       8.5,       8.5,       0.0);
     ( 650408.6, 4187596.2,       7.5,       7.5,       0.0);         ( 650426.0,
4187558.4,       5.4,       5.4,       0.0);
     ( 650443.5, 4187520.6,       5.1,       5.1,       0.0);         ( 650460.9,
4187482.9,       5.0,       5.0,       0.0);
     ( 650478.3, 4187445.1,       5.2,       5.2,       0.0);         ( 650495.7,
4187407.3,       5.1,       5.1,       0.0);
     ( 650513.2, 4187369.5,       5.1,       5.1,       0.0);         ( 650530.6,
4187331.7,       5.5,       5.5,       0.0);
     ( 650548.0, 4187294.0,       5.4,       5.4,       0.0);         ( 650565.4,
4187256.2,       5.4,       5.4,       0.0);
     ( 650582.8, 4187218.4,       5.6,       5.6,       0.0);         ( 650600.2,
4187180.6,       5.5,       5.5,       0.0);
     ( 650617.7, 4187142.8,       5.4,       5.4,       0.0);         ( 650635.1,
4187105.0,       5.3,       5.3,       0.0);
     ( 650652.5, 4187067.3,       5.3,       5.3,       0.0);         ( 650669.9,
4187029.5,       5.3,       5.3,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(650687.4, 4186991.7, 5.3, 5.3, 0.0); (650704.8, 4186953.9, 5.3, 5.3, 0.0);
(650722.2, 4186916.1, 5.3, 5.3, 0.0); (650739.6, 4186878.4, 5.3, 5.3, 0.0);
(650757.0, 4186840.6, 5.4, 5.4, 0.0); (650774.5, 4186802.8, 5.5, 5.5, 0.0);
(650791.9, 4186765.0, 5.6, 5.6, 0.0); (650809.3, 4186727.2, 5.6, 5.6, 0.0);
(650826.7, 4186689.4, 5.7, 5.7, 0.0); (650844.1, 4186651.7, 5.7, 5.7, 0.0);
(650861.6, 4186613.9, 5.8, 5.8, 0.0); (650879.0, 4186576.1, 5.8, 5.8, 0.0);
(650896.4, 4186538.3, 5.7, 5.7, 0.0); (650913.8, 4186500.5, 5.7, 5.7, 0.0);
(650931.2, 4186462.8, 5.6, 5.6, 0.0); (650948.7, 4186425.0, 5.6, 5.6, 0.0);
(650966.1, 4186387.2, 5.5, 5.5, 0.0); (650983.5, 4186349.4, 5.5, 5.5, 0.0);
(651000.9, 4186311.6, 5.7, 5.7, 0.0); (651018.4, 4186273.8, 5.6, 5.6, 0.0);
(651035.8, 4186236.1, 5.7, 5.7, 0.0); (651053.2, 4186198.3, 5.5, 5.5, 0.0);
(651070.6, 4186160.5, 5.5, 5.5, 0.0); (651088.0, 4186122.7, 5.5, 5.5, 0.0);
(651105.5, 4186084.9, 5.4, 5.4, 0.0); (651122.9, 4186047.2, 5.4, 5.4, 0.0);
(651140.3, 4186009.4, 5.5, 5.5, 0.0); (651157.7, 4185971.6, 5.5, 5.5, 0.0);
(651175.1, 4185933.8, 5.7, 5.7, 0.0); (651192.6, 4185896.0, 5.6, 5.6, 0.0);
(651210.0, 4185858.2, 5.3, 5.3, 0.0); (651227.4, 4185820.5, 5.1, 5.1, 0.0);
(651244.8, 4185782.7, 5.1, 5.1, 0.0); (651262.2, 4185744.9, 5.1, 5.1, 0.0);
(651279.7, 4185707.1, 6.0, 6.0, 0.0); (651297.1, 4185669.3, 5.3, 5.3, 0.0);
(651314.5, 4185631.5, 5.1, 5.1, 0.0); (651331.9, 4185593.8, 5.0, 5.0, 0.0);
(651349.4, 4185556.0, 5.5, 5.5, 0.0); (651366.8, 4185518.2, 5.5, 5.5, 0.0);
(651384.2, 4185480.4, 5.3, 5.3, 0.0); (651401.6, 4185442.6, 5.4, 5.4, 0.0);
(651429.8, 4185416.4, 5.6, 5.6, 0.0); (651468.7, 4185401.7, 5.7, 5.7, 0.0);
(651507.6, 4185386.9, 5.7, 5.7, 0.0); (651546.5,

```
4185372.2,       5.8,       5.8,       0.0);
     ( 651585.4, 4185357.5,       5.6,       5.6,       0.0);         ( 651624.3,
4185342.8,       5.4,       5.4,       0.0);
     ( 651663.2, 4185328.0,       5.3,       5.3,       0.0);         ( 651702.2,
4185313.3,       5.1,       5.1,       0.0);
     ( 651741.1, 4185298.6,       5.3,       8.0,       0.0);         ( 651780.0,
4185283.9,       5.6,       5.6,       0.0);
     ( 651818.9, 4185269.1,       5.8,       5.8,       0.0);         ( 651857.8,
4185254.4,       5.8,       5.8,       0.0);
     ( 651896.7, 4185239.7,       5.8,       5.8,       0.0);         ( 651935.6,
4185225.0,       5.9,       5.9,       0.0);
     ( 651974.6, 4185210.2,       6.1,       6.1,       0.0);         ( 652013.5,
4185195.5,       5.9,       5.9,       0.0);
     ( 652052.4, 4185180.8,       5.9,       5.9,       0.0);         ( 652091.3,
4185166.1,       6.0,       6.0,       0.0);
     ( 652130.2, 4185151.3,       6.0,       6.0,       0.0);         ( 652169.1,
4185136.6,       6.1,       6.1,       0.0);
     ( 652208.0, 4185121.9,       6.2,       6.2,       0.0);         ( 652246.9,
4185107.1,       6.5,       6.5,       0.0);
     ( 652285.8, 4185092.4,       6.5,       6.5,       0.0);         ( 652324.8,
4185077.7,       6.6,       6.6,       0.0);
     ( 652363.7, 4185063.0,       6.7,       6.7,       0.0);         ( 652402.6,
4185048.2,       6.7,       6.7,       0.0);
     ( 652441.5, 4185033.5,       6.8,       6.8,       0.0);         ( 652480.4,
4185018.8,       6.8,       6.8,       0.0);
     ( 652519.3, 4185004.1,       7.0,       7.0,       0.0);         ( 652558.2,
4184989.3,       7.5,       7.5,       0.0);
     ( 652597.1, 4184974.6,       8.1,       8.1,       0.0);         ( 652636.0,
4184959.9,       8.5,       8.5,       0.0);
     ( 652675.0, 4184945.2,       8.6,       8.6,       0.0);         ( 652713.9,
4184930.4,       8.6,       8.6,       0.0);
     ( 652752.8, 4184915.7,       8.5,       8.5,       0.0);         ( 652791.7,
4184901.0,       8.6,       8.6,       0.0);
     ( 652830.6, 4184886.3,       8.6,       8.6,       0.0);         ( 652869.5,
4184871.5,       8.4,       8.4,       0.0);
     ( 652908.4, 4184856.8,       7.1,       7.1,       0.0);         ( 652947.3,
4184842.1,       6.3,       6.3,       0.0);
     ( 652986.2, 4184827.4,       8.6,       8.6,       0.0);         ( 653025.2,
4184812.6,       9.1,       9.1,       0.0);
     ( 653064.1, 4184797.9,       9.7,       9.7,       0.0);         ( 653103.0,
4184783.2,       7.9,       8.5,       0.0);
     ( 653141.9, 4184768.5,       8.4,       8.4,       0.0);         ( 653180.8,
4184753.7,       8.4,       8.4,       0.0);
     ( 653219.7, 4184739.0,       8.4,       8.4,       0.0);         ( 653258.6,
4184724.3,       8.4,       8.4,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653297.5, 4184709.6, 8.3, 8.3, 0.0); (653336.5, 4184694.8, 8.3, 8.3, 0.0);
(653375.4, 4184680.1, 8.3, 8.3, 0.0); (653414.3, 4184665.4, 8.2, 8.2, 0.0);
(653453.2, 4184650.7, 8.2, 8.2, 0.0); (653492.1, 4184635.9, 8.2, 8.2, 0.0);
(653531.0, 4184621.2, 8.3, 8.3, 0.0); (653569.9, 4184606.5, 8.3, 8.3, 0.0);
(653608.8, 4184591.8, 8.3, 8.3, 0.0); (653647.8, 4184577.0, 8.3, 8.3, 0.0);
(653686.7, 4184562.3, 8.3, 8.3, 0.0); (653725.6, 4184547.6, 8.4, 8.4, 0.0);
(650346.7, 4187749.3, 5.2, 5.2, 0.0); (650344.9, 4187791.1, 5.1, 5.1, 0.0);
(650343.1, 4187832.9, 5.2, 5.2, 0.0); (649856.8, 4187687.8, 3.6, 3.6, 0.0);
(649874.3, 4187649.9, 3.6, 3.6, 0.0); (649891.7, 4187612.1, 3.6, 3.6, 0.0);
(649909.2, 4187574.2, 3.7, 3.7, 0.0); (649926.6, 4187536.4, 4.1, 4.1, 0.0);
(649944.1, 4187498.6, 4.1, 4.1, 0.0); (649961.5, 4187460.7, 3.6, 3.6, 0.0);
(649979.0, 4187422.9, 3.6, 3.6, 0.0); (649996.4, 4187385.1, 3.6, 3.6, 0.0);
(650013.9, 4187347.2, 3.6, 3.6, 0.0); (650031.3, 4187309.4, 3.6, 3.6, 0.0);
(650048.8, 4187271.5, 3.6, 3.6, 0.0); (650066.2, 4187233.7, 3.6, 3.6, 0.0);
(650083.7, 4187195.9, 3.6, 3.6, 0.0); (650101.1, 4187158.0, 3.6, 3.6, 0.0);
(650118.6, 4187120.2, 4.3, 4.3, 0.0); (650136.0, 4187082.3, 4.3, 4.3, 0.0);
(650153.4, 4187044.5, 4.2, 4.2, 0.0); (650170.9, 4187006.7, 4.9, 4.9, 0.0);
(650188.3, 4186968.8, 6.8, 6.8, 0.0); (650205.8, 4186931.0, 5.6, 7.1, 0.0);
(650223.2, 4186893.2, 4.4, 4.4, 0.0); (650240.7, 4186855.3, 5.2, 5.2, 0.0);
(650258.1, 4186817.5, 5.4, 5.4, 0.0); (650275.6, 4186779.6, 5.4, 5.4, 0.0);
(650293.0, 4186741.8, 5.7, 5.7, 0.0); (650310.5, 4186704.0, 5.3, 5.3, 0.0);
(650327.9, 4186666.1, 5.6, 5.6, 0.0); (650345.4,

```
4186628.3,       5.1,       5.1,       0.0);
     ( 650362.8, 4186590.4,       5.6,       5.6,       0.0);         ( 650380.2,
4186552.6,       5.7,       5.7,       0.0);
     ( 650397.7, 4186514.8,       5.5,       5.5,       0.0);         ( 650415.2,
4186476.9,       5.3,       5.3,       0.0);
     ( 650432.6, 4186439.1,       5.4,       5.4,       0.0);         ( 650450.0,
4186401.3,       5.2,       5.2,       0.0);
     ( 650467.5, 4186363.4,       5.5,       5.5,       0.0);         ( 650484.9,
4186325.6,       5.2,       5.6,       0.0);
     ( 650502.4, 4186287.8,       5.1,       5.1,       0.0);         ( 650519.8,
4186249.9,       5.0,       5.0,       0.0);
     ( 650537.3, 4186212.1,       5.2,       5.2,       0.0);         ( 650554.7,
4186174.2,       5.5,       5.5,       0.0);
     ( 650572.2, 4186136.4,       5.2,       5.2,       0.0);         ( 650589.6,
4186098.5,       5.2,       5.2,       0.0);
     ( 650607.1, 4186060.7,       5.4,       5.4,       0.0);         ( 650624.5,
4186022.9,       5.7,       5.7,       0.0);
     ( 650642.0, 4185985.0,       5.6,       5.6,       0.0);         ( 650659.4,
4185947.2,       5.7,       5.7,       0.0);
     ( 650676.9, 4185909.4,       5.6,       5.6,       0.0);         ( 650694.3,
4185871.5,       5.4,       5.4,       0.0);
     ( 650711.7, 4185833.7,       5.5,       5.5,       0.0);         ( 650729.2,
4185795.8,       4.4,       4.4,       0.0);
     ( 650746.6, 4185758.0,       3.1,       3.1,       0.0);         ( 650764.1,
4185720.2,       4.4,       4.4,       0.0);
     ( 650781.5, 4185682.3,       4.8,       4.8,       0.0);         ( 650799.0,
4185644.5,       4.8,       4.8,       0.0);
     ( 650816.4, 4185606.7,       4.7,       4.7,       0.0);         ( 650833.9,
4185568.8,       4.7,       4.7,       0.0);
     ( 650851.3, 4185531.0,       4.9,       4.9,       0.0);         ( 650868.8,
4185493.1,       5.0,       5.0,       0.0);
     ( 650886.2, 4185455.3,       5.2,       5.2,       0.0);         ( 650903.7,
4185417.5,       4.9,       4.9,       0.0);
     ( 650921.1, 4185379.6,       4.5,       4.5,       0.0);         ( 650938.6,
4185341.8,       4.1,       4.1,       0.0);
     ( 650956.0, 4185303.9,       4.0,       4.0,       0.0);         ( 650973.5,
4185266.1,       3.8,       3.8,       0.0);
     ( 650990.9, 4185228.3,       4.1,       4.1,       0.0);         ( 651008.3,
4185190.4,       3.9,       3.9,       0.0);
     ( 651025.8, 4185152.6,       4.6,       4.6,       0.0);         ( 651043.2,
4185114.8,       4.7,       4.7,       0.0);
     ( 651060.7, 4185076.9,       5.7,       5.7,       0.0);         ( 651088.9,
4185050.6,       5.7,       5.7,       0.0);
     ( 651127.9, 4185035.9,       6.1,       6.1,       0.0);         ( 651166.8,
4185021.1,       5.4,       5.4,       0.0);
     ( 651205.8, 4185006.4,       5.3,       5.3,       0.0);         ( 651244.8,
4184991.6,       5.3,       5.3,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(651283.7, 4184976.9, 5.8, 5.8, 0.0); (651322.7, 4184962.1, 5.4, 5.4, 0.0);
(651361.7, 4184947.4, 5.6, 5.6, 0.0); (651400.7, 4184932.6, 5.6, 5.6, 0.0);
(651439.6, 4184917.9, 5.4, 5.4, 0.0); (651478.6, 4184903.1, 5.2, 5.2, 0.0);
(651517.6, 4184888.4, 5.3, 5.3, 0.0); (651556.5, 4184873.7, 5.6, 5.6, 0.0);
(651595.5, 4184858.9, 5.8, 5.8, 0.0); (651634.5, 4184844.2, 5.9, 5.9, 0.0);
(651673.4, 4184829.4, 5.9, 5.9, 0.0); (651712.4, 4184814.7, 5.9, 5.9, 0.0);
(651751.4, 4184799.9, 5.8, 5.8, 0.0); (651790.4, 4184785.2, 5.8, 5.8, 0.0);
(651829.3, 4184770.4, 5.7, 5.7, 0.0); (651868.3, 4184755.7, 5.6, 5.6, 0.0);
(651907.3, 4184740.9, 5.6, 5.6, 0.0); (651946.2, 4184726.2, 5.8, 5.8, 0.0);
(651985.2, 4184711.4, 6.1, 6.1, 0.0); (652024.2, 4184696.7, 6.3, 6.3, 0.0);
(652063.1, 4184681.9, 6.5, 6.5, 0.0); (652102.1, 4184667.2, 6.4, 6.4, 0.0);
(652141.1, 4184652.4, 6.5, 6.5, 0.0); (652180.1, 4184637.7, 6.5, 6.5, 0.0);
(652219.0, 4184622.9, 6.5, 6.5, 0.0); (652258.0, 4184608.2, 6.5, 6.5, 0.0);
(652297.0, 4184593.4, 6.5, 6.5, 0.0); (652335.9, 4184578.7, 6.6, 6.6, 0.0);
(652374.9, 4184564.0, 6.6, 6.6, 0.0); (652413.9, 4184549.2, 6.7, 6.7, 0.0);
(652452.8, 4184534.5, 6.7, 6.7, 0.0); (652491.8, 4184519.7, 6.7, 6.7, 0.0);
(652530.8, 4184505.0, 6.7, 6.7, 0.0); (652569.8, 4184490.2, 6.7, 6.7, 0.0);
(652608.7, 4184475.5, 6.8, 6.8, 0.0); (652647.7, 4184460.7, 6.8, 6.8, 0.0);
(652686.7, 4184446.0, 6.9, 6.9, 0.0); (652725.6, 4184431.2, 6.8, 6.8, 0.0);
(652764.6, 4184416.5, 6.9, 6.9, 0.0); (652803.6, 4184401.7, 7.0, 7.0, 0.0);
(652842.5, 4184387.0, 7.1, 7.1, 0.0); (652881.5,

```
4184372.2,       7.2,       7.2,       0.0);
     ( 652920.5, 4184357.5,       7.2,       7.2,       0.0);         ( 652959.4,
4184342.8,       7.0,       7.0,       0.0);
     ( 652998.4, 4184328.0,       6.8,       6.8,       0.0);         ( 653037.4,
4184313.2,       6.8,       6.8,       0.0);
     ( 653076.4, 4184298.5,       7.3,       7.3,       0.0);         ( 653115.3,
4184283.8,       7.5,       7.5,       0.0);
     ( 653154.3, 4184269.0,       7.5,       7.5,       0.0);         ( 653193.3,
4184254.3,       7.5,       7.5,       0.0);
     ( 653232.2, 4184239.5,       7.4,       7.4,       0.0);         ( 653271.2,
4184224.8,       7.4,       7.4,       0.0);
     ( 653310.2, 4184210.0,       7.4,       7.4,       0.0);         ( 653349.1,
4184195.3,       7.5,       7.5,       0.0);
     ( 653388.1, 4184180.5,       7.5,       7.5,       0.0);         ( 653427.1,
4184165.8,       7.5,       7.5,       0.0);
     ( 653466.1, 4184151.0,       7.7,       7.7,       0.0);         ( 653505.0,
4184136.3,       7.9,       7.9,       0.0);
     ( 653544.0, 4184121.5,       8.0,       8.0,       0.0);         ( 653583.0,
4184106.8,       8.1,       8.1,       0.0);
     ( 653621.9, 4184092.0,       8.2,       8.2,       0.0);         ( 653660.9,
4184077.3,       8.2,       8.2,       0.0);
     ( 653699.9, 4184062.5,       8.3,       8.3,       0.0);         ( 653738.8,
4184047.8,       8.9,       8.9,       0.0);
     ( 649847.2, 4187727.6,       3.6,       3.6,       0.0);         ( 649845.4,
4187769.3,       3.6,       3.6,       0.0);
     ( 649843.6, 4187811.1,       3.5,       3.5,       0.0);         ( 653669.0,
4187987.4,       8.2,       8.2,       0.0);
     ( 653652.2, 4188005.9,       8.1,       8.1,       0.0);         ( 653635.4,
4188024.4,       8.1,       8.1,       0.0);
     ( 653618.0, 4188041.5,       8.1,       8.1,       0.0);         ( 653608.6,
4188019.1,       8.1,       8.1,       0.0);
     ( 653599.3, 4187996.7,       8.1,       8.1,       0.0);         ( 653631.7,
4188061.0,       8.2,       8.2,       0.0);
     ( 653584.5, 4188079.0,       8.2,       8.2,       0.0);         ( 653575.6,
4188057.6,       8.1,       8.1,       0.0);
     ( 653566.7, 4188036.3,       8.1,       8.1,       0.0);         ( 653557.8,
4188014.9,       8.1,       8.1,       0.0);
     ( 653549.0, 4187993.5,       8.1,       8.1,       0.0);         ( 653598.1,
4188097.9,       8.2,       8.2,       0.0);
     ( 653550.7, 4188115.4,       8.2,       8.2,       0.0);         ( 653541.3,
4188093.1,       8.2,       8.2,       0.0);
     ( 653532.0, 4188070.7,       8.1,       8.1,       0.0);         ( 653522.7,
4188048.3,       8.1,       8.1,       0.0);
     ( 653513.4, 4188025.9,       8.0,       8.0,       0.0);         ( 653504.1,
4188003.6,       8.0,       8.0,       0.0);
     ( 653517.1, 4188152.7,       8.3,       8.3,       0.0);         ( 653508.1,
4188131.0,       8.2,       8.2,       0.0);
     ( 653499.0, 4188109.2,       8.1,       8.1,       0.0);         ( 653490.0,
4188087.5,       8.1,       8.1,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(653480.9, 4188065.7, 8.0, 8.0, 0.0); (653471.9, 4188044.0, 8.0, 8.0, 0.0);
(653462.8, 4188022.2, 7.9, 7.9, 0.0); (653453.7, 4188000.5, 7.8, 7.8, 0.0);
(653483.4, 4188189.4, 8.3, 8.3, 0.0); (653474.0, 4188167.0, 8.2, 8.2, 0.0);
(653464.7, 4188144.6, 8.1, 8.1, 0.0); (653455.4, 4188122.3, 8.1, 8.1, 0.0);
(653446.1, 4188099.9, 8.0, 8.0, 0.0); (653436.8, 4188077.5, 7.9, 7.9, 0.0);
(653427.5, 4188055.1, 7.8, 7.8, 0.0); (653418.2, 4188032.8, 7.8, 7.8, 0.0);
(653408.8, 4188010.4, 7.7, 7.7, 0.0); (653399.5, 4187988.0, 7.7, 7.7, 0.0);
(653449.8, 4188226.6, 8.0, 8.0, 0.0); (653440.7, 4188204.7, 8.0, 8.0, 0.0);
(653431.5, 4188182.8, 8.0, 8.0, 0.0); (653422.4, 4188160.8, 8.0, 8.0, 0.0);
(653413.3, 4188138.9, 7.9, 7.9, 0.0); (653404.2, 4188117.0, 7.8, 7.8, 0.0);
(653395.0, 4188095.0, 7.8, 7.8, 0.0); (653385.9, 4188073.1, 7.7, 7.7, 0.0);
(653376.8, 4188051.2, 7.7, 7.7, 0.0); (653367.6, 4188029.3, 7.6, 7.6, 0.0);
(653358.5, 4188007.3, 7.6, 7.6, 0.0); (653349.4, 4187985.4, 7.5, 7.5, 0.0);
(653382.3, 4188300.2, 7.2, 7.2, 0.0); (653372.9, 4188277.4, 7.2, 7.2, 0.0);
(653363.4, 4188254.7, 7.2, 7.2, 0.0); (653353.9, 4188232.0, 7.3, 7.3, 0.0);
(653344.5, 4188209.2, 7.3, 7.3, 0.0); (653335.0, 4188186.5, 7.4, 7.4, 0.0);
(653325.5, 4188163.8, 7.4, 7.4, 0.0); (653316.1, 4188141.0, 7.4, 7.4, 0.0);
(653306.6, 4188118.3, 7.4, 7.4, 0.0); (653297.1, 4188095.5, 7.4, 7.4, 0.0);
(653287.7, 4188072.8, 7.4, 7.4, 0.0); (653278.2, 4188050.1, 7.4, 7.4, 0.0);
(653268.7, 4188027.3, 7.3, 7.3, 0.0); (653259.3,

```
4188004.6,       7.3,       7.3,       0.0);
     ( 653249.8, 4187981.8,       7.3,       7.3,       0.0);         ( 653396.2,
4188319.8,       7.2,       7.2,       0.0);
     ( 653315.0, 4188374.2,       6.9,       6.9,       0.0);         ( 653305.6,
4188351.5,       6.8,       6.8,       0.0);
     ( 653296.2, 4188328.8,       6.8,       6.8,       0.0);         ( 653286.7,
4188306.1,       6.9,       6.9,       0.0);
     ( 653277.3, 4188283.5,       6.9,       6.9,       0.0);         ( 653267.8,
4188260.8,       6.9,       6.9,       0.0);
     ( 653258.4, 4188238.1,       7.0,       7.0,       0.0);         ( 653249.0,
4188215.5,       7.0,       7.0,       0.0);
     ( 653239.5, 4188192.8,       7.0,       7.0,       0.0);         ( 653230.1,
4188170.1,       7.1,       7.1,       0.0);
     ( 653220.7, 4188147.5,       7.1,       7.1,       0.0);         ( 653211.2,
4188124.8,       7.2,       7.2,       0.0);
     ( 653201.8, 4188102.1,       7.2,       7.2,       0.0);         ( 653192.4,
4188079.4,       7.2,       7.2,       0.0);
     ( 653182.9, 4188056.8,       7.2,       7.2,       0.0);         ( 653173.5,
4188034.1,       7.2,       7.2,       0.0);
     ( 653164.0, 4188011.4,       7.2,       7.2,       0.0);         ( 653154.6,
4187988.8,       7.2,       7.2,       0.0);
     ( 653328.9, 4188393.8,       6.9,       6.9,       0.0);         ( 653247.7,
4188448.1,       6.9,       6.9,       0.0);
     ( 653238.3, 4188425.5,       6.9,       6.9,       0.0);         ( 653228.9,
4188402.9,       6.9,       6.9,       0.0);
     ( 653219.5, 4188380.3,       6.9,       6.9,       0.0);         ( 653210.1,
4188357.6,       6.8,       6.8,       0.0);
     ( 653200.7, 4188335.0,       6.8,       6.8,       0.0);         ( 653191.2,
4188312.4,       6.8,       6.8,       0.0);
     ( 653181.8, 4188289.8,       6.8,       6.8,       0.0);         ( 653172.4,
4188267.1,       6.9,       6.9,       0.0);
     ( 653163.0, 4188244.5,       7.0,       7.0,       0.0);         ( 653153.6,
4188221.9,       7.0,       7.0,       0.0);
     ( 653144.1, 4188199.3,       7.0,       7.0,       0.0);         ( 653134.7,
4188176.6,       7.1,       7.1,       0.0);
     ( 653125.3, 4188154.0,       7.1,       7.1,       0.0);         ( 653115.9,
4188131.4,       7.1,       7.1,       0.0);
     ( 653106.5, 4188108.8,       7.1,       7.1,       0.0);         ( 653097.1,
4188086.2,       7.1,       7.1,       0.0);
     ( 653087.6, 4188063.5,       7.1,       7.1,       0.0);         ( 653078.2,
4188040.9,       7.1,       7.1,       0.0);
     ( 653068.8, 4188018.3,       7.1,       7.1,       0.0);         ( 653059.4,
4187995.7,       7.1,       7.1,       0.0);
     ( 653050.0, 4187973.0,       7.1,       7.1,       0.0);         ( 653180.4,
4188522.1,       6.8,       6.8,       0.0);
     ( 653171.0, 4188499.5,       6.8,       6.8,       0.0);         ( 653161.6,
4188476.9,       6.9,       6.9,       0.0);
     ( 653152.2, 4188454.3,       6.9,       6.9,       0.0);         ( 653142.8,
4188431.8,       6.9,       6.9,       0.0);
     ( 653133.4, 4188409.2,       6.9,       6.9,       0.0);         ( 653124.0,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 653114.6, 4188364.0,       6.8,       6.8,       0.0);         ( 653105.2,
4188341.4,       6.8,       6.8,       0.0);
     ( 653095.8, 4188318.8,       6.8,       6.8,       0.0);         ( 653086.4,
4188296.2,       6.8,       6.8,       0.0);
     ( 653077.0, 4188273.6,       6.9,       6.9,       0.0);         ( 653067.6,
4188251.0,       7.0,       7.0,       0.0);
     ( 653058.2, 4188228.4,       7.0,       7.0,       0.0);         ( 653048.8,
4188205.8,       7.0,       7.0,       0.0);
     ( 653039.4, 4188183.3,       7.0,       7.0,       0.0);         ( 653030.0,
4188160.7,       7.0,       7.0,       0.0);
     ( 653020.6, 4188138.1,       7.0,       7.0,       0.0);         ( 653011.2,
4188115.5,       7.0,       7.0,       0.0);
     ( 653001.8, 4188092.9,       7.0,       7.0,       0.0);         ( 652992.4,
4188070.3,       6.9,       6.9,       0.0);
     ( 652983.0, 4188047.7,       6.9,       6.9,       0.0);         ( 652973.6,
4188025.1,       6.9,       6.9,       0.0);
     ( 652964.1, 4188002.5,       6.9,       6.9,       0.0);         ( 652954.7,
4187979.9,       6.9,       6.9,       0.0);
     ( 653113.1, 4188596.1,       6.9,       6.9,       0.0);         ( 653103.8,
4188573.5,       6.8,       6.8,       0.0);
     ( 653094.4, 4188551.0,       6.8,       6.8,       0.0);         ( 653085.0,
4188528.4,       6.8,       6.8,       0.0);
     ( 653075.6, 4188505.8,       6.9,       6.9,       0.0);         ( 653066.2,
4188483.3,       6.9,       6.9,       0.0);
     ( 653056.8, 4188460.7,       6.9,       6.9,       0.0);         ( 653047.4,
4188438.1,       6.9,       6.9,       0.0);
     ( 653038.0, 4188415.6,       6.8,       6.8,       0.0);         ( 653028.6,
4188393.0,       6.8,       6.8,       0.0);
     ( 653019.2, 4188370.4,       6.8,       6.8,       0.0);         ( 653009.8,
4188347.9,       6.8,       6.8,       0.0);
     ( 653000.4, 4188325.3,       6.8,       6.8,       0.0);         ( 652991.0,
4188302.8,       6.8,       6.8,       0.0);
     ( 652981.6, 4188280.2,       6.9,       6.9,       0.0);         ( 652972.2,
4188257.6,       6.9,       6.9,       0.0);
     ( 652962.8, 4188235.0,       6.9,       6.9,       0.0);         ( 652953.5,
4188212.5,       6.9,       6.9,       0.0);
     ( 652944.1, 4188189.9,       6.9,       6.9,       0.0);         ( 652934.7,
```

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4188167.4,       6.9,       6.9,       0.0);
     ( 652925.3, 4188144.8,       6.8,       6.8,       0.0);         ( 652915.9,
4188122.2,       6.8,       6.8,       0.0);
     ( 652906.5, 4188099.7,       6.8,       6.8,       0.0);         ( 652897.1,
4188077.1,       6.8,       6.8,       0.0);
     ( 652887.7, 4188054.5,       6.8,       6.8,       0.0);         ( 652878.3,
4188032.0,       6.8,       6.8,       0.0);
     ( 652868.9, 4188009.4,       6.8,       6.8,       0.0);         ( 652859.5,
4187986.8,       6.8,       6.8,       0.0);
     ( 652850.1, 4187964.3,       6.8,       6.8,       0.0);         ( 653127.0,
4188615.7,       6.8,       6.8,       0.0);
     ( 652944.9, 4188780.9,       6.9,       6.9,       0.0);         ( 652935.4,
4188758.3,       6.9,       6.9,       0.0);
     ( 652926.0, 4188735.6,       6.9,       6.9,       0.0);         ( 652916.6,
4188712.9,       6.9,       6.9,       0.0);
     ( 652907.1, 4188690.3,       6.8,       6.8,       0.0);         ( 652897.7,
4188667.6,       6.8,       6.8,       0.0);
     ( 652888.2, 4188644.9,       6.8,       6.8,       0.0);         ( 652878.8,
4188622.3,       6.8,       6.8,       0.0);
     ( 652869.4, 4188599.6,       6.8,       6.8,       0.0);         ( 652859.9,
4188576.9,       6.8,       6.8,       0.0);
     ( 652850.5, 4188554.2,       6.8,       6.8,       0.0);         ( 652841.1,
4188531.6,       6.8,       6.8,       0.0);
     ( 652831.6, 4188508.9,       6.8,       6.8,       0.0);         ( 652822.2,
4188486.2,       6.8,       6.8,       0.0);
     ( 652812.7, 4188463.6,       6.8,       6.8,       0.0);         ( 652803.3,
4188440.9,       6.8,       6.8,       0.0);
     ( 652793.9, 4188418.2,       6.8,       6.8,       0.0);         ( 652784.4,
4188395.5,       6.8,       6.8,       0.0);
     ( 652775.0, 4188372.9,       6.8,       6.8,       0.0);         ( 652765.6,
4188350.2,       6.8,       6.8,       0.0);
     ( 652756.1, 4188327.5,       6.8,       6.8,       0.0);         ( 652746.7,
4188304.9,       6.8,       6.8,       0.0);
     ( 652737.2, 4188282.2,       6.8,       6.8,       0.0);         ( 652727.8,
4188259.5,       6.8,       6.8,       0.0);
     ( 652718.4, 4188236.9,       6.8,       6.8,       0.0);         ( 652708.9,
4188214.2,       6.8,       6.8,       0.0);
     ( 652699.5, 4188191.5,       6.8,       6.8,       0.0);         ( 652690.1,
4188168.8,       6.8,       6.8,       0.0);
     ( 652680.6, 4188146.2,       6.8,       6.8,       0.0);         ( 652671.2,
4188123.5,       6.8,       6.8,       0.0);
     ( 652661.7, 4188100.8,       6.8,       6.8,       0.0);         ( 652652.3,
4188078.2,       6.8,       6.8,       0.0);
     ( 652642.9, 4188055.5,       6.8,       6.8,       0.0);         ( 652633.4,
4188032.8,       6.8,       6.8,       0.0);
     ( 652624.0, 4188010.2,       6.8,       6.8,       0.0);         ( 652614.6,
4187987.5,       6.8,       6.8,       0.0);
     ( 652605.1, 4187964.8,       6.8,       6.8,       0.0);         ( 652776.6,
4188965.8,       6.8,       6.8,       0.0);
     ( 652767.1, 4188943.1,       6.8,       6.8,       0.0);         ( 652757.7,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(652729.3, 4188852.1, 6.8, 6.8, 0.0); (652719.8,
4188829.4, 6.8, 6.8, 0.0);
(652710.3, 4188806.7, 6.8, 6.8, 0.0); (652700.9,
4188783.9, 6.8, 6.8, 0.0);
(652691.4, 4188761.2, 6.8, 6.8, 0.0); (652681.9,
4188738.4, 6.8, 6.8, 0.0);
(652672.5, 4188715.7, 6.8, 6.8, 0.0); (652663.0,
4188693.0, 6.8, 6.8, 0.0);
(652653.5, 4188670.2, 6.8, 6.8, 0.0); (652644.1,
4188647.5, 6.8, 6.8, 0.0);
(652634.6, 4188624.8, 6.8, 6.8, 0.0); (652625.2,
4188602.0, 6.8, 6.8, 0.0);
(652615.7, 4188579.3, 6.8, 6.8, 0.0); (652606.2,
4188556.6, 6.8, 6.8, 0.0);
(652596.8, 4188533.8, 6.8, 6.8, 0.0); (652587.3,
4188511.1, 6.8, 6.8, 0.0);
(652577.8, 4188488.3, 6.8, 6.8, 0.0); (652568.4,
4188465.6, 6.8, 6.8, 0.0);
(652558.9, 4188442.9, 6.8, 6.8, 0.0); (652549.4,
4188420.1, 6.8, 6.8, 0.0);
(652540.0, 4188397.4, 6.8, 6.8, 0.0); (652530.5,
4188374.7, 6.8, 6.8, 0.0);
(652521.0, 4188351.9, 6.8, 6.8, 0.0); (652511.6,
4188329.2, 6.8, 6.8, 0.0);
(652502.1, 4188306.5, 6.8, 6.8, 0.0); (652492.6,
4188283.7, 6.8, 6.8, 0.0);
(652483.2, 4188261.0, 6.8, 6.8, 0.0); (652473.7,
4188238.2, 6.8, 6.8, 0.0);
(652464.2, 4188215.5, 6.8, 6.8, 0.0); (652454.8,
4188192.8, 6.8, 6.8, 0.0);
(652445.3, 4188170.0, 6.8, 6.8, 0.0); (652435.9,
4188147.3, 6.8, 6.8, 0.0);
(652426.4, 4188124.6, 6.8, 6.8, 0.0); (652416.9,
4188101.8, 6.8, 6.8, 0.0);
(652407.5, 4188079.1, 6.8, 6.8, 0.0); (652398.0,

```
4188056.3,       6.8,       6.8,       0.0);
     ( 652388.5, 4188033.6,       6.8,       6.8,       0.0);         ( 652379.1,
4188010.9,       6.8,       6.8,       0.0);
     ( 652369.6, 4187988.1,       6.8,       6.8,       0.0);         ( 652360.1,
4187965.4,       6.8,       6.8,       0.0);
     ( 652350.7, 4187942.7,       6.8,       6.8,       0.0);         ( 652608.4,
4189150.8,       6.8,       6.8,       0.0);
     ( 652599.0, 4189128.2,       6.8,       6.8,       0.0);         ( 652589.6,
4189105.6,       6.8,       6.8,       0.0);
     ( 652580.2, 4189083.1,       6.8,       6.8,       0.0);         ( 652570.8,
4189060.5,       6.8,       6.8,       0.0);
     ( 652561.4, 4189037.9,       6.8,       6.8,       0.0);         ( 652552.0,
4189015.3,       6.8,       6.8,       0.0);
     ( 652542.6, 4188992.8,       6.8,       6.8,       0.0);         ( 652533.2,
4188970.2,       6.8,       6.8,       0.0);
     ( 652523.8, 4188947.6,       6.8,       6.8,       0.0);         ( 652514.4,
4188925.0,       6.8,       6.8,       0.0);
     ( 652505.0, 4188902.4,       6.8,       6.8,       0.0);         ( 652495.6,
4188879.9,       6.8,       6.8,       0.0);
     ( 652486.2, 4188857.3,       6.8,       6.8,       0.0);         ( 652476.8,
4188834.7,       6.8,       6.8,       0.0);
     ( 652467.4, 4188812.1,       6.8,       6.8,       0.0);         ( 652458.0,
4188789.6,       6.8,       6.8,       0.0);
     ( 652448.6, 4188767.0,       6.8,       6.8,       0.0);         ( 652439.2,
4188744.4,       6.8,       6.8,       0.0);
     ( 652429.8, 4188721.8,       6.8,       6.8,       0.0);         ( 652420.4,
4188699.2,       6.8,       6.8,       0.0);
     ( 652411.0, 4188676.7,       6.8,       6.8,       0.0);         ( 652401.6,
4188654.1,       6.8,       6.8,       0.0);
     ( 652392.2, 4188631.5,       6.8,       6.8,       0.0);         ( 652382.8,
4188608.9,       6.8,       6.8,       0.0);
     ( 652373.4, 4188586.4,       6.8,       6.8,       0.0);         ( 652364.0,
4188563.8,       6.8,       6.8,       0.0);
     ( 652354.6, 4188541.2,       6.8,       6.8,       0.0);         ( 652345.2,
4188518.6,       6.8,       6.8,       0.0);
     ( 652335.8, 4188496.1,       6.8,       6.8,       0.0);         ( 652326.4,
4188473.5,       6.8,       6.8,       0.0);
     ( 652317.0, 4188450.9,       6.8,       6.8,       0.0);         ( 652307.6,
4188428.3,       6.8,       6.8,       0.0);
     ( 652298.2, 4188405.8,       6.8,       6.8,       0.0);         ( 652288.8,
4188383.2,       6.8,       6.8,       0.0);
     ( 652279.4, 4188360.6,       6.8,       6.8,       0.0);         ( 652270.0,
4188338.0,       6.8,       6.8,       0.0);
     ( 652260.6, 4188315.4,       6.8,       6.8,       0.0);         ( 652251.2,
4188292.9,       6.8,       6.8,       0.0);
     ( 652241.8, 4188270.3,       6.8,       6.8,       0.0);         ( 652232.4,
4188247.7,       6.8,       6.8,       0.0);
     ( 652223.0, 4188225.1,       6.8,       6.8,       0.0);         ( 652213.6,
4188202.5,       6.8,       6.8,       0.0);
     ( 652204.2, 4188180.0,       6.8,       6.8,       0.0);         ( 652194.8,
```

4188157.4,   6.8,   6.8,   0.0);
     (652185.4, 4188134.8,   6.8,   6.8,   0.0);   (652176.0,
4188112.2,   6.8,   6.8,   0.0);
     (652166.6, 4188089.7,   6.8,   6.8,   0.0);   (652157.2,
4188067.1,   6.8,   6.8,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (652147.8, 4188044.5,   6.8,   6.8,   0.0);   (652138.4,
4188021.9,   6.8,   6.8,   0.0);
     (652129.0, 4187999.4,   6.8,   6.8,   0.0);   (652119.6,
4187976.8,   6.8,   6.8,   0.0);
     (652110.2, 4187954.2,   6.8,   6.8,   0.0);   (652100.8,
4187931.6,   6.8,   6.8,   0.0);
     (652622.2, 4189170.4,   6.8,   6.8,   0.0);   (652440.1,
4189335.7,   6.8,   6.8,   0.0);
     (652430.7, 4189313.0,   6.8,   6.8,   0.0);   (652421.2,
4189290.4,   6.8,   6.8,   0.0);
     (652411.8, 4189267.8,   6.8,   6.8,   0.0);   (652402.4,
4189245.1,   6.8,   6.8,   0.0);
     (652393.0, 4189222.5,   6.8,   6.8,   0.0);   (652383.6,
4189199.8,   6.8,   6.8,   0.0);
     (652374.1, 4189177.2,   6.8,   6.8,   0.0);   (652364.7,
4189154.6,   6.8,   6.8,   0.0);
     (652355.3, 4189131.9,   6.8,   6.8,   0.0);   (652345.9,
4189109.3,   6.8,   6.8,   0.0);
     (652336.4, 4189086.6,   6.8,   6.8,   0.0);   (652327.0,
4189064.0,   6.8,   6.8,   0.0);
     (652317.6, 4189041.4,   6.8,   6.8,   0.0);   (652308.2,
4189018.7,   6.8,   6.8,   0.0);
     (652298.7, 4188996.1,   6.8,   6.8,   0.0);   (652289.3,
4188973.5,   6.8,   6.8,   0.0);
     (652279.9, 4188950.8,   6.8,   6.8,   0.0);   (652270.5,
4188928.2,   6.8,   6.8,   0.0);
     (652261.0, 4188905.5,   6.8,   6.8,   0.0);   (652251.6,
4188882.9,   6.8,   6.8,   0.0);
     (652242.2, 4188860.3,   6.8,   6.8,   0.0);   (652232.8,
4188837.6,   6.8,   6.8,   0.0);
     (652223.3, 4188815.0,   6.8,   6.8,   0.0);   (652213.9,
4188792.4,   6.8,   6.8,   0.0);
     (652204.5, 4188769.7,   6.8,   6.8,   0.0);   (652195.1,

```
4188747.1,       6.8,       6.8,       0.0);
     ( 652185.7, 4188724.4,       6.8,       6.8,       0.0);         ( 652176.2,
4188701.8,       6.8,       6.8,       0.0);
     ( 652166.8, 4188679.2,       6.8,       6.8,       0.0);         ( 652157.4,
4188656.5,       6.8,       6.8,       0.0);
     ( 652148.0, 4188633.9,       6.8,       6.8,       0.0);         ( 652138.5,
4188611.3,       6.8,       6.8,       0.0);
     ( 652129.1, 4188588.6,       6.8,       6.8,       0.0);         ( 652119.7,
4188566.0,       6.8,       6.8,       0.0);
     ( 652110.2, 4188543.3,       6.8,       6.8,       0.0);         ( 652100.8,
4188520.7,       6.8,       6.8,       0.0);
     ( 652091.4, 4188498.1,       6.8,       6.8,       0.0);         ( 652082.0,
4188475.4,       6.8,       6.8,       0.0);
     ( 652072.6, 4188452.8,       6.8,       6.8,       0.0);         ( 652063.1,
4188430.2,       6.8,       6.8,       0.0);
     ( 652053.7, 4188407.5,       6.8,       6.8,       0.0);         ( 652044.3,
4188384.9,       6.8,       6.8,       0.0);
     ( 652034.9, 4188362.2,       6.8,       6.8,       0.0);         ( 652025.4,
4188339.6,       6.8,       6.8,       0.0);
     ( 652016.0, 4188317.0,       6.8,       6.8,       0.0);         ( 652006.6,
4188294.3,       6.8,       6.8,       0.0);
     ( 651997.2, 4188271.7,       6.8,       6.8,       0.0);         ( 651987.7,
4188249.0,       6.8,       6.8,       0.0);
     ( 651978.3, 4188226.4,       6.8,       6.8,       0.0);         ( 651968.9,
4188203.8,       6.8,       6.8,       0.0);
     ( 651959.5, 4188181.1,       6.8,       6.8,       0.0);         ( 651950.1,
4188158.5,       6.8,       6.8,       0.0);
     ( 651940.6, 4188135.9,       6.8,       6.8,       0.0);         ( 651931.2,
4188113.2,       6.8,       6.8,       0.0);
     ( 651921.8, 4188090.6,       6.8,       6.8,       0.0);         ( 651912.4,
4188067.9,       6.8,       6.8,       0.0);
     ( 651902.9, 4188045.3,       6.8,       6.8,       0.0);         ( 651893.5,
4188022.7,       6.8,       6.8,       0.0);
     ( 651884.1, 4188000.0,       6.8,       6.8,       0.0);         ( 651874.7,
4187977.4,       6.8,       6.8,       0.0);
     ( 651865.2, 4187954.8,       6.8,       6.8,       0.0);         ( 651855.8,
4187932.1,       6.8,       6.8,       0.0);
     ( 652103.6, 4189705.4,       6.8,       6.8,       0.0);         ( 652094.1,
4189682.7,       6.8,       6.8,       0.0);
     ( 652084.6, 4189660.0,       6.8,       6.8,       0.0);         ( 652075.2,
4189637.3,       6.8,       6.8,       0.0);
     ( 652065.7, 4189614.5,       6.8,       6.8,       0.0);         ( 652056.3,
4189591.8,       6.8,       6.8,       0.0);
     ( 652046.8, 4189569.1,       6.8,       6.8,       0.0);         ( 652037.4,
4189546.4,       6.8,       6.8,       0.0);
     ( 652027.9, 4189523.7,       6.8,       6.8,       0.0);         ( 652018.4,
4189500.9,       6.8,       6.8,       0.0);
     ( 652009.0, 4189478.2,       6.8,       6.8,       0.0);         ( 651999.5,
4189455.5,       6.8,       6.8,       0.0);
     ( 651990.1, 4189432.8,       6.8,       6.8,       0.0);         ( 651980.6,
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4189410.1,   6.8,   6.8,   0.0);
     (651971.1, 4189387.3,   6.8,   6.8,   0.0);   (651961.7,
4189364.6,   6.8,   6.8,   0.0);
     (651952.2, 4189341.9,   6.8,   6.8,   0.0);   (651942.8,
4189319.2,   6.8,   6.8,   0.0);
     (651933.3, 4189296.5,   6.8,   6.8,   0.0);   (651923.8,
4189273.7,   6.8,   6.8,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (651914.4, 4189251.0,   6.8,   6.8,   0.0);   (651904.9,
4189228.3,   6.8,   6.8,   0.0);
     (651895.5, 4189205.6,   6.8,   6.8,   0.0);   (651886.0,
4189182.8,   6.8,   6.8,   0.0);
     (651876.6, 4189160.1,   6.8,   6.8,   0.0);   (651867.1,
4189137.4,   6.8,   6.8,   0.0);
     (651857.6, 4189114.7,   6.8,   6.8,   0.0);   (651848.2,
4189092.0,   6.8,   6.8,   0.0);
     (651838.7, 4189069.2,   6.8,   6.8,   0.0);   (651829.3,
4189046.5,   6.8,   6.8,   0.0);
     (651819.8, 4189023.8,   6.8,   6.8,   0.0);   (651810.3,
4189001.1,   6.8,   6.8,   0.0);
     (651800.9, 4188978.4,   6.8,   6.8,   0.0);   (651791.4,
4188955.6,   6.9,   6.9,   0.0);
     (651782.0, 4188932.9,   6.5,   6.5,   0.0);   (651772.5,
4188910.2,   5.4,   6.6,   0.0);
     (651763.1, 4188887.5,   5.2,   5.2,   0.0);   (651753.6,
4188864.8,   5.2,   5.2,   0.0);
     (651744.1, 4188842.0,   5.2,   5.2,   0.0);   (651734.7,
4188819.3,   5.2,   5.2,   0.0);
     (651725.2, 4188796.6,   5.2,   5.2,   0.0);   (651715.8,
4188773.9,   5.3,   5.3,   0.0);
     (651706.3, 4188751.1,   5.3,   5.3,   0.0);   (651696.8,
4188728.4,   5.3,   5.3,   0.0);
     (651687.4, 4188705.7,   5.2,   5.2,   0.0);   (651677.9,
4188683.0,   5.2,   5.2,   0.0);
     (651668.5, 4188660.3,   5.1,   5.1,   0.0);   (651659.0,
4188637.5,   5.1,   5.1,   0.0);
     (651649.6, 4188614.8,   5.1,   5.1,   0.0);   (651640.1,
4188592.1,   5.1,   5.1,   0.0);
     (651630.6, 4188569.4,   5.1,   5.1,   0.0);   (651621.2,

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4188546.7,       5.2,       5.2,       0.0);
     ( 651611.7, 4188523.9,       5.2,       5.2,       0.0);         ( 651602.3,
4188501.2,       5.2,       5.2,       0.0);
     ( 651592.8, 4188478.5,       5.3,       5.3,       0.0);         ( 651583.3,
4188455.8,       5.3,       5.3,       0.0);
     ( 651573.9, 4188433.1,       5.4,       5.4,       0.0);         ( 651564.4,
4188410.3,       5.5,       5.5,       0.0);
     ( 651555.0, 4188387.6,       5.7,       5.7,       0.0);         ( 651545.5,
4188364.9,       5.8,       5.8,       0.0);
     ( 651536.1, 4188342.2,       5.8,       5.8,       0.0);         ( 651526.6,
4188319.5,       5.8,       5.8,       0.0);
     ( 651517.1, 4188296.7,       5.8,       5.8,       0.0);         ( 651507.7,
4188274.0,       5.7,       5.7,       0.0);
     ( 651498.2, 4188251.3,       5.7,       5.7,       0.0);         ( 651488.8,
4188228.6,       5.5,       5.5,       0.0);
     ( 651479.3, 4188205.8,       5.4,       5.4,       0.0);         ( 651469.8,
4188183.1,       5.3,       5.3,       0.0);
     ( 651460.4, 4188160.4,       5.3,       5.3,       0.0);         ( 651450.9,
4188137.7,       5.3,       5.3,       0.0);
     ( 651441.5, 4188115.0,       5.3,       5.3,       0.0);         ( 651432.0,
4188092.2,       5.3,       5.3,       0.0);
     ( 651422.6, 4188069.5,       5.3,       5.3,       0.0);         ( 651413.1,
4188046.8,       5.3,       5.3,       0.0);
     ( 651403.6, 4188024.1,       5.3,       5.3,       0.0);         ( 651394.2,
4188001.4,       5.2,       5.2,       0.0);
     ( 651384.7, 4187978.6,       5.3,       5.3,       0.0);         ( 651375.2,
4187955.9,       5.3,       5.3,       0.0);
     ( 651365.8, 4187933.2,       5.4,       5.4,       0.0);         ( 651356.3,
4187910.5,       5.5,       5.5,       0.0);
     ( 652117.4, 4189725.1,       6.8,       6.8,       0.0);         ( 651767.1,
4190075.3,       6.8,       6.8,       0.0);
     ( 651757.6, 4190052.6,       6.8,       6.8,       0.0);         ( 651748.2,
4190029.9,       6.7,       6.7,       0.0);
     ( 651738.8, 4190007.3,       6.7,       6.7,       0.0);         ( 651729.3,
4189984.6,       6.7,       6.7,       0.0);
     ( 651719.9, 4189962.0,       6.6,       6.6,       0.0);         ( 651710.5,
4189939.3,       6.6,       6.6,       0.0);
     ( 651701.0, 4189916.6,       6.5,       6.5,       0.0);         ( 651691.6,
4189894.0,       6.5,       6.5,       0.0);
     ( 651682.2, 4189871.3,       6.4,       6.4,       0.0);         ( 651672.7,
4189848.7,       6.3,       6.3,       0.0);
     ( 651663.3, 4189826.0,       6.2,       6.2,       0.0);         ( 651653.9,
4189803.3,       6.0,       6.0,       0.0);
     ( 651644.4, 4189780.7,       5.8,       5.8,       0.0);         ( 651635.0,
4189758.0,       5.5,       5.5,       0.0);
     ( 651625.6, 4189735.4,       5.3,       5.3,       0.0);         ( 651616.1,
4189712.7,       5.3,       5.3,       0.0);
     ( 651606.7, 4189690.0,       5.3,       5.3,       0.0);         ( 651597.3,
4189667.4,       5.3,       5.3,       0.0);
     ( 651587.8, 4189644.7,       5.3,       5.3,       0.0);         ( 651578.4,
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4189622.1,   5.4,   5.4,   0.0);
     (651569.0, 4189599.4,   5.4,   5.4,   0.0);   (651559.5,
4189576.8,   5.5,   5.5,   0.0);
     (651550.1, 4189554.1,   5.7,   5.7,   0.0);   (651540.7,
4189531.4,   5.8,   5.8,   0.0);
     (651531.2, 4189508.8,   5.9,   5.9,   0.0);   (651521.8,
4189486.1,   6.0,   6.0,   0.0);
     (651512.4, 4189463.5,   6.0,   6.0,   0.0);   (651502.9,
4189440.8,   6.1,   6.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     (651493.5, 4189418.1,   6.1,   6.1,   0.0);   (651484.1,
4189395.5,   6.1,   6.1,   0.0);
     (651474.6, 4189372.8,   6.0,   6.0,   0.0);   (651465.2,
4189350.2,   6.0,   6.0,   0.0);
     (651455.8, 4189327.5,   5.9,   5.9,   0.0);   (651446.3,
4189304.8,   5.9,   5.9,   0.0);
     (651436.9, 4189282.2,   5.8,   5.8,   0.0);   (651427.5,
4189259.5,   5.7,   5.7,   0.0);
     (651418.0, 4189236.9,   5.6,   5.6,   0.0);   (651408.6,
4189214.2,   5.6,   5.6,   0.0);
     (651399.2, 4189191.5,   5.5,   5.5,   0.0);   (651389.7,
4189168.9,   5.4,   5.4,   0.0);
     (651380.3, 4189146.2,   5.3,   5.3,   0.0);   (651370.9,
4189123.6,   5.3,   5.3,   0.0);
     (651361.4, 4189100.9,   5.2,   5.2,   0.0);   (651352.0,
4189078.2,   5.1,   5.1,   0.0);
     (651342.6, 4189055.6,   5.0,   5.0,   0.0);   (651333.1,
4189032.9,   5.0,   5.0,   0.0);
     (651323.7, 4189010.3,   4.9,   4.9,   0.0);   (651314.3,
4188987.6,   4.9,   4.9,   0.0);
     (651304.8, 4188964.9,   4.9,   4.9,   0.0);   (651295.4,
4188942.3,   4.9,   4.9,   0.0);
     (651286.0, 4188919.6,   5.0,   5.0,   0.0);   (651276.5,
4188897.0,   5.0,   5.0,   0.0);
     (651267.1, 4188874.3,   5.1,   5.1,   0.0);   (651257.7,
4188851.6,   5.3,   5.3,   0.0);
     (651248.2, 4188829.0,   5.3,   5.3,   0.0);   (651238.8,
4188806.3,   5.3,   5.3,   0.0);
     (651229.4, 4188783.7,   5.3,   5.3,   0.0);   (651219.9,

```
4188761.0,       5.4,       5.4,       0.0);
     ( 651210.5, 4188738.3,       5.4,       5.4,       0.0);         ( 651201.1,
4188715.7,       5.1,       5.1,       0.0);
     ( 651191.6, 4188693.0,       5.0,       5.0,       0.0);         ( 651182.2,
4188670.4,       4.9,       4.9,       0.0);
     ( 651172.8, 4188647.7,       4.9,       4.9,       0.0);         ( 651163.3,
4188625.0,       4.9,       4.9,       0.0);
     ( 651153.9, 4188602.4,       5.0,       5.0,       0.0);         ( 651144.5,
4188579.7,       5.0,       5.0,       0.0);
     ( 651135.0, 4188557.1,       5.0,       5.0,       0.0);         ( 651125.6,
4188534.4,       5.0,       5.0,       0.0);
     ( 651116.2, 4188511.8,       5.1,       5.1,       0.0);         ( 651106.7,
4188489.1,       5.2,       5.2,       0.0);
     ( 651097.3, 4188466.4,       5.2,       5.2,       0.0);         ( 651087.9,
4188443.8,       5.4,       5.4,       0.0);
     ( 651078.5, 4188421.1,       5.5,       5.5,       0.0);         ( 651069.0,
4188398.5,       5.5,       5.5,       0.0);
     ( 651059.6, 4188375.8,       5.6,       5.6,       0.0);         ( 651050.2,
4188353.1,       5.4,       5.4,       0.0);
     ( 651040.7, 4188330.5,       5.2,       5.2,       0.0);         ( 651031.3,
4188307.8,       5.0,       5.0,       0.0);
     ( 651021.9, 4188285.2,       4.9,       4.9,       0.0);         ( 651012.4,
4188262.5,       4.9,       4.9,       0.0);
     ( 651003.0, 4188239.8,       4.9,       4.9,       0.0);         ( 650993.6,
4188217.2,       5.0,       5.0,       0.0);
     ( 650984.1, 4188194.5,       5.0,       5.0,       0.0);         ( 650974.7,
4188171.9,       5.1,       5.1,       0.0);
     ( 650965.2, 4188149.2,       5.1,       5.1,       0.0);         ( 650955.8,
4188126.5,       5.2,       5.2,       0.0);
     ( 650946.4, 4188103.9,       5.2,       5.2,       0.0);         ( 650937.0,
4188081.2,       5.3,       5.3,       0.0);
     ( 650927.5, 4188058.6,       5.2,       5.2,       0.0);         ( 650918.1,
4188035.9,       5.1,       5.1,       0.0);
     ( 650908.7, 4188013.2,       5.0,       5.0,       0.0);         ( 650899.2,
4187990.6,       5.0,       5.0,       0.0);
     ( 650889.8, 4187967.9,       5.4,       5.4,       0.0);         ( 650880.4,
4187945.3,       5.8,       5.8,       0.0);
     ( 650870.9, 4187922.6,       6.0,       6.0,       0.0);         ( 650861.5,
4187899.9,       5.8,       5.8,       0.0);
     ( 650852.1, 4187877.3,       6.0,       6.0,       0.0);         ( 651780.9,
4190094.9,       6.8,       6.8,       0.0);
     ( 651430.5, 4190445.0,       5.3,       5.3,       0.0);         ( 651421.1,
4190422.3,       5.3,       5.3,       0.0);
     ( 651411.6, 4190399.6,       5.3,       5.3,       0.0);         ( 651402.2,
4190376.9,       5.3,       5.3,       0.0);
     ( 651392.7, 4190354.2,       5.3,       5.3,       0.0);         ( 651383.2,
4190331.5,       5.3,       5.3,       0.0);
     ( 651373.8, 4190308.8,       5.3,       5.3,       0.0);         ( 651364.3,
4190286.0,       5.4,       5.4,       0.0);
     ( 651354.9, 4190263.3,       5.5,       5.5,       0.0);         ( 651345.4,
```

4190240.6, 5.6, 5.6, 0.0);
     (651336.0, 4190217.9, 5.7, 5.7, 0.0); (651326.5,
4190195.2, 5.8, 5.8, 0.0);
     (651317.1, 4190172.5, 5.8, 5.8, 0.0); (651307.6,
4190149.8, 5.9, 5.9, 0.0);
     (651298.1, 4190127.0, 5.9, 5.9, 0.0); (651288.7,
4190104.3, 5.9, 5.9, 0.0);
     (651279.2, 4190081.6, 5.9, 5.9, 0.0); (651269.8,
4190058.9, 5.8, 5.8, 0.0);
     (651260.3, 4190036.2, 5.8, 5.8, 0.0); (651250.9,
4190013.5, 5.8, 5.8, 0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

     (651241.4, 4189990.8, 5.7, 5.7, 0.0); (651232.0,
4189968.0, 5.6, 5.6, 0.0);
     (651222.5, 4189945.3, 5.6, 5.6, 0.0); (651213.0,
4189922.6, 5.5, 5.5, 0.0);
     (651203.6, 4189899.9, 5.5, 5.5, 0.0); (651194.1,
4189877.2, 5.4, 5.4, 0.0);
     (651184.7, 4189854.5, 5.3, 5.3, 0.0); (651175.2,
4189831.8, 5.3, 5.3, 0.0);
     (651165.8, 4189809.0, 5.3, 5.3, 0.0); (651156.3,
4189786.3, 5.2, 5.2, 0.0);
     (651146.8, 4189763.6, 5.3, 5.3, 0.0); (651137.4,
4189740.9, 5.1, 5.1, 0.0);
     (651127.9, 4189718.2, 4.8, 4.8, 0.0); (651118.5,
4189695.5, 5.0, 5.0, 0.0);
     (651109.0, 4189672.8, 5.1, 5.1, 0.0); (651099.6,
4189650.0, 4.7, 4.7, 0.0);
     (651090.1, 4189627.3, 4.5, 4.5, 0.0); (651080.7,
4189604.6, 4.6, 4.6, 0.0);
     (651071.2, 4189581.9, 5.1, 5.1, 0.0); (651061.7,
4189559.2, 4.8, 4.8, 0.0);
     (651052.3, 4189536.5, 5.0, 5.0, 0.0); (651042.8,
4189513.7, 5.0, 5.0, 0.0);
     (651033.4, 4189491.0, 5.1, 5.1, 0.0); (651023.9,
4189468.3, 5.4, 5.4, 0.0);
     (651014.5, 4189445.6, 5.1, 5.1, 0.0); (651005.0,
4189422.9, 4.5, 4.5, 0.0);
     (650995.6, 4189400.2, 5.0, 5.0, 0.0); (650986.1,

```
4189377.5,       5.2,       5.2,       0.0);
     ( 650976.6, 4189354.7,       5.3,       5.3,       0.0);         ( 650967.2,
4189332.0,       5.3,       5.3,       0.0);
     ( 650957.7, 4189309.3,       5.1,       5.1,       0.0);         ( 650948.3,
4189286.6,       4.9,       4.9,       0.0);
     ( 650938.8, 4189263.9,       4.7,       4.7,       0.0);         ( 650929.4,
4189241.2,       5.3,       5.3,       0.0);
     ( 650919.9, 4189218.4,       5.2,       5.2,       0.0);         ( 650910.5,
4189195.7,       4.8,       4.8,       0.0);
     ( 650901.0, 4189173.0,       5.0,       5.0,       0.0);         ( 650891.5,
4189150.3,       5.2,       5.2,       0.0);
     ( 650882.1, 4189127.6,       5.2,       5.2,       0.0);         ( 650872.6,
4189104.9,       5.5,       5.5,       0.0);
     ( 650863.2, 4189082.2,       4.0,       4.0,       0.0);         ( 650853.7,
4189059.4,       4.2,       4.2,       0.0);
     ( 650844.3, 4189036.7,       4.5,       4.5,       0.0);         ( 650834.8,
4189014.0,       5.1,       5.1,       0.0);
     ( 650825.4, 4188991.3,       5.1,       5.1,       0.0);         ( 650815.9,
4188968.6,       5.3,       5.3,       0.0);
     ( 650806.4, 4188945.9,       5.3,       5.3,       0.0);         ( 650797.0,
4188923.2,       5.3,       5.3,       0.0);
     ( 650787.5, 4188900.4,       5.0,       5.0,       0.0);         ( 650778.1,
4188877.7,       4.4,       4.4,       0.0);
     ( 650768.6, 4188855.0,       4.3,       4.3,       0.0);         ( 650759.2,
4188832.3,       4.8,       4.8,       0.0);
     ( 650749.7, 4188809.6,       5.1,       5.1,       0.0);         ( 650740.2,
4188786.9,       5.1,       5.1,       0.0);
     ( 650730.8, 4188764.2,       5.0,       5.0,       0.0);         ( 650721.3,
4188741.4,       5.2,       6.7,       0.0);
     ( 650711.9, 4188718.7,       5.5,       6.8,       0.0);         ( 650702.4,
4188696.0,       6.1,       6.1,       0.0);
     ( 650693.0, 4188673.3,       6.6,       6.6,       0.0);         ( 650683.5,
4188650.6,       6.8,       6.8,       0.0);
     ( 650674.1, 4188627.9,       7.0,       7.0,       0.0);         ( 650664.6,
4188605.2,       7.0,       7.0,       0.0);
     ( 650655.1, 4188582.4,       7.0,       7.0,       0.0);         ( 650645.7,
4188559.7,       6.7,       6.7,       0.0);
     ( 650636.2, 4188537.0,       6.3,       7.1,       0.0);         ( 650626.8,
4188514.3,       5.7,       7.3,       0.0);
     ( 650617.3, 4188491.6,       5.2,       7.3,       0.0);         ( 650607.9,
4188468.9,       4.8,       7.2,       0.0);
     ( 650598.4, 4188446.2,       4.9,       7.2,       0.0);         ( 650589.0,
4188423.4,       5.0,       7.1,       0.0);
     ( 650579.5, 4188400.7,       5.0,       5.0,       0.0);         ( 650570.0,
4188378.0,       5.2,       5.2,       0.0);
     ( 650560.6, 4188355.3,       5.2,       5.2,       0.0);         ( 650551.1,
4188332.6,       5.1,       5.1,       0.0);
     ( 650541.7, 4188309.9,       5.1,       5.1,       0.0);         ( 650532.2,
4188287.1,       5.2,       5.2,       0.0);
     ( 650522.8, 4188264.4,       5.2,       5.2,       0.0);         ( 650513.3,
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4188241.7,   5.2,   5.2,   0.0);
     (650503.9, 4188219.0,   5.3,   5.3,   0.0);   (650494.4,
4188196.3,   5.3,   5.3,   0.0);
     (650484.9, 4188173.6,   5.3,   5.3,   0.0);   (650475.5,
4188150.9,   5.3,   5.3,   0.0);
     (650466.0, 4188128.1,   5.2,   5.2,   0.0);   (650456.6,
4188105.4,   5.2,   5.2,   0.0);
     (650447.1, 4188082.7,   5.2,   11.3,   0.0);   (650437.7,
4188060.0,   5.2,   11.8,   0.0);
     (650428.2, 4188037.3,   5.3,   5.3,   0.0);   (650418.7,
4188014.6,   5.4,   5.4,   0.0);
     (650409.3, 4187991.9,   5.7,   5.7,   0.0);   (650399.8,
4187969.1,   5.8,   5.8,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (650390.4, 4187946.4,   5.3,   5.3,   0.0);   (650380.9,
4187923.7,   5.3,   5.3,   0.0);
     (650371.5, 4187901.0,   5.0,   5.0,   0.0);   (650362.0,
4187878.3,   5.2,   5.2,   0.0);
     (650352.6, 4187855.6,   5.2,   5.2,   0.0);   (651094.0,
4190814.9,   5.3,   5.3,   0.0);
     (651084.6, 4190792.2,   5.3,   5.3,   0.0);   (651075.1,
4190769.5,   5.3,   5.3,   0.0);
     (651065.7, 4190746.9,   5.3,   5.3,   0.0);   (651056.3,
4190724.2,   5.3,   5.3,   0.0);
     (651046.8, 4190701.5,   5.2,   5.2,   0.0);   (651037.4,
4190678.8,   5.2,   5.2,   0.0);
     (651028.0, 4190656.2,   5.2,   5.2,   0.0);   (651018.5,
4190633.5,   5.3,   5.3,   0.0);
     (651009.1, 4190610.8,   5.3,   5.3,   0.0);   (650999.6,
4190588.2,   5.3,   5.3,   0.0);
     (650990.2, 4190565.5,   5.3,   5.3,   0.0);   (650980.8,
4190542.8,   5.3,   5.3,   0.0);
     (650971.3, 4190520.2,   5.4,   5.4,   0.0);   (650961.9,
4190497.5,   5.4,   5.4,   0.0);
     (650952.5, 4190474.8,   5.4,   5.4,   0.0);   (650943.0,
4190452.1,   5.5,   5.5,   0.0);
     (650933.6, 4190429.5,   5.5,   5.5,   0.0);   (650924.1,
4190406.8,   5.5,   5.5,   0.0);
     (650914.7, 4190384.1,   5.5,   5.5,   0.0);   (650905.3,

```
4190361.5,       5.4,       5.4,       0.0);
     ( 650895.8, 4190338.8,       5.3,       5.3,       0.0);         ( 650886.4,
4190316.1,       5.3,       5.3,       0.0);
     ( 650877.0, 4190293.5,       5.3,       5.3,       0.0);         ( 650867.5,
4190270.8,       5.3,       5.3,       0.0);
     ( 650858.1, 4190248.1,       5.3,       5.3,       0.0);         ( 650848.6,
4190225.4,       5.4,       5.4,       0.0);
     ( 650839.2, 4190202.8,       5.4,       5.4,       0.0);         ( 650829.8,
4190180.1,       5.4,       5.4,       0.0);
     ( 650820.3, 4190157.4,       5.4,       5.4,       0.0);         ( 650810.9,
4190134.8,       5.4,       5.4,       0.0);
     ( 650801.5, 4190112.1,       5.3,       5.3,       0.0);         ( 650792.0,
4190089.4,       5.3,       5.3,       0.0);
     ( 650782.6, 4190066.8,       5.2,       5.2,       0.0);         ( 650773.1,
4190044.1,       5.1,       5.1,       0.0);
     ( 650763.7, 4190021.4,       5.1,       5.1,       0.0);         ( 650754.3,
4189998.8,       5.0,       5.0,       0.0);
     ( 650744.8, 4189976.1,       4.9,       4.9,       0.0);         ( 650735.4,
4189953.4,       4.8,       4.8,       0.0);
     ( 650726.0, 4189930.7,       4.8,       4.8,       0.0);         ( 650716.5,
4189908.1,       4.8,       4.8,       0.0);
     ( 650707.1, 4189885.4,       4.7,       4.7,       0.0);         ( 650697.7,
4189862.7,       4.8,       4.8,       0.0);
     ( 650688.2, 4189840.1,       5.0,       5.0,       0.0);         ( 650678.8,
4189817.4,       4.9,       4.9,       0.0);
     ( 650669.3, 4189794.7,       4.8,       4.8,       0.0);         ( 650659.9,
4189772.0,       4.6,       4.6,       0.0);
     ( 650650.5, 4189749.4,       4.5,       4.5,       0.0);         ( 650641.0,
4189726.7,       4.6,       4.6,       0.0);
     ( 650631.6, 4189704.0,       4.1,       4.1,       0.0);         ( 650622.2,
4189681.4,       3.0,       3.0,       0.0);
     ( 650612.7, 4189658.7,       3.0,       3.0,       0.0);         ( 650603.3,
4189636.0,       4.3,       4.3,       0.0);
     ( 650593.8, 4189613.4,       4.3,       4.3,       0.0);         ( 650584.4,
4189590.7,       4.4,       4.4,       0.0);
     ( 650575.0, 4189568.0,       4.3,       4.3,       0.0);         ( 650565.5,
4189545.3,       3.8,       3.8,       0.0);
     ( 650556.1, 4189522.7,       3.8,       3.8,       0.0);         ( 650546.7,
4189500.0,       3.5,       3.5,       0.0);
     ( 650537.2, 4189477.3,       3.5,       3.5,       0.0);         ( 650527.8,
4189454.7,       3.6,       3.6,       0.0);
     ( 650518.3, 4189432.0,       3.6,       3.6,       0.0);         ( 650508.9,
4189409.3,       3.6,       3.6,       0.0);
     ( 650499.5, 4189386.7,       3.6,       3.6,       0.0);         ( 650490.0,
4189364.0,       3.6,       3.6,       0.0);
     ( 650480.6, 4189341.3,       3.6,       3.6,       0.0);         ( 650471.2,
4189318.6,       3.7,       3.7,       0.0);
     ( 650461.7, 4189296.0,       3.7,       3.7,       0.0);         ( 650452.3,
4189273.3,       3.7,       3.7,       0.0);
     ( 650442.8, 4189250.6,       3.7,       3.7,       0.0);         ( 650433.4,
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4189228.0, 3.9, 3.9, 0.0);
     (650424.0, 4189205.3, 3.8, 3.8, 0.0); (650414.5,
4189182.6, 3.8, 3.8, 0.0);
     (650405.1, 4189160.0, 3.8, 3.8, 0.0); (650395.7,
4189137.3, 3.7, 3.7, 0.0);
     (650386.2, 4189114.6, 3.7, 3.7, 0.0); (650376.8,
4189091.9, 3.7, 3.7, 0.0);
     (650367.3, 4189069.3, 3.7, 3.7, 0.0); (650357.9,
4189046.6, 3.7, 3.7, 0.0);
     (650348.5, 4189023.9, 3.6, 3.6, 0.0); (650339.0,
4189001.3, 3.6, 3.6, 0.0);
     (650329.6, 4188978.6, 3.6, 3.6, 0.0); (650320.2,
4188955.9, 3.6, 3.6, 0.0);
     (650310.7, 4188933.3, 3.6, 3.6, 0.0); (650301.3,
4188910.6, 3.5, 3.5, 0.0);

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

     (650291.8, 4188887.9, 3.8, 3.8, 0.0); (650282.4,
4188865.2, 3.5, 3.5, 0.0);
     (650273.0, 4188842.6, 3.3, 3.3, 0.0); (650263.5,
4188819.9, 3.4, 3.4, 0.0);
     (650254.1, 4188797.2, 3.6, 3.6, 0.0); (650244.7,
4188774.6, 3.5, 3.5, 0.0);
     (650235.2, 4188751.9, 3.5, 3.5, 0.0); (650225.8,
4188729.2, 3.7, 3.7, 0.0);
     (650216.3, 4188706.6, 4.1, 4.1, 0.0); (650206.9,
4188683.9, 3.8, 3.8, 0.0);
     (650197.5, 4188661.2, 3.7, 3.7, 0.0); (650188.0,
4188638.5, 3.8, 3.8, 0.0);
     (650178.6, 4188615.9, 3.7, 3.7, 0.0); (650169.2,
4188593.2, 3.9, 3.9, 0.0);
     (650159.7, 4188570.5, 4.3, 4.3, 0.0); (650150.3,
4188547.9, 4.5, 4.5, 0.0);
     (650140.9, 4188525.2, 4.6, 4.6, 0.0); (650131.4,
4188502.5, 4.6, 4.6, 0.0);
     (650122.0, 4188479.9, 4.7, 4.7, 0.0); (650112.5,
4188457.2, 4.6, 4.6, 0.0);
     (650103.1, 4188434.5, 4.4, 4.4, 0.0); (650093.7,
4188411.8, 4.2, 4.2, 0.0);
     (650084.2, 4188389.2, 4.2, 4.2, 0.0); (650074.8,

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4188366.5,       4.2,       4.2,       0.0);
     ( 650065.4, 4188343.8,       4.5,       4.5,       0.0);         ( 650055.9,
4188321.2,       4.1,       4.1,       0.0);
     ( 650046.5, 4188298.5,       3.8,       3.8,       0.0);         ( 650037.0,
4188275.8,       3.9,       3.9,       0.0);
     ( 650027.6, 4188253.2,       3.7,       3.7,       0.0);         ( 650018.2,
4188230.5,       3.6,       3.6,       0.0);
     ( 650008.7, 4188207.8,       3.6,       3.6,       0.0);         ( 649999.3,
4188185.1,       3.6,       3.6,       0.0);
     ( 649989.9, 4188162.5,       3.7,       3.7,       0.0);         ( 649980.4,
4188139.8,       4.1,       4.1,       0.0);
     ( 649971.0, 4188117.1,       4.7,       4.7,       0.0);         ( 649961.5,
4188094.5,       4.6,       4.6,       0.0);
     ( 649952.1, 4188071.8,       4.8,       4.8,       0.0);         ( 649942.7,
4188049.1,       4.8,       4.8,       0.0);
     ( 649933.2, 4188026.5,       4.8,       4.8,       0.0);         ( 649923.8,
4188003.8,       4.8,       4.8,       0.0);
     ( 649914.4, 4187981.1,       4.7,       4.7,       0.0);         ( 649904.9,
4187958.4,       4.2,       4.2,       0.0);
     ( 649895.5, 4187935.8,       3.8,       3.8,       0.0);         ( 649886.0,
4187913.1,       4.1,       4.1,       0.0);
     ( 649876.6, 4187890.4,       4.0,       4.0,       0.0);         ( 649867.2,
4187867.8,       3.6,       3.6,       0.0);
     ( 649857.7, 4187845.1,       3.6,       3.6,       0.0);         ( 651107.8,
4190834.5,       5.3,       5.3,       0.0);
     ( 653689.9, 4187978.7,       8.2,       8.2,       0.0);         ( 653699.0,
4187987.0,       8.2,       8.2,       0.0);
     ( 653712.3, 4187988.7,       8.3,       8.3,       0.0);         ( 653810.5,
4187988.7,       8.4,       8.4,       0.0);
     ( 653818.4, 4187877.6,       8.3,       8.3,       0.0);         ( 653694.5,
4187874.3,       8.0,       8.0,       0.0);
```


 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

                                                                    (1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                          (METERS/SEC)

                                                 1.54,   3.09,   5.14,   8.23,
10.80,
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                    PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                      *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   ..\Stockton_2013-2017.SFC
                Met Version:  18081
   Profile file:   ..\Stockton_2013-2017.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    23237                 Upper air station no.:    23230
                  Name: UNKNOWN                                   Name:
OAKLAND/WSO_AP
                  Year:   2013                                    Year:   2013

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 13 01 01   1 01  -22.0  0.211 -9.000 -9.000 -999.  232.     48.8  0.07   2.20
```

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1.00    2.78  149.   10.0  273.8    2.0
 13 01 01   1 02  -14.6  0.158 -9.000 -9.000 -999.  152.     27.6  0.04   2.20
1.00    2.37   77.   10.0  273.8    2.0
 13 01 01   1 03  -18.4  0.181 -9.000 -9.000 -999.  185.     36.0  0.06   2.20
1.00    2.52   97.   10.0  273.1    2.0
 13 01 01   1 04   -6.7  0.105 -9.000 -9.000 -999.   84.     16.0  0.04   2.20
1.00    1.63  349.   10.0  272.5    2.0
 13 01 01   1 05  -20.1  0.193 -9.000 -9.000 -999.  203.     40.9  0.04   2.20
1.00    2.86  356.   10.0  274.2    2.0
 13 01 01   1 06   -3.9  0.081 -9.000 -9.000 -999.   64.     12.6  0.04   2.20
1.00    1.23   77.   10.0  273.8    2.0
 13 01 01   1 07  -18.3  0.180 -9.000 -9.000 -999.  184.     35.8  0.06   2.20
1.00    2.52  255.   10.0  273.1    2.0
 13 01 01   1 08  -26.9  0.259 -9.000 -9.000 -999.  316.     73.8  0.08   2.20
0.73    3.29  287.   10.0  274.2    2.0
 13 01 01   1 09   -1.9  0.212 -9.000 -9.000 -999.  236.    461.6  0.05   2.20
0.39    2.81  315.   10.0  275.9    2.0
 13 01 01   1 10   61.1  0.155  0.630  0.005  150.  147.     -5.5  0.04   2.20
0.27    1.60  336.   10.0  277.5    2.0
 13 01 01   1 11  110.2  0.238  1.137  0.005  488.  279.    -11.2  0.06   2.20
0.23    2.45  228.   10.0  279.9    2.0
 13 01 01   1 12  137.1  0.276  1.492  0.008  886.  347.    -14.0  0.08   2.20
0.22    2.69  286.   10.0  280.4    2.0
 13 01 01   1 13  141.1  0.271  1.531  0.007  929.  339.    -12.9  0.05   2.20
0.21    2.88  325.   10.0  282.5    2.0
 13 01 01   1 14  121.3  0.232  1.475  0.006  965.  269.     -9.4  0.04   2.20
0.22    2.57  356.   10.0  283.8    2.0
 13 01 01   1 15   78.7  0.218  1.287  0.005  988.  244.    -12.0  0.04   2.20
0.26    2.47  357.   10.0  284.2    2.0
 13 01 01   1 16   17.6  0.265  0.783  0.005  993.  327.    -96.0  0.03   2.20
0.35    3.59    2.   10.0  284.2    2.0
 13 01 01   1 17  -11.2  0.143 -9.000 -9.000 -999.  139.     24.1  0.04   2.20
0.60    2.16  346.   10.0  282.5    2.0
 13 01 01   1 18   -8.7  0.125 -9.000 -9.000 -999.  107.     20.6  0.08   2.20
1.00    1.67  273.   10.0  279.2    2.0
 13 01 01   1 19  -13.3  0.154 -9.000 -9.000 -999.  145.     26.0  0.06   2.20
1.00    2.15  238.   10.0  278.1    2.0
 13 01 01   1 20  -10.2  0.134 -9.000 -9.000 -999.  117.     21.4  0.06   2.20
1.00    1.89  230.   10.0  275.9    2.0
 13 01 01   1 21  -12.5  0.148 -9.000 -9.000 -999.  137.     24.2  0.05   2.20
1.00    2.11  300.   10.0  276.4    2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.05   2.20
1.00    0.00    0.   10.0  275.9    2.0
 13 01 01   1 23  -24.0  0.230 -9.000 -9.000 -999.  264.     57.9  0.04   2.20
1.00    3.36   80.   10.0  274.2    2.0
 13 01 01   1 24  -16.1  0.169 -9.000 -9.000 -999.  167.     31.3  0.06   2.20
1.00    2.36  100.   10.0  274.2    2.0


 First hour of profile data
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653690.13	4187328.38	3.15537	653710.13	4187328.38	3.15845
653730.13	4187328.38	3.17651	653750.13	4187328.38	3.20964
653770.13	4187328.38	3.25475	653790.13	4187328.38	3.30705
653810.13	4187328.38	3.36051	653830.13	4187328.38	3.41047
653850.13	4187328.38	3.45424	653870.13	4187328.38	3.49076
653890.13	4187328.38	3.52044	653910.13	4187328.38	3.54369
653930.13	4187328.38	3.55948	653950.13	4187328.38	3.56663
653970.13	4187328.38	3.56268	653990.13	4187328.38	3.54679
654010.13	4187328.38	3.51842	654030.13	4187328.38	3.47841
654050.13	4187328.38	3.42934	654070.13	4187328.38	3.37464
654090.13	4187328.38	3.31793	654110.13	4187328.38	3.26241
654130.13	4187328.38	3.21035	654150.13	4187328.38	3.16288

654170.13 4187328.38 3.12008 654190.13
4187328.38 3.08123
654210.13 4187328.38 3.04516 654230.13
4187328.38 3.01053
654250.13 4187328.38 2.97611 654270.13
4187328.38 2.94089
654290.13 4187328.38 2.90415 654310.13
4187328.38 2.86548
654330.13 4187328.38 2.82474 654350.13
4187328.38 2.78200
654370.13 4187328.38 2.73747 654390.13
4187328.38 2.69150
654410.13 4187328.38 2.64442 654430.13
4187328.38 2.59660
654450.13 4187328.38 2.54834 654470.13
4187328.38 2.49990
654490.13 4187328.38 2.45148 653690.13
4187348.38 3.32702
653710.13 4187348.38 3.33093 653730.13
4187348.38 3.35087
653750.13 4187348.38 3.38750 653770.13
4187348.38 3.43714
653790.13 4187348.38 3.49406 653810.13
4187348.38 3.55164
653830.13 4187348.38 3.60501 653850.13
4187348.38 3.65121
653870.13 4187348.38 3.68952 653890.13
4187348.38 3.72011
653910.13 4187348.38 3.74304 653930.13
4187348.38 3.75742
653950.13 4187348.38 3.76097 653970.13
4187348.38 3.75169
653990.13 4187348.38 3.72836 654010.13
4187348.38 3.69197
654030.13 4187348.38 3.64382 654050.13
4187348.38 3.58749
654070.13 4187348.38 3.52710 654090.13
4187348.38 3.46651
654110.13 4187348.38 3.40876 654130.13
4187348.38 3.35562
654150.13 4187348.38 3.30757 654170.13
4187348.38 3.26409
654190.13 4187348.38 3.22397 654210.13
4187348.38 3.18575
654230.13 4187348.38 3.14802 654250.13
4187348.38 3.10957
654270.13 4187348.38 3.06956 654290.13
4187348.38 3.02747
654310.13 4187348.38 2.98311 654330.13
4187348.38 2.93655

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654470.13	4187348.38	2.57635	654490.13	4187348.38	2.52385
653690.13	4187368.38	3.51402	653710.13	4187368.38	3.51865
653730.13	4187368.38	3.54127	653750.13	4187368.38	3.58190
653770.13	4187368.38	3.63653	653790.13	4187368.38	3.69846
653810.13	4187368.38	3.76071	653830.13	4187368.38	3.81766
653850.13	4187368.38	3.86658	653870.13	4187368.38	3.90662
653890.13	4187368.38	3.93806	653910.13	4187368.38	3.96034
653930.13	4187368.38	3.97196	653950.13	4187368.38	3.97073
653970.13	4187368.38	3.95441	653990.13	4187368.38	3.92276
654010.13	4187368.38	3.87708	654030.13	4187368.38	3.82041
654050.13	4187368.38	3.75689	654070.13	4187368.38	3.69127

654090.13 4187368.38 3.62743 654110.13
4187368.38 3.56794
654130.13 4187368.38 3.51390 654150.13
4187368.38 3.46505
654170.13 4187368.38 3.42024 654190.13
4187368.38 3.37788
654210.13 4187368.38 3.33635 654230.13
4187368.38 3.29424
654250.13 4187368.38 3.25053 654270.13
4187368.38 3.20458
654290.13 4187368.38 3.15615 654310.13
4187368.38 3.10527
654330.13 4187368.38 3.05223 654350.13
4187368.38 2.99742
654370.13 4187368.38 2.94131 654390.13
4187368.38 2.88431
654410.13 4187368.38 2.82682 654430.13
4187368.38 2.76917
654450.13 4187368.38 2.71160 654470.13
4187368.38 2.65431
654490.13 4187368.38 2.59744 653690.13
4187388.38 3.71816
653710.13 4187388.38 3.72394 653730.13
4187388.38 3.74937
653750.13 4187388.38 3.79459 653770.13
4187388.38 3.85487
653790.13 4187388.38 3.92270 653810.13
4187388.38 3.98996
653830.13 4187388.38 4.05079 653850.13
4187388.38 4.10249
653870.13 4187388.38 4.14422 653890.13
4187388.38 4.17609
653910.13 4187388.38 4.19711 653930.13
4187388.38 4.20497
653950.13 4187388.38 4.19719 653970.13
4187388.38 4.17230
653990.13 4187388.38 4.13087 654010.13
4187388.38 4.07512
654030.13 4187388.38 4.00971 654050.13
4187388.38 3.93933
654070.13 4187388.38 3.86911 654090.13
4187388.38 3.80262
654110.13 4187388.38 3.74173 654130.13
4187388.38 3.68666
654150.13 4187388.38 3.63639 654170.13
4187388.38 3.58923
654190.13 4187388.38 3.54333 654210.13
4187388.38 3.49705
654230.13 4187388.38 3.44913 654250.13
4187388.38 3.39881

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654430.13	4187388.38	2.85847	654450.13	4187388.38	2.79577
654470.13	4187388.38	2.73356	654490.13	4187388.38	2.67196
653690.13	4187408.38	3.94200	653710.13	4187408.38	3.94898
653730.13	4187408.38	3.97769	653750.13	4187408.38	4.02834
653770.13	4187408.38	4.09506	653790.13	4187408.38	4.16918
653810.13	4187408.38	4.24213	653830.13	4187408.38	4.30717
653850.13	4187408.38	4.36179	653870.13	4187408.38	4.40512
653890.13	4187408.38	4.43689	653910.13	4187408.38	4.45548
653930.13	4187408.38	4.45791	653950.13	4187408.38	4.44196
653970.13	4187408.38	4.40685	653990.13	4187408.38	4.35420

654010.13 4187408.38 4.28783 654030.13
4187408.38 4.21355
654050.13 4187408.38 4.13698 654070.13
4187408.38 4.06287
654090.13 4187408.38 3.99422 654110.13
4187408.38 3.93194
654130.13 4187408.38 3.87528 654150.13
4187408.38 3.82252
654170.13 4187408.38 3.77157 654190.13
4187408.38 3.72049
654210.13 4187408.38 3.66779 654230.13
4187408.38 3.61251
654250.13 4187408.38 3.55422 654270.13
4187408.38 3.49292
654290.13 4187408.38 3.42896 654310.13
4187408.38 3.36282
654330.13 4187408.38 3.29509 654350.13
4187408.38 3.22633
654370.13 4187408.38 3.15703 654390.13
4187408.38 3.08760
654410.13 4187408.38 3.01835 654430.13
4187408.38 2.94950
654450.13 4187408.38 2.88125 654470.13
4187408.38 2.81372
654490.13 4187408.38 2.74703 653690.13
4187428.38 4.18786
653710.13 4187428.38 4.19630 653730.13
4187428.38 4.22920
653750.13 4187428.38 4.28576 653770.13
4187428.38 4.35983
653790.13 4187428.38 4.44156 653810.13
4187428.38 4.52047
653830.13 4187428.38 4.59008 653850.13
4187428.38 4.64773
653870.13 4187428.38 4.69239 653890.13
4187428.38 4.72327
653910.13 4187428.38 4.73785 653930.13
4187428.38 4.73316
653950.13 4187428.38 4.70688 653970.13
4187428.38 4.65958
653990.13 4187428.38 4.59442 654010.13
4187428.38 4.51711
654030.13 4187428.38 4.43457 654050.13
4187428.38 4.35244
654070.13 4187428.38 4.27510 654090.13
4187428.38 4.20448
654110.13 4187428.38 4.14034 654130.13
4187428.38 4.08101
654150.13 4187428.38 4.02416 654170.13
4187428.38 3.96756

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         654190.13    4187428.38        3.90938                       654210.13
4187428.38        3.84843
         654230.13    4187428.38        3.78416                       654250.13
4187428.38        3.71654
         654270.13    4187428.38        3.64593                       654290.13
4187428.38        3.57290
         654310.13    4187428.38        3.49810                       654330.13
4187428.38        3.42220
         654350.13    4187428.38        3.34573                       654370.13
4187428.38        3.26915
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                        ***        07:02:13

                                   PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD      ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654390.13    4187428.38        3.19282                       654410.13
4187428.38        3.11700
         654430.13    4187428.38        3.04188                       654450.13
4187428.38        2.96762
         654470.13    4187428.38        2.89435                       654490.13
4187428.38        2.82217
         653690.13    4187448.38        4.45900                       653710.13
4187448.38        4.46942
         653730.13    4187448.38        4.50683                       653750.13
4187448.38        4.57046
         653770.13    4187448.38        4.65316                       653790.13
4187448.38        4.74291
         653810.13    4187448.38        4.82880                       653830.13
4187448.38        4.90335
         653850.13    4187448.38        4.96406                       653870.13
4187448.38        5.00959
         653890.13    4187448.38        5.03858                       653910.13
4187448.38        5.04719
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653930.13 4187448.38 5.03283 653950.13
4187448.38 4.99399
653970.13 4187448.38 4.93252 653990.13
4187448.38 4.85420
654010.13 4187448.38 4.76586 654030.13
4187448.38 4.67563
654050.13 4187448.38 4.58865 654070.13
4187448.38 4.50856
654090.13 4187448.38 4.43565 654110.13
4187448.38 4.36857
654130.13 4187448.38 4.30483 654150.13
4187448.38 4.24180
654170.13 4187448.38 4.17730 654190.13
4187448.38 4.10985
654210.13 4187448.38 4.03873 654230.13
4187448.38 3.96385
654250.13 4187448.38 3.88561 654270.13
4187448.38 3.80467
654290.13 4187448.38 3.72177 654310.13
4187448.38 3.63766
654330.13 4187448.38 3.55296 654350.13
4187448.38 3.46820
654370.13 4187448.38 3.38377 654390.13
4187448.38 3.29997
654410.13 4187448.38 3.21701 654430.13
4187448.38 3.13508
654450.13 4187448.38 3.05433 654470.13
4187448.38 2.97488
654490.13 4187448.38 2.89685 653690.13
4187468.38 4.75938
653710.13 4187468.38 4.77195 653730.13
4187468.38 4.81446
653750.13 4187468.38 4.88679 653770.13
4187468.38 4.97899
653790.13 4187468.38 5.07826 653810.13
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4187468.38 5.38607
653910.13 4187468.38 5.38656 653930.13
4187468.38 5.35949
653950.13 4187468.38 5.30523 653970.13
4187468.38 5.22824
653990.13 4187468.38 5.13613 654010.13
4187468.38 5.03722
654030.13 4187468.38 4.93995 654050.13
4187468.38 4.84907
654070.13 4187468.38 4.76612 654090.13
4187468.38 4.68988

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         654110.13    4187468.38        4.61800                      654130.13
4187468.38        4.54746
         654150.13    4187468.38        4.47563                      654170.13
4187468.38        4.40067
         654190.13    4187468.38        4.32165                      654210.13
4187468.38        4.23841
         654230.13    4187468.38        4.15138                      654250.13
4187468.38        4.06131
         654270.13    4187468.38        3.96905                      654290.13
4187468.38        3.87547
         654310.13    4187468.38        3.78130                      654330.13
4187468.38        3.68710
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         654350.13    4187468.38        3.59335                      654370.13
4187468.38        3.50038
         654390.13    4187468.38        3.40844                      654410.13
4187468.38        3.31774
         654430.13    4187468.38        3.22845                      654450.13
4187468.38        3.14072
         654470.13    4187468.38        3.05469                      654490.13
4187468.38        2.97047
         653690.13    4187488.38        5.09292                      653710.13
4187488.38        5.10813
         653730.13    4187488.38        5.15720                      653750.13
4187488.38        5.23901
         653770.13    4187488.38        5.34271                      653790.13
4187488.38        5.45256
         653810.13    4187488.38        5.55436                      653830.13
4187488.38        5.64006
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653850.13 4187488.38 5.70614 653870.13
4187488.38 5.75053
653890.13 4187488.38 5.76930 653910.13
4187488.38 5.75859
653930.13 4187488.38 5.71612 653950.13
4187488.38 5.64402
653970.13 4187488.38 5.55023 653990.13
4187488.38 5.44419
654010.13 4187488.38 5.33576 654030.13
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654050.13 4187488.38 5.13742 654070.13
4187488.38 5.05058
654090.13 4187488.38 4.96906 654110.13
4187488.38 4.88968
654130.13 4187488.38 4.80929 654150.13
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654370.13 4187488.38 3.61827 654390.13
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653750.13 4187508.38 5.63377 653770.13
4187508.38 5.75057
653790.13 4187508.38 5.87249 653810.13
4187508.38 5.98356
653830.13 4187508.38 6.07487 653850.13
4187508.38 6.14314
653870.13 4187508.38 6.18467 653890.13
4187508.38 6.19389
653910.13 4187508.38 6.16812 653930.13
4187508.38 6.10607
653950.13 4187508.38 6.01417 653970.13
4187508.38 5.90230
653990.13 4187508.38 5.78284 654010.13
4187508.38 5.66619

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654030.13	4187508.38	5.55694	654050.13	4187508.38	5.45727
654070.13	4187508.38	5.36452	654090.13	4187508.38	5.27468
654110.13	4187508.38	5.18425	654130.13	4187508.38	5.09037
654150.13	4187508.38	4.99150	654170.13	4187508.38	4.88724
654190.13	4187508.38	4.77809	654210.13	4187508.38	4.66503
654230.13	4187508.38	4.54926	654250.13	4187508.38	4.43189
654270.13	4187508.38	4.31392	654290.13	4187508.38	4.19612
654310.13	4187508.38	4.07907	654330.13	4187508.38	3.96323
654350.13	4187508.38	3.84895	654370.13	4187508.38	3.73651
654390.13	4187508.38	3.62616	654410.13	4187508.38	3.51811
654430.13	4187508.38	3.41254	654450.13	4187508.38	3.30962
654470.13	4187508.38	3.20948	654490.13	4187508.38	3.11223
653690.13	4187528.38	5.88241	653710.13	4187528.38	5.90517
653730.13	4187528.38	5.97053	653750.13	4187528.38	6.07778

653770.13 4187528.38 6.21025 653790.13
4187528.38 6.34627
653810.13 4187528.38 6.46692 653830.13
4187528.38 6.56442
653850.13 4187528.38 6.63369 653870.13
4187528.38 6.66899
653890.13 4187528.38 6.66499 653910.13
4187528.38 6.61938
653930.13 4187528.38 6.53400 653950.13
4187528.38 6.42023
653970.13 4187528.38 6.29050 653990.13
4187528.38 6.15902
654010.13 4187528.38 6.03385 654030.13
4187528.38 5.91876
654050.13 4187528.38 5.81241 654070.13
4187528.38 5.71008
654090.13 4187528.38 5.60776 654110.13
4187528.38 5.50191
654130.13 4187528.38 5.39049 654150.13
4187528.38 5.27294
654170.13 4187528.38 5.14976 654190.13
4187528.38 5.02215
654210.13 4187528.38 4.89147 654230.13
4187528.38 4.75906
654250.13 4187528.38 4.62607 654270.13
4187528.38 4.49338
654290.13 4187528.38 4.36170 654310.13
4187528.38 4.23154
654330.13 4187528.38 4.10331 654350.13
4187528.38 3.97737
654370.13 4187528.38 3.85398 654390.13
4187528.38 3.73342
654410.13 4187528.38 3.61590 654430.13
4187528.38 3.50160
654450.13 4187528.38 3.39067 654470.13
4187528.38 3.28322
654490.13 4187528.38 3.17935 653690.13
4187548.38 6.35212
653710.13 4187548.38 6.37946 653730.13
4187548.38 6.45620
653750.13 4187548.38 6.57982 653770.13
4187548.38 6.73035
653790.13 4187548.38 6.88222 653810.13
4187548.38 7.01475
653830.13 4187548.38 7.11782 653850.13
4187548.38 7.18540
653870.13 4187548.38 7.21104 653890.13
4187548.38 7.18851
653910.13 4187548.38 7.11760 653930.13
4187548.38 7.00639

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654270.13	4187548.38	4.67620	654290.13	4187548.38	4.52924
654310.13	4187548.38	4.38470	654330.13	4187548.38	4.24300
654350.13	4187548.38	4.10448	654370.13	4187548.38	3.96946
654390.13	4187548.38	3.83817	654410.13	4187548.38	3.71084
654430.13	4187548.38	3.58761	654450.13	4187548.38	3.46861
654470.13	4187548.38	3.35389	654490.13	4187548.38	3.24347

653690.13 4187568.38 6.88358 653710.13
4187568.38 6.91711
653730.13 4187568.38 7.00781 653750.13
4187568.38 7.15072
653770.13 4187568.38 7.32353 653790.13
4187568.38 7.49313
653810.13 4187568.38 7.63778 653830.13
4187568.38 7.74593
653850.13 4187568.38 7.80921 653870.13
4187568.38 7.81928
653890.13 4187568.38 7.77175 653910.13
4187568.38 7.67058
653930.13 4187568.38 7.52953 653950.13
4187568.38 7.36850
653970.13 4187568.38 7.20516 653990.13
4187568.38 7.05039
654010.13 4187568.38 6.90759 654030.13
4187568.38 6.77223
654050.13 4187568.38 6.63864 654070.13
4187568.38 6.50159
654090.13 4187568.38 6.35765 654110.13
4187568.38 6.20563
654130.13 4187568.38 6.04609 654150.13
4187568.38 5.88065
654170.13 4187568.38 5.71127 654190.13
4187568.38 5.53985
654210.13 4187568.38 5.36798 654230.13
4187568.38 5.19691
654250.13 4187568.38 5.02760 654270.13
4187568.38 4.86077
654290.13 4187568.38 4.69703 654310.13
4187568.38 4.53687
654330.13 4187568.38 4.38071 654350.13
4187568.38 4.22889
654370.13 4187568.38 4.08172 654390.13
4187568.38 3.93941
654410.13 4187568.38 3.80213 654430.13
4187568.38 3.66997
654450.13 4187568.38 3.54299 654470.13
4187568.38 3.42116
654490.13 4187568.38 3.30441 653690.13
4187588.38 7.48894
653710.13 4187588.38 7.52972 653730.13
4187588.38 7.63660
653750.13 4187588.38 7.80456 653770.13
4187588.38 8.00241
653790.13 4187588.38 8.19279 653810.13
4187588.38 8.35128
653830.13 4187588.38 8.46267 653850.13
4187588.38 8.51625

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654230.13	4187588.38	5.42189	654250.13	4187588.38	5.23146
654270.13	4187588.38	5.04499	654290.13	4187588.38	4.86307
654310.13	4187588.38	4.68620	654330.13	4187588.38	4.51482
654350.13	4187588.38	4.34923	654370.13	4187588.38	4.18967
654390.13	4187588.38	4.03629	654410.13	4187588.38	3.88915

654430.13 4187588.38 3.74827 654450.13
4187588.38 3.61355
654470.13 4187588.38 3.48488 654490.13
4187588.38 3.36209
653690.13 4187608.38 8.18152 653710.13
4187608.38 8.23218
653730.13 4187608.38 8.35847 653750.13
4187608.38 8.55607
653770.13 4187608.38 8.78575 653790.13
4187608.38 9.00054
653810.13 4187608.38 9.17157 653830.13
4187608.38 9.28348
653850.13 4187608.38 9.31996 653870.13
4187608.38 9.27545
653890.13 4187608.38 9.15482 653910.13
4187608.38 8.97700
653930.13 4187608.38 8.77217 653950.13
4187608.38 8.56522
653970.13 4187608.38 8.36919 653990.13
4187608.38 8.18442
654010.13 4187608.38 8.00473 654030.13
4187608.38 7.82230
654050.13 4187608.38 7.63131 654070.13
4187608.38 7.42937
654090.13 4187608.38 7.21707 654110.13
4187608.38 6.99669
654130.13 4187608.38 6.77117 654150.13
4187608.38 6.54330
654170.13 4187608.38 6.31540 654190.13
4187608.38 6.08930
654210.13 4187608.38 5.86635 654230.13
4187608.38 5.64766
654250.13 4187608.38 5.43410 654270.13
4187608.38 5.22641
654290.13 4187608.38 5.02517 654310.13
4187608.38 4.83087
654330.13 4187608.38 4.64385 654350.13
4187608.38 4.46435
654370.13 4187608.38 4.29247 654390.13
4187608.38 4.12823
654410.13 4187608.38 3.97154 654430.13
4187608.38 3.82227
654450.13 4187608.38 3.68018 654470.13
4187608.38 3.54503
654490.13 4187608.38 3.41653 653690.13
4187628.38 8.98654
653710.13 4187628.38 9.04902 653730.13
4187628.38 9.19874
653750.13 4187628.38 9.43062 653770.13
4187628.38 9.69492

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         653790.13    4187628.38        9.93769                      653810.13
4187628.38       10.12168
         653830.13    4187628.38       10.22725                      653850.13
4187628.38       10.23746
         653870.13    4187628.38       10.15054                      653890.13
4187628.38        9.98048
         653910.13    4187628.38        9.75929                      653930.13
4187628.38        9.52159
         653950.13    4187628.38        9.29084                      653970.13
4187628.38        9.07314
         653990.13    4187628.38        8.86203                      654010.13
4187628.38        8.64896
         654030.13    4187628.38        8.42634                      654050.13
4187628.38        8.19085
         654070.13    4187628.38        7.94300                      654090.13
4187628.38        7.68561
         654110.13    4187628.38        7.42229                      654130.13
4187628.38        7.15649
         654150.13    4187628.38        6.89108                      654170.13
4187628.38        6.62829
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654190.13    4187628.38        6.36983                      654210.13
4187628.38        6.11704
         654230.13    4187628.38        5.87100                      654250.13
4187628.38        5.63258
         654270.13    4187628.38        5.40249                      654290.13
4187628.38        5.18127
         654310.13    4187628.38        4.96924                      654330.13
4187628.38        4.76661
```

654350.13 4187628.38 4.57343 654370.13
4187628.38 4.38961
654390.13 4187628.38 4.21494 654410.13
4187628.38 4.04916
654430.13 4187628.38 3.89194 654450.13
4187628.38 3.74291
654470.13 4187628.38 3.60166 654490.13
4187628.38 3.46778
653690.13 4187648.38 9.92133 653710.13
4187648.38 9.99823
653730.13 4187648.38 10.18141 653750.13
4187648.38 10.45963
653770.13 4187648.38 10.76612 653790.13
4187648.38 11.03571
653810.13 4187648.38 11.22750 653830.13
4187648.38 11.31817
653850.13 4187648.38 11.28994 653870.13
4187648.38 11.14699
653890.13 4187648.38 10.92029 653910.13
4187648.38 10.65406
653930.13 4187648.38 10.38245 653950.13
4187648.38 10.12261
653970.13 4187648.38 9.87304 653990.13
4187648.38 9.62219
654010.13 4187648.38 9.36036 654030.13
4187648.38 9.08326
654050.13 4187648.38 8.79125 654070.13
4187648.38 8.48783
654090.13 4187648.38 8.17756 654110.13
4187648.38 7.86477
654130.13 4187648.38 7.55304 654150.13
4187648.38 7.24514
654170.13 4187648.38 6.94320 654190.13
4187648.38 6.64893
654210.13 4187648.38 6.36365 654230.13
4187648.38 6.08841
654250.13 4187648.38 5.82400 654270.13
4187648.38 5.57099
654290.13 4187648.38 5.32967 654310.13
4187648.38 5.10015
654330.13 4187648.38 4.88235 654350.13
4187648.38 4.67603
654370.13 4187648.38 4.48084 654390.13
4187648.38 4.29634
654410.13 4187648.38 4.12201 654430.13
4187648.38 3.95735
654450.13 4187648.38 3.80179 654470.13
4187648.38 3.65482
654490.13 4187648.38 3.51590 653690.13
4187668.38 11.00837

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654150.13	4187668.38	7.59994	654170.13	4187668.38	7.25477
654190.13	4187668.38	6.92173	654210.13	4187668.38	6.60205
654230.13	4187668.38	6.29660	654250.13	4187668.38	6.00590

654270.13 4187668.38 5.73014 654290.13 4187668.38 5.46926
654310.13 4187668.38 5.22295 654330.13 4187668.38 4.99073
654350.13 4187668.38 4.77204 654370.13 4187668.38 4.56620
654390.13 4187668.38 4.37249 654410.13 4187668.38 4.19018
654430.13 4187668.38 4.01855 654450.13 4187668.38 3.85691
654470.13 4187668.38 3.70457 654490.13 4187668.38 3.56093
653690.13 4187688.38 12.30053 653710.13 4187688.38 12.41185
653730.13 4187688.38 12.68513 653750.13 4187688.38 13.09215
653770.13 4187688.38 13.52265 653790.13 4187688.38 13.87071
653810.13 4187688.38 14.06843 653830.13 4187688.38 14.08007
653850.13 4187688.38 13.90901 653870.13 4187688.38 13.61559
653890.13 4187688.38 13.25873 653910.13 4187688.38 12.89109
653930.13 4187688.38 12.53145 653950.13 4187688.38 12.17202
653970.13 4187688.38 11.79826 653990.13 4187688.38 11.40220
654010.13 4187688.38 10.98365 654030.13 4187688.38 10.54822
654050.13 4187688.38 10.10353 654070.13 4187688.38 9.65680
654090.13 4187688.38 9.21392 654110.13 4187688.38 8.77940
654130.13 4187688.38 8.35676 654150.13 4187688.38 7.94864
654170.13 4187688.38 7.55705 654190.13 4187688.38 7.18341
654210.13 4187688.38 6.82860 654230.13 4187688.38 6.49300
654250.13 4187688.38 6.17658 654270.13 4187688.38 5.87896
654290.13 4187688.38 5.59951 654310.13 4187688.38 5.33741
654330.13 4187688.38 5.09175 654350.13 4187688.38 4.86153
654370.13 4187688.38 4.64578 654390.13 4187688.38 4.44350
654410.13 4187688.38 4.25375 654430.13 4187688.38 4.07562

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         654450.13    4187688.38        3.90827                       654470.13
4187688.38        3.75093
         654490.13    4187688.38        3.60287                       653690.13
4187708.38       13.85343
         653710.13    4187708.38       13.98808                       653730.13
4187708.38       14.31734
         653750.13    4187708.38       14.81553                       653770.13
4187708.38       15.32220
         653790.13    4187708.38       15.70588                       653810.13
4187708.38       15.88310
         653830.13    4187708.38       15.83196                       653850.13
4187708.38       15.55973
         653870.13    4187708.38       15.17281                       653890.13
4187708.38       14.74235
         653910.13    4187708.38       14.30668                       653930.13
4187708.38       13.86894
         653950.13    4187708.38       13.41408                       653970.13
4187708.38       12.93164
         653990.13    4187708.38       12.42091                       654010.13
4187708.38       11.88924
         654030.13    4187708.38       11.34682                       654050.13
4187708.38       10.80326
         654070.13    4187708.38       10.26633                       654090.13
4187708.38        9.74198
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654110.13    4187708.38        9.23473                       654130.13
4187708.38        8.74797
         654150.13    4187708.38        8.28404                       654170.13
4187708.38        7.84448
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654190.13 4187708.38 7.42999 654210.13
4187708.38 7.04066
654230.13 4187708.38 6.67604 654250.13
4187708.38 6.33524
654270.13 4187708.38 6.01712 654290.13
4187708.38 5.72038
654310.13 4187708.38 5.44364 654330.13
4187708.38 5.18551
654350.13 4187708.38 4.94460 654370.13
4187708.38 4.71963
654390.13 4187708.38 4.50938 654410.13
4187708.38 4.31269
654430.13 4187708.38 4.12851 654450.13
4187708.38 3.95587
654470.13 4187708.38 3.79387 654490.13
4187708.38 3.64171
653690.13 4187728.38 15.75923 653710.13
4187728.38 15.92860
653730.13 4187728.38 16.32918 653750.13
4187728.38 16.94087
653770.13 4187728.38 17.53978 653790.13
4187728.38 17.94507
653810.13 4187728.38 18.07566 653830.13
4187728.38 17.91810
653850.13 4187728.38 17.52575 653870.13
4187728.38 17.03141
653890.13 4187728.38 16.50466 653910.13
4187728.38 15.96812
653930.13 4187728.38 15.40649 653950.13
4187728.38 14.81011
653970.13 4187728.38 14.17731 653990.13
4187728.38 13.51812
654010.13 4187728.38 12.84657 654030.13
4187728.38 12.17578
654050.13 4187728.38 11.51624 654070.13
4187728.38 10.87590
654090.13 4187728.38 10.26067 654110.13
4187728.38 9.67468
654130.13 4187728.38 9.12066 654150.13
4187728.38 8.59998
654170.13 4187728.38 8.11296 654190.13
4187728.38 7.65901
654210.13 4187728.38 7.23694 654230.13
4187728.38 6.84515
654250.13 4187728.38 6.48172 654270.13
4187728.38 6.14467
654290.13 4187728.38 5.83198 654310.13
4187728.38 5.54172
654330.13 4187728.38 5.27205 654350.13
4187728.38 5.02124

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         654370.13    4187728.38        4.78773                       654390.13
4187728.38        4.57007
         654410.13    4187728.38        4.36694                       654430.13
4187728.38        4.17715
         654450.13    4187728.38        3.99959                       654470.13
4187728.38        3.83329
         654490.13    4187728.38        3.67735                       653690.13
4187748.38       18.13223
         653710.13    4187748.38       18.38284                       653730.13
4187748.38       18.88990
         653750.13    4187748.38       19.62079                       653770.13
4187748.38       20.32581
         653790.13    4187748.38       20.72615                       653810.13
4187748.38       20.75338
         653830.13    4187748.38       20.45191                       653850.13
4187748.38       19.89605
         653870.13    4187748.38       19.26818                       653890.13
4187748.38       18.60373
         653910.13    4187748.38       17.90538                       653930.13
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         653950.13    4187748.38       16.35728                       653970.13
4187748.38       15.52543
         653990.13    4187748.38       14.67967                       654010.13
4187748.38       13.83837
         654030.13    4187748.38       13.01615                       654050.13
4187748.38       12.22378
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         654070.13    4187748.38       11.46891                       654090.13
4187748.38       10.75647
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654110.13 4187748.38 10.08925 654130.13
4187748.38 9.46807
654150.13 4187748.38 8.89227 654170.13
4187748.38 8.36020
654190.13 4187748.38 7.86942 654210.13
4187748.38 7.41712
654230.13 4187748.38 7.00033 654250.13
4187748.38 6.61613
654270.13 4187748.38 6.26167 654290.13
4187748.38 5.93429
654310.13 4187748.38 5.63155 654330.13
4187748.38 5.35121
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4187748.38 4.84984
654390.13 4187748.38 4.62534 654410.13
4187748.38 4.41628
654430.13 4187748.38 4.22132 654450.13
4187748.38 4.03924
654470.13 4187748.38 3.86899 654490.13
4187748.38 3.70957
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4187768.38 21.48170
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4187768.38 23.07400
653770.13 4187768.38 23.87144 653790.13
4187768.38 24.22144
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4187768.38 23.55697
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4187768.38 21.98529
653890.13 4187768.38 21.09953 653910.13
4187768.38 20.13987
653930.13 4187768.38 19.11235 653950.13
4187768.38 18.04060
653970.13 4187768.38 16.95395 653990.13
4187768.38 15.87918
654010.13 4187768.38 14.83691 654030.13
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4187768.38 10.47133
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4187768.38 9.15912
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4187768.38 8.06108
654210.13 4187768.38 7.58114 654230.13
4187768.38 7.14152
654250.13 4187768.38 6.73829 654270.13
4187768.38 6.36786

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4187768.38        5.15420
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4187768.38        4.67478
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4187768.38        4.26060
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4187768.38        3.90054
         654490.13    4187768.38        3.73794                      653690.13
4187788.38       24.88470
         653710.13    4187788.38       25.46015                      653730.13
4187788.38       26.50559
         653750.13    4187788.38       27.64441                      653770.13
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         653790.13    4187788.38       28.67543                      653810.13
4187788.38       28.29734
         653830.13    4187788.38       27.44424                      653850.13
4187788.38       26.42001
         653870.13    4187788.38       25.27818                      653890.13
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4187788.38       21.25411
         653950.13    4187788.38       19.82489                      653970.13
4187788.38       18.42204
         653990.13    4187788.38       17.07569                      654010.13
4187788.38       15.80594
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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654030.13 4187788.38 14.62469 654050.13 4187788.38 13.53693
654070.13 4187788.38 12.54263 654090.13 4187788.38 11.63806
654110.13 4187788.38 10.81743 654130.13 4187788.38 10.07380
654150.13 4187788.38 9.39996 654170.13 4187788.38 8.78875
654190.13 4187788.38 8.23366 654210.13 4187788.38 7.72859
654230.13 4187788.38 7.26814 654250.13 4187788.38 6.84751
654270.13 4187788.38 6.46243 654290.13 4187788.38 6.10919
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654350.13 4187788.38 5.20933 654370.13 4187788.38 4.95410
654390.13 4187788.38 4.71766 654410.13 4187788.38 4.49825
654430.13 4187788.38 4.29429 654450.13 4187788.38 4.10437
654470.13 4187788.38 3.92723 654490.13 4187788.38 3.76176
653690.13 4187808.38 29.91268 653710.13 4187808.38 30.69265
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653770.13 4187808.38 34.62705 653790.13 4187808.38 34.56134
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653850.13 4187808.38 30.89610 653870.13 4187808.38 29.22163
653890.13 4187808.38 27.38046 653910.13 4187808.38 25.45535
653930.13 4187808.38 23.52248 653950.13 4187808.38 21.64529
653970.13 4187808.38 19.86843 653990.13 4187808.38 18.21873
654010.13 4187808.38 16.70899 654030.13 4187808.38 15.34087
654050.13 4187808.38 14.10914 654070.13 4187808.38 13.00397
654090.13 4187808.38 12.01375 654110.13 4187808.38 11.12629
654130.13 4187808.38 10.32994 654150.13 4187808.38 9.61396
654170.13 4187808.38 8.96879 654190.13 4187808.38 8.38593

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         654210.13    4187808.38        7.85803                       654230.13
4187808.38        7.37867
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4187808.38        6.54395
         654290.13    4187808.38        6.17956                       654310.13
4187808.38        5.84541
         654330.13    4187808.38        5.53831                       654350.13
4187808.38        5.25543
         654370.13    4187808.38        4.99435                       654390.13
4187808.38        4.75287
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4187808.38        4.32137
         654450.13    4187808.38        4.12814                       654470.13
4187808.38        3.94811
         654490.13    4187808.38        3.78010                       653690.13
4187828.38       36.67762
         653710.13    4187828.38       37.92587                       653730.13
4187828.38       40.09052
         653750.13    4187828.38       42.32075                       653770.13
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4187828.38       40.75669
         653830.13    4187828.38       38.72736                       653850.13
4187828.38       36.39750
         653870.13    4187828.38       33.81748                       653890.13
4187828.38       31.10159
         653910.13    4187828.38       28.39856                       653930.13
4187828.38       25.81234
         653950.13    4187828.38       23.40933                       653970.13
4187828.38       21.22315
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
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         654130.13    4187848.38       10.73564                      654150.13
4187848.38        9.94860
         654170.13    4187848.38        9.24616                      654190.13
4187848.38        8.61682
         654210.13    4187848.38        8.05093                      654230.13
4187848.38        7.54034
         654250.13    4187848.38        7.07814                      654270.13
4187848.38        6.65842
         654290.13    4187848.38        6.27616                      654310.13
4187848.38        5.92703
         654330.13    4187848.38        5.60729                      654350.13
4187848.38        5.31374
         654370.13    4187848.38        5.04357                      654390.13
4187848.38        4.79436
         654410.13    4187848.38        4.56395                      654430.13
4187848.38        4.35051
         654450.13    4187848.38        4.15236                      654470.13
4187848.38        3.96807
         654490.13    4187848.38        3.79636                      653690.13
4187868.38       59.87142
         653710.13    4187868.38       63.42220                      653730.13
4187868.38       69.06758
         653750.13    4187868.38       72.79462                      653770.13
4187868.38       71.77739
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4187868.38       50.32383
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4187868.38       38.80642
         653910.13    4187868.38       34.01075                      653930.13
4187868.38       29.89965
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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653990.13	4187868.38	20.94486	654010.13	4187868.38	18.80723
654030.13	4187868.38	16.97573	654050.13	4187868.38	15.39751
654070.13	4187868.38	14.02955	654090.13	4187868.38	12.83711
654110.13	4187868.38	11.79215	654130.13	4187868.38	10.87166
654150.13	4187868.38	10.05696	654170.13	4187868.38	9.33256
654190.13	4187868.38	8.68575	654210.13	4187868.38	8.10586
654230.13	4187868.38	7.58400	654250.13	4187868.38	7.11265
654270.13	4187868.38	6.68551	654290.13	4187868.38	6.29717
654310.13	4187868.38	5.94306	654330.13	4187868.38	5.61922
654350.13	4187868.38	5.32229	654370.13	4187868.38	5.04932
654390.13	4187868.38	4.79777	654410.13	4187868.38	4.56545
654430.13	4187868.38	4.35040	654450.13	4187868.38	4.15092
654470.13	4187868.38	3.96553	654490.13	4187868.38	3.79291
653690.13	4187888.38	80.96622	653830.13	4187888.38	67.70384
653850.13	4187888.38	57.83505	653870.13	4187888.38	49.28383
653890.13	4187888.38	42.14536	653910.13	4187888.38	36.28055
653930.13	4187888.38	31.47791	653950.13	4187888.38	27.53112
653970.13	4187888.38	24.26516	653990.13	4187888.38	21.54080
654010.13	4187888.38	19.24917	654030.13	4187888.38	17.30597
654050.13	4187888.38	15.64547	654070.13	4187888.38	14.21620
654090.13	4187888.38	12.97779	654110.13	4187888.38	11.89799
654130.13	4187888.38	10.95092	654150.13	4187888.38	10.11584

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         654170.13    4187888.38        9.37573                      654190.13
4187888.38        8.71672
         654210.13    4187888.38        8.12730                      654230.13
4187888.38        7.59801
         654250.13    4187888.38        7.12085                      654270.13
4187888.38        6.68913
         654290.13    4187888.38        6.29719                      654310.13
4187888.38        5.94026
         654330.13    4187888.38        5.61421                      654350.13
4187888.38        5.31555
         654370.13    4187888.38        5.04124                      654390.13
4187888.38        4.78868
         654410.13    4187888.38        4.55558                      654430.13
4187888.38        4.33996
         654450.13    4187888.38        4.14008                      654470.13
4187888.38        3.95443
         654490.13    4187888.38        3.78165                      653690.13
4187908.38      115.45271
         653830.13    4187908.38       78.62627                      653850.13
4187908.38       64.47630
         653870.13    4187908.38       53.39830                      653890.13
4187908.38       44.77064
         653910.13    4187908.38       38.00466                      653930.13
4187908.38       32.63658
         653950.13    4187908.38       28.32231                      653970.13
4187908.38       24.81098
         653990.13    4187908.38       21.91917                      654010.13
4187908.38       19.51149
         654030.13    4187908.38       17.48675                      654050.13
4187908.38       15.76838
         654070.13    4187908.38       14.29787                      654090.13
4187908.38       13.02975
         654110.13    4187908.38       11.92856                      654130.13
4187908.38       10.96596
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF VOCS     IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654150.13	4187908.38	10.11962	654170.13	4187908.38	9.37137
654190.13	4187908.38	8.70647	654210.13	4187908.38	8.11292
654230.13	4187908.38	7.58066	654250.13	4187908.38	7.10150
654270.13	4187908.38	6.66847	654290.13	4187908.38	6.27575
654310.13	4187908.38	5.91842	654330.13	4187908.38	5.59227
654350.13	4187908.38	5.29372	654370.13	4187908.38	5.01967
654390.13	4187908.38	4.76749	654410.13	4187908.38	4.53486
654430.13	4187908.38	4.31976	654450.13	4187908.38	4.12044
654470.13	4187908.38	3.93537	654490.13	4187908.38	3.76319
653690.13	4187928.38	175.38104	653830.13	4187928.38	87.34422
653850.13	4187928.38	69.32553	653870.13	4187928.38	56.20531
653890.13	4187928.38	46.44231	653910.13	4187928.38	39.01535
653930.13	4187928.38	33.24889	653950.13	4187928.38	28.68842
653970.13	4187928.38	25.02213	653990.13	4187928.38	22.03155
654010.13	4187928.38	19.56059	654030.13	4187928.38	17.49529
654050.13	4187928.38	15.75115	654070.13	4187928.38	14.26439
654090.13	4187928.38	12.98655	654110.13	4187928.38	11.87965
654130.13	4187928.38	10.91430	654150.13	4187928.38	10.06698
654170.13	4187928.38	9.31904	654190.13	4187928.38	8.65520
654210.13	4187928.38	8.06319	654230.13	4187928.38	7.53280
654250.13	4187928.38	7.05566	654270.13	4187928.38	6.62472
654290.13	4187928.38	6.23410	654310.13	4187928.38	5.87882

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         654330.13    4187928.38        5.55467                      654350.13
4187928.38        5.25805
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4187928.38        4.73541
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         654450.13    4187928.38        4.09305                      654470.13
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4187948.38       33.19614
         653950.13    4187948.38       28.55859                      653970.13
4187948.38       24.85780
         653990.13    4187948.38       21.85563                      654010.13
4187948.38       19.38516
         654030.13    4187948.38       17.32668                      654050.13
4187948.38       15.59237
         654070.13    4187948.38       14.11675                      654090.13
4187948.38       12.85001
         654110.13    4187948.38       11.75395                      654130.13
4187948.38       10.79880
         654150.13    4187948.38        9.96099                      654170.13
4187948.38        9.22164
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4187948.38        7.98086
         654230.13    4187948.38        7.45695                      654250.13
4187948.38        6.98566
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4187948.38        6.17423
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4187948.38        5.50314
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD      ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654350.13	4187948.38	5.21013	654370.13	4187948.38	4.94120
654390.13	4187948.38	4.69376	654410.13	4187948.38	4.46551
654430.13	4187948.38	4.25447	654450.13	4187948.38	4.05892
654470.13	4187948.38	3.87733	654490.13	4187948.38	3.70839
653690.13	4187968.38	298.43907	653830.13	4187968.38	91.12320
653850.13	4187968.38	70.31202	653870.13	4187968.38	56.03809
653890.13	4187968.38	45.81391	653910.13	4187968.38	38.23136
653930.13	4187968.38	32.44468	653950.13	4187968.38	27.92319
653970.13	4187968.38	24.31892	653990.13	4187968.38	21.39644
654010.13	4187968.38	18.99165	654030.13	4187968.38	16.98746
654050.13	4187968.38	15.29829	654070.13	4187968.38	13.86025
654090.13	4187968.38	12.62511	654110.13	4187968.38	11.55578
654130.13	4187968.38	10.62329	654150.13	4187968.38	9.80480
654170.13	4187968.38	9.08207	654190.13	4187968.38	8.44049
654210.13	4187968.38	7.86807	654230.13	4187968.38	7.35501
654250.13	4187968.38	6.89323	654270.13	4187968.38	6.47593
654290.13	4187968.38	6.09749	654310.13	4187968.38	5.75310
654330.13	4187968.38	5.43871	654350.13	4187968.38	5.15085
654370.13	4187968.38	4.88655	654390.13	4187968.38	4.64326
654410.13	4187968.38	4.41874	654430.13	4187968.38	4.21107
654450.13	4187968.38	4.01856	654470.13	4187968.38	3.83973

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         654490.13    4187968.38        3.67331                       653690.13
4187988.38      283.55755
         653830.13    4187988.38       83.71921                       653850.13
4187988.38       65.36411
         653870.13    4187988.38       52.57014                       653890.13
4187988.38       43.28937
         653910.13    4187988.38       36.33652                       653930.13
4187988.38       30.98632
         653950.13    4187988.38       26.77673                       653970.13
4187988.38       23.40118
         653990.13    4187988.38       20.65021                       654010.13
4187988.38       18.37670
         654030.13    4187988.38       16.47469                       654050.13
4187988.38       14.86615
         654070.13    4187988.38       13.49264                       654090.13
4187988.38       12.30974
         654110.13    4187988.38       11.28314                       654130.13
4187988.38       10.38599
         654150.13    4187988.38        9.59696                       654170.13
4187988.38        8.89901
         654190.13    4187988.38        8.27838                       654210.13
4187988.38        7.72379
         654230.13    4187988.38        7.22603                       654250.13
4187988.38        6.77745
         654270.13    4187988.38        6.37161                       654290.13
4187988.38        6.00314
         654310.13    4187988.38        5.66748                       654330.13
4187988.38        5.36077
         654350.13    4187988.38        5.07969                       654370.13
4187988.38        4.82139
         654390.13    4187988.38        4.58344                       654410.13
4187988.38        4.36370
         654430.13    4187988.38        4.16029                       654450.13
4187988.38        3.97161
         654470.13    4187988.38        3.79624                       654490.13
4187988.38        3.63293
         653655.14    4187974.84      209.92896                       653791.22
4188024.71       81.90120
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                  *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653827.99	4188054.29	38.73302	653851.66	4188036.97	41.63107
653905.33	4188036.12	28.93936	653749.81	4188104.17	29.86229
653938.30	4188029.78	24.43407	653988.59	4188027.67	18.42891
654041.42	4188038.23	13.62849	653989.86	4188051.76	16.37729
653634.01	4187869.18	41.75214	653624.71	4187963.01	104.08733
653582.87	4187962.16	58.26896	653701.20	4188100.78	36.20724
654582.91	4187495.31	2.67070	654554.33	4187451.49	2.66602
654607.68	4187449.58	2.47450	654492.60	4186914.23	1.31691
654507.05	4186910.79	1.30439	654509.12	4186964.47	1.40516
653809.30	4186919.71	1.42837	654342.28	4186818.67	1.26624
655092.49	4187197.56	1.21140	654238.71	4186303.37	0.72229
655153.11	4188271.10	1.08985	653689.06	4188008.65	347.89665
653683.67	4188032.40	164.59242	653706.08	4188038.27	114.75291
653679.42	4188056.68	88.48375	653658.84	4188047.21	114.95359
653702.97	4188063.08	67.19642	653675.63	4188081.17	54.79466
653653.68	4188071.07	70.92093	653699.87	4188087.89	44.02121
653668.64	4188130.42	27.19584	653645.12	4188119.60	33.54507
653621.60	4188108.77	39.19599	653693.66	4188137.50	23.35027
653663.21	4188180.40	16.29759	653641.26	4188170.29	18.95344
653619.30	4188160.19	21.86873	653597.35	4188150.08	24.36624

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         653575.40    4188139.97       25.66467                       653687.45
4188187.11       14.64024
         653656.54    4188229.80       11.04880                       653633.67
4188219.27       12.52643
         653610.81    4188208.75       14.21420                       653587.94
4188198.22       15.85870
         653565.07    4188187.69       17.17130                       653542.20
4188177.17       17.82397
         653681.24    4188236.72       10.13399                       653650.00
4188279.26        8.04302
         653626.48    4188268.43        8.94633                       653602.96
4188257.61        9.99917
         653579.44    4188246.78       11.08175                       653555.92
4188235.95       12.07204
         653532.40    4188225.12       12.83443                       653508.88
4188214.30       13.20425
         653675.02    4188286.34        7.48480                       653643.55
4188328.76        6.14178
         653619.54    4188317.71        6.73283                       653595.53
4188306.66        7.43305
         653571.52    4188295.60        8.17653                       653547.50
4188284.55        8.89357
         653523.49    4188273.50        9.52922                       653499.48
4188262.44       10.00747
         653475.47    4188251.39       10.22853                       653668.81
4188335.95        5.77770
         653631.37    4188428.10        3.95882                       653607.85
4188417.27        4.23281
         653584.33    4188406.45        4.55863                       653560.81
4188395.62        4.92022
         653537.29    4188384.79        5.29292                       653513.77
4188373.96        5.65619
         653490.25    4188363.13        5.99598                       653466.73
4188352.31        6.29869
         653443.21    4188341.48        6.53993                       653419.68
4188330.65        6.68631
         653656.39    4188435.17        3.78623                       653618.64
4188527.18        2.80176
         653594.49    4188516.07        2.95606                       653570.34
4188504.95        3.14074
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
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INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653546.19	4188493.83	3.35011	653522.04	4188482.72	3.57309
653497.90	4188471.60	3.79597	653473.75	4188460.48	4.01238
653449.60	4188449.37	4.21822	653425.45	4188438.25	4.40994
653401.30	4188427.13	4.57879	653377.16	4188416.02	4.71150
653353.01	4188404.90	4.79269	653643.97	4188534.40	2.70494
653606.40	4188626.49	2.10583	653582.61	4188615.54	2.19782
653558.83	4188604.60	2.30631	653535.05	4188593.65	2.43103
653511.27	4188582.70	2.56727	653487.49	4188571.75	2.70895
653463.70	4188560.80	2.84974	653439.92	4188549.86	2.98705
653416.14	4188538.91	3.11924	653392.36	4188527.96	3.24501
653368.58	4188517.01	3.36304	653344.79	4188506.06	3.46988
653321.01	4188495.12	3.55820	653297.23	4188484.17	3.62074
653273.45	4188473.22	3.64979	653631.55	4188633.63	2.04712
653593.76	4188725.62	1.65286	653569.55	4188714.47	1.71455
653545.33	4188703.33	1.78717	653521.12	4188692.18	1.87064
653496.91	4188681.03	1.96267	653472.70	4188669.89	2.05977
653448.48	4188658.74	2.15841	653424.27	4188647.60	2.25581
653400.06	4188636.45	2.35024	653375.85	4188625.30	2.44182
653351.63	4188614.16	2.52978	653327.42	4188603.01	2.61362

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         653303.21    4188591.86        2.69249                     653279.00
4188580.72        2.76329
         653254.78    4188569.57        2.82193                     653230.57
4188558.43        2.86293
         653206.36    4188547.28        2.88204                     653619.13
4188732.85        1.61370
         653581.48    4188824.91        1.33754                     653557.56
4188813.90        1.37946
         653533.64    4188802.88        1.42844                     653509.71
4188791.87        1.48467
         653485.79    4188780.86        1.54733                     653461.87
4188769.85        1.61444
         653437.95    4188758.83        1.68386                     653414.02
4188747.82        1.75368
         653390.10    4188736.81        1.82272                     653366.18
4188725.80        1.88986
         653342.25    4188714.78        1.95472                     653318.33
4188703.77        2.01767
         653294.41    4188692.76        2.07827                     653270.49
4188681.74        2.13681
         653246.56    4188670.73        2.19223                     653222.64
4188659.72        2.24321
         653198.72    4188648.71        2.28680                     653174.79
4188637.69        2.32022
         653150.87    4188626.68        2.34021                     653606.70
4188832.08        1.31076
         653550.32    4189072.92        0.86714                     653526.17
4189061.81        0.88662
         653502.02    4189050.69        0.90912                     653477.87
4189039.57        0.93494
         653453.72    4189028.46        0.96408                     653429.58
4189017.34        0.99598
         653405.43    4189006.22        1.02987                     653381.28
4188995.11        1.06488
         653357.13    4188983.99        1.10049                     653332.98
4188972.87        1.13617
         653308.84    4188961.76        1.17150                     653284.69
4188950.64        1.20621
         653260.54    4188939.53        1.23999                     653236.39
4188928.41        1.27262
         653212.24    4188917.29        1.30409                     653188.10
4188906.18        1.33450
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653163.95	4188895.06	1.36436	653139.80	4188883.94	1.39368
653115.65	4188872.83	1.42236	653091.50	4188861.71	1.44979
653067.36	4188850.59	1.47524	653043.21	4188839.48	1.49752
653019.06	4188828.36	1.51534	652994.91	4188817.24	1.52762
652970.76	4188806.13	1.53333	653575.65	4189080.14	0.85478
653519.38	4189321.04	0.61586	653495.48	4189310.04	0.62619
653471.58	4189299.04	0.63794	653447.68	4189288.04	0.65140
653423.78	4189277.03	0.66668	653399.88	4189266.03	0.68359
653375.98	4189255.03	0.70189	653352.08	4189244.03	0.72116
653328.18	4189233.02	0.74108	653304.28	4189222.02	0.76133
653280.38	4189211.02	0.78172	653256.48	4189200.02	0.80216
653232.58	4189189.02	0.82256	653208.68	4189178.01	0.84277
653184.78	4189167.01	0.86261	653160.88	4189156.01	0.88193
653136.98	4189145.01	0.90070	653113.08	4189134.00	0.91879
653089.18	4189123.00	0.93635	653065.28	4189112.00	0.95344
653041.38	4189101.00	0.97026	653017.48	4189089.99	0.98701
652993.58	4189078.99	1.00364	652969.68	4189067.99	1.02006
652945.78	4189056.99	1.03598	652921.88	4189045.99	1.05103

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         652897.98    4189034.98        1.06472                      652874.08
4189023.98        1.07639
         652850.18    4189012.98        1.08568                      652826.28
4189001.98        1.09202
         652802.38    4188990.97        1.09519                      653544.59
4189328.20        0.60939
         653488.25    4189569.07        0.46457                      653464.19
4189558.00        0.47073
         653440.14    4189546.92        0.47769                      653416.08
4189535.85        0.48565
         653392.02    4189524.77        0.49470                      653367.96
4189513.70        0.50482
         653343.90    4189502.62        0.51591                      653319.85
4189491.55        0.52774
         653295.79    4189480.47        0.54012                      653271.73
4189469.40        0.55282
         653247.67    4189458.32        0.56570                      653223.62
4189447.25        0.57867
         653199.56    4189436.17        0.59171                      653175.50
4189425.10        0.60479
         653151.44    4189414.02        0.61792                      653127.38
4189402.95        0.63103
         653103.33    4189391.87        0.64400                      653079.27
4189380.80        0.65674
         653055.21    4189369.72        0.66912                      653031.15
4189358.65        0.68104
         653007.10    4189347.57        0.69252                      652983.04
4189336.50        0.70359
         652958.98    4189325.42        0.71436                      652934.92
4189314.35        0.72497
         652910.86    4189303.27        0.73550                      652886.81
4189292.20        0.74608
         652862.75    4189281.12        0.75669                      652838.69
4189270.05        0.76726
         652814.63    4189258.97        0.77778                      652790.58
4189247.90        0.78795
         652766.52    4189236.82        0.79759                      652742.46
4189225.75        0.80641
         652718.40    4189214.67        0.81415                      652694.35
4189203.60        0.82052
         652670.29    4189192.52        0.82529                      652646.23
4189181.45        0.82824
         653513.54    4189576.27        0.46078                      653457.14
4189817.11        0.36551
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653432.96	4189805.98	0.36945	653408.79	4189794.85	0.37388
653384.62	4189783.72	0.37893	653360.44	4189772.59	0.38469
653336.27	4189761.47	0.39117	653312.09	4189750.34	0.39833
653287.92	4189739.21	0.40607	653263.75	4189728.08	0.41426
653239.57	4189716.95	0.42275	653215.40	4189705.82	0.43142
653191.22	4189694.69	0.44016	653167.05	4189683.57	0.44894
653142.87	4189672.44	0.45774	653118.70	4189661.31	0.46658
653094.53	4189650.18	0.47547	653070.35	4189639.05	0.48443
653046.18	4189627.92	0.49344	653022.00	4189616.80	0.50242
652997.83	4189605.67	0.51130	652973.66	4189594.54	0.51998
652949.48	4189583.41	0.52840	652925.31	4189572.28	0.53649
652901.13	4189561.15	0.54424	652876.96	4189550.02	0.55171
652852.79	4189538.90	0.55895	652828.61	4189527.77	0.56606
652804.44	4189516.64	0.57317	652780.26	4189505.51	0.58027
652756.09	4189494.38	0.58747	652731.91	4189483.25	0.59475
652707.74	4189472.13	0.60206	652683.57	4189461.00	0.60937
652659.39	4189449.87	0.61656	652635.22	4189438.74	0.62353

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         652611.04    4189427.61        0.63014                    652586.87
4189416.48        0.63623
         652562.70    4189405.36        0.64165                    652538.52
4189394.23        0.64625
         652514.35    4189383.10        0.64989                    652490.17
4189371.97        0.65243
         652466.00    4189360.84        0.65378                    653482.48
4189824.33        0.36318
         653395.06    4190313.25        0.24680                    653370.96
4190302.15        0.24860
         653346.85    4190291.06        0.25063                    653322.74
4190279.96        0.25293
         653298.63    4190268.86        0.25558                    653274.53
4190257.76        0.25858
         653250.42    4190246.67        0.26194                    653226.31
4190235.57        0.26566
         653202.21    4190224.47        0.26968                    653178.10
4190213.37        0.27394
         653153.99    4190202.27        0.27839                    653129.89
4190191.18        0.28294
         653105.78    4190180.08        0.28755                    653081.67
4190168.98        0.29216
         653057.56    4190157.88        0.29674                    653033.46
4190146.79        0.30129
         653009.35    4190135.69        0.30580                    652985.24
4190124.59        0.31033
         652961.14    4190113.49        0.31488                    652937.03
4190102.40        0.31949
         652912.92    4190091.30        0.32419                    652888.82
4190080.20        0.32896
         652864.71    4190069.10        0.33380                    652840.60
4190058.01        0.33865
         652816.50    4190046.91        0.34347                    652792.39
4190035.81        0.34821
         652768.28    4190024.71        0.35283                    652744.17
4190013.62        0.35729
         652720.07    4190002.52        0.36159                    652695.96
4189991.42        0.36569
         652671.85    4189980.32        0.36963                    652647.75
4189969.23        0.37343
         652623.64    4189958.13        0.37713                    652599.53
4189947.03        0.38077
         652575.43    4189935.93        0.38439                    652551.32
4189924.84        0.38803
         652527.21    4189913.74        0.39171                    652503.11
4189902.64        0.39545
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652479.00	4189891.54	0.39926	652454.89	4189880.45	0.40311
652430.78	4189869.35	0.40702	652406.68	4189858.25	0.41094
652382.57	4189847.15	0.41484	652358.46	4189836.06	0.41869
652334.36	4189824.96	0.42244	652310.25	4189813.86	0.42604
652286.14	4189802.76	0.42944	652262.04	4189791.67	0.43257
652237.93	4189780.57	0.43538	652213.82	4189769.47	0.43782
652189.72	4189758.37	0.43982	652165.61	4189747.28	0.44133
652141.50	4189736.18	0.44232	653420.38	4190320.46	0.24581
653332.88	4190809.34	0.18025	653308.63	4190798.18	0.18120
653284.38	4190787.02	0.18226	653260.13	4190775.85	0.18347
653235.88	4190764.69	0.18485	653211.63	4190753.53	0.18643
653187.38	4190742.36	0.18823	653163.13	4190731.20	0.19023
653138.88	4190720.04	0.19244	653114.63	4190708.87	0.19482
653090.38	4190697.71	0.19735	653066.13	4190686.55	0.20000
653041.88	4190675.38	0.20276	653017.63	4190664.22	0.20556
652993.38	4190653.06	0.20837	652969.13	4190641.89	0.21117

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         652944.88    4190630.73        0.21393                    652920.63
4190619.57        0.21666
         652896.38    4190608.40        0.21935                    652872.13
4190597.24        0.22203
         652847.88    4190586.08        0.22469                    652823.63
4190574.91        0.22737
         652799.38    4190563.75        0.23009                    652775.13
4190552.59        0.23285
         652750.88    4190541.42        0.23567                    652726.63
4190530.26        0.23857
         652702.38    4190519.10        0.24152                    652678.13
4190507.93        0.24452
         652653.88    4190496.77        0.24753                    652629.63
4190485.61        0.25053
         652605.38    4190474.44        0.25349                    652581.13
4190463.28        0.25638
         652556.88    4190452.12        0.25917                    652532.63
4190440.95        0.26185
         652508.38    4190429.79        0.26441                    652484.13
4190418.63        0.26685
         652459.88    4190407.46        0.26919                    652435.63
4190396.30        0.27144
         652411.38    4190385.14        0.27363                    652387.13
4190373.97        0.27577
         652362.88    4190362.81        0.27788                    652338.63
4190351.64        0.28000
         652314.38    4190340.48        0.28213                    652290.13
4190329.32        0.28429
         652265.88    4190318.15        0.28648                    652241.63
4190306.99        0.28872
         652217.38    4190295.83        0.29100                    652193.13
4190284.66        0.29332
         652168.88    4190273.50        0.29567                    652144.63
4190262.34        0.29804
         652120.38    4190251.17        0.30043                    652096.13
4190240.01        0.30280
         652071.88    4190228.85        0.30516                    652047.63
4190217.68        0.30749
         652023.38    4190206.52        0.30975                    651999.13
4190195.36        0.31193
         651974.88    4190184.19        0.31401                    651950.63
4190173.03        0.31596
         651926.38    4190161.87        0.31774                    651902.13
4190150.70        0.31934
         651877.88    4190139.54        0.32072                    651853.63
4190128.38        0.32186
         651829.38    4190117.21        0.32274                    651805.13
4190106.05        0.32332
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

652569.25 4190982.53 0.18227 652545.06
4190971.40 0.18419
652520.87 4190960.26 0.18616 652496.68
4190949.12 0.18815
652472.49 4190937.99 0.19016 652448.30
4190926.85 0.19217
652424.11 4190915.71 0.19416 652399.91
4190904.58 0.19611
652375.72 4190893.44 0.19800 652351.53
4190882.30 0.19982
652327.34 4190871.17 0.20157 652303.15
4190860.03 0.20323
652278.96 4190848.90 0.20482 652254.77
4190837.76 0.20634
652230.58 4190826.62 0.20780 652206.38
4190815.49 0.20920
652182.19 4190804.35 0.21057 652158.00
4190793.21 0.21192
652133.81 4190782.08 0.21325 652109.62
4190770.94 0.21459
652085.43 4190759.80 0.21594 652061.24
4190748.67 0.21730
652037.04 4190737.53 0.21868 652012.85
4190726.40 0.22009
651988.66 4190715.26 0.22153 651964.47
4190704.12 0.22300
651940.28 4190692.99 0.22448 651916.09
4190681.85 0.22600
651891.90 4190670.71 0.22752 651867.71
4190659.58 0.22907
651843.51 4190648.44 0.23062 651819.32
4190637.30 0.23217
651795.13 4190626.17 0.23372 651770.94
4190615.03 0.23526
651746.75 4190603.90 0.23676 651722.56
4190592.76 0.23823
651698.37 4190581.62 0.23965 651674.18
4190570.49 0.24102
651649.98 4190559.35 0.24233 651625.79
4190548.21 0.24356
651601.60 4190537.08 0.24468 651577.41
4190525.94 0.24568
651553.22 4190514.80 0.24657 651529.03
4190503.67 0.24732
651504.84 4190492.53 0.24792 651480.65
4190481.40 0.24835
651456.45 4190470.26 0.24863 653296.16
4191312.71 0.13852
653208.71 4191801.62 0.11085 653184.57
4191790.51 0.11118

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652484.27 4191468.13 0.14113 652460.13
4191457.01 0.14232
652435.98 4191445.90 0.14355 652411.83
4191434.78 0.14482
652387.68 4191423.67 0.14614 652363.53
4191412.55 0.14750
652339.39 4191401.43 0.14888 652315.24
4191390.32 0.15030
652291.09 4191379.20 0.15172 652266.94
4191368.08 0.15315
652242.79 4191356.97 0.15457 652218.65
4191345.85 0.15596
652194.50 4191334.73 0.15732 652170.35
4191323.62 0.15863
652146.20 4191312.50 0.15989 652122.05
4191301.38 0.16110
652097.91 4191290.27 0.16225 652073.76
4191279.15 0.16335
652049.61 4191268.04 0.16440 652025.46
4191256.92 0.16540
652001.31 4191245.80 0.16637 651977.17
4191234.69 0.16730
651953.02 4191223.57 0.16822 651928.87
4191212.45 0.16912
651904.72 4191201.34 0.17002 651880.57
4191190.22 0.17092
651856.43 4191179.10 0.17183 651832.28
4191167.99 0.17275
651808.13 4191156.87 0.17368 651783.98
4191145.76 0.17463
651759.84 4191134.64 0.17560 651735.69
4191123.52 0.17657
651711.54 4191112.41 0.17756 651687.39
4191101.29 0.17856
651663.24 4191090.17 0.17957 651639.10
4191079.06 0.18060
651614.95 4191067.94 0.18162 651590.80
4191056.82 0.18265
651566.65 4191045.71 0.18368 651542.50
4191034.59 0.18473
651518.36 4191023.47 0.18579 651494.21
4191012.36 0.18686
651470.06 4191001.24 0.18793 651445.91
4190990.13 0.18897
651421.76 4190979.01 0.19000 651397.62
4190967.89 0.19101
651373.47 4190956.78 0.19198 651349.32
4190945.66 0.19292
651325.17 4190934.54 0.19383 651301.02
4190923.43 0.19468

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651228.58	4190890.08	0.19685	651204.43	4190878.96	0.19741
651180.28	4190867.85	0.19788	651156.14	4190856.73	0.19825
651131.99	4190845.61	0.19851	653234.05	4191808.84	0.11074
653712.29	4188013.66	212.68983	653736.84	4188013.66	176.15003
653761.39	4188013.66	142.34482	653785.94	4188013.66	108.76932
653810.49	4188013.66	82.08857	653736.84	4188038.66	92.53744
653761.39	4188038.66	76.98182	653785.94	4188038.66	64.72216
653810.49	4188038.66	54.62811	653736.84	4188063.66	56.87297
653761.39	4188063.66	49.49623	653785.94	4188063.66	42.84228
653810.49	4188063.66	37.41672	653736.84	4188088.66	38.50870
653761.39	4188088.66	34.62105	653785.94	4188088.66	30.90506
653810.49	4188088.66	27.51288	653736.84	4188138.66	21.16039
653761.39	4188138.66	19.79053	653785.94	4188138.66	18.37176

653810.49 4188138.66 16.98371 653712.29
4188188.66 13.97134
653736.84 4188188.66 13.49487 653761.39
4188188.66 12.90389
653785.94 4188188.66 12.23570 653810.49
4188188.66 11.56166
653712.29 4188238.66 9.68489 653736.84
4188238.66 9.43425
653761.39 4188238.66 9.13260 653785.94
4188238.66 8.78345
653810.49 4188238.66 8.41013 653712.29
4188288.66 7.16371
653736.84 4188288.66 7.01401 653761.39
4188288.66 6.83656
653785.94 4188288.66 6.63524 653810.49
4188288.66 6.41669
653712.29 4188338.66 5.53730 653736.84
4188338.66 5.44241
653761.39 4188338.66 5.33198 653785.94
4188338.66 5.20739
653810.49 4188338.66 5.07084 653693.66
4188437.50 3.68745
653736.84 4188438.66 3.59643 653761.39
4188438.66 3.54422
653785.94 4188438.66 3.48493 653810.49
4188438.66 3.42061
653689.52 4188537.24 2.63963 653666.74
4188535.82 2.67098
653712.29 4188538.66 2.60785 653736.84
4188538.66 2.58280
653761.39 4188538.66 2.55381 653785.94
4188538.66 2.52067
653810.49 4188538.66 2.48440 653692.10
4188637.40 1.99485
653736.84 4188638.66 1.96134 653761.39
4188638.66 1.94354
653785.94 4188638.66 1.92339 653810.49
4188638.66 1.90081
653689.00 4188737.21 1.57424 653665.71
4188735.76 1.58739
653642.42 4188734.30 1.60017 653712.29
4188738.66 1.56037
653736.84 4188738.66 1.54993 653761.39
4188738.66 1.53831
653785.94 4188738.66 1.52520 653810.49
4188738.66 1.51044
653691.17 4188837.34 1.27790 653648.94
4188834.71 1.29458
653736.84 4188838.66 1.26146 653761.39
4188838.66 1.25342

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD   ***
                                INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         653643.97   4189084.40   0.84346   653621.20
4189082.98   0.84741
         653598.42   4189081.56   0.85107   653712.29
4189088.66   0.82932
         653736.84   4189088.66   0.82567   653761.39
4189088.66   0.82182
         653785.94   4189088.66   0.81774   653810.49
4189088.66   0.81327
         653688.33   4189337.17   0.59545   653664.38
4189335.67   0.59848
         653640.42   4189334.18   0.60126   653616.46
4189332.69   0.60371
         653592.51   4189331.19   0.60580   653568.55
4189329.70   0.60761
         653712.29   4189338.66   0.59227   653736.84
4189338.66   0.59010
         653761.39   4189338.66   0.58795   653785.94
4189338.66   0.58578
         653810.49   4189338.66   0.58349   653690.21
4189587.28   0.45032
         653646.04   4189584.53   0.45400   653601.87
4189581.78   0.45704
         653557.71   4189579.02   0.45918   653736.84
4189588.66   0.44700

653761.39 4189588.66 0.44565 653785.94
4189588.66 0.44434
653810.49 4189588.66 0.44303 653689.31
4189837.23 0.35523
653666.33 4189835.79 0.35665 653643.35
4189834.36 0.35801
653620.37 4189832.93 0.35926 653597.39
4189831.50 0.36035
653574.41 4189830.06 0.36125 653551.43
4189828.63 0.36193
653528.45 4189827.20 0.36243 653505.47
4189825.76 0.36282
653712.29 4189838.66 0.35381 653736.84
4189838.66 0.35282
653761.39 4189838.66 0.35190 653785.94
4189838.66 0.35105
653810.49 4189838.66 0.35022 653687.96
4190337.14 0.24083
653663.64 4190335.63 0.24170 653639.31
4190334.11 0.24256
653614.99 4190332.59 0.24338 653590.66
4190331.08 0.24411
653566.33 4190329.56 0.24473 653542.01
4190328.04 0.24521
653517.68 4190326.53 0.24554 653493.35
4190325.01 0.24574
653469.03 4190323.49 0.24582 653444.70
4190321.98 0.24583
653712.29 4190338.66 0.23997 653736.84
4190338.66 0.23940
653761.39 4190338.66 0.23889 653785.94
4190338.66 0.23843
653810.49 4190338.66 0.23802 653688.69
4190837.19 0.17633
653665.09 4190835.72 0.17688 653641.49
4190834.25 0.17744
653617.88 4190832.77 0.17798 653594.28
4190831.30 0.17850
653570.68 4190829.83 0.17896 653547.08
4190828.36 0.17936
653523.48 4190826.89 0.17968 653499.88
4190825.42 0.17991
653476.27 4190823.94 0.18006 653452.67
4190822.47 0.18012
653429.07 4190821.00 0.18010 653405.47
4190819.53 0.18002
653381.87 4190818.06 0.17990 653712.29
4190838.66 0.17580
653736.84 4190838.66 0.17544 653761.39
4190838.66 0.17511

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653589.90	4191331.03	0.13763	653565.42	4191329.50	0.13799
653540.94	4191327.98	0.13832	653516.46	4191326.45	0.13859
653491.98	4191324.92	0.13880	653467.51	4191323.40	0.13895
653443.03	4191321.87	0.13904	653418.55	4191320.34	0.13906
653394.07	4191318.82	0.13903	653369.59	4191317.29	0.13894
653345.11	4191315.77	0.13882	653320.64	4191314.24	0.13867
653712.29	4191338.66	0.13566	653736.84	4191338.66	0.13540
653761.39	4191338.66	0.13518	653785.94	4191338.66	0.13498
653810.49	4191338.66	0.13481	653688.38	4191837.17	0.10892
653664.47	4191835.68	0.10920	653640.55	4191834.19	0.10949
653616.64	4191832.70	0.10978	653592.73	4191831.21	0.11006

653568.82 4191829.71 0.11034 653544.90
4191828.22 0.11060
653520.99 4191826.73 0.11083 653497.08
4191825.24 0.11102
653473.17 4191823.75 0.11119 653449.26
4191822.26 0.11131
653425.34 4191820.77 0.11139 653401.43
4191819.28 0.11142
653377.52 4191817.79 0.11142 653353.61
4191816.30 0.11137
653329.70 4191814.80 0.11129 653305.78
4191813.31 0.11117
653281.87 4191811.82 0.11104 653257.96
4191810.33 0.11089
653712.29 4191838.66 0.10865 653736.84
4191838.66 0.10846
653761.39 4191838.66 0.10829 653785.94
4191838.66 0.10815
653810.49 4191838.66 0.10803 653835.43
4187990.43 77.15254
653838.58 4187946.01 82.24622 653841.72
4187901.59 67.41066
653852.47 4188008.72 55.37988 653861.94
4187969.98 61.06886
653865.09 4187925.56 58.79762 653868.23
4187881.14 48.22960
653877.41 4188010.49 43.22255 653844.57
4188050.24 37.10651
653886.88 4187971.75 46.93314 653890.02
4187927.33 46.42965
653893.17 4187882.91 40.37671 653902.34
4188012.25 34.74993
653886.55 4188045.30 30.22361 653861.61
4188068.54 27.30811
653911.81 4187973.52 37.30440 653914.96
4187929.10 37.50834
653918.11 4187884.68 33.92057 653950.64
4188019.09 23.88701
653931.69 4188058.75 20.98880 653892.29
4188106.46 16.70104
653851.39 4188122.56 16.82599 653961.69
4187977.05 25.36350
653964.84 4187932.63 25.91926 653967.98
4187888.21 24.58198
654000.97 4188021.68 17.64099 653982.92
4188059.45 16.25041
653964.87 4188097.22 13.88889 653927.35
4188142.66 11.38097
653888.39 4188157.99 11.48400 653849.44
4188173.33 11.60918

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653924.10	4188193.94	8.40827	653886.23	4188208.85	8.49532
653848.36	4188223.75	8.51573	654061.44	4187984.12	14.15843
654064.59	4187939.70	14.58258	654067.73	4187895.28	14.41944
654100.26	4188029.70	10.86370	654081.31	4188069.36	10.31966
654062.36	4188109.01	9.32479	654043.41	4188148.67	8.10900
654024.46	4188188.33	6.89649	653994.54	4188216.21	6.40492
653953.64	4188232.31	6.47359	653912.74	4188248.41	6.53739
653871.84	4188264.51	6.55330	654111.31	4187987.66	11.23796
654114.46	4187943.24	11.57459	654117.61	4187898.82	11.55129
654150.40	4188032.68	8.90712	654131.98	4188071.24	8.57352

654113.55 4188109.80 7.93163 654095.13
4188148.35 7.12390
654076.71 4188186.91 6.23686 654058.28
4188225.47 5.42237
654029.19 4188252.57 5.10468 653989.42
4188268.22 5.15583
653949.66 4188283.88 5.20076 653909.90
4188299.53 5.22792
653870.13 4188315.18 5.20039 654161.19
4187991.19 9.16937
654164.34 4187946.77 9.43618 654167.48
4187902.35 9.47169
654249.89 4188040.30 6.34435 654230.94
4188079.96 6.17724
654211.99 4188119.62 5.83334 654193.04
4188159.28 5.39040
654174.09 4188198.94 4.88839 654155.14
4188238.60 4.35490
654136.19 4188278.25 3.87123 654096.79
4188325.96 3.50144
654055.89 4188342.06 3.53223 654014.99
4188358.16 3.55704
653974.09 4188374.26 3.57873 653933.19
4188390.36 3.57645
653892.29 4188406.46 3.54715 653851.39
4188422.56 3.49511
654260.94 4187998.26 6.49015 654264.09
4187953.84 6.66252
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4188046.67 4.78507
654331.69 4188084.94 4.70436 654313.40
4188123.21 4.52293
654295.11 4188161.48 4.27520 654276.83
4188199.74 3.99508
654258.54 4188238.01 3.68714 654240.26
4188276.28 3.35780
654221.97 4188314.55 3.04455 654203.69
4188352.81 2.78099
654165.67 4188398.85 2.57674 654126.20
4188414.38 2.59486
654086.74 4188429.92 2.60784 654047.28
4188445.45 2.62299
654007.81 4188460.99 2.63240 653968.35
4188476.52 2.62608
653928.88 4188492.06 2.60756 653889.42
4188507.59 2.57665
653849.95 4188523.13 2.53380 654360.69
4188005.33 4.87296
654363.84 4187960.91 4.98944 654366.98
4187916.49 5.04891

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         654449.53    4188054.14        3.75822                      654430.87
4188093.20        3.71067
         654412.21    4188132.25        3.59661                      654393.54
4188171.31        3.43427
         654374.88    4188210.37        3.24866                      654356.21
4188249.43        3.04932
         654337.55    4188288.49        2.83115                      654318.89
4188327.54        2.60131
         654300.22    4188366.60        2.38509                      654281.56
4188405.66        2.20200
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654262.90    4188444.72        2.05042                      654233.43
4188472.18        1.99018
         654193.15    4188488.03        2.00117                      654152.87
4188503.89        2.00861
         654112.59    4188519.74        2.01929                      654072.31
4188535.60        2.02942
         654032.03    4188551.45        2.02991                      653991.75
4188567.31        2.02167
         653951.47    4188583.17        2.00652                      653911.19
4188599.02        1.98206
         653870.91    4188614.88        1.95114                      654460.44
4188012.40        3.81555
         654463.59    4187967.98        3.89761                      654466.73
4187923.56        3.94656
         654549.14    4188061.51        3.04335                      654530.19
4188101.17        3.01419
         654511.24    4188140.83        2.93926                      654492.29
4188180.48        2.82820
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654473.34 4188220.14 2.69794 654454.39 4188259.80 2.56000
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654359.63 4188458.10 1.79539 654340.68 4188497.76 1.68448
654301.28 4188545.46 1.59262 654260.38 4188561.56 1.59941
654219.48 4188577.66 1.60359 654178.58 4188593.76 1.61099
654137.68 4188609.86 1.62026 654096.79 4188625.96 1.62405
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654591.25 4188189.21 2.37602 654572.07 4188229.34 2.28113
654552.89 4188269.47 2.18008 654533.72 4188309.60 2.07553
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654399.49 4188590.52 1.34056 654369.20 4188618.73 1.30963
654327.82 4188635.02 1.31381 654286.43 4188651.31 1.31598
654245.05 4188667.60 1.32103 654203.66 4188683.89 1.32896
654162.27 4188700.18 1.33409 654120.89 4188716.48 1.33350
654079.50 4188732.77 1.32967 654038.11 4188749.06 1.32330
653996.73 4188765.35 1.31185 653955.34 4188781.64 1.29558
653913.96 4188797.93 1.27828 653872.57 4188814.22 1.26165

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654729.33	4188439.79	1.33651	654710.55	4188479.09	1.27412
654691.77	4188518.39	1.20795	654672.99	4188557.69	1.14232
654654.21	4188596.99	1.08171	654635.43	4188636.29	1.02862
654616.65	4188675.60	0.98309	654597.87	4188714.90	0.94347
654579.09	4188754.20	0.90715	654540.05	4188801.48	0.87303
654499.51	4188817.43	0.87393	654458.98	4188833.39	0.87352
654418.45	4188849.34	0.87465	654377.92	4188865.30	0.87859
654337.39	4188881.25	0.88368	654296.86	4188897.21	0.88695

654256.33 4188913.16 0.88726 654215.80
4188929.11 0.88583
654175.27 4188945.07 0.88404 654134.74
4188961.02 0.88128
654094.21 4188976.98 0.87580 654053.68
4188992.93 0.86734
654013.14 4189008.89 0.85759 653972.61
4189024.84 0.84847
653932.08 4189040.80 0.84040 653891.55
4189056.75 0.83258
653851.02 4189072.71 0.82376 654909.31
4188044.21 1.71792
654912.46 4187999.79 1.74227 654915.61
4187955.37 1.76058
655147.64 4188103.92 1.24240 655128.69
4188143.58 1.24073
655109.74 4188183.24 1.23153 655090.79
4188222.90 1.21472
655071.84 4188262.56 1.19123 655052.88
4188302.22 1.16272
655033.93 4188341.88 1.13128 655014.98
4188381.54 1.09894
654996.03 4188421.19 1.06706 654977.08
4188460.85 1.03570
654958.13 4188500.51 1.00367 654939.18
4188540.17 0.96930
654920.23 4188579.83 0.93177 654901.28
4188619.49 0.89156
654882.33 4188659.15 0.85094 654863.38
4188698.81 0.81214
654844.43 4188738.47 0.77689 654825.48
4188778.12 0.74587
654806.53 4188817.78 0.71890 654787.58
4188857.44 0.69519
654768.63 4188897.10 0.67354 654749.68
4188936.76 0.65254
654710.28 4188984.47 0.63149 654669.38
4189000.57 0.63115
654628.48 4189016.67 0.62996 654587.58
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4189097.17 0.64052
654383.08 4189113.27 0.64060 654342.18
4189129.37 0.63968
654301.28 4189145.46 0.63879 654260.38
4189161.56 0.63800
654219.48 4189177.66 0.63634 654178.58
4189193.76 0.63276

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4189225.96        0.62090
         654055.89    4189242.06        0.61487                       654014.99
4189258.16        0.60977
         653974.09    4189274.26        0.60542                       653933.19
4189290.36        0.60117
         653892.29    4189306.46        0.59633                       653851.39
4189322.56        0.59043
         655158.69    4188061.88        1.24988                       655161.83
4188017.46        1.26459
         655164.98    4187973.04        1.27612                       655396.95
4188121.72        0.95307
         655377.88    4188161.63        0.95286                       655358.81
4188201.54        0.94824
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         655339.74    4188241.45        0.93902                       655320.67
4188281.35        0.92553
         655301.60    4188321.26        0.90849                       655282.53
4188361.17        0.88885
         655263.46    4188401.08        0.86770                       655244.39
4188440.99        0.84613
         655225.32    4188480.90        0.82495                       655206.25
4188520.80        0.80448
         655187.19    4188560.71        0.78430                       655168.12
4188600.62        0.76365
         655149.05    4188640.53        0.74104                       655129.98
4188680.44        0.71652
         655110.91    4188720.35        0.69026                       655091.84
4188760.25        0.66333
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655072.77 4188800.16 0.63699 655053.70
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4188919.89 0.57029
654996.49 4188959.80 0.55292 654977.42
4188999.70 0.53754
654958.35 4189039.61 0.52356 654939.28
4189079.52 0.51021
654920.21 4189119.43 0.49666 654880.56
4189167.44 0.48236
654839.40 4189183.64 0.48154 654798.25
4189199.84 0.48012
654757.09 4189216.04 0.47929 654715.93
4189232.24 0.47990
654674.78 4189248.44 0.48204 654633.62
4189264.64 0.48490
654592.46 4189280.84 0.48736 654551.31
4189297.04 0.48858
654510.15 4189313.25 0.48852 654468.99
4189329.45 0.48781
654427.84 4189345.65 0.48717 654386.68
4189361.85 0.48692
654345.53 4189378.05 0.48662 654304.37
4189394.25 0.48549
654263.21 4189410.45 0.48298 654222.06
4189426.65 0.47916
654180.90 4189442.85 0.47469 654139.74
4189459.05 0.47036
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4189491.45 0.46369
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653933.96 4189540.06 0.45579 653892.80
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653851.65 4189572.46 0.44790 655408.06
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655411.21 4188035.14 0.96705 655414.36
4187990.72 0.97474
655646.28 4188139.49 0.75869 655627.13
4188179.58 0.75904
655607.97 4188219.67 0.75662 655588.81
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655569.65 4188299.86 0.74305 655550.49
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655531.34 4188380.04 0.71971 655512.18
4188420.13 0.70561
655493.02 4188460.22 0.69067 655473.86
4188500.32 0.67547
655454.71 4188540.41 0.66054 655435.55
4188580.50 0.64621

655416.39 4188620.59 0.63237 655397.23
4188660.69 0.61859
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655263.13 4188941.33 0.49835 655243.97
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655224.81 4189021.52 0.46655 655205.66
4189061.61 0.45308
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4189141.79 0.43057
655148.18 4189181.89 0.42097 655129.03
4189221.98 0.41194
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 107
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- - - -

654637.42 4189513.15 0.38751 654596.07 4189529.42 0.38691
654554.72 4189545.70 0.38637 654513.38 4189561.98 0.38620
654472.03 4189578.25 0.38628 654430.68 4189594.53 0.38616
654389.34 4189610.80 0.38531 654347.99 4189627.08 0.38343
654306.65 4189643.35 0.38062 654265.30 4189659.63 0.37732
654223.95 4189675.90 0.37405 654182.61 4189692.18 0.37120
654141.26 4189708.46 0.36889 654099.91 4189724.73 0.36707
654058.57 4189741.01 0.36552 654017.22 4189757.28 0.36398
653975.88 4189773.56 0.36218 653934.53 4189789.83 0.35990
653893.18 4189806.11 0.35708 653851.84 4189822.38 0.35378
655657.44 4188097.23 0.76154 655660.58 4188052.81 0.76810
655663.73 4188008.39 0.77348 656145.10 4188174.70 0.51988
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656088.00 4188294.18 0.51801 656068.97 4188334.01 0.51471
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         655631.24    4189250.07        0.32757                      655612.21
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         655517.05    4189489.04        0.28982                      655498.02
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         654816.81    4189942.53        0.26351                      654775.73
4189958.70        0.26319
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4190314.41 0.24104
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4189091.95 0.30138
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4189172.11 0.29115

656164.98 4189212.19 0.28545 656145.83
4189252.27 0.27942
656126.68 4189292.35 0.27320 656107.52
4189332.43 0.26693
656088.37 4189372.51 0.26073 656069.22
4189412.60 0.25472
656050.07 4189452.68 0.24898 656030.91
4189492.76 0.24356
656011.76 4189532.84 0.23850 655992.61
4189572.92 0.23382
655973.46 4189613.00 0.22953 655954.31
4189653.08 0.22561
655935.15 4189693.16 0.22205 655916.00
4189733.24 0.21881
655896.85 4189773.32 0.21586 655877.70
4189813.40 0.21312
655858.54 4189853.48 0.21054 655839.39
4189893.57 0.20798
655820.24 4189933.65 0.20532 655801.09
4189973.73 0.20242

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655781.94	4190013.81	0.19916	655762.78	4190053.89	0.19551
655732.54	4190082.06	0.19323	655691.21	4190098.34	0.19236
655649.87	4190114.61	0.19133	655608.54	4190130.88	0.19034
655567.20	4190147.15	0.18963	655525.87	4190163.42	0.18933

655484.53 4190179.69 0.18952 655443.20 4190195.96 0.19017
655401.87 4190212.23 0.19115 655360.53 4190228.50 0.19226
655319.20 4190244.77 0.19332 655277.86 4190261.04 0.19414
655236.53 4190277.31 0.19462 655195.19 4190293.59 0.19473
655153.86 4190309.86 0.19453 655112.52 4190326.13 0.19414
655071.19 4190342.40 0.19372 655029.86 4190358.67 0.19339
654988.52 4190374.94 0.19325 654947.19 4190391.21 0.19335
654905.85 4190407.48 0.19362 654864.52 4190423.75 0.19394
654823.18 4190440.02 0.19419 654781.85 4190456.29 0.19421
654740.51 4190472.57 0.19391 654699.18 4190488.84 0.19324
654657.85 4190505.11 0.19225 654616.51 4190521.38 0.19103
654575.18 4190537.65 0.18971 654533.84 4190553.92 0.18840
654492.51 4190570.19 0.18722 654451.17 4190586.46 0.18620
654409.84 4190602.73 0.18536 654368.50 4190619.00 0.18471
654327.17 4190635.27 0.18420 654285.84 4190651.54 0.18382
654244.50 4190667.82 0.18350 654203.17 4190684.09 0.18320
654161.83 4190700.36 0.18286 654120.50 4190716.63 0.18242
654079.16 4190732.90 0.18183 654037.83 4190749.17 0.18106
653996.49 4190765.44 0.18011 653955.16 4190781.71 0.17899
653913.83 4190797.98 0.17776 653872.49 4190814.25 0.17647
656654.93 4188167.92 0.38331 656658.08 4188123.50 0.38535
656661.23 4188079.08 0.38710 657142.58 4188245.43 0.29582
657123.51 4188285.32 0.29634 657104.45 4188325.22 0.29649
657085.38 4188365.12 0.29621 657066.32 4188405.01 0.29548
657047.25 4188444.91 0.29429 657028.19 4188484.81 0.29267

         656589.71   4189402.44   0.22261   656570.65
4189442.34   0.21876
         656551.58   4189482.24   0.21475   656532.52
4189522.13   0.21064
         656513.45   4189562.03   0.20652   656494.39
4189601.93   0.20244

656475.32 4189641.82 0.19847 656456.26 4189681.72 0.19463
656437.19 4189721.62 0.19096 656418.13 4189761.52 0.18748
656399.07 4189801.41 0.18421 656380.00 4189841.31 0.18114
656360.94 4189881.21 0.17831 656341.87 4189921.10 0.17569
656322.81 4189961.00 0.17328 656303.74 4190000.90 0.17109
656284.68 4190040.79 0.16908 656265.62 4190080.69 0.16725
656246.55 4190120.59 0.16557 656227.49 4190160.49 0.16399
656208.42 4190200.38 0.16244 656189.36 4190240.28 0.16085
656170.29 4190280.18 0.15915 656151.23 4190320.07 0.15726
656132.16 4190359.97 0.15511 656113.10 4190399.87 0.15268
656073.46 4190447.86 0.14971 656032.32 4190464.06 0.14898
655991.17 4190480.26 0.14813 655950.03 4190496.45 0.14730
655908.88 4190512.65 0.14662 655867.74 4190528.85 0.14617
655826.59 4190545.04 0.14604 655785.45 4190561.24 0.14625
655744.30 4190577.43 0.14675 655703.16 4190593.63 0.14746
655662.01 4190609.83 0.14829 655620.87 4190626.02 0.14911
655579.72 4190642.22 0.14981 655538.58 4190658.42 0.15032
655497.43 4190674.61 0.15059 655456.29 4190690.81 0.15062
655415.14 4190707.00 0.15045 655374.00 4190723.20 0.15014
655332.85 4190739.40 0.14978 655291.71 4190755.59 0.14946
655250.56 4190771.79 0.14924 655209.42 4190787.99 0.14918
655168.27 4190804.18 0.14928 655127.13 4190820.38 0.14951
655085.98 4190836.57 0.14981 655044.84 4190852.77 0.15009
655003.69 4190868.97 0.15027 654962.55 4190885.16 0.15029
654921.40 4190901.36 0.15009 654880.26 4190917.56 0.14966

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654839.11	4190933.75	0.14903	654797.97	4190949.95	0.14823
654756.82	4190966.15	0.14734	654715.68	4190982.34	0.14642
654674.53	4190998.54	0.14554	654633.39	4191014.73	0.14474
654592.24	4191030.93	0.14404	654551.10	4191047.13	0.14346
654509.95	4191063.32	0.14299	654468.81	4191079.52	0.14262
654427.66	4191095.72	0.14233	654386.52	4191111.91	0.14213
654345.37	4191128.11	0.14197	654304.23	4191144.30	0.14183
654263.08	4191160.50	0.14168	654221.94	4191176.70	0.14148
654180.79	4191192.89	0.14121	654139.65	4191209.09	0.14083
654098.50	4191225.29	0.14035	654057.36	4191241.48	0.13974
654016.21	4191257.68	0.13903	653975.07	4191273.87	0.13823
653933.92	4191290.07	0.13737	653892.78	4191306.27	0.13649
653851.63	4191322.46	0.13562	657153.68	4188203.27	0.29618
657156.83	4188158.85	0.29748	657159.98	4188114.43	0.29860

657641.28 4188280.86 0.23688 657622.13
4188320.94 0.23733
657602.98 4188361.01 0.23756 657583.83
4188401.09 0.23746
657564.69 4188441.16 0.23712 657545.54
4188481.24 0.23647
657526.39 4188521.31 0.23552 657507.24
4188561.39 0.23430
657488.09 4188601.46 0.23283 657468.94
4188641.54 0.23116
657449.79 4188681.61 0.22931 657430.64
4188721.69 0.22732
657411.49 4188761.76 0.22520 657392.34
4188801.84 0.22299
657373.19 4188841.91 0.22068 657354.04
4188881.99 0.21830
657334.89 4188922.06 0.21585 657315.74
4188962.14 0.21335
657296.59 4189002.22 0.21082 657277.44
4189042.29 0.20831
657258.29 4189082.37 0.20586 657239.14
4189122.44 0.20349
657219.99 4189162.52 0.20124 657200.84
4189202.59 0.19911
657181.69 4189242.67 0.19710 657162.55
4189282.74 0.19518
657143.40 4189322.82 0.19334 657124.25
4189362.89 0.19151
657105.10 4189402.97 0.18967 657085.95
4189443.04 0.18775
657066.80 4189483.12 0.18572 657047.65
4189523.19 0.18355
657028.50 4189563.27 0.18121 657009.35
4189603.34 0.17871
656990.20 4189643.42 0.17607 656971.05
4189683.49 0.17330
656951.90 4189723.57 0.17045 656932.75
4189763.65 0.16757
656913.60 4189803.72 0.16470 656894.45
4189843.80 0.16186
656875.30 4189883.87 0.15910 656856.15
4189923.95 0.15642
656837.00 4189964.02 0.15384 656817.85
4190004.10 0.15136
656798.70 4190044.17 0.14901 656779.55
4190084.25 0.14678
656760.41 4190124.32 0.14469 656741.26
4190164.40 0.14274
656722.11 4190204.47 0.14093 656702.96
4190244.55 0.13926

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         656683.81    4190284.62        0.13773                      656664.66
4190324.70        0.13631
         656645.51    4190364.77        0.13501                      656626.36
4190404.85        0.13381
         656607.21    4190444.92        0.13270                      656588.06
4190485.00        0.13165
         656568.91    4190525.08        0.13063                      656549.76
4190565.15        0.12960
         656530.61    4190605.23        0.12849                      656511.46
4190645.30        0.12726
         656492.31    4190685.38        0.12586                      656473.16
4190725.45        0.12425
         656454.01    4190765.53        0.12244                      656414.20
4190813.74        0.12019
         656372.87    4190830.01        0.11957                      656331.54
4190846.27        0.11886
         656290.21    4190862.54        0.11816                      656248.88
4190878.81        0.11754
         656207.56    4190895.08        0.11708                      656166.23
4190911.35        0.11682
         656124.90    4190927.62        0.11680                      656083.57
4190943.89        0.11702
         656042.24    4190960.15        0.11744                      656000.91
4190976.42        0.11801
         655959.58    4190992.69        0.11866                      655918.25
4191008.96        0.11931
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         655876.93    4191025.23        0.11990                      655835.60
4191041.50        0.12037
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655794.27 4191057.77 0.12068 655752.94 4191074.03 0.12082
655711.61 4191090.30 0.12079 655670.28 4191106.57 0.12063
655628.95 4191122.84 0.12037 655587.62 4191139.11 0.12008
655546.30 4191155.38 0.11980 655504.97 4191171.65 0.11958
655463.64 4191187.91 0.11945 655422.31 4191204.18 0.11945
655380.98 4191220.45 0.11957 655339.65 4191236.72 0.11978
655298.32 4191252.99 0.12004 655257.00 4191269.26 0.12030
655215.67 4191285.53 0.12051 655174.34 4191301.80 0.12062
655133.01 4191318.06 0.12060 655091.68 4191334.33 0.12043
655050.35 4191350.60 0.12010 655009.02 4191366.87 0.11963
654967.69 4191383.14 0.11906 654926.37 4191399.41 0.11844
654885.04 4191415.68 0.11779 654843.71 4191431.94 0.11713
654802.38 4191448.21 0.11652 654761.05 4191464.48 0.11596
654719.72 4191480.75 0.11548 654678.39 4191497.02 0.11506
654637.06 4191513.29 0.11472 654595.74 4191529.56 0.11445
654554.41 4191545.82 0.11423 654513.08 4191562.09 0.11407
654471.75 4191578.36 0.11396 654430.42 4191594.63 0.11387
654389.09 4191610.90 0.11381 654347.76 4191627.17 0.11374
654306.43 4191643.44 0.11364 654265.11 4191659.71 0.11349
654223.78 4191675.97 0.11328 654182.45 4191692.24 0.11299
654141.12 4191708.51 0.11262 654099.79 4191724.78 0.11218
654058.46 4191741.05 0.11166 654017.13 4191757.32 0.11109
653975.80 4191773.59 0.11048 653934.48 4191789.85 0.10984
653893.15 4191806.12 0.10920 653851.82 4191822.39 0.10859
657652.43 4188238.61 0.23708 657655.58 4188194.19 0.23795

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         657658.73    4188149.77        0.23872                       653819.03
4187852.62       50.89290
         653794.25    4187851.96       54.77344                       653769.47
4187851.29       57.01146
         653744.69    4187850.63       55.59118                       653719.92
4187849.97       50.73795
         653695.14    4187849.31       47.08299                       653837.55
4187835.82       40.51407
         653794.92    4187826.97       41.45914                       653770.14
4187826.30       42.12763
         653745.36    4187825.64       40.55618                       653720.58
4187824.98       37.47260
         653695.81    4187824.32       35.38681                       653838.21
4187810.83       32.46202
         653880.33    4187845.79       36.32951                       653795.59
4187801.97       32.35544
         653770.81    4187801.31       32.21951                       653746.03
4187800.65       30.93371
         653721.25    4187799.99       28.97121                       653696.47
4187799.33       27.63045
         653838.88    4187785.84       26.48110                       653874.58
4187802.23       27.58848
         653898.85    4187828.99       30.01972                       653796.25
4187776.98       25.98648
         653771.47    4187776.32       25.58159                       653746.70
4187775.66       24.42971
         653721.92    4187775.00       23.12551                       653697.14
4187774.34       22.24305
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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653843.79 4187737.50 18.71146 653865.21
4187747.33 19.29733
653886.63 4187757.17 19.78278 653908.05
4187767.00 20.07701
653937.17 4187799.11 21.87258 653944.87
4187821.39 23.37203
653952.58 4187843.66 24.33473 653960.28
4187865.94 24.71527
653822.37 4187727.66 17.92740 653797.59
4187727.00 17.85974
653772.81 4187726.34 17.35899 653748.03
4187725.68 16.55888
653723.25 4187725.02 15.79751 653698.48
4187724.35 15.38712
653844.10 4187687.05 13.87190 653884.90
4187705.78 14.64579
653905.30 4187715.15 14.95173 653946.10
4187733.88 15.35417
653973.84 4187764.46 16.47774 653988.51
4187806.89 18.26339
654003.19 4187849.32 18.90274 653798.92
4187677.02 13.07426
653774.15 4187676.36 12.66672 653749.37
4187675.70 12.14094
653724.59 4187675.03 11.67214 653699.81
4187674.37 11.40544
653847.35 4187637.94 10.73006 653869.66
4187648.19 11.14147
653891.97 4187658.43 11.41808 653914.29
4187668.68 11.63745
653936.60 4187678.92 11.85791 653958.91
4187689.17 12.05499
653981.23 4187699.41 12.15959 654011.56
4187732.86 13.01603
654019.59 4187756.06 13.79934 654027.61
4187779.26 14.40875
654035.64 4187802.47 14.79713 654043.66
4187825.67 14.96738
654051.69 4187848.88 14.94983 654059.71
4187872.08 14.76612
653825.04 4187627.70 10.17472 653800.26
4187627.04 9.97169
653775.48 4187626.38 9.66545 653750.70
4187625.71 9.31240
653725.92 4187625.05 9.01101 653701.15
4187624.39 8.83999
653847.79 4187587.55 8.48216 653869.21
4187597.39 8.84231
653890.63 4187607.22 9.10612 653912.05
4187617.06 9.28300

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         653933.47    4187626.89        9.42300                      653954.89
4187636.72        9.56837
         653976.31    4187646.56        9.72057                      653997.73
4187656.39        9.84378
         654019.15    4187666.23        9.90134                      654048.28
4187698.34       10.49490
         654055.98    4187720.61       11.06193                      654063.68
4187742.89       11.53796
         654071.39    4187765.16       11.88950                      654079.09
4187787.44       12.10565
         654086.80    4187809.72       12.19555                      654094.50
4187831.99       12.17824
         654102.20    4187854.27       12.06439                      654109.91
4187876.54       11.85481
         653826.37    4187577.72        8.05192                      653801.59
4187577.06        7.87549
         653776.82    4187576.39        7.64537                      653752.04
4187575.73        7.39717
         653727.26    4187575.07        7.19093                      653702.48
4187574.41        7.07354
         653848.53    4187537.30        6.86740                      653869.36
4187546.86        7.16746
         653890.18    4187556.42        7.41519                      653911.01
4187565.98        7.59575
         653931.83    4187575.54        7.71699                      653952.66
4187585.10        7.80957
         653973.48    4187594.66        7.90654                      653994.31
4187604.23        8.01692
         654015.13    4187613.79        8.12515                      654035.96
4187623.35        8.20566
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
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         653780.82    4187426.45        4.37621                      653756.04
4187425.78        4.27096
         653731.27    4187425.12        4.18905                      653706.49
4187424.46        4.14294
         653854.87    4187337.82        3.55456                      653876.68
4187347.84        3.69472
         653898.50    4187357.86        3.83154                      653920.32
4187367.87        3.96194
         653942.13    4187377.89        4.07982                      653963.95
4187387.91        4.17646
         653985.77    4187397.92        4.24695                      654007.58
4187407.94        4.29189
         654029.40    4187417.96        4.32003                      654051.22
4187427.97        4.34346
         654073.03    4187437.99        4.37362                      654094.85
4187448.01        4.41491
         654116.67    4187458.02        4.46414                      654138.48
4187468.04        4.51354
         654160.30    4187478.06        4.55396                      654182.12
4187488.07        4.57864
         654203.93    4187498.09        4.58472                      654233.60
4187530.80        4.76149
         654241.44    4187553.48        4.94364                      654249.29
4187576.17        5.11436
         654257.14    4187598.86        5.26819                      654264.98
4187621.55        5.39962
         654272.83    4187644.23        5.50407                      654280.68
4187666.92        5.58017
         654288.52    4187689.61        5.62914                      654296.37
4187712.30        5.65366
         654304.21    4187734.99        5.65722                      654312.06
4187757.67        5.64190
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654319.91	4187780.36	5.60938	654327.75	4187803.05	5.56025
654335.60	4187825.74	5.49377	654343.45	4187848.43	5.40910
654351.29	4187871.11	5.30580	654359.14	4187893.80	5.18462
653833.05	4187327.81	3.41206	653808.27	4187327.14	3.34434
653783.49	4187326.48	3.27243	653758.72	4187325.82	3.20587
653733.94	4187325.16	3.15486	653709.16	4187324.50	3.12629
653857.82	4187237.99	2.75503	653879.92	4187248.14	2.85441
653902.02	4187258.28	2.95169	653924.12	4187268.43	3.04722
653946.22	4187278.58	3.13980	653968.32	4187288.72	3.22562
653990.42	4187298.87	3.29974	654012.52	4187309.02	3.35729
654034.62	4187319.16	3.39602	654056.72	4187329.31	3.41879
654078.82	4187339.46	3.43207	654100.92	4187349.60	3.44423
654123.02	4187359.75	3.46237	654145.12	4187369.90	3.48940
654167.22	4187380.04	3.52371	654189.32	4187390.19	3.56075
654211.42	4187400.34	3.59466	654233.52	4187410.48	3.62033
654255.62	4187420.63	3.63475	654277.72	4187430.78	3.63677
654307.77	4187463.91	3.75971	654315.72	4187486.89	3.88850
654323.67	4187509.87	4.01119	654331.62	4187532.86	4.12501
654339.56	4187555.84	4.22660	654347.51	4187578.82	4.31282
654355.46	4187601.80	4.38168	654363.41	4187624.79	4.43266
654371.36	4187647.77	4.46651	654379.30	4187670.75	4.48515
654387.25	4187693.73	4.49025	654395.20	4187716.72	4.48349
654403.15	4187739.70	4.46595	654411.10	4187762.68	4.43837

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         654419.04    4187785.66        4.40105                      654426.99
4187808.65        4.35330
         654434.94    4187831.63        4.29425                      654442.89
4187854.61        4.22316
         654450.84    4187877.59        4.14025                      654458.79
4187900.58        4.04715
         653835.72    4187227.84        2.65393                      653810.94
4187227.18        2.60481
         653786.16    4187226.52        2.55467                      653761.39
4187225.86        2.50958
         653736.61    4187225.19        2.47545                      653711.83
4187224.53        2.45608
         653860.70    4187138.12        2.20717                      653883.02
4187148.37        2.28086
         653905.33    4187158.61        2.35261                      653927.64
4187168.86        2.42303
         653949.95    4187179.10        2.49252                      653972.27
4187189.34        2.56044
         653994.58    4187199.59        2.62499                      654016.89
4187209.83        2.68257
         654039.20    4187220.08        2.72985                      654061.52
4187230.32        2.76404
         654083.83    4187240.57        2.78536                      654106.14
4187250.81        2.79637
         654128.45    4187261.05        2.80212                      654150.77
4187271.30        2.80836
         654173.08    4187281.54        2.81958                      654195.39
4187291.79        2.83789
         654217.71    4187302.03        2.86237                      654240.02
4187312.28        2.89031
         654262.33    4187322.52        2.91780                      654284.64
4187332.77        2.94133
         654306.96    4187343.01        2.95800                      654329.27
4187353.25        2.96647
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654351.58	4187363.50	2.96650	654381.92	4187396.95	3.05548
654389.94	4187420.15	3.14996	654397.97	4187443.35	3.24097
654405.99	4187466.56	3.32708	654414.02	4187489.76	3.40616
654422.04	4187512.96	3.47634	654430.07	4187536.17	3.53585
654438.09	4187559.37	3.58367	654446.11	4187582.57	3.61962
654454.14	4187605.78	3.64427	654462.16	4187628.98	3.65875
654470.19	4187652.19	3.66413	654478.21	4187675.39	3.66150
654486.24	4187698.59	3.65158	654494.26	4187721.80	3.63523
654502.29	4187745.00	3.61268	654510.31	4187768.20	3.58412
654518.34	4187791.41	3.54892	654526.36	4187814.61	3.50635
654534.39	4187837.81	3.45554	654542.41	4187861.02	3.39655
654550.43	4187884.22	3.33014	654558.46	4187907.43	3.25789
653838.39	4187127.88	2.13237	653813.61	4187127.22	2.09552
653788.83	4187126.55	2.05909	653764.06	4187125.89	2.02699
653739.28	4187125.23	2.00296	653714.50	4187124.57	1.98908
653863.54	4187038.23	1.81375	653886.02	4187048.55	1.87032
653908.50	4187058.87	1.92534	653930.97	4187069.19	1.97890
653953.45	4187079.51	2.03153	653975.93	4187089.83	2.08376
653998.41	4187100.16	2.13532	654020.88	4187110.48	2.18502
654043.36	4187120.80	2.23070	654065.84	4187131.12	2.26965
654088.32	4187141.44	2.29978	654110.80	4187151.76	2.32013
654133.27	4187162.08	2.33141	654155.75	4187172.40	2.33607

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         654178.23    4187182.72        2.33787                       654200.71
4187193.04        2.34078
         654223.19    4187203.36        2.34788                       654245.66
4187213.68        2.36058
         654268.14    4187224.00        2.37845                       654290.62
4187234.32        2.39969
         654313.10    4187244.64        2.42179                       654335.58
4187254.96        2.44215
         654358.05    4187265.28        2.45861                       654380.53
4187275.60        2.46965
         654403.01    4187285.92        2.47464                       654425.49
4187296.24        2.47364
         654456.05    4187329.94        2.54014                       654464.13
4187353.31        2.61155
         654472.22    4187376.69        2.68093                       654480.30
4187400.06        2.74738
         654488.38    4187423.44        2.80978                       654496.47
4187446.81        2.86674
         654504.55    4187470.19        2.91715                       654512.64
4187493.56        2.95986
         654520.72    4187516.94        2.99449                       654528.81
4187540.32        3.02087
         654536.89    4187563.69        3.03950                       654544.97
4187587.07        3.05105
         654553.06    4187610.44        3.05616                       654561.14
4187633.82        3.05562
         654569.23    4187657.19        3.04988                       654577.31
4187680.57        3.03966
         654585.39    4187703.94        3.02533                       654593.48
4187727.32        3.00712
         654601.56    4187750.69        2.98504                       654609.65
4187774.07        2.95851
         654617.73    4187797.45        2.92691                       654625.81
4187820.82        2.88952
         654633.90    4187844.20        2.84609                       654641.98
4187867.57        2.79715
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD      ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654650.07	4187890.95	2.74361	654658.15	4187914.32	2.68693
653841.06	4187027.91	1.75663	653816.28	4187027.25	1.72830
653791.51	4187026.59	1.70108	653766.73	4187025.93	1.67743
653741.95	4187025.27	1.65968	653717.17	4187024.60	1.64929
653870.18	4186788.31	1.20349	653892.62	4186798.61	1.23545
653915.06	4186808.91	1.26697	653937.50	4186819.21	1.29752
653959.94	4186829.52	1.32698	653982.38	4186839.82	1.35551
654004.82	4186850.12	1.38351	654027.26	4186860.43	1.41147
654049.70	4186870.73	1.43956	654072.14	4186881.03	1.46764
654094.58	4186891.33	1.49515	654117.02	4186901.64	1.52123
654139.46	4186911.94	1.54475	654161.90	4186922.24	1.56466
654184.34	4186932.55	1.58012	654206.78	4186942.85	1.59055
654229.22	4186953.15	1.59617	654251.66	4186963.45	1.59780
654274.10	4186973.76	1.59684	654296.54	4186984.06	1.59501
654318.98	4186994.36	1.59406	654341.42	4187004.67	1.59543
654363.86	4187014.97	1.59985	654386.30	4187025.27	1.60748
654408.74	4187035.58	1.61788	654431.18	4187045.88	1.63012
654453.62	4187056.18	1.64317	654476.06	4187066.48	1.65593
654498.50	4187076.79	1.66743	654520.94	4187087.09	1.67678
654543.38	4187097.39	1.68350	654565.82	4187107.70	1.68733
654588.26	4187118.00	1.68826	654610.70	4187128.30	1.68651

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         654641.21    4187161.94        1.72168                        654649.28
4187185.28        1.76041
         654657.35    4187208.61        1.79848                        654665.42
4187231.95        1.83571
         654673.49    4187255.29        1.87172                        654681.57
4187278.62        1.90607
         654689.64    4187301.96        1.93839                        654697.71
4187325.29        1.96813
         654705.78    4187348.63        1.99489                        654713.85
4187371.97        2.01829
         654721.92    4187395.30        2.03808                        654729.99
4187418.64        2.05423
         654738.06    4187441.97        2.06679                        654746.13
4187465.31        2.07600
         654754.20    4187488.65        2.08207                        654762.27
4187511.98        2.08523
         654770.34    4187535.32        2.08575                        654778.41
4187558.66        2.08385
         654786.48    4187581.99        2.07980                        654794.55
4187605.33        2.07389
         654802.62    4187628.66        2.06639                        654810.69
4187652.00        2.05735
         654818.76    4187675.34        2.04700                        654826.83
4187698.67        2.03535
         654834.90    4187722.01        2.02197                        654842.97
4187745.35        2.00640
         654851.04    4187768.68        1.98831                        654859.11
4187792.02        1.96734
         654867.19    4187815.35        1.94339                        654875.26
4187838.69        1.91671
         654883.33    4187862.03        1.88773                        654891.40
4187885.36        1.85706
         654899.47    4187908.70        1.82533                        654907.54
4187932.03        1.79305
         653847.74    4186778.00        1.17176                        653822.96
4186777.34        1.15571
         653798.18    4186776.68        1.14092                        653773.40
4186776.02        1.12830
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD      ***
                                   INCLUDING SOURCE(S):     STCK1       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653748.63	4186775.35	1.11877	653723.85	4186774.69	1.11293
653876.83	4186538.38	0.86547	653899.25	4186548.68	0.88539
653921.66	4186558.97	0.90543	653944.08	4186569.26	0.92516
653966.50	4186579.55	0.94428	653988.91	4186589.84	0.96263
654011.33	4186600.14	0.98024	654033.75	4186610.43	0.99726
654056.16	4186620.72	1.01396	654078.58	4186631.01	1.03064
654101.00	4186641.30	1.04749	654123.41	4186651.60	1.06459
654145.83	4186661.89	1.08181	654168.25	4186672.18	1.09886
654190.66	4186682.47	1.11534	654213.08	4186692.76	1.13073
654235.49	4186703.06	1.14448	654257.91	4186713.35	1.15605
654280.33	4186723.64	1.16501	654302.74	4186733.93	1.17115
654325.16	4186744.22	1.17447	654347.58	4186754.52	1.17527
654369.99	4186764.81	1.17413	654392.41	4186775.10	1.17184
654414.83	4186785.39	1.16931	654437.24	4186795.68	1.16742
654459.66	4186805.98	1.16689	654482.07	4186816.27	1.16814
654504.49	4186826.56	1.17137	654526.91	4186836.85	1.17647
654549.32	4186847.14	1.18314	654571.74	4186857.44	1.19093
654594.16	4186867.73	1.19930	654616.57	4186878.02	1.20772
654638.99	4186888.31	1.21573	654661.41	4186898.60	1.22287
654683.82	4186908.90	1.22882	654706.24	4186919.19	1.23328

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         654728.66    4186929.48       1.23613                     654751.07
4186939.77        1.23737
         654773.49    4186950.06       1.23712                     654795.90
4186960.36        1.23553
         654826.38    4186993.96       1.25637                     654834.44
4187017.27        1.27982
         654842.51    4187040.58       1.30301                     654850.57
4187063.89        1.32594
         654858.63    4187087.21       1.34845                     654866.69
4187110.52        1.37036
         654874.75    4187133.83       1.39151                     654882.82
4187157.14        1.41169
         654890.88    4187180.45       1.43074                     654898.94
4187203.76        1.44844
         654907.00    4187227.08       1.46466                     654915.06
4187250.39        1.47917
         654923.13    4187273.70       1.49172                     654931.19
4187297.01        1.50238
         654939.25    4187320.32       1.51116                     654947.31
4187343.63        1.51814
         654955.37    4187366.94       1.52340                     654963.43
4187390.26        1.52704
         654971.50    4187413.57       1.52911                     654979.56
4187436.88        1.52975
         654987.62    4187460.19       1.52903                     654995.68
4187483.50        1.52711
         655003.74    4187506.81       1.52414                     655011.81
4187530.13        1.52028
         655019.87    4187553.44       1.51563                     655027.93
4187576.75        1.51027
         655035.99    4187600.06       1.50445                     655044.05
4187623.37        1.49824
         655052.12    4187646.68       1.49144                     655060.18
4187669.99        1.48392
         655068.24    4187693.31       1.47546                     655076.30
4187716.62        1.46571
         655084.36    4187739.93       1.45443                     655092.43
4187763.24        1.44150
         655100.49    4187786.55       1.42691                     655108.55
4187809.86        1.41076
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
```

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655116.61	4187833.17	1.39324	655124.67	4187856.49	1.37467
655132.73	4187879.80	1.35539	655140.80	4187903.11	1.33568
655148.86	4187926.42	1.31582	655156.92	4187949.73	1.29595
653854.42	4186528.09	0.84607	653829.64	4186527.43	0.83623
653804.86	4186526.77	0.82732	653780.08	4186526.11	0.81980
653755.30	4186525.44	0.81398	653730.53	4186524.78	0.81020
653883.49	4186288.47	0.65746	653905.89	4186298.75	0.67063
653928.29	4186309.03	0.68408	653950.69	4186319.32	0.69759
653973.09	4186329.60	0.71091	653995.49	4186339.89	0.72387
654017.89	4186350.17	0.73630	654040.29	4186360.46	0.74818
654062.69	4186370.74	0.75954	654085.09	4186381.03	0.77053
654107.49	4186391.31	0.78129	654129.89	4186401.60	0.79205
654152.29	4186411.88	0.80292	654174.69	4186422.16	0.81400
654197.09	4186432.45	0.82531	654219.49	4186442.73	0.83675
654241.89	4186453.02	0.84817	654264.29	4186463.30	0.85933
654286.69	4186473.59	0.87000	654309.09	4186483.87	0.87984
654331.49	4186494.16	0.88858	654353.90	4186504.44	0.89590
654376.30	4186514.73	0.90161	654398.70	4186525.01	0.90556
654421.10	4186535.29	0.90773	654443.50	4186545.58	0.90826

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         654465.90    4186555.86        0.90738                    654488.30
4186566.15        0.90550
         654510.70    4186576.43        0.90307                    654533.10
4186586.72        0.90061
         654555.50    4186597.00        0.89860                    654577.90
4186607.29        0.89745
         654600.30    4186617.57        0.89744                    654622.70
4186627.86        0.89873
         654645.10    4186638.14        0.90129                    654667.50
4186648.42        0.90500
         654689.90    4186658.71        0.90969                    654712.30
4186668.99        0.91505
         654734.70    4186679.28        0.92084                    654757.10
4186689.56        0.92676
         654779.50    4186699.85        0.93257                    654801.90
4186710.13        0.93800
         654824.30    4186720.42        0.94287                    654846.70
4186730.70        0.94696
         654869.10    4186740.99        0.95016                    654891.50
4186751.27        0.95236
         654913.90    4186761.55        0.95356                    654936.30
4186771.84        0.95381
         654958.70    4186782.12        0.95319                    654981.10
4186792.41        0.95182
         655011.55    4186825.99        0.96519                    655019.61
4186849.28        0.98046
         655027.67    4186872.58        0.99565                    655035.72
4186895.87        1.01071
         655043.78    4186919.17        1.02560                    655051.83
4186942.46        1.04026
         655059.89    4186965.76        1.05461                    655067.95
4186989.05        1.06856
         655076.00    4187012.34        1.08204                    655084.06
4187035.64        1.09496
         655092.12    4187058.93        1.10720                    655100.17
4187082.23        1.11868
         655108.23    4187105.52        1.12926                    655116.28
4187128.82        1.13887
         655124.34    4187152.11        1.14742                    655132.40
4187175.41        1.15489
         655140.45    4187198.70        1.16128                    655148.51
4187222.00        1.16659
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655156.56	4187245.29	1.17085	655164.62	4187268.58	1.17413
655172.68	4187291.88	1.17644	655180.73	4187315.17	1.17782
655188.79	4187338.47	1.17833	655196.84	4187361.76	1.17805
655204.90	4187385.06	1.17699	655212.96	4187408.35	1.17525
655221.01	4187431.65	1.17298	655229.07	4187454.94	1.17026
655237.12	4187478.24	1.16720	655245.18	4187501.53	1.16387
655253.24	4187524.83	1.16036	655261.29	4187548.12	1.15674
655269.35	4187571.41	1.15295	655277.40	4187594.71	1.14888
655285.46	4187618.00	1.14438	655293.52	4187641.30	1.13931
655301.57	4187664.59	1.13353	655309.63	4187687.89	1.12688
655317.68	4187711.18	1.11927	655325.74	4187734.48	1.11060
655333.80	4187757.77	1.10087	655341.85	4187781.07	1.09017
655349.91	4187804.36	1.07860	655357.96	4187827.65	1.06636
655366.02	4187850.95	1.05360	655374.08	4187874.24	1.04053
655382.13	4187897.54	1.02733	655390.19	4187920.83	1.01408
655398.25	4187944.13	1.00088	655406.30	4187967.42	0.98778
653861.09	4186278.18	0.64476	653836.31	4186277.52	0.63828
653811.54	4186276.86	0.63248	653786.76	4186276.19	0.62754

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         653761.98    4186275.53        0.62368                    653737.20
4186274.87        0.62105
         653890.16    4186038.55        0.51948                    653912.55
4186048.83        0.52863
         653934.93    4186059.11        0.53807                    653957.32
4186069.39        0.54767
         653979.71    4186079.67        0.55730                    654002.10
4186089.94        0.56681
         654024.49    4186100.22        0.57609                    654046.88
4186110.50        0.58502
         654069.26    4186120.78        0.59355                    654091.65
4186131.06        0.60167
         654114.04    4186141.34        0.60944                    654136.43
4186151.62        0.61694
         654158.82    4186161.90        0.62430                    654181.20
4186172.18        0.63164
         654203.59    4186182.46        0.63906                    654225.98
4186192.74        0.64664
         654248.37    4186203.01        0.65441                    654270.76
4186213.29        0.66235
         654293.15    4186223.57        0.67041                    654315.53
4186233.85        0.67848
         654337.92    4186244.13        0.68644                    654360.31
4186254.41        0.69414
         654382.70    4186264.69        0.70142                    654405.09
4186274.97        0.70809
         654427.48    4186285.25        0.71398                    654449.86
4186295.53        0.71893
         654472.25    4186305.81        0.72280                    654494.64
4186316.08        0.72549
         654517.03    4186326.36        0.72699                    654539.42
4186336.64        0.72734
         654561.81    4186346.92        0.72676                    654584.19
4186357.20        0.72542
         654606.58    4186367.48        0.72355                    654628.97
4186377.76        0.72138
         654651.36    4186388.04        0.71922                    654673.75
4186398.32        0.71739
         654696.13    4186408.60        0.71613                    654718.52
4186418.88        0.71562
         654740.91    4186429.16        0.71595                    654763.30
4186439.43        0.71718
         654785.69    4186449.71        0.71924                    654808.08
4186459.99        0.72205
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654830.46	4186470.27	0.72547	654852.85	4186480.55	0.72936
654875.24	4186490.83	0.73357	654897.63	4186501.11	0.73791
654920.02	4186511.39	0.74225	654942.41	4186521.67	0.74642
654964.79	4186531.95	0.75031	654987.18	4186542.23	0.75379
655009.57	4186552.50	0.75675	655031.96	4186562.78	0.75911
655054.35	4186573.06	0.76084	655076.74	4186583.34	0.76191
655099.12	4186593.62	0.76234	655121.51	4186603.90	0.76218
655143.90	4186614.18	0.76150	655166.29	4186624.46	0.76037
655196.73	4186658.02	0.76949	655204.78	4186681.30	0.78006
655212.83	4186704.58	0.79059	655220.88	4186727.87	0.80106
655228.94	4186751.15	0.81144	655236.99	4186774.43	0.82171
655245.04	4186797.71	0.83182	655253.09	4186821.00	0.84177
655261.14	4186844.28	0.85149	655269.19	4186867.56	0.86096
655277.25	4186890.84	0.87012	655285.30	4186914.12	0.87893
655293.35	4186937.41	0.88733	655301.40	4186960.69	0.89525
655309.45	4186983.97	0.90262	655317.51	4187007.25	0.90938
655325.56	4187030.54	0.91550	655333.61	4187053.82	0.92091

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         655341.66    4187077.10        0.92568                    655349.71
4187100.38        0.92977
         655357.76    4187123.66        0.93323                    655365.82
4187146.95        0.93606
         655373.87    4187170.23        0.93829                    655381.92
4187193.51        0.93991
         655389.97    4187216.79        0.94096                    655398.02
4187240.08        0.94143
         655406.07    4187263.36        0.94134                    655414.13
4187286.64        0.94072
         655422.18    4187309.92        0.93964                    655430.23
4187333.20        0.93817
         655438.28    4187356.49        0.93639                    655446.33
4187379.77        0.93437
         655454.39    4187403.05        0.93216                    655462.44
4187426.33        0.92984
         655470.49    4187449.62        0.92746                    655478.54
4187472.90        0.92502
         655486.59    4187496.18        0.92253                    655494.64
4187519.46        0.91997
         655502.70    4187542.74        0.91728                    655510.75
4187566.03        0.91438
         655518.80    4187589.31        0.91115                    655526.85
4187612.59        0.90752
         655534.90    4187635.87        0.90336                    655542.95
4187659.16        0.89859
         655551.01    4187682.44        0.89316                    655559.06
4187705.72        0.88704
         655567.11    4187729.00        0.88021                    655575.16
4187752.28        0.87273
         655583.21    4187775.57        0.86467                    655591.27
4187798.85        0.85612
         655599.32    4187822.13        0.84721                    655607.37
4187845.41        0.83803
         655615.42    4187868.70        0.82872                    655623.47
4187891.98        0.81935
         655631.52    4187915.26        0.81001                    655639.58
4187938.54        0.80074
         655647.63    4187961.83        0.79157                    655655.68
4187985.11        0.78249
         653867.77    4186028.27        0.51070                    653842.99
4186027.61        0.50623
         653818.21    4186026.95        0.50223                    653793.44
4186026.28        0.49881
         653768.66    4186025.62        0.49607                    653743.88
4186024.96        0.49412
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653903.50	4185538.72	0.35192	653925.87	4185548.99	0.35688
653948.24	4185559.26	0.36204	653970.61	4185569.54	0.36736
653992.98	4185579.81	0.37279	654015.36	4185590.08	0.37830
654037.73	4185600.35	0.38381	654060.10	4185610.62	0.38928
654082.47	4185620.89	0.39464	654104.84	4185631.17	0.39984
654127.22	4185641.44	0.40484	654149.59	4185651.71	0.40960
654171.96	4185661.98	0.41411	654194.33	4185672.25	0.41840
654216.70	4185682.52	0.42249	654239.08	4185692.80	0.42646
654261.45	4185703.07	0.43035	654283.82	4185713.34	0.43422
654306.19	4185723.61	0.43813	654328.57	4185733.88	0.44213
654350.94	4185744.15	0.44623	654373.31	4185754.43	0.45046
654395.68	4185764.70	0.45481	654418.05	4185774.97	0.45925
654440.43	4185785.24	0.46377	654462.80	4185795.51	0.46832
654485.17	4185805.78	0.47284	654507.54	4185816.06	0.47730
654529.91	4185826.33	0.48163	654552.29	4185836.60	0.48576
654574.66	4185846.87	0.48961	654597.03	4185857.14	0.49312

654619.40 4185867.41 0.49621 654641.78
4185877.69 0.49882
654664.15 4185887.96 0.50089 654686.52
4185898.23 0.50238
654708.89 4185908.50 0.50329 654731.26
4185918.77 0.50361
654753.64 4185929.04 0.50339 654776.01
4185939.32 0.50268
654798.38 4185949.59 0.50157 654820.75
4185959.86 0.50015
654843.12 4185970.13 0.49855 654865.50
4185980.40 0.49688
654887.87 4185990.67 0.49528 654910.24
4186000.95 0.49386
654932.61 4186011.22 0.49272 654954.98
4186021.49 0.49194
654977.36 4186031.76 0.49160 654999.73
4186042.03 0.49172
655022.10 4186052.30 0.49231 655044.47
4186062.58 0.49335
655066.85 4186072.85 0.49479 655089.22
4186083.12 0.49658
655111.59 4186093.39 0.49867 655133.96
4186103.66 0.50097
655156.33 4186113.94 0.50343 655178.71
4186124.21 0.50597
655201.08 4186134.48 0.50855 655223.45
4186144.75 0.51111
655245.82 4186155.02 0.51359 655268.19
4186165.29 0.51595
655290.57 4186175.57 0.51815 655312.94
4186185.84 0.52013
655335.31 4186196.11 0.52186 655357.68
4186206.38 0.52330
655380.06 4186216.65 0.52442 655402.43
4186226.92 0.52523
655424.80 4186237.20 0.52571 655447.17
4186247.47 0.52588
655469.54 4186257.74 0.52576 655491.92
4186268.01 0.52540
655514.29 4186278.28 0.52482 655536.66
4186288.55 0.52406
655567.08 4186322.09 0.52888 655575.12
4186345.36 0.53460
655583.17 4186368.62 0.54031 655591.22
4186391.89 0.54601
655599.26 4186415.15 0.55170 655607.31
4186438.42 0.55734

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

655856.73 4187159.65 0.64655 655864.78 4187182.91 0.64548
655872.83 4187206.18 0.64430 655880.87 4187229.44 0.64304
655888.92 4187252.71 0.64173 655896.96 4187275.98 0.64039
655905.01 4187299.24 0.63905 655913.06 4187322.51 0.63772
655921.10 4187345.77 0.63642 655929.15 4187369.04 0.63513
655937.19 4187392.30 0.63386 655945.24 4187415.57 0.63257
655953.29 4187438.83 0.63125 655961.33 4187462.10 0.62986
655969.38 4187485.36 0.62835 655977.42 4187508.63 0.62669
655985.47 4187531.90 0.62481 655993.52 4187555.16 0.62269
656001.56 4187578.43 0.62027 656009.61 4187601.69 0.61751
656017.65 4187624.96 0.61442 656025.70 4187648.22 0.61097
656033.75 4187671.49 0.60717 656041.79 4187694.75 0.60304
656049.84 4187718.02 0.59860 656057.88 4187741.28 0.59391
656065.93 4187764.55 0.58899 656073.98 4187787.82 0.58391
656082.02 4187811.08 0.57871 656090.07 4187834.35 0.57344
656098.11 4187857.61 0.56814 656106.16 4187880.88 0.56286
656114.20 4187904.14 0.55762 656122.25 4187927.41 0.55244
656130.30 4187950.67 0.54733 656138.34 4187973.94 0.54230
656146.39 4187997.20 0.53734 656154.43 4188020.47 0.53244
653881.12 4185528.45 0.34717 653856.35 4185527.79 0.34474
653831.57 4185527.12 0.34253 653806.79 4185526.46 0.34061
653782.01 4185525.80 0.33901 653757.23 4185525.14 0.33777
653916.84 4185038.89 0.25745 653939.20 4185049.16 0.26043
653961.56 4185059.43 0.26352 653983.92 4185069.69 0.26672
654006.29 4185079.96 0.27001 654028.65 4185090.23 0.27339

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD   ***
                                      INCLUDING SOURCE(S):   STCK1   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654677.14 4185387.97 0.35517 654699.50
4185398.23 0.35790
654721.86 4185408.50 0.36053 654744.22
4185418.77 0.36302
654766.58 4185429.04 0.36533 654788.94
4185439.30 0.36743
654811.31 4185449.57 0.36928 654833.67
4185459.84 0.37085
654856.03 4185470.10 0.37211 654878.39
4185480.37 0.37304
654900.75 4185490.64 0.37365 654923.11
4185500.90 0.37392
654945.48 4185511.17 0.37387 654967.84
4185521.44 0.37352
654990.20 4185531.70 0.37291 655012.56
4185541.97 0.37207
655034.92 4185552.24 0.37105 655057.28
4185562.51 0.36990
655079.64 4185572.77 0.36869 655102.01
4185583.04 0.36747
655124.37 4185593.31 0.36630 655146.73
4185603.57 0.36523
655169.09 4185613.84 0.36432 655191.45
4185624.11 0.36361
655213.81 4185634.37 0.36313 655236.18
4185644.64 0.36291
655258.54 4185654.91 0.36297 655280.90
4185665.17 0.36328
655303.26 4185675.44 0.36386 655325.62
4185685.71 0.36468
655347.98 4185695.97 0.36571 655370.35
4185706.24 0.36693
655392.71 4185716.51 0.36830 655415.07
4185726.78 0.36979
655437.43 4185737.04 0.37137 655459.79
4185747.31 0.37300
655482.15 4185757.58 0.37467 655504.52
4185767.84 0.37634
655526.88 4185778.11 0.37800 655549.24
4185788.38 0.37962
655571.60 4185798.64 0.38118 655593.96
4185808.91 0.38267
655616.32 4185819.18 0.38405 655638.69
4185829.44 0.38531
655661.05 4185839.71 0.38642 655683.41
4185849.98 0.38738
655705.77 4185860.25 0.38815 655728.13
4185870.51 0.38874
655750.49 4185880.78 0.38914 655772.86
4185891.05 0.38936

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655839.94	4185921.85	0.38902	655862.30	4185932.11	0.38865
655884.66	4185942.38	0.38819	655907.03	4185952.65	0.38765
655937.43	4185986.17	0.39053	655945.47	4186009.42	0.39401
655953.51	4186032.68	0.39750	655961.56	4186055.93	0.40098
655969.60	4186079.19	0.40446	655977.64	4186102.44	0.40793
655985.68	4186125.70	0.41139	655993.73	4186148.95	0.41482
656001.77	4186172.21	0.41823	656009.81	4186195.46	0.42159
656017.85	4186218.71	0.42492	656025.89	4186241.97	0.42821
656033.94	4186265.22	0.43145	656041.98	4186288.48	0.43466
656050.02	4186311.73	0.43782	656058.06	4186334.99	0.44095
656066.11	4186358.24	0.44402	656074.15	4186381.50	0.44703
656082.19	4186404.75	0.44998	656090.23	4186428.01	0.45284
656098.27	4186451.26	0.45561	656106.32	4186474.51	0.45825

656114.36 4186497.77 0.46075 656122.40 4186521.02 0.46311
656130.44 4186544.28 0.46532 656138.49 4186567.53 0.46737
656146.53 4186590.79 0.46926 656154.57 4186614.04 0.47098
656162.61 4186637.30 0.47256 656170.65 4186660.55 0.47398
656178.70 4186683.81 0.47527 656186.74 4186707.06 0.47641
656194.78 4186730.32 0.47741 656202.82 4186753.57 0.47827
656210.87 4186776.82 0.47897 656218.91 4186800.08 0.47952
656226.95 4186823.33 0.47990 656234.99 4186846.59 0.48012
656243.03 4186869.84 0.48017 656251.08 4186893.10 0.48006
656259.12 4186916.35 0.47979 656267.16 4186939.61 0.47937
656275.20 4186962.86 0.47884 656283.25 4186986.12 0.47819
656291.29 4187009.37 0.47746 656299.33 4187032.62 0.47667
656307.37 4187055.88 0.47584 656315.41 4187079.13 0.47498
656323.46 4187102.39 0.47411 656331.50 4187125.64 0.47324
656339.54 4187148.90 0.47238 656347.58 4187172.15 0.47154
656355.63 4187195.41 0.47073 656363.67 4187218.66 0.46994
656371.71 4187241.92 0.46918 656379.75 4187265.17 0.46843
656387.79 4187288.43 0.46770 656395.84 4187311.68 0.46697
656403.88 4187334.93 0.46623 656411.92 4187358.19 0.46547
656419.96 4187381.44 0.46466 656428.01 4187404.70 0.46377
656436.05 4187427.95 0.46279 656444.09 4187451.21 0.46169
656452.13 4187474.46 0.46045 656460.17 4187497.72 0.45904
656468.22 4187520.97 0.45745 656476.26 4187544.23 0.45568
656484.30 4187567.48 0.45371 656492.34 4187590.74 0.45154
656500.39 4187613.99 0.44917 656508.43 4187637.24 0.44662

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656548.64	4187753.52	0.43167	656556.68	4187776.77	0.42839
656564.72	4187800.03	0.42507	656572.77	4187823.28	0.42172
656580.81	4187846.54	0.41838	656588.85	4187869.79	0.41505
656596.89	4187893.04	0.41176	656604.93	4187916.30	0.40850
656612.98	4187939.55	0.40530	656621.02	4187962.81	0.40216
656629.06	4187986.06	0.39907	656637.10	4188009.32	0.39603
656645.15	4188032.57	0.39303	656653.19	4188055.83	0.39006
653894.48	4185028.63	0.25459	653869.70	4185027.96	0.25311
653844.92	4185027.30	0.25176	653820.14	4185026.64	0.25056
653795.36	4185025.98	0.24953	653770.59	4185025.32	0.24870
653930.19	4184539.07	0.19815	653952.54	4184549.33	0.20010
653974.89	4184559.60	0.20212	653997.25	4184569.86	0.20420

654019.60 4184580.12 0.20635 654041.96
4184590.39 0.20855
654064.31 4184600.65 0.21081 654086.67
4184610.91 0.21311
654109.02 4184621.18 0.21545 654131.37
4184631.44 0.21781
654153.73 4184641.70 0.22017 654176.08
4184651.97 0.22253
654198.44 4184662.23 0.22486 654220.79
4184672.49 0.22715
654243.15 4184682.76 0.22938 654265.50
4184693.02 0.23153
654287.85 4184703.28 0.23359 654310.21
4184713.55 0.23557
654332.56 4184723.81 0.23744 654354.92
4184734.08 0.23921
654377.27 4184744.34 0.24090 654399.63
4184754.60 0.24250
654421.98 4184764.87 0.24405 654444.33
4184775.13 0.24555
654466.69 4184785.39 0.24703 654489.04
4184795.66 0.24851
654511.40 4184805.92 0.25000 654533.75
4184816.18 0.25151
654556.11 4184826.45 0.25307 654578.46
4184836.71 0.25468
654600.82 4184846.97 0.25634 654623.17
4184857.24 0.25805
654645.52 4184867.50 0.25981 654667.88
4184877.76 0.26162
654690.23 4184888.03 0.26347 654712.59
4184898.29 0.26536
654734.94 4184908.56 0.26727 654757.30
4184918.82 0.26919
654779.65 4184929.08 0.27113 654802.00
4184939.35 0.27307
654824.36 4184949.61 0.27499 654846.71
4184959.87 0.27689
654869.07 4184970.14 0.27875 654891.42
4184980.40 0.28055
654913.78 4184990.66 0.28227 654936.13
4185000.93 0.28389
654958.48 4185011.19 0.28539 654980.84
4185021.45 0.28675
655003.19 4185031.72 0.28795 655025.55
4185041.98 0.28898
655047.90 4185052.24 0.28981 655070.26
4185062.51 0.29045
655092.61 4185072.77 0.29089 655114.96
4185083.04 0.29112

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655271.44	4185154.88	0.28796	655293.80	4185165.14	0.28707
655316.15	4185175.41	0.28615	655338.51	4185185.67	0.28524
655360.86	4185195.93	0.28436	655383.22	4185206.20	0.28356
655405.57	4185216.46	0.28284	655427.93	4185226.72	0.28224
655450.28	4185236.99	0.28178	655472.63	4185247.25	0.28148
655494.99	4185257.52	0.28134	655517.34	4185267.78	0.28136
655539.70	4185278.04	0.28156	655562.05	4185288.31	0.28192
655584.41	4185298.57	0.28243	655606.76	4185308.83	0.28308
655629.11	4185319.10	0.28385	655651.47	4185329.36	0.28473
655673.82	4185339.62	0.28569	655696.18	4185349.89	0.28673
655718.53	4185360.15	0.28782	655740.89	4185370.41	0.28894

655763.24 4185380.68 0.29009 655785.59
4185390.94 0.29125
655807.95 4185401.20 0.29240 655830.30
4185411.47 0.29354
655852.66 4185421.73 0.29465 655875.01
4185432.00 0.29574
655897.37 4185442.26 0.29679 655919.72
4185452.52 0.29778
655942.07 4185462.79 0.29872 655964.43
4185473.05 0.29958
655986.78 4185483.31 0.30035 656009.14
4185493.58 0.30102
656031.49 4185503.84 0.30159 656053.85
4185514.10 0.30204
656076.20 4185524.37 0.30238 656098.55
4185534.63 0.30259
656120.91 4185544.89 0.30270 656143.26
4185555.16 0.30270
656165.62 4185565.42 0.30261 656187.97
4185575.68 0.30244
656210.33 4185585.95 0.30220 656232.68
4185596.21 0.30190
656255.04 4185606.48 0.30155 656277.39
4185616.74 0.30116
656307.78 4185650.25 0.30302 656315.82
4185673.50 0.30530
656323.86 4185696.74 0.30759 656331.90
4185719.99 0.30989
656339.94 4185743.24 0.31219 656347.98
4185766.48 0.31448
656356.02 4185789.73 0.31677 656364.06
4185812.98 0.31905
656372.10 4185836.23 0.32130 656380.14
4185859.47 0.32354
656388.18 4185882.72 0.32576 656396.22
4185905.97 0.32795
656404.26 4185929.21 0.33012 656412.30
4185952.46 0.33227
656420.34 4185975.71 0.33439 656428.38
4185998.95 0.33650
656436.42 4186022.20 0.33859 656444.46
4186045.45 0.34067
656452.50 4186068.69 0.34273 656460.54
4186091.94 0.34478
656468.58 4186115.19 0.34679 656476.61
4186138.44 0.34878
656484.65 4186161.68 0.35072 656492.69
4186184.93 0.35261
656500.73 4186208.18 0.35444 656508.77
4186231.42 0.35620

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656581.13	4186440.65	0.36802	656589.17	4186463.89	0.36890
656597.21	4186487.14	0.36971	656605.25	4186510.39	0.37043
656613.29	4186533.63	0.37108	656621.33	4186556.88	0.37164
656629.37	4186580.13	0.37211	656637.41	4186603.37	0.37247
656645.45	4186626.62	0.37273	656653.49	4186649.87	0.37287
656661.53	4186673.12	0.37291	656669.56	4186696.36	0.37284
656677.60	4186719.61	0.37267	656685.64	4186742.86	0.37241
656693.68	4186766.10	0.37206	656701.72	4186789.35	0.37164
656709.76	4186812.60	0.37115	656717.80	4186835.84	0.37061
656725.84	4186859.09	0.37004	656733.88	4186882.34	0.36943

656741.92 4186905.59 0.36882 656749.96
4186928.83 0.36819
656758.00 4186952.08 0.36757 656766.04
4186975.33 0.36695
656774.08 4186998.57 0.36635 656782.12
4187021.82 0.36576
656790.16 4187045.07 0.36519 656798.20
4187068.31 0.36464
656806.24 4187091.56 0.36411 656814.28
4187114.81 0.36361
656822.32 4187138.05 0.36312 656830.36
4187161.30 0.36265
656838.40 4187184.55 0.36220 656846.44
4187207.80 0.36175
656854.47 4187231.04 0.36131 656862.51
4187254.29 0.36085
656870.55 4187277.54 0.36038 656878.59
4187300.78 0.35987
656886.63 4187324.03 0.35932 656894.67
4187347.28 0.35871
656902.71 4187370.52 0.35802 656910.75
4187393.77 0.35725
656918.79 4187417.02 0.35638 656926.83
4187440.27 0.35541
656934.87 4187463.51 0.35432 656942.91
4187486.76 0.35310
656950.95 4187510.01 0.35177 656958.99
4187533.25 0.35031
656967.03 4187556.50 0.34872 656975.07
4187579.75 0.34702
656983.11 4187602.99 0.34521 656991.15
4187626.24 0.34330
656999.19 4187649.49 0.34130 657007.23
4187672.73 0.33923
657015.27 4187695.98 0.33708 657023.31
4187719.23 0.33488
657031.35 4187742.48 0.33264 657039.39
4187765.72 0.33037
657047.42 4187788.97 0.32809 657055.46
4187812.22 0.32581
657063.50 4187835.46 0.32353 657071.54
4187858.71 0.32127
657079.58 4187881.96 0.31904 657087.62
4187905.20 0.31683
657095.66 4187928.45 0.31467 657103.70
4187951.70 0.31254
657111.74 4187974.95 0.31045 657119.78
4187998.19 0.30840
657127.82 4188021.44 0.30639 657135.86
4188044.69 0.30441

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         657143.90    4188067.93        0.30246                      657151.94
4188091.18        0.30053
         653907.83    4184528.80        0.19628                      653883.05
4184528.14        0.19529
         653858.27    4184527.48        0.19438                      653833.50
4184526.82        0.19356
         653808.72    4184526.16        0.19284                      653783.94
4184525.49        0.19223
         653943.53    4184039.24        0.15812                      653965.88
4184049.51        0.15948
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653988.23    4184059.77        0.16089                      654010.58
4184070.03        0.16233
         654032.93    4184080.29        0.16382                      654055.28
4184090.55        0.16534
         654077.63    4184100.81        0.16691                      654099.98
4184111.07        0.16850
         654122.32    4184121.33        0.17013                      654144.67
4184131.59        0.17178
         654167.02    4184141.85        0.17345                      654189.37
4184152.12        0.17513
         654211.72    4184162.38        0.17681                      654234.07
4184172.64        0.17850
         654256.42    4184182.90        0.18018                      654278.77
4184193.16        0.18183
         654301.12    4184203.42        0.18345                      654323.46
4184213.68        0.18503
         654345.81    4184223.94        0.18655                      654368.16
4184234.20        0.18800
```

654390.51 4184244.47 0.18939 654412.86 4184254.73 0.19071
654435.21 4184264.99 0.19196 654457.56 4184275.25 0.19316
654479.91 4184285.51 0.19429 654502.26 4184295.77 0.19538
654524.61 4184306.03 0.19643 654546.95 4184316.29 0.19745
654569.30 4184326.55 0.19846 654591.65 4184336.81 0.19947
654614.00 4184347.08 0.20049 654636.35 4184357.34 0.20152
654658.70 4184367.60 0.20259 654681.05 4184377.86 0.20368
654703.40 4184388.12 0.20481 654725.75 4184398.38 0.20598
654748.09 4184408.64 0.20718 654770.44 4184418.90 0.20842
654792.79 4184429.16 0.20969 654815.14 4184439.42 0.21098
654837.49 4184449.69 0.21231 654859.84 4184459.95 0.21365
654882.19 4184470.21 0.21501 654904.54 4184480.47 0.21638
654926.89 4184490.73 0.21776 654949.23 4184500.99 0.21914
654971.58 4184511.25 0.22052 654993.93 4184521.51 0.22189
655016.28 4184531.77 0.22325 655038.63 4184542.04 0.22458
655060.98 4184552.30 0.22588 655083.33 4184562.56 0.22714
655105.68 4184572.82 0.22833 655128.03 4184583.08 0.22945
655150.37 4184593.34 0.23049 655172.72 4184603.60 0.23143
655195.07 4184613.86 0.23226 655217.42 4184624.12 0.23298
655239.77 4184634.38 0.23357 655262.12 4184644.65 0.23402
655284.47 4184654.91 0.23435 655306.82 4184665.17 0.23454
655329.17 4184675.43 0.23460 655351.51 4184685.69 0.23453
655373.86 4184695.95 0.23435 655396.21 4184706.21 0.23405
655418.56 4184716.47 0.23366 655440.91 4184726.73 0.23318
655463.26 4184736.99 0.23262 655485.61 4184747.26 0.23201

```
         655507.96    4184757.52        0.23136                       655530.31
4184767.78        0.23068
         655552.65    4184778.04        0.22999                       655575.00
4184788.30        0.22931
         655597.35    4184798.56        0.22866                       655619.70
4184808.82        0.22804
         655642.05    4184819.08        0.22749                       655664.40
4184829.34        0.22700
         655686.75    4184839.61        0.22660                       655709.10
4184849.87        0.22630
         655731.45    4184860.13        0.22610                       655753.79
4184870.39        0.22601
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         655776.14    4184880.65        0.22603                       655798.49
4184890.91        0.22616
         655820.84    4184901.17        0.22639                       655843.19
4184911.43        0.22673
         655865.54    4184921.69        0.22717                       655887.89
4184931.95        0.22769
         655910.24    4184942.22        0.22829                       655932.59
4184952.48        0.22896
         655954.93    4184962.74        0.22968                       655977.28
4184973.00        0.23045
         655999.63    4184983.26        0.23125                       656021.98
4184993.52        0.23208
         656044.33    4185003.78        0.23293                       656066.68
4185014.04        0.23378
         656089.03    4185024.30        0.23462                       656111.38
4185034.57        0.23546
```

656133.73 4185044.83 0.23627 656156.07 4185055.09 0.23705
656178.42 4185065.35 0.23783 656200.77 4185075.61 0.23859
656223.12 4185085.87 0.23933 656245.47 4185096.13 0.24003
656267.82 4185106.39 0.24070 656290.17 4185116.65 0.24132
656312.52 4185126.91 0.24189 656334.87 4185137.18 0.24239
656357.22 4185147.44 0.24283 656379.56 4185157.70 0.24319
656401.91 4185167.96 0.24347 656424.26 4185178.22 0.24367
656446.61 4185188.48 0.24380 656468.96 4185198.74 0.24386
656491.31 4185209.00 0.24384 656513.66 4185219.26 0.24377
656536.01 4185229.52 0.24364 656558.36 4185239.79 0.24346
656580.70 4185250.05 0.24325 656603.05 4185260.31 0.24301
656625.40 4185270.57 0.24274 656647.75 4185280.83 0.24245
656678.14 4185314.33 0.24373 656686.17 4185337.57 0.24532
656694.21 4185360.81 0.24692 656702.25 4185384.06 0.24853
656710.29 4185407.30 0.25014 656718.33 4185430.54 0.25174
656726.36 4185453.78 0.25335 656734.40 4185477.02 0.25495
656742.44 4185500.26 0.25654 656750.48 4185523.50 0.25809
656758.51 4185546.75 0.25966 656766.55 4185569.99 0.26121
656774.59 4185593.23 0.26275 656782.63 4185616.47 0.26427
656790.66 4185639.71 0.26578 656798.70 4185662.95 0.26727
656806.74 4185686.19 0.26875 656814.78 4185709.43 0.27022
656822.81 4185732.68 0.27168 656830.85 4185755.92 0.27313
656838.89 4185779.16 0.27457 656846.93 4185802.40 0.27600
656854.97 4185825.64 0.27743 656863.00 4185848.88 0.27884
656871.04 4185872.12 0.28024 656879.08 4185895.37 0.28163

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656999.64	4186243.98	0.29666	657007.68	4186267.23	0.29725
657015.72	4186290.47	0.29780	657023.76	4186313.71	0.29830
657031.79	4186336.95	0.29875	657039.83	4186360.19	0.29914
657047.87	4186383.43	0.29947	657055.91	4186406.67	0.29973
657063.94	4186429.92	0.29993	657071.98	4186453.16	0.30005
657080.02	4186476.40	0.30009	657088.06	4186499.64	0.30005
657096.09	4186522.88	0.29994	657104.13	4186546.12	0.29976

657112.17 4186569.36 0.29952 657120.21
4186592.60 0.29921
657128.24 4186615.85 0.29886 657136.28
4186639.09 0.29846
657144.32 4186662.33 0.29804 657152.36
4186685.57 0.29760
657160.40 4186708.81 0.29714 657168.43
4186732.05 0.29668
657176.47 4186755.29 0.29621 657184.51
4186778.54 0.29574
657192.55 4186801.78 0.29527 657200.58
4186825.02 0.29482
657208.62 4186848.26 0.29437 657216.66
4186871.50 0.29394
657224.70 4186894.74 0.29351 657232.73
4186917.98 0.29311
657240.77 4186941.22 0.29272 657248.81
4186964.47 0.29234
657256.85 4186987.71 0.29198 657264.88
4187010.95 0.29164
657272.92 4187034.19 0.29131 657280.96
4187057.43 0.29100
657289.00 4187080.67 0.29070 657297.03
4187103.91 0.29040
657305.07 4187127.16 0.29012 657313.11
4187150.40 0.28983
657321.15 4187173.64 0.28953 657329.19
4187196.88 0.28921
657337.22 4187220.12 0.28888 657345.26
4187243.36 0.28851
657353.30 4187266.60 0.28810 657361.34
4187289.84 0.28765
657369.37 4187313.09 0.28714 657377.41
4187336.33 0.28657
657385.45 4187359.57 0.28592 657393.49
4187382.81 0.28520
657401.52 4187406.05 0.28441 657409.56
4187429.29 0.28353
657417.60 4187452.53 0.28257 657425.64
4187475.77 0.28152
657433.67 4187499.02 0.28040 657441.71
4187522.26 0.27920
657449.75 4187545.50 0.27792 657457.79
4187568.74 0.27658
657465.83 4187591.98 0.27517 657473.86
4187615.22 0.27371
657481.90 4187638.46 0.27220 657489.94
4187661.71 0.27064
657497.98 4187684.95 0.26907 657506.01
4187708.19 0.26745

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         657514.05    4187731.43        0.26581                       657522.09
4187754.67        0.26417
         657530.13    4187777.91        0.26252                       657538.16
4187801.15        0.26087
         657546.20    4187824.39        0.25923                       657554.24
4187847.64        0.25760
         657562.28    4187870.88        0.25599                       657570.31
4187894.12        0.25440
         657578.35    4187917.36        0.25283                       657586.39
4187940.60        0.25129
         657594.43    4187963.84        0.24979                       657602.46
4187987.08        0.24832
         657610.50    4188010.33        0.24689                       657618.54
4188033.57        0.24549
         657626.58    4188056.81        0.24411                       657634.62
4188080.05        0.24275
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4188126.53        0.24006
         653921.18    4184028.98        0.15680                       653896.41
4184028.32        0.15610
         653871.63    4184027.66        0.15544                       653846.85
4184027.00        0.15484
         653822.07    4184026.34        0.15430                       653797.29
4184025.67        0.15384
         653669.49    4187873.21       58.62466                       653667.67
4187914.98      102.59248
         653665.85    4187956.74      191.38412                       653652.45
4187854.92       42.57179
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         653643.61    4187893.01       57.77026                    653641.79
4187934.77       93.15648
         653639.97    4187976.53      156.77770                    653627.47
4187853.84       34.70685
         653661.05    4187812.73       29.62797                    653618.63
4187891.92       44.31328
         653616.81    4187933.68       67.73373                    653614.99
4187975.44       99.52175
         653602.50    4187852.75       28.26907                    653618.36
4187818.35       25.00856
         653644.00    4187794.45       24.01267                    653593.65
4187890.83       35.76436
         653591.83    4187932.59       50.99342                    653590.01
4187974.36       68.67214
         653552.54    4187850.57       20.38665                    653568.40
4187816.17       18.07399
         653584.26    4187781.77       16.47050                    653609.91
4187757.87       16.42433
         653645.34    4187744.46       16.90730                    653543.70
4187888.65       24.83242
         653541.88    4187930.42       31.79002                    653540.06
4187972.18       38.82885
         653502.59    4187848.39       15.66663                    653518.45
4187813.99       13.99709
         653534.31    4187779.60       12.67609                    653550.17
4187745.20       11.74531
         653575.82    4187721.30       11.86068                    653611.24
4187707.89       12.60298
         653646.67    4187694.48       12.52893                    653493.75
4187886.47       18.07818
         653491.93    4187928.24       21.76333                    653490.11
4187970.00       25.26948
         653452.64    4187846.22       12.30538                    653468.50
4187811.82       11.34494
         653484.36    4187777.42       10.28192                    653500.22
4187743.02        9.45346
         653516.08    4187708.62        8.85398                    653541.72
4187684.72        8.97096
         653577.15    4187671.31        9.62688                    653612.58
4187657.91        9.91401
         653648.01    4187644.50        9.65510                    653443.80
4187884.30       13.75268
         653441.98    4187926.06       15.91980                    653440.16
4187967.83       17.93172
         653403.41    4187842.48        9.86662                    653420.71
4187804.95        9.23980
         653438.01    4187767.42        8.46260                    653455.31
4187729.90        7.72293
         653472.62    4187692.37        7.18152                    653509.24
4187647.54        7.06619
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         653665.67   4187538.86   6.12919   653343.89
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4187963.47   10.56384
         653253.29   4187836.50   5.80038   653270.09
4187800.08   5.58984
         653286.88   4187763.65   5.37031   653303.68
4187727.23   5.12624
         653320.47   4187690.81   4.82313   653337.26
4187654.39   4.50586

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4187581.54        4.03233
         653406.40    4187538.02        3.98035                    653443.91
4187523.83        4.23249
         653481.42    4187509.63        4.48291                    653518.93
4187495.44        4.68495
         653556.44    4187481.24        4.77722                    653593.96
4187467.05        4.72497
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4187438.66        4.33355
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4187917.35        6.62642
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4187831.44        4.36993
         653171.16    4187793.60        4.24889                    653188.61
4187755.76        4.10709
         653206.06    4187717.92        3.96697                    653223.50
4187680.08        3.81089
         653240.95    4187642.24        3.61790                    653258.40
4187604.41        3.40798
         653275.84    4187566.57        3.22033                    653293.29
4187528.73        3.06881
         653310.74    4187490.89        2.94533                    653338.95
4187464.60        2.96493
         653377.92    4187449.85        3.12787                    653416.89
4187435.10        3.30223
         653455.86    4187420.36        3.46721                    653494.83
4187405.61        3.59229
         653533.80    4187390.86        3.64204                    653572.76
4187376.11        3.60113
         653611.73    4187361.36        3.48731                    653650.70
4187346.62        3.33331
         653144.08    4187871.24        4.56159                    653142.26
4187913.00        4.85822
         653140.44    4187954.76        5.12506                    653053.68
4187827.37        3.42452
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4187752.84        3.27098
         653105.23    4187715.57        3.17830                    653122.41
4187678.31        3.09072
         653139.59    4187641.04        2.99373                    653156.77
4187603.78        2.87295
         653173.96    4187566.51        2.73409                    653191.14
4187529.25        2.59512
         653208.32    4187491.98        2.47569                    653225.50
4187454.72        2.37907
         653242.69    4187417.45        2.29711                    653270.47
4187391.56        2.30724
         653308.85    4187377.03        2.41164                    653347.23
4187362.51        2.52742
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4187333.46        2.75857
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4187304.41        2.88311
         653539.12    4187289.89        2.86791                      653577.50
4187275.37        2.80517
         653615.88    4187260.84        2.70833                      653654.26
4187246.32        2.59614
         653044.18    4187866.88        3.54509                      653042.36
4187908.65        3.73857
         653040.54    4187950.41        3.91112                      652953.68
4187823.22        2.76465
         652970.67    4187786.36        2.72720                      652987.67
4187749.51        2.67559
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4187675.80        2.54750
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4187602.09        2.42372
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4187528.38        2.25122
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653106.62    4187491.52        2.15043                      653123.62
4187454.66        2.05675
         653140.61    4187417.81        1.97762                      653157.60
4187380.95        1.90998
         653174.60    4187344.10        1.85030                      653202.07
4187318.49        1.85500
         653240.03    4187304.12        1.92596                      653277.99
4187289.76        2.00584
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653315.95 4187275.39 2.09125 653353.90
4187261.03 2.17748
653391.86 4187246.67 2.25643 653429.82
4187232.30 2.31733
653467.78 4187217.94 2.34916 653505.73
4187203.57 2.34550
653543.69 4187189.21 2.30975 653581.65
4187174.84 2.24890
653619.61 4187160.48 2.17092 653657.56
4187146.11 2.08776
652944.27 4187862.53 2.84740 652942.45
4187904.29 2.98095
652940.63 4187946.06 3.09948 652853.97
4187818.43 2.28678
652871.37 4187780.70 2.26120 652888.77
4187742.98 2.22847
652906.16 4187705.25 2.18435 652923.56
4187667.52 2.13466
652940.95 4187629.79 2.08852 652958.35
4187592.07 2.04538
652975.74 4187554.34 1.99718 652993.14
4187516.61 1.93853
653010.54 4187478.88 1.86867 653027.93
4187441.16 1.79270
653045.33 4187403.43 1.71849 653062.72
4187365.70 1.65333
653080.12 4187327.97 1.59810 653097.51
4187290.25 1.54999
653134.34 4187245.17 1.53110 653173.19
4187230.46 1.58248
653212.05 4187215.76 1.64061 653250.91
4187201.05 1.70408
653289.76 4187186.35 1.76995 653328.62
4187171.65 1.83510
653367.47 4187156.94 1.89268 653406.33
4187142.24 1.93506
653445.18 4187127.53 1.95619 653484.04
4187112.83 1.95548
653522.89 4187098.12 1.92852 653561.75
4187083.42 1.88215
653600.60 4187068.72 1.82235 653639.46
4187054.01 1.75631
653678.32 4187039.31 1.69505 652844.37
4187858.18 2.34744
652842.55 4187899.94 2.44364 652840.73
4187941.70 2.52909
652604.24 4187807.49 1.53865 652621.68
4187769.65 1.52589
652639.13 4187731.81 1.51301 652656.58
4187693.98 1.49766

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653197.76	4186973.78	1.22113	653236.73	4186959.04	1.25796
653275.70	4186944.29	1.29093	653314.67	4186929.54	1.31697
653353.64	4186914.79	1.33352	653392.61	4186900.05	1.33869

653431.57 4186885.30 1.33240 653470.54
4186870.55 1.31645
653509.51 4186855.80 1.29278 653548.48
4186841.06 1.26246
653587.45 4186826.31 1.22652 653626.42
4186811.56 1.18792
653665.39 4186796.81 1.15193 652594.60
4187847.29 1.56988
652592.78 4187889.06 1.61827 652590.96
4187930.82 1.66151
652354.49 4187796.57 1.11790 652371.97
4187758.66 1.11027
652389.45 4187720.75 1.10259 652406.93
4187682.85 1.09522
652424.41 4187644.94 1.08697 652441.89
4187607.03 1.07597
652459.37 4187569.12 1.06145 652476.85
4187531.21 1.04480
652494.32 4187493.30 1.02857 652511.80
4187455.39 1.01455
652529.28 4187417.49 1.00255 652546.76
4187379.58 0.99086
652564.24 4187341.67 0.97749 652581.72
4187303.76 0.96127
652599.20 4187265.85 0.94206 652616.68
4187227.94 0.92028
652634.16 4187190.03 0.89642 652651.64
4187152.13 0.87137
652669.12 4187114.22 0.84657 652686.60
4187076.31 0.82357
652704.08 4187038.40 0.80313 652721.56
4187000.49 0.78505
652739.03 4186962.58 0.76868 652756.51
4186924.67 0.75352
652793.51 4186879.38 0.74638 652832.56
4186864.60 0.76130
652871.60 4186849.83 0.77766 652910.64
4186835.05 0.79520
652949.68 4186820.28 0.81375 652988.73
4186805.50 0.83358
653027.77 4186790.73 0.85507 653066.81
4186775.95 0.87818
653105.85 4186761.18 0.90196 653144.89
4186746.40 0.92500
653183.94 4186731.63 0.94573 653222.98
4186716.86 0.96279
653262.02 4186702.08 0.97502 653301.06
4186687.31 0.98152
653340.10 4186672.53 0.98185 653379.15
4186657.76 0.97632

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4186598.66        0.91450
         653574.36    4186583.88        0.89094                       653613.40
4186569.11        0.86613
         653652.44    4186554.33        0.84280                       653691.48
4186539.56        0.82368
         652344.84    4187836.41        1.13580                       652343.02
4187878.17        1.16343
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4187785.66        0.85534
         652122.24    4187747.71        0.85067                       652139.74
4187709.75        0.84548
         652157.24    4187671.79        0.84046                       652174.74
4187633.83        0.83583
         652192.25    4187595.88        0.83099                       652209.75
4187557.92        0.82475
         652227.25    4187519.96        0.81627                       652244.75
4187482.01        0.80576
         652262.25    4187444.05        0.79445                       652279.75
4187406.09        0.78386
         652297.26    4187368.14        0.77488                       652314.76
4187330.18        0.76736
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652332.26    4187292.22        0.76040                       652349.76
4187254.27        0.75286
         652367.26    4187216.31        0.74381                       652384.76
4187178.35        0.73288
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652402.27 4187140.39 0.72020 652419.77
4187102.44 0.70609
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4187026.52 0.67459
652472.27 4186988.57 0.65804 652489.77
4186950.61 0.64199
652507.28 4186912.65 0.62717 652524.78
4186874.70 0.61391
652542.28 4186836.74 0.60204 652559.78
4186798.78 0.59120
652577.28 4186760.82 0.58106 652594.78
4186722.87 0.57150
652623.08 4186696.49 0.57137 652662.17
4186681.70 0.58082
652701.26 4186666.91 0.59116 652740.36
4186652.11 0.60224
652779.45 4186637.32 0.61382 652818.54
4186622.52 0.62582
652857.63 4186607.73 0.63847 652896.72
4186592.94 0.65215
652935.82 4186578.14 0.66706 652974.91
4186563.35 0.68294
653014.00 4186548.56 0.69894 653053.09
4186533.76 0.71438
653092.18 4186518.97 0.72837 653131.28
4186504.17 0.74016
653170.37 4186489.38 0.74929 653209.46
4186474.59 0.75531
653248.55 4186459.79 0.75781 653287.64
4186445.00 0.75677
653326.74 4186430.21 0.75245 653365.83
4186415.41 0.74563
653404.92 4186400.62 0.73681 653444.01
4186385.82 0.72616
653483.10 4186371.03 0.71350 653522.20
4186356.24 0.69870
653561.29 4186341.44 0.68213 653600.38
4186326.65 0.66491
653639.47 4186311.86 0.64866 653678.56
4186297.06 0.63496
652095.08 4187825.52 0.86631 652093.26
4187867.29 0.88353
652091.44 4187909.05 0.89944 651854.85
4187775.04 0.67925
651872.11 4187737.61 0.67646 651889.38
4187700.17 0.67303
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651941.16 4187587.87 0.66285 651958.42
4187550.44 0.65987

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         651975.68    4187513.00        0.65628                      651992.94
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4187400.70        0.63735
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4187325.84        0.62205
         652079.24    4187288.40        0.61579                      652096.50
4187250.97        0.61063
         652113.76    4187213.54        0.60613                      652131.02
4187176.10        0.60166
         652148.28    4187138.67        0.59661                      652165.54
4187101.23        0.59050
         652182.80    4187063.80        0.58315                      652200.06
4187026.37        0.57468
         652217.32    4186988.93        0.56532                      652234.58
4186951.50        0.55525
         652251.84    4186914.07        0.54456                      652269.10
4186876.63        0.53337
         652286.36    4186839.20        0.52201                      652303.62
4186801.77        0.51094
         652320.88    4186764.33        0.50057                      652338.14
4186726.90        0.49116
         652355.40    4186689.46        0.48267                      652372.67
4186652.03        0.47494
         652389.93    4186614.60        0.46774                      652407.19
4186577.16        0.46090
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         652424.45    4186539.73        0.45437                      652452.35
4186513.72        0.45421
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652490.91 4186499.13 0.46050 652529.46
4186484.54 0.46735
652568.01 4186469.95 0.47472 652606.57
4186455.36 0.48248
652645.12 4186440.77 0.49050 652683.67
4186426.18 0.49863
652722.22 4186411.59 0.50701 652760.78
4186397.00 0.51598
652799.33 4186382.41 0.52578 652837.88
4186367.82 0.53645
652876.44 4186353.23 0.54771 652914.99
4186338.64 0.55908
652953.54 4186324.05 0.56995 652992.10
4186309.46 0.57984
653030.65 4186294.87 0.58846 653069.20
4186280.28 0.59563
653107.75 4186265.69 0.60111 653146.31
4186251.10 0.60468
653184.86 4186236.51 0.60624 653223.41
4186221.92 0.60569
653261.97 4186207.33 0.60309 653300.52
4186192.74 0.59872
653339.07 4186178.15 0.59306 653377.63
4186163.56 0.58637
653416.18 4186148.97 0.57860 653454.73
4186134.38 0.56957
653493.28 4186119.79 0.55915 653531.84
4186105.20 0.54748
653570.39 4186090.61 0.53511 653608.94
4186076.02 0.52294
653647.50 4186061.43 0.51199 653686.05
4186046.84 0.50306
651845.31 4187814.64 0.68631 651843.49
4187856.40 0.69776
651841.67 4187898.17 0.70852 651355.37
4187753.19 0.46278
651372.70 4187715.59 0.46188 651390.04
4187677.99 0.46021
651407.38 4187640.39 0.45812 651424.71
4187602.80 0.45590
651442.05 4187565.20 0.45377 651459.38
4187527.60 0.45192
651476.72 4187490.00 0.45041 651494.06
4187452.40 0.44909
651511.39 4187414.80 0.44768 651528.73
4187377.21 0.44580
651546.07 4187339.61 0.44314 651563.40
4187302.01 0.43961
651580.74 4187264.41 0.43538 651598.07
4187226.81 0.43085

```
         651615.41    4187189.21        0.42644                      651632.75
4187151.62        0.42254
         651650.08    4187114.02        0.41926                      651667.42
4187076.42        0.41658
         651684.76    4187038.82        0.41430                      651702.09
4187001.22        0.41222
         651719.43    4186963.62        0.41006                      651736.77
4186926.03        0.40761
         651754.10    4186888.43        0.40463                      651771.44
4186850.83        0.40105
         651788.77    4186813.23        0.39681                      651806.11
4186775.63        0.39205
         651823.45    4186738.03        0.38690                      651840.78
4186700.44        0.38148
         651858.12    4186662.84        0.37583                      651875.46
4186625.24        0.36992
         651892.79    4186587.64        0.36379                      651910.13
4186550.04        0.35754
         651927.46    4186512.44        0.35135                      651944.80
4186474.85        0.34543
         651962.14    4186437.25        0.33990                      651979.47
4186399.65        0.33483
         651996.81    4186362.05        0.33030                      652014.15
4186324.45        0.32605
         652031.48    4186286.85        0.32200                      652048.82
4186249.26        0.31810
         652066.15    4186211.66        0.31441                      652083.49
4186174.06        0.31089
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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652111.52 4186147.93 0.31076 652150.24
4186133.28 0.31408
652188.97 4186118.62 0.31765 652227.69
4186103.97 0.32154
652266.41 4186089.32 0.32574 652305.13
4186074.66 0.33011
652343.86 4186060.01 0.33448 652382.58
4186045.35 0.33877
652421.30 4186030.70 0.34300 652460.02
4186016.05 0.34728
652498.75 4186001.39 0.35182 652537.47
4185986.74 0.35682
652576.19 4185972.08 0.36236 652614.91
4185957.43 0.36843
652653.64 4185942.78 0.37488 652692.36
4185928.12 0.38146
652731.08 4185913.47 0.38791 652769.81
4185898.81 0.39406
652808.53 4185884.16 0.39964 652847.25
4185869.51 0.40457
652885.97 4185854.85 0.40878 652924.70
4185840.20 0.41225
652963.42 4185825.54 0.41493 653002.14
4185810.89 0.41676
653040.86 4185796.24 0.41769 653079.59
4185781.58 0.41765
653118.31 4185766.93 0.41664 653157.03
4185752.28 0.41473
653195.75 4185737.62 0.41211 653234.48
4185722.97 0.40898
653273.20 4185708.31 0.40545 653311.92
4185693.66 0.40155
653350.65 4185679.01 0.39718 653389.37
4185664.35 0.39222
653428.09 4185649.70 0.38654 653466.81
4185635.04 0.38011
653505.54 4185620.39 0.37307 653544.26
4185605.74 0.36573
653582.98 4185591.08 0.35854 653621.70
4185576.43 0.35197
653660.43 4185561.77 0.34639 653699.15
4185547.12 0.34202
651345.79 4187792.87 0.46591 651343.97
4187834.63 0.47145
651342.15 4187876.40 0.47683 650855.87
4187731.37 0.33856
650873.25 4187693.66 0.33816 650890.64
4187655.95 0.33724
650908.02 4187618.25 0.33640 650925.41
4187580.54 0.33536

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         650942.80    4187542.84        0.33414                      650960.18
4187505.13        0.33265
         650977.57    4187467.42        0.33162                      650994.95
4187429.72        0.33036
         651012.34    4187392.01        0.32965                      651029.72
4187354.31        0.32886
         651047.11    4187316.60        0.32847                      651064.50
4187278.89        0.32745
         651081.88    4187241.19        0.32642                      651099.27
4187203.48        0.32461
         651116.65    4187165.78        0.32244                      651134.04
4187128.07        0.31970
         651151.43    4187090.36        0.31664                      651168.81
4187052.66        0.31371
         651186.20    4187014.95        0.31101                      651203.58
4186977.25        0.30868
         651220.97    4186939.54        0.30676                      651238.36
4186901.83        0.30518
         651255.74    4186864.13        0.30388                      651273.13
4186826.42        0.30274
         651290.51    4186788.72        0.30163                      651307.90
4186751.01        0.30046
         651325.29    4186713.30        0.29913                      651342.67
4186675.60        0.29754
         651360.06    4186637.89        0.29560                      651377.44
4186600.19        0.29327
         651394.83    4186562.48        0.29058                      651412.22
4186524.77        0.28760
         651429.60    4186487.07        0.28445                      651446.99
4186449.36        0.28119
♠ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
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         652974.50    4185326.58        0.30856                      653013.33
4185311.89        0.30766
         653052.17    4185297.19        0.30631                      653091.00
4185282.50        0.30464
         653129.83    4185267.80        0.30272                      653168.67
4185253.10        0.30062
         653207.50    4185238.41        0.29836                      653246.33
4185223.71        0.29591
         653285.17    4185209.02        0.29323                      653324.00
4185194.32        0.29022
         653362.83    4185179.62        0.28679                      653401.67
4185164.93        0.28292
         653440.50    4185150.23        0.27862                      653479.34
4185135.54        0.27398
         653518.17    4185120.84        0.26920                      653557.00
4185106.14        0.26452
         653595.84    4185091.45        0.26019                      653634.67
4185076.75        0.25640
         653673.50    4185062.06        0.25331                      653712.34
4185047.36        0.25095
         650846.26    4187771.10        0.34031                      650844.44
4187812.87        0.34350
         650842.62    4187854.63        0.34717                      650356.36
4187709.56        0.26028
         650373.78    4187671.78        0.26083                      650391.20
4187634.00        0.26097
         650408.62    4187596.21        0.26052                      650426.04
4187558.43        0.25941
         650443.46    4187520.65        0.25858                      650460.88
4187482.87        0.25767
         650478.30    4187445.09        0.25676                      650495.72
4187407.30        0.25575
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650513.15	4187369.52	0.25482	650530.57	4187331.74	0.25420
650547.99	4187293.96	0.25356	650565.41	4187256.18	0.25312
650582.83	4187218.40	0.25284	650600.25	4187180.61	0.25245
650617.67	4187142.83	0.25188	650635.09	4187105.05	0.25104
650652.51	4187067.27	0.24991	650669.93	4187029.49	0.24841
650687.36	4186991.70	0.24661	650704.78	4186953.92	0.24464
650722.20	4186916.14	0.24262	650739.62	4186878.36	0.24069
650757.04	4186840.58	0.23898	650774.46	4186802.79	0.23754
650791.88	4186765.01	0.23634	650809.30	4186727.23	0.23535
650826.72	4186689.45	0.23452	650844.14	4186651.67	0.23377
650861.56	4186613.88	0.23307	650878.99	4186576.10	0.23236
650896.41	4186538.32	0.23161	650913.83	4186500.54	0.23077
650931.25	4186462.76	0.22978	650948.67	4186424.97	0.22859
650966.09	4186387.19	0.22716	650983.51	4186349.41	0.22552
651000.93	4186311.63	0.22369	651018.35	4186273.85	0.22163
651035.77	4186236.06	0.21949	651053.20	4186198.28	0.21724
651070.62	4186160.50	0.21502	651088.04	4186122.72	0.21278
651105.46	4186084.94	0.21044	651122.88	4186047.16	0.20806
651140.30	4186009.37	0.20563	651157.72	4185971.59	0.20308
651175.14	4185933.81	0.20059	651192.56	4185896.03	0.19806
651209.98	4185858.25	0.19557	651227.40	4185820.46	0.19324
651244.83	4185782.68	0.19109	651262.25	4185744.90	0.18907
651279.67	4185707.12	0.18742	651297.09	4185669.34	0.18549

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         651314.51    4185631.55       0.18379                    651331.93
4185593.77        0.18217
         651349.35    4185555.99       0.18075                    651366.77
4185518.21        0.17928
         651384.19    4185480.43       0.17782                    651401.61
4185442.64        0.17643
         651429.78    4185416.39       0.17642                    651468.69
4185401.66        0.17774
         651507.60    4185386.94       0.17912                    651546.52
4185372.21        0.18058
         651585.43    4185357.49       0.18208                    651624.34
4185342.76        0.18368
         651663.25    4185328.04       0.18539                    651702.16
4185313.31        0.18716
         651741.07    4185298.59       0.18902                    651779.99
4185283.86        0.19088
         651818.90    4185269.13       0.19263                    651857.81
4185254.41        0.19426
         651896.72    4185239.68       0.19581                    651935.63
4185224.96        0.19735
         651974.55    4185210.23       0.19898                    652013.46
4185195.51        0.20067
         652052.37    4185180.78       0.20259                    652091.28
4185166.06        0.20477
         652130.19    4185151.33       0.20720                    652169.10
4185136.60        0.20986
         652208.02    4185121.88       0.21271                    652246.93
4185107.15        0.21570
         652285.84    4185092.43       0.21866                    652324.75
4185077.70        0.22155
         652363.66    4185062.98       0.22430                    652402.57
4185048.25        0.22685
         652441.49    4185033.53       0.22916                    652480.40
4185018.80        0.23122
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652519.31	4185004.08	0.23307	652558.22	4184989.35	0.23475
652597.13	4184974.62	0.23620	652636.04	4184959.90	0.23741
652674.96	4184945.17	0.23839	652713.87	4184930.45	0.23915
652752.78	4184915.72	0.23965	652791.69	4184901.00	0.23985
652830.60	4184886.27	0.23974	652869.52	4184871.55	0.23932
652908.43	4184856.82	0.23843	652947.34	4184842.09	0.23728
652986.25	4184827.37	0.23648	653025.16	4184812.64	0.23514
653064.07	4184797.92	0.23370	653102.99	4184783.19	0.23228
653141.90	4184768.47	0.23080	653180.81	4184753.74	0.22916
653219.72	4184739.02	0.22739	653258.63	4184724.29	0.22540
653297.54	4184709.56	0.22317	653336.46	4184694.84	0.22064
653375.37	4184680.11	0.21781	653414.28	4184665.39	0.21471
653453.19	4184650.66	0.21143	653492.10	4184635.94	0.20808
653531.01	4184621.21	0.20481	653569.93	4184606.49	0.20174
653608.84	4184591.76	0.19901	653647.75	4184577.03	0.19671
653686.66	4184562.31	0.19488	653725.57	4184547.58	0.19351
650346.74	4187749.33	0.26135	650344.92	4187791.10	0.26344
650343.10	4187832.86	0.26559	649856.84	4187687.76	0.20715
649874.29	4187649.93	0.20724	649891.74	4187612.09	0.20726
649909.18	4187574.25	0.20723	649926.63	4187536.41	0.20714
649944.08	4187498.57	0.20679	649961.53	4187460.73	0.20616
649978.97	4187422.90	0.20554	649996.42	4187385.06	0.20484

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         650013.87    4187347.22        0.20409                      650031.31
4187309.38        0.20335
         650048.76    4187271.54        0.20269                      650066.21
4187233.70        0.20216
         650083.65    4187195.87        0.20176                      650101.10
4187158.03        0.20149
         650118.55    4187120.19        0.20151                      650136.00
4187082.35        0.20135
         650153.44    4187044.51        0.20111                      650170.89
4187006.67        0.20094
         650188.34    4186968.84        0.20080                      650205.78
4186931.00        0.19972
         650223.23    4186893.16        0.19836                      650240.68
4186855.32        0.19730
         650258.12    4186817.48        0.19592                      650275.57
4186779.64        0.19445
         650293.02    4186741.81        0.19307                      650310.46
4186703.97        0.19165
         650327.91    4186666.13        0.19056                      650345.36
4186628.29        0.18946
         650362.81    4186590.45        0.18876                      650380.25
4186552.61        0.18810
         650397.70    4186514.78        0.18748                      650415.15
4186476.94        0.18694
         650432.59    4186439.10        0.18647                      650450.04
4186401.26        0.18596
         650467.49    4186363.42        0.18556                      650484.93
4186325.58        0.18499
         650502.38    4186287.75        0.18445                      650519.83
4186249.91        0.18379
         650537.28    4186212.07        0.18312                      650554.72
4186174.23        0.18232
         650572.17    4186136.39        0.18120                      650589.62
4186098.55        0.17998
         650607.06    4186060.72        0.17867                      650624.51
4186022.88        0.17725
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD      ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650641.96	4185985.04	0.17571	650659.40	4185947.20	0.17417
650676.85	4185909.36	0.17260	650694.30	4185871.52	0.17101
650711.74	4185833.69	0.16946	650729.19	4185795.85	0.16762
650746.64	4185758.01	0.16565	650764.09	4185720.17	0.16424
650781.53	4185682.33	0.16256	650798.98	4185644.49	0.16077
650816.43	4185606.66	0.15899	650833.87	4185568.82	0.15725
650851.32	4185530.98	0.15563	650868.77	4185493.14	0.15410
650886.21	4185455.30	0.15264	650903.66	4185417.46	0.15120
650921.11	4185379.63	0.14982	650938.56	4185341.79	0.14849
650956.00	4185303.95	0.14729	650973.45	4185266.11	0.14612
650990.90	4185228.27	0.14509	651008.34	4185190.43	0.14401
651025.79	4185152.60	0.14312	651043.24	4185114.76	0.14215
651060.68	4185076.92	0.14134	651088.89	4185050.63	0.14132
651127.86	4185035.88	0.14230	651166.83	4185021.13	0.14315
651205.80	4185006.38	0.14412	651244.77	4184991.64	0.14516
651283.74	4184976.89	0.14635	651322.71	4184962.14	0.14745
651361.68	4184947.39	0.14873	651400.65	4184932.65	0.15003
651439.62	4184917.90	0.15130	651478.59	4184903.15	0.15257
651517.56	4184888.40	0.15382	651556.53	4184873.66	0.15503
651595.50	4184858.91	0.15614	651634.47	4184844.16	0.15718
651673.44	4184829.41	0.15818	651712.41	4184814.67	0.15921

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         651751.38    4184799.92        0.16030                        651790.35
4184785.17        0.16153
         651829.32    4184770.42        0.16292                        651868.29
4184755.68        0.16448
         651907.26    4184740.93        0.16623                        651946.23
4184726.18        0.16817
         651985.20    4184711.43        0.17025                        652024.17
4184696.69        0.17241
         652063.14    4184681.94        0.17456                        652102.11
4184667.19        0.17667
         652141.08    4184652.44        0.17870                        652180.05
4184637.70        0.18062
         652219.02    4184622.95        0.18239                        652257.99
4184608.20        0.18400
         652296.96    4184593.45        0.18544                        652335.93
4184578.71        0.18673
         652374.90    4184563.96        0.18787                        652413.87
4184549.21        0.18888
         652452.84    4184534.46        0.18978                        652491.81
4184519.72        0.19057
         652530.78    4184504.97        0.19124                        652569.75
4184490.22        0.19178
         652608.72    4184475.47        0.19218                        652647.69
4184460.73        0.19239
         652686.65    4184445.98        0.19241                        652725.62
4184431.23        0.19221
         652764.59    4184416.48        0.19183                        652803.56
4184401.74        0.19127
         652842.53    4184386.99        0.19056                        652881.50
4184372.24        0.18973
         652920.47    4184357.49        0.18881                        652959.44
4184342.75        0.18782
         652998.41    4184328.00        0.18678                        653037.38
4184313.25        0.18574
         653076.35    4184298.50        0.18473                        653115.32
4184283.75        0.18360
         653154.29    4184269.01        0.18237                        653193.26
4184254.26        0.18100
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD    ***
                                 INCLUDING SOURCE(S):     STCK1       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653232.23	4184239.51	0.17946	653271.20	4184224.76	0.17773
653310.17	4184210.02	0.17580	653349.14	4184195.27	0.17368
653388.11	4184180.52	0.17138	653427.08	4184165.77	0.16897
653466.05	4184151.03	0.16654	653505.02	4184136.28	0.16416
653543.99	4184121.53	0.16192	653582.96	4184106.78	0.15988
653621.93	4184092.04	0.15812	653660.90	4184077.29	0.15667
653699.87	4184062.54	0.15554	653738.84	4184047.79	0.15469
649847.21	4187727.57	0.20777	649845.39	4187769.33	0.20916
649843.57	4187811.09	0.21060	653669.02	4187987.41	322.56280
653652.19	4188005.90	203.34136	653635.37	4188024.39	124.06112
653617.96	4188041.48	82.39265	653608.64	4188019.11	86.82828
653599.33	4187996.73	82.70009	653631.73	4188060.96	76.78563
653584.52	4188078.97	43.53092	653575.63	4188057.61	46.51420
653566.74	4188036.26	48.22470	653557.84	4188014.90	47.74645
653548.95	4187993.54	44.59316	653598.07	4188097.94	40.82319
653550.66	4188115.44	27.22366	653541.34	4188093.07	28.95254
653532.03	4188070.69	30.35556	653522.71	4188048.32	31.11687
653513.40	4188025.94	30.86930	653504.08	4188003.57	29.53846
653517.13	4188152.74	18.74673	653508.08	4188130.98	19.79257
653499.02	4188109.23	20.66125	653489.96	4188087.47	21.43712

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         653480.91    4188065.72       21.88259                       653471.85
4188043.96       21.86412
         653462.80    4188022.21       21.42584                       653453.74
4188000.46       20.44394
         653483.35    4188189.41       13.81634                       653474.04
4188167.03       14.52354
         653464.72    4188144.65       15.09951                       653455.41
4188122.28       15.66110
         653446.09    4188099.90       16.13472                       653436.78
4188077.53       16.36629
         653427.46    4188055.15       16.33839                       653418.15
4188032.78       16.09786
         653408.83    4188010.40       15.56920                       653399.52
4187988.02       14.66446
         653449.79    4188226.61       10.63773                       653440.66
4188204.68       11.12532
         653431.54    4188182.75       11.51812                       653422.41
4188160.82       11.89566
         653413.28    4188138.90       12.27398                       653404.15
4188116.97       12.58329
         653395.02    4188095.04       12.74505                       653385.89
4188073.11       12.75553
         653376.77    4188051.18       12.65766                       653367.64
4188029.26       12.43171
         653358.51    4188007.33       12.00632                       653349.38
4187985.40       11.36043
         653382.32    4188300.17        6.94172                       653372.86
4188277.43        7.21843
         653363.39    4188254.69        7.43828                       653353.93
4188231.96        7.63898
         653344.46    4188209.22        7.85073                       653335.00
4188186.48        8.07067
         653325.53    4188163.75        8.26690                       653316.07
4188141.01        8.40360
         653306.60    4188118.27        8.46372                       653297.14
4188095.54        8.46204
         653287.67    4188072.80        8.42128                       653278.21
4188050.06        8.33731
         653268.74    4188027.33        8.17190                       653259.28
4188004.59        7.89676
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
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INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653249.81	4187981.85	7.51836	653396.16	4188319.82	6.71246
653315.03	4188374.16	4.94958	653305.59	4188351.49	5.11953
653296.16	4188328.82	5.25504	653286.72	4188306.15	5.37158
653277.28	4188283.48	5.48644	653267.84	4188260.81	5.61318
653258.41	4188238.14	5.74834	653248.97	4188215.47	5.87794
653239.53	4188192.80	5.98525	653230.10	4188170.13	6.05873
653220.66	4188147.46	6.09302	653211.22	4188124.79	6.09485
653201.78	4188102.12	6.07866	653192.35	4188079.45	6.05065
653182.91	4188056.78	5.99754	653173.47	4188034.11	5.89640
653164.03	4188011.44	5.73479	653154.60	4187988.77	5.51780
653328.86	4188393.79	4.80866	653247.74	4188448.14	3.74341
653238.32	4188425.52	3.85802	653228.90	4188402.90	3.95044
653219.48	4188380.27	4.02719	653210.06	4188357.65	4.09681
653200.65	4188335.02	4.17053	653191.23	4188312.40	4.25161
653181.81	4188289.77	4.34083	653172.39	4188267.15	4.42970
653162.97	4188244.53	4.50901	653153.55	4188221.90	4.57236
653144.14	4188199.28	4.61506	653134.72	4188176.65	4.63538
653125.30	4188154.03	4.63621	653115.88	4188131.40	4.62669
653106.46	4188108.78	4.61305	653097.05	4188086.16	4.59409

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         653087.63    4188063.53        4.55738                      653078.21
4188040.91        4.49045
         653068.79    4188018.28        4.38639                      653059.37
4187995.66        4.24929
         653049.95    4187973.04        4.08766                      653180.44
4188522.12        2.94779
         653171.04    4188499.53        3.02900                      653161.63
4188476.94        3.09566
         653152.23    4188454.35        3.15041                      653142.82
4188431.76        3.19824
         653133.42    4188409.17        3.24521                      653124.01
4188386.58        3.29582
         653114.61    4188363.99        3.35289                      653105.21
4188341.40        3.41424
         653095.80    4188318.80        3.47613                      653086.40
4188296.21        3.53459
         653076.99    4188273.62        3.58510                      653067.59
4188251.03        3.62506
         653058.18    4188228.44        3.65214                      653048.78
4188205.85        3.66540
         653039.38    4188183.26        3.66600                      653029.97
4188160.67        3.65872
         653020.57    4188138.08        3.64970                      653011.16
4188115.49        3.64088
         653001.76    4188092.90        3.62771                      652992.35
4188070.31        3.60107
         652982.95    4188047.72        3.55339                      652973.55
4188025.12        3.48214
         652964.14    4188002.53        3.38933                      652954.74
4187979.94        3.28090
         653113.14    4188596.10        2.39285                      653103.75
4188573.53        2.45270
         653094.35    4188550.96        2.50258                      653084.96
4188528.40        2.54375
         653075.57    4188505.83        2.57897                      653066.17
4188483.27        2.61142
         653056.78    4188460.70        2.64503                      653047.39
4188438.14        2.68212
         653037.99    4188415.57        2.72338                      653028.60
4188393.01        2.76835
         653019.21    4188370.44        2.81412                      653009.81
4188347.88        2.85734
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653000.42	4188325.31	2.89626	652991.02	4188302.75	2.92957
652981.63	4188280.18	2.95625	652972.24	4188257.62	2.97456
652962.84	4188235.05	2.98343	652953.45	4188212.49	2.98364
652944.06	4188189.92	2.97827	652934.66	4188167.36	2.97105
652925.27	4188144.79	2.96542	652915.88	4188122.23	2.96042
652906.48	4188099.66	2.95100	652897.09	4188077.10	2.93156
652887.69	4188054.53	2.89648	652878.30	4188031.96	2.84515
652868.91	4188009.40	2.77947	652859.51	4187986.83	2.70258
652850.12	4187964.27	2.61814	653126.95	4188615.67	2.34480
652944.86	4188780.95	1.55903	652935.42	4188758.28	1.59106
652925.99	4188735.61	1.61860	652916.55	4188712.94	1.64178
652907.11	4188690.27	1.66118	652897.67	4188667.60	1.67806
652888.24	4188644.93	1.69359	652878.80	4188622.26	1.70902
652869.36	4188599.59	1.72554	652859.93	4188576.92	1.74402
652850.49	4188554.25	1.76488	652841.05	4188531.58	1.78775
652831.61	4188508.91	1.81178	652822.18	4188486.23	1.83584
652812.74	4188463.56	1.85878	652803.30	4188440.89	1.87989
652793.86	4188418.22	1.89887	652784.43	4188395.55	1.91565

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         652774.99    4188372.88        1.93003                    652765.55
4188350.21        1.94156
         652756.12    4188327.54        1.94954                    652746.68
4188304.87        1.95325
         652737.24    4188282.20        1.95274                    652727.80
4188259.53        1.94908
         652718.37    4188236.86        1.94427                    652708.93
4188214.19        1.94036
         652699.49    4188191.52        1.93855                    652690.05
4188168.85        1.93841
         652680.62    4188146.18        1.93799                    652671.18
4188123.51        1.93440
         652661.74    4188100.84        1.92508                    652652.31
4188078.17        1.90844
         652642.87    4188055.50        1.88409                    652633.43
4188032.83        1.85278
         652623.99    4188010.16        1.81581                    652614.56
4187987.49        1.77467
         652605.12    4187964.82        1.73064                    652776.59
4188965.81        1.11068
         652767.12    4188943.08        1.13007                    652757.66
4188920.34        1.14709
         652748.19    4188897.60        1.16174                    652738.73
4188874.87        1.17424
         652729.26    4188852.13        1.18493                    652719.80
4188829.40        1.19430
         652710.33    4188806.66        1.20288                    652700.87
4188783.92        1.21126
         652691.40    4188761.19        1.21997                    652681.94
4188738.45        1.22951
         652672.47    4188715.71        1.24018                    652663.01
4188692.98        1.25215
         652653.54    4188670.24        1.26533                    652644.08
4188647.50        1.27940
         652634.61    4188624.77        1.29384                    652625.15
4188602.03        1.30813
         652615.68    4188579.29        1.32176                    652606.22
4188556.56        1.33443
         652596.75    4188533.82        1.34602                    652587.29
4188511.08        1.35663
         652577.82    4188488.35        1.36631                    652568.36
4188465.61        1.37515
         652558.89    4188442.87        1.38292                    652549.43
4188420.14        1.38924
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652539.96	4188397.40	1.39356	652530.50	4188374.67	1.39547
652521.03	4188351.93	1.39487	652511.57	4188329.19	1.39222
652502.10	4188306.46	1.38847	652492.64	4188283.72	1.38487
652483.17	4188260.98	1.38248	652473.71	4188238.25	1.38187
652464.24	4188215.51	1.38277	652454.78	4188192.77	1.38427
652445.31	4188170.04	1.38490	652435.85	4188147.30	1.38325
652426.38	4188124.56	1.37811	652416.92	4188101.83	1.36887
652407.45	4188079.09	1.35540	652397.99	4188056.35	1.33807
652388.52	4188033.62	1.31747	652379.06	4188010.88	1.29433
652369.59	4187988.14	1.26931	652360.13	4187965.41	1.24305
652350.67	4187942.67	1.21600	652608.36	4189150.80	0.83913
652598.96	4189128.22	0.85179	652589.57	4189105.64	0.86311
652580.17	4189083.06	0.87304	652570.77	4189060.49	0.88165
652561.37	4189037.91	0.88908	652551.97	4189015.33	0.89552
652542.57	4188992.76	0.90121	652533.17	4188970.18	0.90642
652523.77	4188947.60	0.91144	652514.38	4188925.02	0.91653
652504.98	4188902.45	0.92192	652495.58	4188879.87	0.92784

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         652486.18    4188857.29        0.93444                     652476.78
4188834.72        0.94179
         652467.38    4188812.14        0.94988                     652457.98
4188789.56        0.95862
         652448.59    4188766.98        0.96779                     652439.19
4188744.41        0.97710
         652429.79    4188721.83        0.98630                     652420.39
4188699.25        0.99512
         652410.99    4188676.68        1.00336                     652401.59
4188654.10        1.01099
         652392.19    4188631.52        1.01801                     652382.80
4188608.94        1.02455
         652373.40    4188586.37        1.03070                     652364.00
4188563.79        1.03655
         652354.60    4188541.21        1.04205                     652345.20
4188518.64        1.04703
         652335.80    4188496.06        1.05122                     652326.40
4188473.48        1.05424
         652317.00    4188450.90        1.05579                     652307.61
4188428.33        1.05573
         652298.21    4188405.75        1.05414                     652288.81
4188383.17        1.05145
         652279.41    4188360.59        1.04831                     652270.01
4188338.02        1.04546
         652260.61    4188315.44        1.04354                     652251.21
4188292.86        1.04292
         652241.82    4188270.29        1.04361                     652232.42
4188247.71        1.04520
         652223.02    4188225.13        1.04703                     652213.62
4188202.55        1.04825
         652204.22    4188179.98        1.04808                     652194.82
4188157.40        1.04588
         652185.42    4188134.82        1.04127                     652176.02
4188112.25        1.03414
         652166.63    4188089.67        1.02460                     652157.23
4188067.09        1.01289
         652147.83    4188044.51        0.99938                     652138.43
4188021.94        0.98445
         652129.03    4187999.36        0.96846                     652119.63
4187976.78        0.95172
         652110.23    4187954.21        0.93451                     652100.84
4187931.63        0.91703
         652622.17    4189170.37        0.82924                     652440.09
4189335.67        0.66088
         652430.67    4189313.03        0.66974                     652421.24
4189290.39        0.67774
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652411.82	4189267.75	0.68488	652402.40	4189245.12	0.69115
652392.97	4189222.48	0.69663	652383.55	4189199.84	0.70139
652374.12	4189177.20	0.70556	652364.70	4189154.57	0.70927
652355.28	4189131.93	0.71269	652345.85	4189109.29	0.71595
652336.43	4189086.65	0.71922	652327.00	4189064.01	0.72262
652317.58	4189041.38	0.72628	652308.16	4189018.74	0.73031
652298.73	4188996.10	0.73477	652289.31	4188973.46	0.73971
652279.88	4188950.83	0.74512	652270.46	4188928.19	0.75097
652261.04	4188905.55	0.75716	652251.61	4188882.91	0.76355
652242.19	4188860.27	0.76999	652232.77	4188837.64	0.77630
652223.34	4188815.00	0.78235	652213.92	4188792.36	0.78803
652204.49	4188769.72	0.79329	652195.07	4188747.09	0.79814
652185.65	4188724.45	0.80267	652176.22	4188701.81	0.80694
652166.80	4188679.17	0.81107	652157.37	4188656.53	0.81511
652147.95	4188633.90	0.81905	652138.53	4188611.26	0.82283
652129.10	4188588.62	0.82626	652119.68	4188565.98	0.82913

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         652110.25    4188543.34        0.83117                    652100.83
4188520.71        0.83218
         652091.41    4188498.07        0.83206                    652081.98
4188475.43        0.83083
         652072.56    4188452.79        0.82875                    652063.14
4188430.16        0.82617
         652053.71    4188407.52        0.82357                    652044.29
4188384.88        0.82143
         652034.86    4188362.24        0.82010                    652025.44
4188339.60        0.81980
         652016.02    4188316.97        0.82050                    652006.59
4188294.33        0.82196
         651997.17    4188271.69        0.82379                    651987.74
4188249.05        0.82547
         651978.32    4188226.42        0.82651                    651968.90
4188203.78        0.82647
         651959.47    4188181.14        0.82500                    651950.05
4188158.50        0.82194
         651940.62    4188135.86        0.81722                    651931.20
4188113.23        0.81094
         651921.78    4188090.59        0.80323                    651912.35
4188067.95        0.79431
         651902.93    4188045.31        0.78438                    651893.51
4188022.67        0.77368
         651884.08    4188000.04        0.76238                    651874.66
4187977.40        0.75069
         651865.23    4187954.76        0.73874                    651855.81
4187932.12        0.72667
         652103.56    4189705.43        0.44655                    652094.10
4189682.71        0.45145
         652084.64    4189659.99        0.45596                    652075.18
4189637.27        0.46006
         652065.72    4189614.55        0.46375                    652056.26
4189591.83        0.46705
         652046.80    4189569.11        0.46997                    652037.35
4189546.39        0.47254
         652027.89    4189523.66        0.47481                    652018.43
4189500.94        0.47682
         652008.97    4189478.22        0.47864                    651999.51
4189455.50        0.48032
         651990.05    4189432.78        0.48192                    651980.60
4189410.06        0.48350
         651971.14    4189387.34        0.48511                    651961.68
4189364.62        0.48680
         651952.22    4189341.90        0.48860                    651942.76
4189319.18        0.49057
         651933.30    4189296.46        0.49271                    651923.84
4189273.73        0.49506
1 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD   ***
                             INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

651630.63 4188569.39 0.55698 651621.17
4188546.67 0.55508
651611.71 4188523.94 0.55319 651602.26
4188501.22 0.55160
651592.80 4188478.50 0.55042 651583.34
4188455.78 0.54977
651573.88 4188433.06 0.54987 651564.42
4188410.34 0.55061
651554.96 4188387.62 0.55185 651545.51
4188364.90 0.55334
651536.05 4188342.18 0.55492 651526.59
4188319.46 0.55637
651517.13 4188296.74 0.55744 651507.67
4188274.01 0.55799
651498.21 4188251.29 0.55788 651488.75
4188228.57 0.55696
651479.30 4188205.85 0.55519 651469.84
4188183.13 0.55269
651460.38 4188160.41 0.54955 651450.92
4188137.69 0.54569
651441.46 4188114.97 0.54123 651432.00
4188092.25 0.53623
651422.55 4188069.53 0.53077 651413.09
4188046.81 0.52495
651403.63 4188024.08 0.51884 651394.17
4188001.36 0.51249
651384.71 4187978.64 0.50604 651375.25
4187955.92 0.49953
651365.79 4187933.20 0.49306 651356.34
4187910.48 0.48654
652117.39 4189725.08 0.44276 651767.05
4190075.27 0.32594
651757.62 4190052.61 0.32895 651748.18
4190029.95 0.33175
651738.75 4190007.29 0.33434 651729.32
4189984.63 0.33671
651719.89 4189961.97 0.33886 651710.45
4189939.31 0.34080
651701.02 4189916.65 0.34254 651691.59
4189893.99 0.34409
651682.15 4189871.33 0.34546 651672.72
4189848.67 0.34667
651663.29 4189826.01 0.34772 651653.85
4189803.35 0.34866
651644.42 4189780.69 0.34950 651634.99
4189758.03 0.35030
651625.56 4189735.37 0.35108 651616.12
4189712.71 0.35193
651606.69 4189690.05 0.35283 651597.26
4189667.39 0.35377

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                   *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD   ***
                                   INCLUDING SOURCE(S):   STK1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

651323.70 4189010.27 0.39869 651314.27 4188987.61 0.40009
651304.84 4188964.95 0.40152 651295.40 4188942.29 0.40300
651285.97 4188919.63 0.40448 651276.54 4188896.97 0.40592
651267.10 4188874.31 0.40724 651257.67 4188851.65 0.40836
651248.24 4188828.99 0.40913 651238.81 4188806.33 0.40953
651229.37 4188783.67 0.40955 651219.94 4188761.01 0.40926
651210.51 4188738.35 0.40849 651201.07 4188715.69 0.40723
651191.64 4188693.03 0.40584 651182.21 4188670.37 0.40435
651172.77 4188647.71 0.40286 651163.34 4188625.05 0.40150
651153.91 4188602.40 0.40041 651144.48 4188579.74 0.39962
651135.04 4188557.08 0.39909 651125.61 4188534.42 0.39905
651116.18 4188511.76 0.39943 651106.74 4188489.10 0.40016
651097.31 4188466.44 0.40108 651087.88 4188443.78 0.40235
651078.45 4188421.12 0.40362 651069.01 4188398.46 0.40480
651059.58 4188375.80 0.40590 651050.15 4188353.14 0.40658
651040.71 4188330.48 0.40689 651031.28 4188307.82 0.40685
651021.85 4188285.16 0.40642 651012.42 4188262.50 0.40563
651002.98 4188239.84 0.40441 650993.55 4188217.18 0.40287
650984.12 4188194.52 0.40086 650974.68 4188171.86 0.39849
650965.25 4188149.20 0.39582 650955.82 4188126.54 0.39288
650946.38 4188103.89 0.38961 650936.95 4188081.23 0.38619
650927.52 4188058.57 0.38246 650918.09 4188035.91 0.37860
650908.65 4188013.25 0.37464 650899.22 4187990.59 0.37067
650889.79 4187967.93 0.36682 650880.35 4187945.27 0.36299
650870.92 4187922.61 0.35907 650861.49 4187899.95 0.35495

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651430.52	4190445.04	0.25027	651421.06	4190422.33	0.25229
651411.61	4190399.61	0.25417	651402.15	4190376.90	0.25594
651392.70	4190354.19	0.25758	651383.24	4190331.47	0.25909
651373.78	4190308.76	0.26048	651364.33	4190286.04	0.26177
651354.87	4190263.33	0.26294	651345.42	4190240.61	0.26400
651335.96	4190217.90	0.26495	651326.51	4190195.18	0.26579
651317.05	4190172.47	0.26655	651307.59	4190149.75	0.26723
651298.14	4190127.04	0.26785	651288.68	4190104.32	0.26842
651279.23	4190081.61	0.26895	651269.77	4190058.90	0.26947
651260.31	4190036.18	0.26998	651250.86	4190013.47	0.27050
651241.40	4189990.75	0.27105	651231.95	4189968.04	0.27162
651222.49	4189945.32	0.27223	651213.04	4189922.61	0.27290
651203.58	4189899.89	0.27362	651194.12	4189877.18	0.27438

651184.67 4189854.46 0.27519 651175.21 4189831.75 0.27608
651165.76 4189809.03 0.27704 651156.30 4189786.32 0.27805
651146.84 4189763.61 0.27914 651137.39 4189740.89 0.28023
651127.93 4189718.18 0.28130 651118.48 4189695.46 0.28260
651109.02 4189672.75 0.28388 651099.57 4189650.03 0.28505
651090.11 4189627.32 0.28630 651080.65 4189604.60 0.28767
651071.20 4189581.89 0.28915 651061.74 4189559.17 0.29039
651052.29 4189536.46 0.29175 651042.83 4189513.74 0.29297
651033.37 4189491.03 0.29421 651023.92 4189468.31 0.29546
651014.46 4189445.60 0.29640 651005.01 4189422.89 0.29719
650995.55 4189400.17 0.29825 650986.09 4189377.46 0.29919
650976.64 4189354.74 0.30002 650967.18 4189332.03 0.30076
650957.73 4189309.31 0.30142 650948.27 4189286.60 0.30204
650938.82 4189263.88 0.30270 650929.36 4189241.17 0.30371
650919.90 4189218.45 0.30449 650910.45 4189195.74 0.30519
650900.99 4189173.02 0.30621 650891.54 4189150.31 0.30726
650882.08 4189127.60 0.30829 650872.62 4189104.88 0.30948
650863.17 4189082.17 0.30984 650853.71 4189059.45 0.31095
650844.26 4189036.74 0.31206 650834.80 4189014.02 0.31320
650825.35 4188991.31 0.31392 650815.89 4188968.59 0.31447
650806.43 4188945.88 0.31477 650796.98 4188923.16 0.31476
650787.52 4188900.45 0.31438 650778.07 4188877.73 0.31357
650768.61 4188855.02 0.31280 650759.15 4188832.31 0.31209
650749.70 4188809.59 0.31112 650740.24 4188786.88 0.30997
650730.79 4188764.16 0.30881 650721.33 4188741.45 0.30779

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650674.05	4188627.87	0.30595	650664.60	4188605.16	0.30623
650655.14	4188582.44	0.30672	650645.68	4188559.73	0.30734
650636.23	4188537.02	0.30805	650626.77	4188514.30	0.30878
650617.32	4188491.59	0.30950	650607.86	4188468.87	0.31028
650598.40	4188446.16	0.31110	650588.95	4188423.44	0.31180
650579.49	4188400.73	0.31231	650570.04	4188378.01	0.31262
650560.58	4188355.30	0.31260	650551.13	4188332.58	0.31232
650541.67	4188309.87	0.31178	650532.21	4188287.15	0.31104
650522.76	4188264.44	0.30999	650513.30	4188241.72	0.30872
650503.85	4188219.01	0.30723	650494.39	4188196.30	0.30553
650484.93	4188173.58	0.30366	650475.48	4188150.87	0.30164
650466.02	4188128.15	0.29940	650456.57	4188105.44	0.29708

650447.11 4188082.72 0.29464 650437.65
4188060.01 0.29214
650428.20 4188037.29 0.28958 650418.74
4188014.58 0.28693
650409.29 4187991.86 0.28435 650399.83
4187969.15 0.28169
650390.38 4187946.43 0.27880 650380.92
4187923.72 0.27609
650371.46 4187901.01 0.27332 650362.01
4187878.29 0.27076
650352.55 4187855.58 0.26813 651094.01
4190814.87 0.19976
651084.57 4190792.20 0.20117 651075.14
4190769.53 0.20252
651065.70 4190746.86 0.20378 651056.26
4190724.19 0.20496
651046.82 4190701.52 0.20606 651037.39
4190678.85 0.20708
651027.95 4190656.18 0.20802 651018.51
4190633.51 0.20889
651009.08 4190610.84 0.20968 650999.64
4190588.17 0.21040
650990.20 4190565.50 0.21106 650980.76
4190542.83 0.21166
650971.33 4190520.16 0.21220 650961.89
4190497.49 0.21268
650952.45 4190474.82 0.21313 650943.01
4190452.15 0.21353
650933.58 4190429.48 0.21390 650924.14
4190406.81 0.21425
650914.70 4190384.14 0.21458 650905.27
4190361.47 0.21490
650895.83 4190338.80 0.21523 650886.39
4190316.13 0.21557
650876.95 4190293.46 0.21593 650867.52
4190270.79 0.21632
650858.08 4190248.12 0.21673 650848.64
4190225.45 0.21719
650839.20 4190202.78 0.21767 650829.77
4190180.11 0.21819
650820.33 4190157.44 0.21874 650810.89
4190134.77 0.21932
650801.46 4190112.10 0.21993 650792.02
4190089.43 0.22057
650782.58 4190066.76 0.22126 650773.14
4190044.09 0.22196
650763.71 4190021.42 0.22270 650754.27
4189998.75 0.22347
650744.83 4189976.08 0.22426 650735.39
4189953.41 0.22507

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650725.96	4189930.74	0.22592	650716.52	4189908.07	0.22679
650707.08	4189885.40	0.22766	650697.65	4189862.73	0.22858
650688.21	4189840.06	0.22954	650678.77	4189817.39	0.23041
650669.33	4189794.72	0.23128	650659.90	4189772.05	0.23211
650650.46	4189749.38	0.23295	650641.02	4189726.71	0.23379
650631.58	4189704.04	0.23444	650622.15	4189681.37	0.23486
650612.71	4189658.70	0.23554	650603.27	4189636.03	0.23660
650593.83	4189613.36	0.23719	650584.40	4189590.69	0.23778
650574.96	4189568.02	0.23829	650565.52	4189545.35	0.23862
650556.09	4189522.68	0.23907	650546.65	4189500.01	0.23943
650537.21	4189477.34	0.23990	650527.77	4189454.67	0.24040
650518.34	4189432.00	0.24090	650508.90	4189409.33	0.24144
650499.46	4189386.66	0.24203	650490.02	4189363.99	0.24266
650480.59	4189341.32	0.24333	650471.15	4189318.65	0.24405

650461.71 4189295.98 0.24481 650452.28
4189273.31 0.24559
650442.84 4189250.64 0.24639 650433.40
4189227.97 0.24724
650423.96 4189205.30 0.24797 650414.53
4189182.63 0.24868
650405.09 4189159.96 0.24931 650395.65
4189137.29 0.24982
650386.21 4189114.62 0.25021 650376.78
4189091.95 0.25044
650367.34 4189069.28 0.25050 650357.90
4189046.61 0.25036
650348.47 4189023.94 0.25005 650339.03
4189001.27 0.24956
650329.59 4188978.60 0.24891 650320.15
4188955.93 0.24814
650310.72 4188933.26 0.24727 650301.28
4188910.59 0.24635
650291.84 4188887.92 0.24552 650282.40
4188865.25 0.24453
650272.97 4188842.58 0.24364 650263.53
4188819.91 0.24296
650254.09 4188797.24 0.24248 650244.66
4188774.57 0.24205
650235.22 4188751.90 0.24187 650225.78
4188729.23 0.24192
650216.34 4188706.56 0.24220 650206.91
4188683.89 0.24243
650197.47 4188661.22 0.24289 650188.03
4188638.55 0.24350
650178.59 4188615.88 0.24416 650169.16
4188593.21 0.24499
650159.72 4188570.54 0.24587 650150.28
4188547.87 0.24667
650140.85 4188525.20 0.24737 650131.41
4188502.53 0.24797
650121.97 4188479.86 0.24846 650112.53
4188457.19 0.24876
650103.10 4188434.52 0.24888 650093.66
4188411.85 0.24884
650084.22 4188389.18 0.24869 650074.78
4188366.51 0.24839
650065.35 4188343.84 0.24800 650055.91
4188321.17 0.24722
650046.47 4188298.50 0.24630 650037.03
4188275.83 0.24540
650027.60 4188253.16 0.24426 650018.16
4188230.49 0.24306
650008.72 4188207.82 0.24175 649999.29
4188185.15 0.24035

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         649989.85    4188162.48        0.23886                       649980.41
4188139.81        0.23742
         649970.97    4188117.14        0.23591                       649961.54
4188094.47        0.23416
         649952.10    4188071.80        0.23241                       649942.66
4188049.13        0.23058
         649933.22    4188026.46        0.22869                       649923.79
4188003.79        0.22680
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         649914.35    4187981.12        0.22486                       649904.91
4187958.45        0.22278
         649895.48    4187935.78        0.22077                       649886.04
4187913.11        0.21896
         649876.60    4187890.44        0.21705                       649867.16
4187867.77        0.21508
         649857.73    4187845.10        0.21326                       651107.84
4190834.50        0.19866
         653689.92    4187978.71      232.25993                       653699.03
4187987.00       31.76325
         653712.29    4187988.66      142.18425                       653810.49
4187988.66      110.52728
         653818.36    4187877.61       66.29220                       653694.47
4187874.30       65.96208
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 154
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653690.13	4187328.38	3.14978	653710.13	4187328.38	3.15464
653730.13	4187328.38	3.17464	653750.13	4187328.38	3.20946
653770.13	4187328.38	3.25566	653790.13	4187328.38	3.30830
653810.13	4187328.38	3.36141	653830.13	4187328.38	3.41057
653850.13	4187328.38	3.45334	653870.13	4187328.38	3.48889
653890.13	4187328.38	3.51768	653910.13	4187328.38	3.54004
653930.13	4187328.38	3.55483	653950.13	4187328.38	3.56080
653970.13	4187328.38	3.55549	653990.13	4187328.38	3.53817
654010.13	4187328.38	3.50845	654030.13	4187328.38	3.46729
654050.13	4187328.38	3.41751	654070.13	4187328.38	3.36253
654090.13	4187328.38	3.30594	654110.13	4187328.38	3.25084
654130.13	4187328.38	3.19937	654150.13	4187328.38	3.15254
654170.13	4187328.38	3.11033	654190.13	4187328.38	3.07195
654210.13	4187328.38	3.03619	654230.13	4187328.38	3.00174
654250.13	4187328.38	2.96738	654270.13	4187328.38	2.93214
654290.13	4187328.38	2.89533	654310.13	4187328.38	2.85657
654330.13	4187328.38	2.81573	654350.13	4187328.38	2.77292

654370.13 4187328.38 2.72837 654390.13
4187328.38 2.68240
654410.13 4187328.38 2.63536 654430.13
4187328.38 2.58762
654450.13 4187328.38 2.53946 654470.13
4187328.38 2.49115
654490.13 4187328.38 2.44288 653690.13
4187348.38 3.32099
653710.13 4187348.38 3.32683 653730.13
4187348.38 3.34891
653750.13 4187348.38 3.38737 653770.13
4187348.38 3.43814
653790.13 4187348.38 3.49535 653810.13
4187348.38 3.55248
653830.13 4187348.38 3.60492 653850.13
4187348.38 3.65002
653870.13 4187348.38 3.68727 653890.13
4187348.38 3.71686
653910.13 4187348.38 3.73875 653930.13
4187348.38 3.75192
653950.13 4187348.38 3.75406 653970.13
4187348.38 3.74322
653990.13 4187348.38 3.71833 654010.13
4187348.38 3.68057
654030.13 4187348.38 3.63134 654050.13
4187348.38 3.57448
654070.13 4187348.38 3.51403 654090.13
4187348.38 3.45377
654110.13 4187348.38 3.39661 654130.13
4187348.38 3.34415
654150.13 4187348.38 3.29677 654170.13
4187348.38 3.25384
654190.13 4187348.38 3.21411 654210.13
4187348.38 3.17612
654230.13 4187348.38 3.13848 654250.13
4187348.38 3.10002
654270.13 4187348.38 3.05994 654290.13
4187348.38 3.01775
654310.13 4187348.38 2.97330 654330.13
4187348.38 2.92666
654350.13 4187348.38 2.87810 654370.13
4187348.38 2.82798
654390.13 4187348.38 2.77671 654410.13
4187348.38 2.72466
654430.13 4187348.38 2.67218 654450.13
4187348.38 2.61956

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654470.13	4187348.38	2.56700	654490.13	4187348.38	2.51468
653690.13	4187368.38	3.50751	653710.13	4187368.38	3.51425
653730.13	4187368.38	3.53921	653750.13	4187368.38	3.58182
653770.13	4187368.38	3.63763	653790.13	4187368.38	3.69980
653810.13	4187368.38	3.76147	653830.13	4187368.38	3.81734
653850.13	4187368.38	3.86504	653870.13	4187368.38	3.90389
653890.13	4187368.38	3.93419	653910.13	4187368.38	3.95524
653930.13	4187368.38	3.96541	653950.13	4187368.38	3.96253
653970.13	4187368.38	3.94445	653990.13	4187368.38	3.91114
654010.13	4187368.38	3.86412	654030.13	4187368.38	3.80652
654050.13	4187368.38	3.74270	654070.13	4187368.38	3.67726
654090.13	4187368.38	3.61396	654110.13	4187368.38	3.55520
654130.13	4187368.38	3.50190	654150.13	4187368.38	3.45369
654170.13	4187368.38	3.40935	654190.13	4187368.38	3.36728
654210.13	4187368.38	3.32588	654230.13	4187368.38	3.28379
654250.13	4187368.38	3.24001	654270.13	4187368.38	3.19395

654290.13 4187368.38 3.14542 654310.13
4187368.38 3.09447
654330.13 4187368.38 3.04139 654350.13
4187368.38 2.98660
654370.13 4187368.38 2.93054 654390.13
4187368.38 2.87365
654410.13 4187368.38 2.81630 654430.13
4187368.38 2.75881
654450.13 4187368.38 2.70143 654470.13
4187368.38 2.64435
654490.13 4187368.38 2.58768 653690.13
4187388.38 3.71111
653710.13 4187388.38 3.71921 653730.13
4187388.38 3.74721
653750.13 4187388.38 3.79458 653770.13
4187388.38 3.85609
653790.13 4187388.38 3.92407 653810.13
4187388.38 3.99060
653830.13 4187388.38 4.05019 653850.13
4187388.38 4.10052
653870.13 4187388.38 4.14093 653890.13
4187388.38 4.17147
653910.13 4187388.38 4.19100 653930.13
4187388.38 4.19714
653950.13 4187388.38 4.18743 653970.13
4187388.38 4.16060
653990.13 4187388.38 4.11747 654010.13
4187388.38 4.06049
654030.13 4187388.38 3.99435 654050.13
4187388.38 3.92395
654070.13 4187388.38 3.85417 654090.13
4187388.38 3.78842
654110.13 4187388.38 3.72835 654130.13
4187388.38 3.67402
654150.13 4187388.38 3.62432 654170.13
4187388.38 3.57753
654190.13 4187388.38 3.53180 654210.13
4187388.38 3.48556
654230.13 4187388.38 3.43758 654250.13
4187388.38 3.38716
654270.13 4187388.38 3.33400 654290.13
4187388.38 3.27817
654310.13 4187388.38 3.21998 654330.13
4187388.38 3.15990
654350.13 4187388.38 3.09842 654370.13
4187388.38 3.03604
654390.13 4187388.38 2.97319 654410.13
4187388.38 2.91021

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
                             INCLUDING SOURCE(S):   STCK2   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654430.13	4187388.38	2.84738	654450.13	4187388.38	2.78490
654470.13	4187388.38	2.72293	654490.13	4187388.38	2.66158
653690.13	4187408.38	3.93435	653710.13	4187408.38	3.94388
653730.13	4187408.38	3.97543	653750.13	4187408.38	4.02840
653770.13	4187408.38	4.09639	653790.13	4187408.38	4.17057
653810.13	4187408.38	4.24261	653830.13	4187408.38	4.30623
653850.13	4187408.38	4.35931	653870.13	4187408.38	4.40113
653890.13	4187408.38	4.43134	653910.13	4187408.38	4.44813
653930.13	4187408.38	4.44850	653950.13	4187408.38	4.43034
653970.13	4187408.38	4.39316	653990.13	4187408.38	4.33884
654010.13	4187408.38	4.27143	654030.13	4187408.38	4.19682
654050.13	4187408.38	4.12042	654070.13	4187408.38	4.04701
654090.13	4187408.38	3.97925	654110.13	4187408.38	3.91782
654130.13	4187408.38	3.86184	654150.13	4187408.38	3.80954
654170.13	4187408.38	3.75883	654190.13	4187408.38	3.70782

654210.13 4187408.38 3.65507 654230.13
4187408.38 3.59968
654250.13 4187408.38 3.54127 654270.13
4187408.38 3.47989
654290.13 4187408.38 3.41589 654310.13
4187408.38 3.34979
654330.13 4187408.38 3.28215 654350.13
4187408.38 3.21353
654370.13 4187408.38 3.14442 654390.13
4187408.38 3.07521
654410.13 4187408.38 3.00620 654430.13
4187408.38 2.93762
654450.13 4187408.38 2.86965 654470.13
4187408.38 2.80240
654490.13 4187408.38 2.73599 653690.13
4187428.38 4.17953
653710.13 4187428.38 4.19080 653730.13
4187428.38 4.22682
653750.13 4187428.38 4.28593 653770.13
4187428.38 4.36129
653790.13 4187428.38 4.44294 653810.13
4187428.38 4.52073
653830.13 4187428.38 4.58870 653850.13
4187428.38 4.64462
653870.13 4187428.38 4.68753 653890.13
4187428.38 4.71653
653910.13 4187428.38 4.72894 653930.13
4187428.38 4.72182
653950.13 4187428.38 4.69309 653970.13
4187428.38 4.64365
653990.13 4187428.38 4.57695 654010.13
4187428.38 4.49889
654030.13 4187428.38 4.41635 654050.13
4187428.38 4.33473
654070.13 4187428.38 4.25829 654090.13
4187428.38 4.18864
654110.13 4187428.38 4.12531 654130.13
4187428.38 4.06656
654150.13 4187428.38 4.01004 654170.13
4187428.38 3.95354
654190.13 4187428.38 3.89533 654210.13
4187428.38 3.83426
654230.13 4187428.38 3.76987 654250.13
4187428.38 3.70216
654270.13 4187428.38 3.63152 654290.13
4187428.38 3.55852
654310.13 4187428.38 3.48384 654330.13
4187428.38 3.40811
654350.13 4187428.38 3.33186 654370.13
4187428.38 3.25554

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
INCLUDING SOURCE(S):   STCK2   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654390.13	4187428.38	3.17949	654410.13	4187428.38	3.10397
654430.13	4187428.38	3.02917	654450.13	4187428.38	2.95523
654470.13	4187428.38	2.88229	654490.13	4187428.38	2.81045
653690.13	4187448.38	4.44992	653710.13	4187448.38	4.46345
653730.13	4187448.38	4.50435	653750.13	4187448.38	4.57074
653770.13	4187448.38	4.65476	653790.13	4187448.38	4.74427
653810.13	4187448.38	4.82878	653830.13	4187448.38	4.90143
653850.13	4187448.38	4.96016	653870.13	4187448.38	5.00363
653890.13	4187448.38	5.03034	653910.13	4187448.38	5.03634
653930.13	4187448.38	5.01918	653950.13	4187448.38	4.97768
653970.13	4187448.38	4.91409	653990.13	4187448.38	4.83448
654010.13	4187448.38	4.74577	654030.13	4187448.38	4.65595
654050.13	4187448.38	4.56986	654070.13	4187448.38	4.49072
654090.13	4187448.38	4.41877	654110.13	4187448.38	4.35240

654130.13 4187448.38 4.28908 654150.13
4187448.38 4.22622
654170.13 4187448.38 4.16170 654190.13
4187448.38 4.09414
654210.13 4187448.38 4.02289 654230.13
4187448.38 3.94792
654250.13 4187448.38 3.86965 654270.13
4187448.38 3.78876
654290.13 4187448.38 3.70600 654310.13
4187448.38 3.62209
654330.13 4187448.38 3.53765 654350.13
4187448.38 3.45319
654370.13 4187448.38 3.36909 654390.13
4187448.38 3.28564
654410.13 4187448.38 3.20304 654430.13
4187448.38 3.12149
654450.13 4187448.38 3.04112 654470.13
4187448.38 2.96205
654490.13 4187448.38 2.88442 653690.13
4187468.38 4.74944
653710.13 4187468.38 4.76547 653730.13
4187468.38 4.81186
653750.13 4187468.38 4.88721 653770.13
4187468.38 4.98073
653790.13 4187468.38 5.07954 653810.13
4187468.38 5.17107
653830.13 4187468.38 5.24894 653850.13
4187468.38 5.31009
653870.13 4187468.38 5.35344 653890.13
4187468.38 5.37592
653910.13 4187468.38 5.37330 653930.13
4187468.38 5.34307
653950.13 4187468.38 5.28604 653970.13
4187468.38 5.20709
653990.13 4187468.38 5.11408 654010.13
4187468.38 5.01526
654030.13 4187468.38 4.91878 654050.13
4187468.38 4.82902
654070.13 4187468.38 4.74707 654090.13
4187468.38 4.67170
654110.13 4187468.38 4.60037 654130.13
4187468.38 4.53007
654150.13 4187468.38 4.45826 654170.13
4187468.38 4.38319
654190.13 4187468.38 4.30403 654210.13
4187468.38 4.22070
654230.13 4187468.38 4.13364 654250.13
4187468.38 4.04363
654270.13 4187468.38 3.95154 654290.13
4187468.38 3.85820

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654350.13	4187468.38	3.57713	654370.13	4187468.38	3.48456
654390.13	4187468.38	3.39305	654410.13	4187468.38	3.30279
654430.13	4187468.38	3.21394	654450.13	4187468.38	3.12666
654470.13	4187468.38	3.04107	654490.13	4187468.38	2.95731
653690.13	4187488.38	5.08202	653710.13	4187488.38	5.10108
653730.13	4187488.38	5.15449	653750.13	4187488.38	5.23960
653770.13	4187488.38	5.34459	653790.13	4187488.38	5.45371
653810.13	4187488.38	5.55347	653830.13	4187488.38	5.63659
653850.13	4187488.38	5.69994	653870.13	4187488.38	5.74136
653890.13	4187488.38	5.75675	653910.13	4187488.38	5.74238
653930.13	4187488.38	5.69643	653950.13	4187488.38	5.62158
653970.13	4187488.38	5.52617	653990.13	4187488.38	5.41973
654010.13	4187488.38	5.31189	654030.13	4187488.38	5.20958

654050.13 4187488.38 5.11594 654070.13 4187488.38 5.03004
654090.13 4187488.38 4.94921 654110.13 4187488.38 4.87017
654130.13 4187488.38 4.78985 654150.13 4187488.38 4.70607
654170.13 4187488.38 4.61775 654190.13 4187488.38 4.52471
654210.13 4187488.38 4.42745 654230.13 4187488.38 4.32687
654250.13 4187488.38 4.22396 654270.13 4187488.38 4.11969
654290.13 4187488.38 4.01489 654310.13 4187488.38 3.91021
654330.13 4187488.38 3.80614 654350.13 4187488.38 3.70306
654370.13 4187488.38 3.60126 654390.13 4187488.38 3.50098
654410.13 4187488.38 3.40242 654430.13 4187488.38 3.30574
654450.13 4187488.38 3.21112 654470.13 4187488.38 3.11868
654490.13 4187488.38 3.02854 653690.13 4187508.38 5.45343
653710.13 4187508.38 5.47619 653730.13 4187508.38 5.53739
653750.13 4187508.38 5.63456 653770.13 4187508.38 5.75260
653790.13 4187508.38 5.87344 653810.13 4187508.38 5.98202
653830.13 4187508.38 6.07028 653850.13 4187508.38 6.13527
653870.13 4187508.38 6.17314 653890.13 4187508.38 6.17829
653910.13 4187508.38 6.14833 653930.13 4187508.38 6.08260
653950.13 4187508.38 5.98816 653970.13 4187508.38 5.87518
653990.13 4187508.38 5.75592 654010.13 4187508.38 5.64034
654030.13 4187508.38 5.53247 654050.13 4187508.38 5.43406
654070.13 4187508.38 5.34206 654090.13 4187508.38 5.25269
654110.13 4187508.38 5.16238 654130.13 4187508.38 5.06842
654150.13 4187508.38 4.96941 654170.13 4187508.38 4.86504
654190.13 4187508.38 4.75587 654210.13 4187508.38 4.64293

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654310.13	4187508.38	4.05904	654330.13	4187508.38	3.94377
654350.13	4187508.38	3.83007	654370.13	4187508.38	3.71823
654390.13	4187508.38	3.60848	654410.13	4187508.38	3.50105
654430.13	4187508.38	3.39609	654450.13	4187508.38	3.29378
654470.13	4187508.38	3.19424	654490.13	4187508.38	3.09759
653690.13	4187528.38	5.86914	653710.13	4187528.38	5.89677
653730.13	4187528.38	5.96764	653750.13	4187528.38	6.07882
653770.13	4187528.38	6.21240	653790.13	4187528.38	6.34690
653810.13	4187528.38	6.46451	653830.13	4187528.38	6.55836
653850.13	4187528.38	6.62362	653870.13	4187528.38	6.65444
653890.13	4187528.38	6.64556	653910.13	4187528.38	6.59527
653930.13	4187528.38	6.50622	653950.13	4187528.38	6.39036

653970.13 4187528.38 6.26021 653990.13
4187528.38 6.12956
654010.13 4187528.38 6.00584 654030.13
4187528.38 5.89223
654050.13 4187528.38 5.78685 654070.13
4187528.38 5.68515
654090.13 4187528.38 5.58303 654110.13
4187528.38 5.47712
654130.13 4187528.38 5.36556 654150.13
4187528.38 5.24789
654170.13 4187528.38 5.12472 654190.13
4187528.38 4.99726
654210.13 4187528.38 4.86688 654230.13
4187528.38 4.73490
654250.13 4187528.38 4.60243 654270.13
4187528.38 4.47034
654290.13 4187528.38 4.33930 654310.13
4187528.38 4.20981
654330.13 4187528.38 4.08228 654350.13
4187528.38 3.95704
654370.13 4187528.38 3.83438 654390.13
4187528.38 3.71454
654410.13 4187528.38 3.59773 654430.13
4187528.38 3.48415
654450.13 4187528.38 3.37393 654470.13
4187528.38 3.26718
654490.13 4187528.38 3.16398 653690.13
4187548.38 6.33739
653710.13 4187548.38 6.37026 653730.13
4187548.38 6.45324
653750.13 4187548.38 6.58116 653770.13
4187548.38 6.73262
653790.13 4187548.38 6.88240 653810.13
4187548.38 7.01117
653830.13 4187548.38 7.10980 653850.13
4187548.38 7.17243
653870.13 4187548.38 7.19255 653890.13
4187548.38 7.16433
653910.13 4187548.38 7.08841 653930.13
4187548.38 6.97379
653950.13 4187548.38 6.83483 653970.13
4187548.38 6.68836
653990.13 4187548.38 6.54658 654010.13
4187548.38 6.41488
654030.13 4187548.38 6.29340 654050.13
4187548.38 6.17688
654070.13 4187548.38 6.06069 654090.13
4187548.38 5.94062
654110.13 4187548.38 5.81422 654130.13
4187548.38 5.68083

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654270.13	4187548.38	4.65104	654290.13	4187548.38	4.50488
654310.13	4187548.38	4.36117	654330.13	4187548.38	4.22032
654350.13	4187548.38	4.08266	654370.13	4187548.38	3.94850
654390.13	4187548.38	3.81806	654410.13	4187548.38	3.69157
654430.13	4187548.38	3.56918	654450.13	4187548.38	3.45099
654470.13	4187548.38	3.33706	654490.13	4187548.38	3.22741
653690.13	4187568.38	6.86719	653710.13	4187568.38	6.90702
653730.13	4187568.38	7.00483	653750.13	4187568.38	7.15243
653770.13	4187568.38	7.32586	653790.13	4187568.38	7.49262
653810.13	4187568.38	7.63261	653830.13	4187568.38	7.73526
653850.13	4187568.38	7.79238	653870.13	4187568.38	7.79574

653890.13 4187568.38 7.74174 653910.13
4187568.38 7.63550
653930.13 4187568.38 7.49166 653950.13
4187568.38 7.33019
653970.13 4187568.38 7.16804 653990.13
4187568.38 7.01512
654010.13 4187568.38 6.87399 654030.13
4187568.38 6.73954
654050.13 4187568.38 6.60643 654070.13
4187568.38 6.46943
654090.13 4187568.38 6.32535 654110.13
4187568.38 6.17322
654130.13 4187568.38 6.01373 654150.13
4187568.38 5.84855
654170.13 4187568.38 5.67964 654190.13
4187568.38 5.50886
654210.13 4187568.38 5.33777 654230.13
4187568.38 5.16758
654250.13 4187568.38 4.99919 654270.13
4187568.38 4.83334
654290.13 4187568.38 4.67060 654310.13
4187568.38 4.51147
654330.13 4187568.38 4.35633 654350.13
4187568.38 4.20554
654370.13 4187568.38 4.05938 654390.13
4187568.38 3.91808
654410.13 4187568.38 3.78178 654430.13
4187568.38 3.65058
654450.13 4187568.38 3.52452 654470.13
4187568.38 3.40357
654490.13 4187568.38 3.28768 653690.13
4187588.38 7.47062
653710.13 4187588.38 7.51861 653730.13
4187588.38 7.63366
653750.13 4187588.38 7.80671 653770.13
4187588.38 8.00473
653790.13 4187588.38 8.19129 653810.13
4187588.38 8.34391
653830.13 4187588.38 8.44842 653850.13
4187588.38 8.49429
653870.13 4187588.38 8.47375 653890.13
4187588.38 8.38617
653910.13 4187588.38 8.24469 653930.13
4187588.38 8.07026
653950.13 4187588.38 7.88624 653970.13
4187588.38 7.70903
653990.13 4187588.38 7.54410 654010.13
4187588.38 7.38777
654030.13 4187588.38 7.23416 654050.13
4187588.38 7.07679

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654230.13	4187588.38	5.38966	654250.13	4187588.38	5.20042
654270.13	4187588.38	5.01517	654290.13	4187588.38	4.83448
654310.13	4187588.38	4.65886	654330.13	4187588.38	4.48871
654350.13	4187588.38	4.32434	654370.13	4187588.38	4.16598
654390.13	4187588.38	4.01376	654410.13	4187588.38	3.86775
654430.13	4187588.38	3.72794	654450.13	4187588.38	3.59426
654470.13	4187588.38	3.46658	654490.13	4187588.38	3.34473
653690.13	4187608.38	8.16096	653710.13	4187608.38	8.21993
653730.13	4187608.38	8.35567	653750.13	4187608.38	8.55878
653770.13	4187608.38	8.78793	653790.13	4187608.38	8.99759

653810.13 4187608.38 9.16115 653830.13 4187608.38 9.26430
653850.13 4187608.38 9.29121 653870.13 4187608.38 9.23738
653890.13 4187608.38 9.10949 653910.13 4187608.38 8.92783
653930.13 4187608.38 8.72251 653950.13 4187608.38 8.51722
653970.13 4187608.38 8.32348 653990.13 4187608.38 8.14027
654010.13 4187608.38 7.96157 654030.13 4187608.38 7.77940
654050.13 4187608.38 7.58832 654070.13 4187608.38 7.38630
654090.13 4187608.38 7.17413 654110.13 4187608.38 6.95420
654130.13 4187608.38 6.72945 654150.13 4187608.38 6.50259
654170.13 4187608.38 6.27589 654190.13 4187608.38 6.05111
654210.13 4187608.38 5.82957 654230.13 4187608.38 5.61234
654250.13 4187608.38 5.40028 654270.13 4187608.38 5.19410
654290.13 4187608.38 4.99438 654310.13 4187608.38 4.80157
654330.13 4187608.38 4.61602 654350.13 4187608.38 4.43795
654370.13 4187608.38 4.26746 654390.13 4187608.38 4.10455
654410.13 4187608.38 3.94914 654430.13 4187608.38 3.80107
654450.13 4187608.38 3.66013 654470.13 4187608.38 3.52606
654490.13 4187608.38 3.39858 653690.13 4187628.38 8.96329
653710.13 4187628.38 9.03544 653730.13 4187628.38 9.19617
653750.13 4187628.38 9.43397 653770.13 4187628.38 9.69675
653790.13 4187628.38 9.93259 653810.13 4187628.38 10.10693
653830.13 4187628.38 10.20132 653850.13 4187628.38 10.19979
653870.13 4187628.38 10.10246 653890.13 4187628.38 9.92556
653910.13 4187628.38 9.70193 653930.13 4187628.38 9.46522
653950.13 4187628.38 9.23692 653970.13 4187628.38 9.02119

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653990.13	4187628.38	8.81144	654010.13	4187628.38	8.59881
654030.13	4187628.38	8.37616	654050.13	4187628.38	8.14061
654070.13	4187628.38	7.89297	654090.13	4187628.38	7.63617
654110.13	4187628.38	7.37383	654130.13	4187628.38	7.10932
654150.13	4187628.38	6.84542	654170.13	4187628.38	6.58429
654190.13	4187628.38	6.32760	654210.13	4187628.38	6.07664
654230.13	4187628.38	5.83245	654250.13	4187628.38	5.59590
654270.13	4187628.38	5.36767	654290.13	4187628.38	5.14827
654310.13	4187628.38	4.93802	654330.13	4187628.38	4.73711
654350.13	4187628.38	4.54559	654370.13	4187628.38	4.36334
654390.13	4187628.38	4.19017	654410.13	4187628.38	4.02581
654430.13	4187628.38	3.86992	654450.13	4187628.38	3.72214
654470.13	4187628.38	3.58207	654490.13	4187628.38	3.44928
653690.13	4187648.38	9.89492	653710.13	4187648.38	9.98317

653730.13 4187648.38 10.17923 653750.13
4187648.38 10.46367
653770.13 4187648.38 10.76718 653790.13
4187648.38 11.02738
653810.13 4187648.38 11.20659 653830.13
4187648.38 11.28298
653850.13 4187648.38 11.24067 653870.13
4187648.38 11.08680
653890.13 4187648.38 10.85447 653910.13
4187648.38 10.58766
653930.13 4187648.38 10.31835 653950.13
4187648.38 10.06128
653970.13 4187648.38 9.81352 653990.13
4187648.38 9.56302
654010.13 4187648.38 9.30124 654030.13
4187648.38 9.02412
654050.13 4187648.38 8.73241 654070.13
4187648.38 8.42980
654090.13 4187648.38 8.12080 654110.13
4187648.38 7.80968
654130.13 4187648.38 7.49988 654150.13
4187648.38 7.19409
654170.13 4187648.38 6.89438 654190.13
4187648.38 6.60242
654210.13 4187648.38 6.31947 654230.13
4187648.38 6.04655
654250.13 4187648.38 5.78444 654270.13
4187648.38 5.53367
654290.13 4187648.38 5.29452 654310.13
4187648.38 5.06709
654330.13 4187648.38 4.85127 654350.13
4187648.38 4.64683
654370.13 4187648.38 4.45340 654390.13
4187648.38 4.27056
654410.13 4187648.38 4.09779 654430.13
4187648.38 3.93457
654450.13 4187648.38 3.78036 654470.13
4187648.38 3.63464
654490.13 4187648.38 3.49689 653690.13
4187668.38 10.97834
653710.13 4187668.38 11.08752 653730.13
4187668.38 11.32578
653750.13 4187668.38 11.66817 653770.13
4187668.38 12.02851
653790.13 4187668.38 12.32569 653810.13
4187668.38 12.50472
653830.13 4187668.38 12.53855 653850.13
4187668.38 12.43854
653870.13 4187668.38 12.21595 653890.13
4187668.38 11.92218

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654150.13	4187668.38	7.54311	654170.13	4187668.38	7.20088
654190.13	4187668.38	6.87079	654210.13	4187668.38	6.55404
654230.13	4187668.38	6.25146	654250.13	4187668.38	5.96352
654270.13	4187668.38	5.69042	654290.13	4187668.38	5.43207
654310.13	4187668.38	5.18814	654330.13	4187668.38	4.95817
654350.13	4187668.38	4.74157	654370.13	4187668.38	4.53768
654390.13	4187668.38	4.34578	654410.13	4187668.38	4.16515
654430.13	4187668.38	3.99507	654450.13	4187668.38	3.83486

654470.13 4187668.38 3.68386 654490.13
4187668.38 3.54144
653690.13 4187688.38 12.26613 653710.13
4187688.38 12.39364
653730.13 4187688.38 12.68505 653750.13
4187688.38 13.09823
653770.13 4187688.38 13.52007 653790.13
4187688.38 13.85015
653810.13 4187688.38 14.02565 653830.13
4187688.38 14.01488
653850.13 4187688.38 13.82647 653870.13
4187688.38 13.52425
653890.13 4187688.38 13.16652 653910.13
4187688.38 12.80189
653930.13 4187688.38 12.44529 653950.13
4187688.38 12.08690
653970.13 4187688.38 11.71353 653990.13
4187688.38 11.31761
654010.13 4187688.38 10.89973 654030.13
4187688.38 10.46579
654050.13 4187688.38 10.02337 654070.13
4187688.38 9.57952
654090.13 4187688.38 9.13994 654110.13
4187688.38 8.70900
654130.13 4187688.38 8.29008 654150.13
4187688.38 7.88576
654170.13 4187688.38 7.49795 654190.13
4187688.38 7.12803
654210.13 4187688.38 6.77682 654230.13
4187688.38 6.44468
654250.13 4187688.38 6.13153 654270.13
4187688.38 5.83699
654290.13 4187688.38 5.56042 654310.13
4187688.38 5.30100
654330.13 4187688.38 5.05782 654350.13
4187688.38 4.82990
654370.13 4187688.38 4.61625 654390.13
4187688.38 4.41592
654410.13 4187688.38 4.22796 654430.13
4187688.38 4.05148
654450.13 4187688.38 3.88566 654470.13
4187688.38 3.72972
654490.13 4187688.38 3.58295 653690.13
4187708.38 13.81375
653710.13 4187708.38 13.96809 653730.13
4187708.38 14.31926
653750.13 4187708.38 14.82276 653770.13
4187708.38 15.31562
653790.13 4187708.38 15.67418 653810.13
4187708.38 15.82201

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653830.13	4187708.38	15.74384	653850.13	4187708.38	15.45448
653870.13	4187708.38	15.06181	653890.13	4187708.38	14.63312
653910.13	4187708.38	14.20104	653930.13	4187708.38	13.76487
653950.13	4187708.38	13.31069	653970.13	4187708.38	12.82856
653990.13	4187708.38	12.31882	654010.13	4187708.38	11.78921
654030.13	4187708.38	11.24991	654050.13	4187708.38	10.71025
654070.13	4187708.38	10.17775	654090.13	4187708.38	9.65816
654110.13	4187708.38	9.15585	654130.13	4187708.38	8.67405
654150.13	4187708.38	8.21503	654170.13	4187708.38	7.78023
654190.13	4187708.38	7.37032	654210.13	4187708.38	6.98531
654230.13	4187708.38	6.62474	654250.13	4187708.38	6.28771
654270.13	4187708.38	5.97307	654290.13	4187708.38	5.67954
654310.13	4187708.38	5.40576	654330.13	4187708.38	5.15032
654350.13	4187708.38	4.91189	654370.13	4187708.38	4.68919

654390.13 4187708.38 4.48101 654410.13 4187708.38 4.28622
654430.13 4187708.38 4.10378 654450.13 4187708.38 3.93273
654470.13 4187708.38 3.77220 654490.13 4187708.38 3.62139
653690.13 4187728.38 15.71293 653710.13 4187728.38 15.90656
653730.13 4187728.38 16.33391 653750.13 4187728.38 16.94886
653770.13 4187728.38 17.52591 653790.13 4187728.38 17.89586
653810.13 4187728.38 17.98811 653830.13 4187728.38 17.79998
653850.13 4187728.38 17.39274 653870.13 4187728.38 16.89657
653890.13 4187728.38 16.37334 653910.13 4187728.38 15.83891
653930.13 4187728.38 15.27840 653950.13 4187728.38 14.68258
653970.13 4187728.38 14.05124 653990.13 4187728.38 13.39499
654010.13 4187728.38 12.72781 654030.13 4187728.38 12.06242
654050.13 4187728.38 11.40896 654070.13 4187728.38 10.77509
654090.13 4187728.38 10.16648 654110.13 4187728.38 9.58709
654130.13 4187728.38 9.03950 654150.13 4187728.38 8.52500
654170.13 4187728.38 8.04381 654190.13 4187728.38 7.59530
654210.13 4187728.38 7.17828 654230.13 4187728.38 6.79111
654250.13 4187728.38 6.43192 654270.13 4187728.38 6.09873
654290.13 4187728.38 5.78955 654310.13 4187728.38 5.50249
654330.13 4187728.38 5.23572 654350.13 4187728.38 4.98756
654370.13 4187728.38 4.75645 654390.13 4187728.38 4.54098
654410.13 4187728.38 4.33985 654430.13 4187728.38 4.15188
654450.13 4187728.38 3.97599 654470.13 4187728.38 3.81123
654490.13 4187728.38 3.65668 653690.13 4187748.38 18.07759
653710.13 4187748.38 18.35815 653730.13 4187748.38 18.89817

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         653750.13    4187748.38       19.62823                      653770.13
4187748.38       20.29860
         653790.13    4187748.38       20.64908                      653810.13
4187748.38       20.62806
         653830.13    4187748.38       20.29474                      653850.13
4187748.38       19.72891
         653870.13    4187748.38       19.10268                      653890.13
4187748.38       18.44171
         653910.13    4187748.38       17.74391                      653930.13
4187748.38       16.99476
         653950.13    4187748.38       16.19892                      653970.13
4187748.38       15.37137
         653990.13    4187748.38       14.53186                      654010.13
4187748.38       13.69823
         654030.13    4187748.38       12.88454                      654050.13
4187748.38       12.10114
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                    INCLUDING SOURCE(S):     STCK2       ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654070.13    4187748.38       11.35533                      654090.13
4187748.38       10.65179
         654110.13    4187748.38        9.99312                      654130.13
4187748.38        9.38000
         654150.13    4187748.38        8.81170                      654170.13
4187748.38        8.28652
         654190.13    4187748.38        7.80203                      654210.13
4187748.38        7.35544
         654230.13    4187748.38        6.94382                      654250.13
4187748.38        6.56428
         654270.13    4187748.38        6.21402                      654290.13
4187748.38        5.89043
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654310.13 4187748.38 5.59111 654330.13
4187748.38 5.31386
654350.13 4187748.38 5.05669 654370.13
4187748.38 4.81781
654390.13 4187748.38 4.59561 654410.13
4187748.38 4.38864
654430.13 4187748.38 4.19558 654450.13
4187748.38 4.01524
654470.13 4187748.38 3.84657 654490.13
4187748.38 3.68860
653690.13 4187768.38 21.02758 653710.13
4187768.38 21.45447
653730.13 4187768.38 22.20999 653750.13
4187768.38 23.07765
653770.13 4187768.38 23.82022 653790.13
4187768.38 24.10038
653810.13 4187768.38 23.90930 653830.13
4187768.38 23.34968
653850.13 4187768.38 22.60077 653870.13
4187768.38 21.77684
653890.13 4187768.38 20.89309 653910.13
4187768.38 19.93358
653930.13 4187768.38 18.90939 653950.13
4187768.38 17.84408
653970.13 4187768.38 16.76669 653990.13
4187768.38 15.70311
654010.13 4187768.38 14.67313 654030.13
4187768.38 13.69088
654050.13 4187768.38 12.76559 654070.13
4187768.38 11.90245
654090.13 4187768.38 11.10320 654110.13
4187768.38 10.36719
654130.13 4187768.38 9.69183 654150.13
4187768.38 9.07346
654170.13 4187768.38 8.50780 654190.13
4187768.38 7.99038
654210.13 4187768.38 7.51676 654230.13
4187768.38 7.08279
654250.13 4187768.38 6.68460 654270.13
4187768.38 6.31867
654290.13 4187768.38 5.98183 654310.13
4187768.38 5.67122
654330.13 4187768.38 5.38432 654350.13
4187768.38 5.11887
654370.13 4187768.38 4.87286 654390.13
4187768.38 4.64449
654410.13 4187768.38 4.43217 654430.13
4187768.38 4.23446
654450.13 4187768.38 4.05005 654470.13
4187768.38 3.87782

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         654490.13    4187768.38        3.71672                      653690.13
4187788.38       24.80821
         653710.13    4187788.38       25.43135                      653730.13
4187788.38       26.52497
         653750.13    4187788.38       27.63652                      653770.13
4187788.38       28.36092
         653790.13    4187788.38       28.48577                      653810.13
4187788.38       28.04378
         653830.13    4187788.38       27.17045                      653850.13
4187788.38       26.14602
         653870.13    4187788.38       25.00633                      653890.13
4187788.38       23.75364
         653910.13    4187788.38       22.40297                      653930.13
4187788.38       20.99770
         653950.13    4187788.38       19.58266                      653970.13
4187788.38       18.19670
         653990.13    4187788.38       16.86857                      654010.13
4187788.38       15.61730
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         654030.13    4187788.38       14.45401                      654050.13
4187788.38       13.38318
         654070.13    4187788.38       12.40448                      654090.13
4187788.38       11.51403
         654110.13    4187788.38       10.70605                      654130.13
4187788.38        9.97367
         654150.13    4187788.38        9.30978                      654170.13
4187788.38        8.70736
         654190.13    4187788.38        8.16003                      654210.13
4187788.38        7.66183
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654230.13 4187788.38 7.20744 654250.13
4187788.38 6.79220
654270.13 4187788.38 6.41191 654290.13
4187788.38 6.06293
654310.13 4187788.38 5.74201 654330.13
4187788.38 5.44633
654350.13 4187788.38 5.17335 654370.13
4187788.38 4.92087
654390.13 4187788.38 4.68692 654410.13
4187788.38 4.46976
654430.13 4187788.38 4.26783 654450.13
4187788.38 4.07976
654470.13 4187788.38 3.90430 654490.13
4187788.38 3.74035
653690.13 4187808.38 29.82156 653710.13
4187808.38 30.66503
653730.13 4187808.38 32.24582 653750.13
4187808.38 33.75122
653770.13 4187808.38 34.45295 653790.13
4187808.38 34.26295
653810.13 4187808.38 33.33378 653830.13
4187808.38 32.01100
653850.13 4187808.38 30.52802 653870.13
4187808.38 28.85552
653890.13 4187808.38 27.02051 653910.13
4187808.38 25.11162
653930.13 4187808.38 23.20141 653950.13
4187808.38 21.35068
653970.13 4187808.38 19.60171 653990.13
4187808.38 17.97957
654010.13 4187808.38 16.49589 654030.13
4187808.38 15.15165
654050.13 4187808.38 13.94135 654070.13
4187808.38 12.85512
654090.13 4187808.38 11.88151 654110.13
4187808.38 11.00855
654130.13 4187808.38 10.22481 654150.13
4187808.38 9.51982
654170.13 4187808.38 8.88424 654190.13
4187808.38 8.30976
654210.13 4187808.38 7.78921 654230.13
4187808.38 7.31631
654250.13 4187808.38 6.88558 654270.13
4187808.38 6.49232
654290.13 4187808.38 6.13240 654310.13
4187808.38 5.80222
654330.13 4187808.38 5.49866 654350.13
4187808.38 5.21896
654370.13 4187808.38 4.96071 654390.13
4187808.38 4.72180

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         654410.13    4187808.38        4.50034                      654430.13
4187808.38        4.29468
         654450.13    4187808.38        4.10335                      654470.13
4187808.38        3.92503
         654490.13    4187808.38        3.75857                      653690.13
4187828.38       36.57111
         653710.13    4187828.38       37.90397                      653730.13
4187828.38       40.13157
         653750.13    4187828.38       42.21943                      653770.13
4187828.38       42.81482
         653790.13    4187828.38       41.94998                      653810.13
4187828.38       40.24675
         653830.13    4187828.38       38.21148                      653850.13
4187828.38       35.88339
         653870.13    4187828.38       33.31358                      653890.13
4187828.38       30.62540
         653910.13    4187828.38       27.96049                      653930.13
4187828.38       25.41758
         653950.13    4187828.38       23.05880                      653970.13
4187828.38       20.91485
♠ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                   INCLUDING SOURCE(S):     STCK2       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653990.13    4187828.38       18.99262                      654010.13
4187828.38       17.28372
         654030.13    4187828.38       15.77110                      654050.13
4187828.38       14.43411
         654070.13    4187828.38       13.25156                      654090.13
4187828.38       12.20374
         654110.13    4187828.38       11.27268                      654130.13
4187828.38       10.44293
```

654150.13 4187828.38 9.70109 654170.13
4187828.38 9.03565
654190.13 4187828.38 8.43684 654210.13
4187828.38 7.89630
654230.13 4187828.38 7.40687 654250.13
4187828.38 6.96245
654270.13 4187828.38 6.55776 654290.13
4187828.38 6.18823
654310.13 4187828.38 5.84999 654330.13
4187828.38 5.53959
654350.13 4187828.38 5.25408 654370.13
4187828.38 4.99087
654390.13 4187828.38 4.74769 654410.13
4187828.38 4.52257
654430.13 4187828.38 4.31374 654450.13
4187828.38 4.11965
654470.13 4187828.38 3.93893 654490.13
4187828.38 3.77038
653690.13 4187848.38 46.00454 653710.13
4187848.38 48.14850
653730.13 4187848.38 51.59447 653750.13
4187848.38 54.23936
653770.13 4187848.38 54.30440 653790.13
4187848.38 52.34893
653810.13 4187848.38 49.41686 653830.13
4187848.38 46.01263
653850.13 4187848.38 42.22234 653870.13
4187848.38 38.26273
653890.13 4187848.38 34.39257 653910.13
4187848.38 30.77890
653930.13 4187848.38 27.51063 653950.13
4187848.38 24.61567
653970.13 4187848.38 22.08284 653990.13
4187848.38 19.88011
654010.13 4187848.38 17.96773 654030.13
4187848.38 16.30561
654050.13 4187848.38 14.85684 654070.13
4187848.38 13.58926
654090.13 4187848.38 12.47568 654110.13
4187848.38 11.49329
654130.13 4187848.38 10.62287 654150.13
4187848.38 9.84852
654170.13 4187848.38 9.15698 654190.13
4187848.38 8.53703
654210.13 4187848.38 7.97927 654230.13
4187848.38 7.47576
654250.13 4187848.38 7.01973 654270.13
4187848.38 6.60544
654290.13 4187848.38 6.22795 654310.13
4187848.38 5.88304

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653950.13	4187868.38	25.95715	653970.13	4187868.38	23.07444
653990.13	4187868.38	20.62564	654010.13	4187868.38	18.53652
654030.13	4187868.38	16.74461	654050.13	4187868.38	15.19887

654070.13 4187868.38 13.85774 654090.13
4187868.38 12.68760
654110.13 4187868.38 11.66132 654130.13
4187868.38 10.75656
654150.13 4187868.38 9.95519 654170.13
4187868.38 9.24216
654190.13 4187868.38 8.60510 654210.13
4187868.38 8.03360
654230.13 4187868.38 7.51902 654250.13
4187868.38 7.05400
654270.13 4187868.38 6.63239 654290.13
4187868.38 6.24890
654310.13 4187868.38 5.89907 654330.13
4187868.38 5.57901
654350.13 4187868.38 5.28544 654370.13
4187868.38 5.01546
654390.13 4187868.38 4.76659 654410.13
4187868.38 4.53666
654430.13 4187868.38 4.32377 654450.13
4187868.38 4.12623
654470.13 4187868.38 3.94260 654490.13
4187868.38 3.77157
653690.13 4187888.38 80.93964 653830.13
4187888.38 66.01134
653850.13 4187888.38 56.41994 653870.13
4187888.38 48.13424
653890.13 4187888.38 41.22139 653910.13
4187888.38 35.53768
653930.13 4187888.38 30.87696 653950.13
4187888.38 27.04069
653970.13 4187888.38 23.86106 653990.13
4187888.38 21.20463
654010.13 4187888.38 18.96692 654030.13
4187888.38 17.06695
654050.13 4187888.38 15.44143 654070.13
4187888.38 14.04072
654090.13 4187888.38 12.82582 654110.13
4187888.38 11.76554
654130.13 4187888.38 10.83481 654150.13
4187888.38 10.01347
654170.13 4187888.38 9.28503 654190.13
4187888.38 8.63597
654210.13 4187888.38 8.05509 654230.13
4187888.38 7.53317
654250.13 4187888.38 7.06241 654270.13
4187888.38 6.63626
654290.13 4187888.38 6.24921 654310.13
4187888.38 5.89656
654330.13 4187888.38 5.57431 654350.13
4187888.38 5.27900

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         654370.13    4187888.38        5.00768                       654390.13
4187888.38        4.75778
         654410.13    4187888.38        4.52707                       654430.13
4187888.38        4.31360
         654450.13    4187888.38        4.11565                       654470.13
4187888.38        3.93174
         654490.13    4187888.38        3.76054                       653690.13
4187908.38      115.79372
         653830.13    4187908.38       76.28702                       653850.13
4187908.38       62.69478
         653870.13    4187908.38       52.04279                       653890.13
4187908.38       43.72871
         653910.13    4187908.38       37.19227                       653930.13
4187908.38       31.99361
         653950.13    4187908.38       27.80603                       653970.13
4187908.38       24.39087
         653990.13    4187908.38       21.57311                       654010.13
4187908.38       19.22325
         654030.13    4187908.38       17.24422                       654050.13
4187908.38       15.56243
         654070.13    4187908.38       14.12149                       654090.13
4187908.38       12.87756
         654110.13    4187908.38       11.79629                       654130.13
4187908.38       10.85028
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654150.13    4187908.38       10.01784                       654170.13
4187908.38        9.28134
         654190.13    4187908.38        8.62643                       654210.13
4187908.38        8.04142
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654230.13 4187908.38 7.51652 654250.13
4187908.38 7.04373
654270.13 4187908.38 6.61625 654290.13
4187908.38 6.22837
654310.13 4187908.38 5.87530 654330.13
4187908.38 5.55290
654350.13 4187908.38 5.25766 654370.13
4187908.38 4.98657
654390.13 4187908.38 4.73702 654410.13
4187908.38 4.50675
654430.13 4187908.38 4.29377 654450.13
4187908.38 4.09635
654470.13 4187908.38 3.91300 654490.13
4187908.38 3.74237
653690.13 4187928.38 177.30381 653830.13
4187928.38 84.44203
653850.13 4187928.38 67.26937 653870.13
4187928.38 54.71078
653890.13 4187928.38 45.32796 653910.13
4187928.38 38.16487
653930.13 4187928.38 32.58620 653950.13
4187928.38 28.16249
653970.13 4187928.38 24.59794 653990.13
4187928.38 21.68450
654010.13 4187928.38 19.27303 654030.13
4187928.38 17.25431
654050.13 4187928.38 15.54715 654070.13
4187928.38 14.09012
654090.13 4187928.38 12.83645 654110.13
4187928.38 11.74940
654130.13 4187928.38 10.80050 654150.13
4187928.38 9.96694
654170.13 4187928.38 9.23060 654190.13
4187928.38 8.57661
654210.13 4187928.38 7.99301 654230.13
4187928.38 7.46986
654250.13 4187928.38 6.99898 654270.13
4187928.38 6.57348
654290.13 4187928.38 6.18760 654310.13
4187928.38 5.83650
654330.13 4187928.38 5.51603 654350.13
4187928.38 5.22266
654370.13 4187928.38 4.95335 654390.13
4187928.38 4.70549
654410.13 4187928.38 4.47682 654430.13
4187928.38 4.26536
654450.13 4187928.38 4.06937 654470.13
4187928.38 3.88737
654490.13 4187928.38 3.71801 653690.13
4187948.38 284.14151

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4187948.38       69.36638
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4187948.38       45.72751
         653910.13    4187948.38       38.27141                       653930.13
4187948.38       32.54169
         653950.13    4187948.38       28.04221                       653970.13
4187948.38       24.44298
         653990.13    4187948.38       21.51717                       654010.13
4187948.38       19.10522
         654030.13    4187948.38       17.09236                       654050.13
4187948.38       15.39414
         654070.13    4187948.38       13.94747                       654090.13
4187948.38       12.70421
         654110.13    4187948.38       11.62743                       654130.13
4187948.38       10.68824
         654150.13    4187948.38        9.86376                       654170.13
4187948.38        9.13565
         654190.13    4187948.38        8.48926                       654210.13
4187948.38        7.91255
         654230.13    4187948.38        7.39566                       654250.13
4187948.38        6.93043
         654270.13    4187948.38        6.51008                       654290.13
4187948.38        6.12888
         654310.13    4187948.38        5.78203                       654330.13
4187948.38        5.46541
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         654350.13    4187948.38        5.17555                       654370.13
4187948.38        4.90944
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654390.13 4187948.38 4.66450 654410.13
4187948.38 4.43850
654430.13 4187948.38 4.22947 654450.13
4187948.38 4.03573
654470.13 4187948.38 3.85578 654490.13
4187948.38 3.68832
653690.13 4187968.38 302.47645 653830.13
4187968.38 88.03980
653850.13 4187968.38 68.24839 653870.13
4187968.38 54.58827
653890.13 4187968.38 44.75530 653910.13
4187968.38 37.43382
653930.13 4187968.38 31.82810 653950.13
4187968.38 27.43608
653970.13 4187968.38 23.92698 653990.13
4187968.38 21.07605
654010.13 4187968.38 18.72616 654030.13
4187968.38 16.76481
654050.13 4187968.38 15.10958 654070.13
4187968.38 13.69881
654090.13 4187968.38 12.48582 654110.13
4187968.38 11.43470
654130.13 4187968.38 10.51731 654150.13
4187968.38 9.71146
654170.13 4187968.38 8.99940 654190.13
4187968.38 8.36689
654210.13 4187968.38 7.80223 654230.13
4187968.38 7.29585
654250.13 4187968.38 6.83986 654270.13
4187968.38 6.42760
654290.13 4187968.38 6.05357 654310.13
4187968.38 5.71306
654330.13 4187968.38 5.40209 654350.13
4187968.38 5.11727
654370.13 4187968.38 4.85567 654390.13
4187968.38 4.61479
654410.13 4187968.38 4.39243 654430.13
4187968.38 4.18670
654450.13 4187968.38 3.99595 654470.13
4187968.38 3.81870
654490.13 4187968.38 3.65371 653690.13
4187988.38 206.36061
653830.13 4187988.38 81.23236 653850.13
4187988.38 63.64986
653870.13 4187988.38 51.33839 653890.13
4187988.38 42.37386
653910.13 4187988.38 35.63678 653930.13
4187988.38 30.43887
653950.13 4187988.38 26.33990 653970.13
4187988.38 23.04667

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         653990.13    4187988.38       20.35827                       654010.13
4187988.38       18.13321
         654030.13    4187988.38       16.26933                       654050.13
4187988.38       14.69122
         654070.13    4187988.38       13.34231                       654090.13
4187988.38       12.17951
         654110.13    4187988.38       11.16952                       654130.13
4187988.38       10.28621
         654150.13    4187988.38        9.50881                       654170.13
4187988.38        8.82072
         654190.13    4187988.38        8.20850                       654210.13
4187988.38        7.66113
         654230.13    4187988.38        7.16962                       654250.13
4187988.38        6.72645
         654270.13    4187988.38        6.32534                       654290.13
4187988.38        5.96102
         654310.13    4187988.38        5.62902                       654330.13
4187988.38        5.32554
         654350.13    4187988.38        5.04734                       654370.13
4187988.38        4.79160
         654390.13    4187988.38        4.55594                       654410.13
4187988.38        4.33826
         654430.13    4187988.38        4.13670                       654450.13
4187988.38        3.94970
         654470.13    4187988.38        3.77584                       654490.13
4187988.38        3.61390
         653655.14    4187974.84      219.88905                       653791.22
4188024.71       81.05976
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         653827.99    4188054.29       38.50648                    653851.66
4188036.97       41.16024
         653905.33    4188036.12       28.58995                    653749.81
4188104.17       29.80225
         653938.30    4188029.78       24.13013                    653988.59
4188027.67       18.21954
         654041.42    4188038.23       13.49977                    653989.86
4188051.76       16.22672
         653634.01    4187869.18       42.52493                    653624.71
4187963.01      107.77590
         653582.87    4187962.16       59.85619                    653701.20
4188100.78       36.28605
         654582.91    4187495.31        2.65894                    654554.33
4187451.49        2.65474
         654607.68    4187449.58        2.46428                    654492.60
4186914.23        1.31456
         654507.05    4186910.79        1.30212                    654509.12
4186964.47        1.40267
         653809.30    4186919.71        1.42888                    654342.28
4186818.67        1.26338
         655092.49    4187197.56        1.20813                    654238.71
4186303.37        0.72200
         655153.11    4188271.10        1.08781                    653689.06
4188008.65      341.90209
         653683.67    4188032.40      164.17316                    653706.08
4188038.27      114.85313
         653679.42    4188056.68       88.33723                    653658.84
4188047.21      117.60634
         653702.97    4188063.08       67.32197                    653675.63
4188081.17       54.72721
         653653.68    4188071.07       71.68535                    653699.87
4188087.89       44.10521
         653668.64    4188130.42       27.17869                    653645.12
4188119.60       33.63262
         653621.60    4188108.77       39.63310                    653693.66
4188137.50       23.38898
         653663.21    4188180.40       16.29427                    653641.26
4188170.29       18.95604
         653619.30    4188160.19       21.94044                    653597.35
4188150.08       24.55925
         653575.40    4188139.97       25.99936                    653687.45
4188187.11       14.66143
         653656.54    4188229.80       11.04911                    653633.67
4188219.27       12.52318
         653610.81    4188208.75       14.23293                    653587.94
4188198.22       15.92226
         653565.07    4188187.69       17.29563                    653542.20
4188177.17       18.01487
         653681.24    4188236.72       10.14720                    653650.00
4188279.26        8.04452
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         653626.48    4188268.43        8.94322                      653602.96
4188257.61       10.00334
         653579.44    4188246.78       11.10521                      653555.92
4188235.95       12.12254
         653532.40    4188225.12       12.91834                      653508.88
4188214.30       13.32395
         653675.02    4188286.34        7.49379                      653643.55
4188328.76        6.14401
         653619.54    4188317.71        6.73111                      653595.53
4188306.66        7.43335
         653571.52    4188295.60        8.18600                      653547.50
4188284.55        8.91669
         653523.49    4188273.50        9.56843                      653499.48
4188262.44       10.06662
         653475.47    4188251.39       10.30944                      653668.81
4188335.95        5.78457
         653631.37    4188428.10        3.96079                      653607.85
4188417.27        4.23243
         653584.33    4188406.45        4.55726                      653560.81
4188395.62        4.92045
         653537.29    4188384.79        5.29704                      653513.77
4188373.96        5.66544
         653490.25    4188363.13        6.01097                      653466.73
4188352.31        6.32019
         653443.21    4188341.48        6.56908                      653419.68
4188330.65        6.72398
         653656.39    4188435.17        3.79024                      653618.64
4188527.18        2.80333
         653594.49    4188516.07        2.95621                      653570.34
4188504.95        3.13985
1 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
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         653485.79    4188780.86        1.54684                     653461.87
4188769.85        1.61401
         653437.95    4188758.83        1.68370                     653414.02
4188747.82        1.75392
         653390.10    4188736.81        1.82344                     653366.18
4188725.80        1.89113
         653342.25    4188714.78        1.95655                     653318.33
4188703.77        2.02004
         653294.41    4188692.76        2.08115                     653270.49
4188681.74        2.14019
         653246.56    4188670.73        2.19616                     653222.64
4188659.72        2.24780
         653198.72    4188648.71        2.29219                     653174.79
4188637.69        2.32653
         653150.87    4188626.68        2.34751                     653606.70
4188832.08        1.31182
         653550.32    4189072.92        0.86768                     653526.17
4189061.81        0.88699
         653502.02    4189050.69        0.90928                     653477.87
4189039.57        0.93489
         653453.72    4189028.46        0.96387                     653429.58
4189017.34        0.99568
         653405.43    4189006.22        1.02957                     653381.28
4188995.11        1.06466
         653357.13    4188983.99        1.10039                     653332.98
4188972.87        1.13623
         653308.84    4188961.76        1.17175                     653284.69
4188950.64        1.20668
         653260.54    4188939.53        1.24069                     653236.39
4188928.41        1.27356
         653212.24    4188917.29        1.30525                     653188.10
4188906.18        1.33586
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653163.95	4188895.06	1.36589	653139.80	4188883.94	1.39538
653115.65	4188872.83	1.42424	653091.50	4188861.71	1.45189
653067.36	4188850.59	1.47762	653043.21	4188839.48	1.50022
653019.06	4188828.36	1.51843	652994.91	4188817.24	1.53112
652970.76	4188806.13	1.53726	653575.65	4189080.14	0.85541
653519.38	4189321.04	0.61623	653495.48	4189310.04	0.62648
653471.58	4189299.04	0.63813	653447.68	4189288.04	0.65146
653423.78	4189277.03	0.66662	653399.88	4189266.03	0.68344
653375.98	4189255.03	0.70169	653352.08	4189244.03	0.72096
653328.18	4189233.02	0.74090	653304.28	4189222.02	0.76120
653280.38	4189211.02	0.78166	653256.48	4189200.02	0.80217
653232.58	4189189.02	0.82264	653208.68	4189178.01	0.84295
653184.78	4189167.01	0.86289	653160.88	4189156.01	0.88233
653136.98	4189145.01	0.90121	653113.08	4189134.00	0.91942
653089.18	4189123.00	0.93709	653065.28	4189112.00	0.95427
653041.38	4189101.00	0.97116	653017.48	4189089.99	0.98797
652993.58	4189078.99	1.00467	652969.68	4189067.99	1.02117
652945.78	4189056.99	1.03719	652921.88	4189045.99	1.05236
652897.98	4189034.98	1.06620	652874.08	4189023.98	1.07804
652850.18	4189012.98	1.08754	652826.28	4189001.98	1.09408
652802.38	4188990.97	1.09746	653544.59	4189328.20	0.60980
653488.25	4189569.07	0.46484	653464.19	4189558.00	0.47095
653440.14	4189546.92	0.47786	653416.08	4189535.85	0.48573

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         653392.02    4189524.77        0.49471                      653367.96
4189513.70        0.50476
         653343.90    4189502.62        0.51580                      653319.85
4189491.55        0.52760
         653295.79    4189480.47        0.53998                      653271.73
4189469.40        0.55269
         653247.67    4189458.32        0.56560                      653223.62
4189447.25        0.57860
         653199.56    4189436.17        0.59168                      653175.50
4189425.10        0.60479
         653151.44    4189414.02        0.61796                      653127.38
4189402.95        0.63111
         653103.33    4189391.87        0.64413                      653079.27
4189380.80        0.65693
         653055.21    4189369.72        0.66938                      653031.15
4189358.65        0.68138
         653007.10    4189347.57        0.69292                      652983.04
4189336.50        0.70406
         652958.98    4189325.42        0.71488                      652934.92
4189314.35        0.72553
         652910.86    4189303.27        0.73609                      652886.81
4189292.20        0.74670
         652862.75    4189281.12        0.75734                      652838.69
4189270.05        0.76795
         652814.63    4189258.97        0.77851                      652790.58
4189247.90        0.78874
         652766.52    4189236.82        0.79845                      652742.46
4189225.75        0.80735
         652718.40    4189214.67        0.81519                      652694.35
4189203.60        0.82167
         652670.29    4189192.52        0.82656                      652646.23
4189181.45        0.82963
         653513.54    4189576.27        0.46108                      653457.14
4189817.11        0.36572
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653432.96	4189805.98	0.36963	653408.79	4189794.85	0.37402
653384.62	4189783.72	0.37902	653360.44	4189772.59	0.38472
653336.27	4189761.47	0.39115	653312.09	4189750.34	0.39827
653287.92	4189739.21	0.40598	653263.75	4189728.08	0.41415
653239.57	4189716.95	0.42265	653215.40	4189705.82	0.43133
653191.22	4189694.69	0.44009	653167.05	4189683.57	0.44888
653142.87	4189672.44	0.45770	653118.70	4189661.31	0.46656
653094.53	4189650.18	0.47547	653070.35	4189639.05	0.48445
653046.18	4189627.92	0.49348	653022.00	4189616.80	0.50248
652997.83	4189605.67	0.51140	652973.66	4189594.54	0.52012
652949.48	4189583.41	0.52858	652925.31	4189572.28	0.53672
652901.13	4189561.15	0.54451	652876.96	4189550.02	0.55203
652852.79	4189538.90	0.55930	652828.61	4189527.77	0.56643
652804.44	4189516.64	0.57356	652780.26	4189505.51	0.58068
652756.09	4189494.38	0.58790	652731.91	4189483.25	0.59518
652707.74	4189472.13	0.60252	652683.57	4189461.00	0.60984
652659.39	4189449.87	0.61707	652635.22	4189438.74	0.62407
652611.04	4189427.61	0.63072	652586.87	4189416.48	0.63686
652562.70	4189405.36	0.64234	652538.52	4189394.23	0.64701
652514.35	4189383.10	0.65072	652490.17	4189371.97	0.65334
652466.00	4189360.84	0.65476	653482.48	4189824.33	0.36340
653395.06	4190313.25	0.24693	653370.96	4190302.15	0.24873

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         653346.85    4190291.06        0.25073                      653322.74
4190279.96        0.25301
         653298.63    4190268.86        0.25563                      653274.53
4190257.76        0.25860
         653250.42    4190246.67        0.26193                      653226.31
4190235.57        0.26563
         653202.21    4190224.47        0.26963                      653178.10
4190213.37        0.27388
         653153.99    4190202.27        0.27832                      653129.89
4190191.18        0.28288
         653105.78    4190180.08        0.28749                      653081.67
4190168.98        0.29211
         653057.56    4190157.88        0.29671                      653033.46
4190146.79        0.30126
         653009.35    4190135.69        0.30579                      652985.24
4190124.59        0.31032
         652961.14    4190113.49        0.31488                      652937.03
4190102.40        0.31949
         652912.92    4190091.30        0.32420                      652888.82
4190080.20        0.32897
         652864.71    4190069.10        0.33382                      652840.60
4190058.01        0.33867
         652816.50    4190046.91        0.34350                      652792.39
4190035.81        0.34826
         652768.28    4190024.71        0.35291                      652744.17
4190013.62        0.35739
         652720.07    4190002.52        0.36171                      652695.96
4189991.42        0.36584
         652671.85    4189980.32        0.36979                      652647.75
4189969.23        0.37361
         652623.64    4189958.13        0.37732                      652599.53
4189947.03        0.38097
         652575.43    4189935.93        0.38460                      652551.32
4189924.84        0.38824
         652527.21    4189913.74        0.39193                      652503.11
4189902.64        0.39568
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                   INCLUDING SOURCE(S):     STCK2       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652479.00	4189891.54	0.39948	652454.89	4189880.45	0.40335
652430.78	4189869.35	0.40726	652406.68	4189858.25	0.41118
652382.57	4189847.15	0.41510	652358.46	4189836.06	0.41896
652334.36	4189824.96	0.42272	652310.25	4189813.86	0.42634
652286.14	4189802.76	0.42976	652262.04	4189791.67	0.43291
652237.93	4189780.57	0.43576	652213.82	4189769.47	0.43822
652189.72	4189758.37	0.44026	652165.61	4189747.28	0.44180
652141.50	4189736.18	0.44282	653420.38	4190320.46	0.24595
653332.88	4190809.34	0.18034	653308.63	4190798.18	0.18128
653284.38	4190787.02	0.18233	653260.13	4190775.85	0.18353
653235.88	4190764.69	0.18490	653211.63	4190753.53	0.18646
653187.38	4190742.36	0.18824	653163.13	4190731.20	0.19023
653138.88	4190720.04	0.19242	653114.63	4190708.87	0.19479
653090.38	4190697.71	0.19731	653066.13	4190686.55	0.19995
653041.88	4190675.38	0.20271	653017.63	4190664.22	0.20551
652993.38	4190653.06	0.20833	652969.13	4190641.89	0.21113
652944.88	4190630.73	0.21391	652920.63	4190619.57	0.21664
652896.38	4190608.40	0.21934	652872.13	4190597.24	0.22202
652847.88	4190586.08	0.22469	652823.63	4190574.91	0.22738
652799.38	4190563.75	0.23009	652775.13	4190552.59	0.23285
652750.88	4190541.42	0.23567	652726.63	4190530.26	0.23857

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         652702.38    4190519.10        0.24152                        652678.13
4190507.93        0.24452
         652653.88    4190496.77        0.24754                        652629.63
4190485.61        0.25055
         652605.38    4190474.44        0.25352                        652581.13
4190463.28        0.25641
         652556.88    4190452.12        0.25921                        652532.63
4190440.95        0.26191
         652508.38    4190429.79        0.26448                        652484.13
4190418.63        0.26694
         652459.88    4190407.46        0.26929                        652435.63
4190396.30        0.27155
         652411.38    4190385.14        0.27374                        652387.13
4190373.97        0.27589
         652362.88    4190362.81        0.27801                        652338.63
4190351.64        0.28013
         652314.38    4190340.48        0.28226                        652290.13
4190329.32        0.28442
         652265.88    4190318.15        0.28662                        652241.63
4190306.99        0.28886
         652217.38    4190295.83        0.29114                        652193.13
4190284.66        0.29346
         652168.88    4190273.50        0.29581                        652144.63
4190262.34        0.29818
         652120.38    4190251.17        0.30057                        652096.13
4190240.01        0.30296
         652071.88    4190228.85        0.30532                        652047.63
4190217.68        0.30765
         652023.38    4190206.52        0.30992                        651999.13
4190195.36        0.31211
         651974.88    4190184.19        0.31420                        651950.63
4190173.03        0.31616
         651926.38    4190161.87        0.31796                        651902.13
4190150.70        0.31957
         651877.88    4190139.54        0.32097                        651853.63
4190128.38        0.32213
         651829.38    4190117.21        0.32302                        651805.13
4190106.05        0.32362
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                  *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653358.27	4190816.59	0.17988	653270.80	4191305.49	0.13881
653246.61	4191294.35	0.13935	653222.42	4191283.21	0.13994
653198.23	4191272.08	0.14062	653174.04	4191260.94	0.14140
653149.84	4191249.80	0.14230	653125.65	4191238.67	0.14333
653101.46	4191227.53	0.14449	653077.27	4191216.39	0.14579
653053.08	4191205.26	0.14721	653028.89	4191194.12	0.14876
653004.70	4191182.99	0.15041	652980.51	4191171.85	0.15215
652956.31	4191160.71	0.15395	652932.12	4191149.58	0.15579
652907.93	4191138.44	0.15765	652883.74	4191127.30	0.15951
652859.55	4191116.17	0.16136	652835.36	4191105.03	0.16317
652811.17	4191093.89	0.16495	652786.98	4191082.76	0.16669
652762.78	4191071.62	0.16840	652738.59	4191060.49	0.17008
652714.40	4191049.35	0.17175	652690.21	4191038.21	0.17342
652666.02	4191027.08	0.17511	652641.83	4191015.94	0.17683
652617.64	4191004.80	0.17860	652593.44	4190993.67	0.18041
652569.25	4190982.53	0.18227	652545.06	4190971.40	0.18419
652520.87	4190960.26	0.18615	652496.68	4190949.12	0.18815
652472.49	4190937.99	0.19016	652448.30	4190926.85	0.19218
652424.11	4190915.71	0.19417	652399.91	4190904.58	0.19612
652375.72	4190893.44	0.19802	652351.53	4190882.30	0.19985

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         652327.34    4190871.17        0.20160                      652303.15
4190860.03        0.20328
         652278.96    4190848.90        0.20488                      652254.77
4190837.76        0.20640
         652230.58    4190826.62        0.20787                      652206.38
4190815.49        0.20928
         652182.19    4190804.35        0.21065                      652158.00
4190793.21        0.21200
         652133.81    4190782.08        0.21334                      652109.62
4190770.94        0.21468
         652085.43    4190759.80        0.21602                      652061.24
4190748.67        0.21739
         652037.04    4190737.53        0.21877                      652012.85
4190726.40        0.22018
         651988.66    4190715.26        0.22162                      651964.47
4190704.12        0.22309
         651940.28    4190692.99        0.22457                      651916.09
4190681.85        0.22609
         651891.90    4190670.71        0.22762                      651867.71
4190659.58        0.22916
         651843.51    4190648.44        0.23071                      651819.32
4190637.30        0.23227
         651795.13    4190626.17        0.23382                      651770.94
4190615.03        0.23536
         651746.75    4190603.90        0.23687                      651722.56
4190592.76        0.23834
         651698.37    4190581.62        0.23977                      651674.18
4190570.49        0.24114
         651649.98    4190559.35        0.24246                      651625.79
4190548.21        0.24369
         651601.60    4190537.08        0.24482                      651577.41
4190525.94        0.24584
         651553.22    4190514.80        0.24673                      651529.03
4190503.67        0.24749
         651504.84    4190492.53        0.24810                      651480.65
4190481.40        0.24854
         651456.45    4190470.26        0.24883                      653296.16
4191312.71        0.13859
         653208.71    4191801.62        0.11090                      653184.57
4191790.51        0.11122
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
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INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653160.42	4191779.39	0.11158	653136.27	4191768.27	0.11199
653112.12	4191757.16	0.11247	653087.97	4191746.04	0.11302
653063.83	4191734.92	0.11365	653039.68	4191723.81	0.11437
653015.53	4191712.69	0.11518	652991.38	4191701.58	0.11609
652967.23	4191690.46	0.11708	652943.09	4191679.34	0.11815
652918.94	4191668.23	0.11930	652894.79	4191657.11	0.12051
652870.64	4191645.99	0.12177	652846.49	4191634.88	0.12306
652822.35	4191623.76	0.12437	652798.20	4191612.64	0.12569
652774.05	4191601.53	0.12700	652749.90	4191590.41	0.12830
652725.75	4191579.29	0.12957	652701.61	4191568.18	0.13082
652677.46	4191557.06	0.13203	652653.31	4191545.95	0.13321
652629.16	4191534.83	0.13437	652605.01	4191523.71	0.13550
652580.87	4191512.60	0.13662	652556.72	4191501.48	0.13773
652532.57	4191490.36	0.13884	652508.42	4191479.25	0.13998
652484.27	4191468.13	0.14113	652460.13	4191457.01	0.14232
652435.98	4191445.90	0.14355	652411.83	4191434.78	0.14482
652387.68	4191423.67	0.14614	652363.53	4191412.55	0.14749
652339.39	4191401.43	0.14888	652315.24	4191390.32	0.15029
652291.09	4191379.20	0.15172	652266.94	4191368.08	0.15315

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         652242.79    4191356.97        0.15457                        652218.65
4191345.85        0.15597
         652194.50    4191334.73        0.15733                        652170.35
4191323.62        0.15865
         652146.20    4191312.50        0.15992                        652122.05
4191301.38        0.16113
         652097.91    4191290.27        0.16229                        652073.76
4191279.15        0.16339
         652049.61    4191268.04        0.16444                        652025.46
4191256.92        0.16545
         652001.31    4191245.80        0.16642                        651977.17
4191234.69        0.16736
         651953.02    4191223.57        0.16828                        651928.87
4191212.45        0.16918
         651904.72    4191201.34        0.17008                        651880.57
4191190.22        0.17099
         651856.43    4191179.10        0.17189                        651832.28
4191167.99        0.17281
         651808.13    4191156.87        0.17374                        651783.98
4191145.76        0.17469
         651759.84    4191134.64        0.17566                        651735.69
4191123.52        0.17664
         651711.54    4191112.41        0.17762                        651687.39
4191101.29        0.17862
         651663.24    4191090.17        0.17964                        651639.10
4191079.06        0.18066
         651614.95    4191067.94        0.18168                        651590.80
4191056.82        0.18271
         651566.65    4191045.71        0.18374                        651542.50
4191034.59        0.18479
         651518.36    4191023.47        0.18586                        651494.21
4191012.36        0.18693
         651470.06    4191001.24        0.18800                        651445.91
4190990.13        0.18905
         651421.76    4190979.01        0.19008                        651397.62
4190967.89        0.19109
         651373.47    4190956.78        0.19206                        651349.32
4190945.66        0.19301
         651325.17    4190934.54        0.19392                        651301.02
4190923.43        0.19477
         651276.88    4190912.31        0.19557                        651252.73
4190901.19        0.19630
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651228.58	4190890.08	0.19696	651204.43	4190878.96	0.19753
651180.28	4190867.85	0.19800	651156.14	4190856.73	0.19837
651131.99	4190845.61	0.19865	653234.05	4191808.84	0.11080
653712.29	4188013.66	212.14835	653736.84	4188013.66	176.22161
653761.39	4188013.66	141.24413	653785.94	4188013.66	106.96649
653810.49	4188013.66	80.49531	653736.84	4188038.66	92.07233
653761.39	4188038.66	76.52449	653785.94	4188038.66	64.35617
653810.49	4188038.66	54.20562	653736.84	4188063.66	56.69290
653761.39	4188063.66	49.24181	653785.94	4188063.66	42.60378
653810.49	4188063.66	37.23531	653736.84	4188088.66	38.44409
653761.39	4188088.66	34.50888	653785.94	4188088.66	30.76027
653810.49	4188088.66	27.38026	653736.84	4188138.66	21.16526
653761.39	4188138.66	19.76129	653785.94	4188138.66	18.33126
653810.49	4188138.66	16.93033	653712.29	4188188.66	13.99847
653736.84	4188188.66	13.50716	653761.39	4188188.66	12.89869
653785.94	4188188.66	12.22112	653810.49	4188188.66	11.54263
653712.29	4188238.66	9.70144	653736.84	4188238.66	9.44435
653761.39	4188238.66	9.13463	653785.94	4188238.66	8.77885

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         653810.49    4188238.66        8.40188                    653712.29
4188288.66        7.17461
         653736.84    4188288.66        7.02207                    653761.39
4188288.66        6.84054
         653785.94    4188288.66        6.63544                    653810.49
4188288.66        6.41390
         653712.29    4188338.66        5.54526                    653736.84
4188338.66        5.44832
         653761.39    4188338.66        5.33556                    653785.94
4188338.66        5.20885
         653810.49    4188338.66        5.07041                    653693.66
4188437.50        3.69223
         653736.84    4188438.66        3.59986                    653761.39
4188438.66        3.54664
         653785.94    4188438.66        3.48647                    653810.49
4188438.66        3.42144
         653689.52    4188537.24        2.64259                    653666.74
4188535.82        2.67400
         653712.29    4188538.66        2.61050                    653736.84
4188538.66        2.58498
         653761.39    4188538.66        2.55546                    653785.94
4188538.66        2.52183
         653810.49    4188538.66        2.48517                    653692.10
4188637.40        1.99676
         653736.84    4188638.66        1.96282                    653761.39
4188638.66        1.94472
         653785.94    4188638.66        1.92426                    653810.49
4188638.66        1.90141
         653689.00    4188737.21        1.57557                    653665.71
4188735.76        1.58884
         653642.42    4188734.30        1.60166                    653712.29
4188738.66        1.56157
         653736.84    4188738.66        1.55099                    653761.39
4188738.66        1.53919
         653785.94    4188738.66        1.52588                    653810.49
4188738.66        1.51093
         653691.17    4188837.34        1.27884                    653648.94
4188834.71        1.29568
         653736.84    4188838.66        1.26224                    653761.39
4188838.66        1.25410
         653785.94    4188838.66        1.24506                    653810.49
4188838.66        1.23495
         653689.52    4189087.24        0.83478                    653666.74
4189085.82        0.83959
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653643.97	4189084.40	0.84402	653621.20	4189082.98	0.84803
653598.42	4189081.56	0.85172	653712.29	4189088.66	0.82975
653736.84	4189088.66	0.82608	653761.39	4189088.66	0.82219
653785.94	4189088.66	0.81807	653810.49	4189088.66	0.81354
653688.33	4189337.17	0.59569	653664.38	4189335.67	0.59875
653640.42	4189334.18	0.60158	653616.46	4189332.69	0.60407
653592.51	4189331.19	0.60620	653568.55	4189329.70	0.60803
653712.29	4189338.66	0.59251	653736.84	4189338.66	0.59034
653761.39	4189338.66	0.58818	653785.94	4189338.66	0.58600
653810.49	4189338.66	0.58369	653690.21	4189587.28	0.45047
653646.04	4189584.53	0.45417	653601.87	4189581.78	0.45728
653557.71	4189579.02	0.45947	653736.84	4189588.66	0.44715
653761.39	4189588.66	0.44580	653785.94	4189588.66	0.44449
653810.49	4189588.66	0.44317	653689.31	4189837.23	0.35533
653666.33	4189835.79	0.35675	653643.35	4189834.36	0.35812
653620.37	4189832.93	0.35939	653597.39	4189831.50	0.36050
653574.41	4189830.06	0.36142	653551.43	4189828.63	0.36212

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         653528.45    4189827.20        0.36265                      653505.47
4189825.76        0.36304
         653712.29    4189838.66        0.35391                      653736.84
4189838.66        0.35292
         653761.39    4189838.66        0.35201                      653785.94
4189838.66        0.35116
         653810.49    4189838.66        0.35033                      653687.96
4190337.14        0.24087
         653663.64    4190335.63        0.24174                      653639.31
4190334.11        0.24261
         653614.99    4190332.59        0.24343                      653590.66
4190331.08        0.24417
         653566.33    4190329.56        0.24481                      653542.01
4190328.04        0.24530
         653517.68    4190326.53        0.24565                      653493.35
4190325.01        0.24587
         653469.03    4190323.49        0.24596                      653444.70
4190321.98        0.24597
         653712.29    4190338.66        0.24002                      653736.84
4190338.66        0.23945
         653761.39    4190338.66        0.23894                      653785.94
4190338.66        0.23849
         653810.49    4190338.66        0.23808                      653688.69
4190837.19        0.17636
         653665.09    4190835.72        0.17690                      653641.49
4190834.25        0.17746
         653617.88    4190832.77        0.17801                      653594.28
4190831.30        0.17852
         653570.68    4190829.83        0.17899                      653547.08
4190828.36        0.17940
         653523.48    4190826.89        0.17973                      653499.88
4190825.42        0.17997
         653476.27    4190823.94        0.18013                      653452.67
4190822.47        0.18020
         653429.07    4190821.00        0.18018                      653405.47
4190819.53        0.18011
         653381.87    4190818.06        0.18000                      653712.29
4190838.66        0.17583
         653736.84    4190838.66        0.17546                      653761.39
4190838.66        0.17514
         653785.94    4190838.66        0.17486                      653810.49
4190838.66        0.17461
         653687.81    4191337.13        0.13605                      653663.33
4191335.61        0.13645
         653638.85    4191334.08        0.13685                      653614.38
4191332.55        0.13726
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653589.90	4191331.03	0.13765	653565.42	4191329.50	0.13801
653540.94	4191327.98	0.13834	653516.46	4191326.45	0.13861
653491.98	4191324.92	0.13884	653467.51	4191323.40	0.13899
653443.03	4191321.87	0.13909	653418.55	4191320.34	0.13912
653394.07	4191318.82	0.13909	653369.59	4191317.29	0.13901
653345.11	4191315.77	0.13889	653320.64	4191314.24	0.13874
653712.29	4191338.66	0.13567	653736.84	4191338.66	0.13542
653761.39	4191338.66	0.13520	653785.94	4191338.66	0.13500
653810.49	4191338.66	0.13483	653688.38	4191837.17	0.10892
653664.47	4191835.68	0.10920	653640.55	4191834.19	0.10949
653616.64	4191832.70	0.10978	653592.73	4191831.21	0.11007
653568.82	4191829.71	0.11035	653544.90	4191828.22	0.11061
653520.99	4191826.73	0.11084	653497.08	4191825.24	0.11104
653473.17	4191823.75	0.11121	653449.26	4191822.26	0.11134
653425.34	4191820.77	0.11142	653401.43	4191819.28	0.11146
653377.52	4191817.79	0.11146	653353.61	4191816.30	0.11141

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         653329.70    4191814.80        0.11133                     653305.78
4191813.31        0.11122
         653281.87    4191811.82        0.11109                     653257.96
4191810.33        0.11095
         653712.29    4191838.66        0.10866                     653736.84
4191838.66        0.10847
         653761.39    4191838.66        0.10831                     653785.94
4191838.66        0.10817
         653810.49    4191838.66        0.10805                     653835.43
4187990.43       74.98326
         653838.58    4187946.01       79.55452                     653841.72
4187901.59       65.56431
         653852.47    4188008.72       54.25339                     653861.94
4187969.98       59.41691
         653865.09    4187925.56       57.19935                     653868.23
4187881.14       47.14512
         653877.41    4188010.49       42.43420                     653844.57
4188050.24       36.82660
         653886.88    4187971.75       45.84126                     653890.02
4187927.33       45.31597
         653893.17    4187882.91       39.51850                     653902.34
4188012.25       34.17796
         653886.55    4188045.30       29.91304                     653861.61
4188068.54       27.16075
         653911.81    4187973.52       36.54443                     653914.96
4187929.10       36.70852
         653918.11    4187884.68       33.25147                     653950.64
4188019.09       23.56748
         653931.69    4188058.75       20.80712                     653892.29
4188106.46       16.64264
         653851.39    4188122.56       16.76051                     653961.69
4187977.05       24.95091
         653964.84    4187932.63       25.47168                     653967.98
4187888.21       24.16976
         654000.97    4188021.68       17.43775                     653982.92
4188059.45       16.11112
         653964.87    4188097.22       13.81705                     653927.35
4188142.66       11.34805
         653888.39    4188157.99       11.44649                     653849.44
4188173.33       11.57442
         654011.56    4187980.59       18.24305                     654014.71
4187936.17       18.73867
         654017.86    4187891.75       18.24609                     654051.09
4188024.69       13.48234
         654033.54    4188061.41       12.76016                     654016.00
4188098.14       11.42905
         653998.45    4188134.86        9.81910                     653961.97
4188179.03        8.30648
1 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
                             INCLUDING SOURCE(S):   STCK2   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654164.34 4187946.77 9.34689 654167.48
4187902.35 9.37991
654249.89 4188040.30 6.30253 654230.94
4188079.96 6.14201
654211.99 4188119.62 5.80558 654193.04
4188159.28 5.36965
654174.09 4188198.94 4.87513 654155.14
4188238.60 4.34728
654136.19 4188278.25 3.86500 654096.79
4188325.96 3.49504
654055.89 4188342.06 3.52623 654014.99
4188358.16 3.55106
653974.09 4188374.26 3.57348 653933.19
4188390.36 3.57307
653892.29 4188406.46 3.54515 653851.39
4188422.56 3.49465
654260.94 4187998.26 6.44308 654264.09
4187953.84 6.61147
654267.23 4187909.42 6.67397 654349.97
4188046.67 4.75812
654331.69 4188084.94 4.68072 654313.40
4188123.21 4.50328
654295.11 4188161.48 4.25916 654276.83
4188199.74 3.98255
654258.54 4188238.01 3.67862 654240.26
4188276.28 3.35258
654221.97 4188314.55 3.04052 654203.69
4188352.81 2.77680
654165.67 4188398.85 2.57273 654126.20
4188414.38 2.59127
654086.74 4188429.92 2.60434 654047.28
4188445.45 2.61938
654007.81 4188460.99 2.62956 653968.35
4188476.52 2.62419
653928.88 4188492.06 2.60637 653889.42
4188507.59 2.57637
653849.95 4188523.13 2.53416 654360.69
4188005.33 4.84319
654363.84 4187960.91 4.95738 654366.98
4187916.49 5.01560
654449.53 4188054.14 3.73979 654430.87
4188093.20 3.69421
654412.21 4188132.25 3.58259 654393.54
4188171.31 3.42250
654374.88 4188210.37 3.23884 654356.21
4188249.43 3.04169
654337.55 4188288.49 2.82603 654318.89
4188327.54 2.59804
654300.22 4188366.60 2.38237 654281.56
4188405.66 2.19908

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
INCLUDING SOURCE(S):   STCK2   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654262.90	4188444.72	2.04752	654233.43	4188472.18	1.98760
654193.15	4188488.03	1.99895	654152.87	4188503.89	2.00637
654112.59	4188519.74	2.01681	654072.31	4188535.60	2.02727
654032.03	4188551.45	2.02841	653991.75	4188567.31	2.02059
653951.47	4188583.17	2.00597	653911.19	4188599.02	1.98210
653870.91	4188614.88	1.95144	654460.44	4188012.40	3.79543
654463.59	4187967.98	3.87607	654466.73	4187923.56	3.92420
654549.14	4188061.51	3.03012	654530.19	4188101.17	3.00222
654511.24	4188140.83	2.92887	654492.29	4188180.48	2.81933
654473.34	4188220.14	2.69030	654454.39	4188259.80	2.55357
654435.43	4188299.46	2.40796	654416.48	4188339.12	2.24856
654397.53	4188378.78	2.08239	654378.58	4188418.44	1.92665
654359.63	4188458.10	1.79331	654340.68	4188497.76	1.68230
654301.28	4188545.46	1.59085	654260.38	4188561.56	1.59793

654219.48 4188577.66 1.60209 654178.58
4188593.76 1.60922
654137.68 4188609.86 1.61858 654096.79
4188625.96 1.62282
654055.89 4188642.06 1.61988 654014.99
4188658.16 1.61283
653974.09 4188674.26 1.60035 653933.19
4188690.36 1.58091
653892.29 4188706.46 1.55815 653851.39
4188722.56 1.53527
654560.19 4188019.47 3.06838 654563.34
4187975.05 3.12741
654566.48 4187930.63 3.16606 654648.78
4188068.81 2.51352
654629.60 4188108.94 2.49611 654610.42
4188149.08 2.44641
654591.25 4188189.21 2.36915 654572.07
4188229.34 2.27513
654552.89 4188269.47 2.17482 654533.72
4188309.60 2.07112
654514.54 4188349.73 1.95973 654495.37
4188389.86 1.83806
654476.19 4188429.99 1.71289 654457.01
4188470.12 1.59635
654437.84 4188510.25 1.49620 654418.66
4188550.39 1.41224
654399.49 4188590.52 1.33902 654369.20
4188618.73 1.30838
654327.82 4188635.02 1.31279 654286.43
4188651.31 1.31493
654245.05 4188667.60 1.31974 654203.66
4188683.89 1.32763
654162.27 4188700.18 1.33306 654120.89
4188716.48 1.33276
654079.50 4188732.77 1.32906 654038.11
4188749.06 1.32291
653996.73 4188765.35 1.31182 653955.34
4188781.64 1.29576
653913.96 4188797.93 1.27841 653872.57
4188814.22 1.26178
654659.94 4188026.54 2.54063 654663.09
4187982.12 2.58517
654666.23 4187937.70 2.61667 654898.35
4188086.07 1.69914
654879.57 4188125.37 1.69421 654860.79
4188164.67 1.67523
654842.01 4188203.98 1.64265 654823.23
4188243.28 1.59925
654804.45 4188282.58 1.54922 654785.67
4188321.88 1.49680

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654729.33	4188439.79	1.33463	654710.55	4188479.09	1.27276
654691.77	4188518.39	1.20699	654672.99	4188557.69	1.14156
654654.21	4188596.99	1.08096	654635.43	4188636.29	1.02776
654616.65	4188675.60	0.98213	654597.87	4188714.90	0.94248
654579.09	4188754.20	0.90626	654540.05	4188801.48	0.87243
654499.51	4188817.43	0.87347	654458.98	4188833.39	0.87305
654418.45	4188849.34	0.87403	654377.92	4188865.30	0.87782
654337.39	4188881.25	0.88292	654296.86	4188897.21	0.88636
654256.33	4188913.16	0.88683	654215.80	4188929.11	0.88545
654175.27	4188945.07	0.88368	654134.74	4188961.02	0.88103
654094.21	4188976.98	0.87575	654053.68	4188992.93	0.86745
654013.14	4189008.89	0.85772	653972.61	4189024.84	0.84854
653932.08	4189040.80	0.84043	653891.55	4189056.75	0.83264

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         653851.02    4189072.71        0.82392                    654909.31
4188044.21        1.71231
         654912.46    4187999.79        1.73637                    654915.61
4187955.37        1.75451
         655147.64    4188103.92        1.23919                    655128.69
4188143.58        1.23768
         655109.74    4188183.24        1.22870                    655090.79
4188222.90        1.21213
         655071.84    4188262.56        1.18889                    655052.88
4188302.22        1.16061
         655033.93    4188341.88        1.12934                    655014.98
4188381.54        1.09713
         654996.03    4188421.19        1.06535                    654977.08
4188460.85        1.03413
         654958.13    4188500.51        1.00229                    654939.18
4188540.17        0.96817
         654920.23    4188579.83        0.93093                    654901.28
4188619.49        0.89095
         654882.33    4188659.15        0.85046                    654863.38
4188698.81        0.81170
         654844.43    4188738.47        0.77641                    654825.48
4188778.12        0.74533
         654806.53    4188817.78        0.71829                    654787.58
4188857.44        0.69455
         654768.63    4188897.10        0.67292                    654749.68
4188936.76        0.65202
         654710.28    4188984.47        0.63118                    654669.38
4189000.57        0.63093
         654628.48    4189016.67        0.62974                    654587.58
4189032.77        0.62939
         654546.68    4189048.87        0.63108                    654505.78
4189064.97        0.63452
         654464.88    4189081.07        0.63808                    654423.98
4189097.17        0.64018
         654383.08    4189113.27        0.64036                    654342.18
4189129.37        0.63945
         654301.28    4189145.46        0.63855                    654260.38
4189161.56        0.63778
         654219.48    4189177.66        0.63620                    654178.58
4189193.76        0.63275
         654137.68    4189209.86        0.62736                    654096.79
4189225.96        0.62101
         654055.89    4189242.06        0.61494                    654014.99
4189258.16        0.60979
         653974.09    4189274.26        0.60541                    653933.19
4189290.36        0.60118
         653892.29    4189306.46        0.59639                    653851.39
4189322.56        0.59057
         655158.69    4188061.88        1.24651                    655161.83
4188017.46        1.26108
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655339.74	4188241.45	0.93726	655320.67	4188281.35	0.92392
655301.60	4188321.26	0.90701	655282.53	4188361.17	0.88750
655263.46	4188401.08	0.86644	655244.39	4188440.99	0.84494
655225.32	4188480.90	0.82382	655206.25	4188520.80	0.80340
655187.19	4188560.71	0.78330	655168.12	4188600.62	0.76277
655149.05	4188640.53	0.74031	655129.98	4188680.44	0.71596
655110.91	4188720.35	0.68984	655091.84	4188760.25	0.66301
655072.77	4188800.16	0.63671	655053.70	4188840.07	0.61206
655034.63	4188879.98	0.58973	655015.56	4188919.89	0.56993
654996.49	4188959.80	0.55251	654977.42	4188999.70	0.53711
654958.35	4189039.61	0.52312	654939.28	4189079.52	0.50981
654920.21	4189119.43	0.49634	654880.56	4189167.44	0.48219

654839.40 4189183.64 0.48143 654798.25
4189199.84 0.48002
654757.09 4189216.04 0.47912 654715.93
4189232.24 0.47964
654674.78 4189248.44 0.48170 654633.62
4189264.64 0.48456
654592.46 4189280.84 0.48706 654551.31
4189297.04 0.48836
654510.15 4189313.25 0.48837 654468.99
4189329.45 0.48767
654427.84 4189345.65 0.48701 654386.68
4189361.85 0.48674
654345.53 4189378.05 0.48647 654304.37
4189394.25 0.48541
654263.21 4189410.45 0.48299 654222.06
4189426.65 0.47923
654180.90 4189442.85 0.47478 654139.74
4189459.05 0.47043
654098.59 4189475.25 0.46670 654057.43
4189491.45 0.46369
654016.27 4189507.66 0.46114 653975.12
4189523.86 0.45866
653933.96 4189540.06 0.45582 653892.80
4189556.26 0.45230
653851.65 4189572.46 0.44802 655408.06
4188079.56 0.95533
655411.21 4188035.14 0.96477 655414.36
4187990.72 0.97240
655646.28 4188139.49 0.75722 655627.13
4188179.58 0.75763
655607.97 4188219.67 0.75527 655588.81
4188259.76 0.75000
655569.65 4188299.86 0.74188 655550.49
4188339.95 0.73130
655531.34 4188380.04 0.71871 655512.18
4188420.13 0.70469
655493.02 4188460.22 0.68981 655473.86
4188500.32 0.67465
655454.71 4188540.41 0.65975 655435.55
4188580.50 0.64544
655416.39 4188620.59 0.63164 655397.23
4188660.69 0.61791
655378.08 4188700.78 0.60363 655358.92
4188740.87 0.58823
655339.76 4188780.96 0.57142 655320.60
4188821.06 0.55338
655301.44 4188861.15 0.53466 655282.29
4188901.24 0.51602
655263.13 4188941.33 0.49816 655243.97
4188981.42 0.48150

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655109.87	4189262.07	0.40269	655090.71	4189302.16	0.39331
655050.88	4189350.39	0.38302	655009.53	4189366.67	0.38208
654968.19	4189382.94	0.38065	654926.84	4189399.22	0.37954
654885.49	4189415.50	0.37942	654844.15	4189431.77	0.38054
654802.80	4189448.05	0.38259	654761.46	4189464.32	0.38487
654720.11	4189480.60	0.38665	654678.76	4189496.87	0.38749
654637.42	4189513.15	0.38741	654596.07	4189529.42	0.38682
654554.72	4189545.70	0.38627	654513.38	4189561.98	0.38607
654472.03	4189578.25	0.38615	654430.68	4189594.53	0.38605
654389.34	4189610.80	0.38526	654347.99	4189627.08	0.38344
654306.65	4189643.35	0.38068	654265.30	4189659.63	0.37740

654223.95 4189675.90 0.37412 654182.61
4189692.18 0.37123
654141.26 4189708.46 0.36890 654099.91
4189724.73 0.36706
654058.57 4189741.01 0.36550 654017.22
4189757.28 0.36396
653975.88 4189773.56 0.36218 653934.53
4189789.83 0.35994
653893.18 4189806.11 0.35715 653851.84
4189822.38 0.35388
655657.44 4188097.23 0.76002 655660.58
4188052.81 0.76653
655663.73 4188008.39 0.77187 656145.10
4188174.70 0.51908
656126.06 4188214.53 0.51976 656107.03
4188254.36 0.51920
656088.00 4188294.18 0.51730 656068.97
4188334.01 0.51403
656049.94 4188373.84 0.50950 656030.91
4188413.67 0.50383
656011.87 4188453.50 0.49722 655992.84
4188493.33 0.48987
655973.81 4188533.16 0.48194 655954.78
4188572.98 0.47364
655935.75 4188612.81 0.46519 655916.72
4188652.64 0.45682
655897.68 4188692.47 0.44872 655878.65
4188732.30 0.44099
655859.62 4188772.13 0.43362 655840.59
4188811.95 0.42645
655821.56 4188851.78 0.41924 655802.53
4188891.61 0.41168
655783.50 4188931.44 0.40352 655764.46
4188971.27 0.39471
655745.43 4189011.10 0.38527 655726.40
4189050.92 0.37552
655707.37 4189090.75 0.36535 655688.34
4189130.58 0.35523
655669.31 4189170.41 0.34542 655650.27
4189210.24 0.33613
655631.24 4189250.07 0.32746 655612.21
4189289.89 0.31950
655593.18 4189329.72 0.31226 655574.15
4189369.55 0.30572
655555.12 4189409.38 0.29982 655536.09
4189449.21 0.29450
655517.05 4189489.04 0.28963 655498.02
4189528.86 0.28506
655478.99 4189568.69 0.28059 655459.96
4189608.52 0.27598

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655145.40	4189813.19	0.25898	655104.32	4189829.36	0.26030
655063.25	4189845.52	0.26183	655022.18	4189861.69	0.26322
654981.10	4189877.86	0.26417	654940.03	4189894.03	0.26456
654898.95	4189910.20	0.26443	654857.88	4189926.37	0.26397
654816.81	4189942.53	0.26346	654775.73	4189958.70	0.26313
654734.66	4189974.87	0.26310	654693.58	4189991.04	0.26332
654652.51	4190007.21	0.26361	654611.44	4190023.38	0.26369
654570.36	4190039.54	0.26334	654529.29	4190055.71	0.26243
654488.21	4190071.88	0.26097	654447.14	4190088.05	0.25913
654406.06	4190104.22	0.25713	654364.99	4190120.39	0.25522

654323.92 4190136.55 0.25356 654282.84
4190152.72 0.25219
654241.77 4190168.89 0.25112 654200.69
4190185.06 0.25029
654159.62 4190201.23 0.24961 654118.55
4190217.40 0.24897
654077.47 4190233.57 0.24827 654036.40
4190249.73 0.24738
653995.32 4190265.90 0.24623 653954.25
4190282.07 0.24477
653913.18 4190298.24 0.24304 653872.10
4190314.41 0.24110
656156.18 4188132.58 0.52037 656159.33
4188088.16 0.52380
656162.48 4188043.74 0.52670 656643.78
4188210.17 0.38216
656624.63 4188250.25 0.38280 656605.48
4188290.33 0.38278
656586.33 4188330.41 0.38202 656567.18
4188370.49 0.38050
656548.02 4188410.58 0.37819 656528.87
4188450.66 0.37521
656509.72 4188490.74 0.37167 656490.57
4188530.82 0.36765
656471.41 4188570.90 0.36323 656452.26
4188610.98 0.35847
656433.11 4188651.06 0.35346 656413.96
4188691.14 0.34826
656394.81 4188731.22 0.34297 656375.65
4188771.30 0.33771
656356.50 4188811.38 0.33258 656337.35
4188851.46 0.32766
656318.20 4188891.55 0.32299 656299.04
4188931.63 0.31856
656279.89 4188971.71 0.31431 656260.74
4189011.79 0.31009
656241.59 4189051.87 0.30577 656222.44
4189091.95 0.30118
656203.28 4189132.03 0.29629 656184.13
4189172.11 0.29100
656164.98 4189212.19 0.28532 656145.83
4189252.27 0.27932
656126.68 4189292.35 0.27312 656107.52
4189332.43 0.26686
656088.37 4189372.51 0.26067 656069.22
4189412.60 0.25466
656050.07 4189452.68 0.24892 656030.91
4189492.76 0.24350
656011.76 4189532.84 0.23843 655992.61
4189572.92 0.23374

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655973.46	4189613.00	0.22943	655954.31	4189653.08	0.22551
655935.15	4189693.16	0.22194	655916.00	4189733.24	0.21869
655896.85	4189773.32	0.21573	655877.70	4189813.40	0.21300
655858.54	4189853.48	0.21041	655839.39	4189893.57	0.20786
655820.24	4189933.65	0.20522	655801.09	4189973.73	0.20234
655781.94	4190013.81	0.19911	655762.78	4190053.89	0.19548
655732.54	4190082.06	0.19323	655691.21	4190098.34	0.19237
655649.87	4190114.61	0.19134	655608.54	4190130.88	0.19035
655567.20	4190147.15	0.18962	655525.87	4190163.42	0.18929
655484.53	4190179.69	0.18946	655443.20	4190195.96	0.19008
655401.87	4190212.23	0.19105	655360.53	4190228.50	0.19216
655319.20	4190244.77	0.19322	655277.86	4190261.04	0.19405
655236.53	4190277.31	0.19456	655195.19	4190293.59	0.19469
655153.86	4190309.86	0.19451	655112.52	4190326.13	0.19413

655071.19 4190342.40 0.19370 655029.86 4190358.67 0.19336
654988.52 4190374.94 0.19321 654947.19 4190391.21 0.19330
654905.85 4190407.48 0.19356 654864.52 4190423.75 0.19388
654823.18 4190440.02 0.19414 654781.85 4190456.29 0.19417
654740.51 4190472.57 0.19389 654699.18 4190488.84 0.19325
654657.85 4190505.11 0.19228 654616.51 4190521.38 0.19107
654575.18 4190537.65 0.18975 654533.84 4190553.92 0.18844
654492.51 4190570.19 0.18724 654451.17 4190586.46 0.18621
654409.84 4190602.73 0.18537 654368.50 4190619.00 0.18470
654327.17 4190635.27 0.18419 654285.84 4190651.54 0.18380
654244.50 4190667.82 0.18348 654203.17 4190684.09 0.18318
654161.83 4190700.36 0.18285 654120.50 4190716.63 0.18241
654079.16 4190732.90 0.18183 654037.83 4190749.17 0.18107
653996.49 4190765.44 0.18013 653955.16 4190781.71 0.17903
653913.83 4190797.98 0.17780 653872.49 4190814.25 0.17651
656654.93 4188167.92 0.38280 656658.08 4188123.50 0.38483
656661.23 4188079.08 0.38658 657142.58 4188245.43 0.29549
657123.51 4188285.32 0.29602 657104.45 4188325.22 0.29618
657085.38 4188365.12 0.29591 657066.32 4188405.01 0.29519
657047.25 4188444.91 0.29401 657028.19 4188484.81 0.29240
657009.13 4188524.71 0.29041 656990.06 4188564.60 0.28808
656971.00 4188604.50 0.28548 656951.93 4188644.40 0.28264
656932.87 4188684.29 0.27960 656913.80 4188724.19 0.27640
656894.74 4188764.09 0.27305 656875.68 4188803.98 0.26958
656856.61 4188843.88 0.26604 656837.55 4188883.78 0.26250

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         656818.48    4188923.68        0.25900                      656799.42
4188963.57        0.25562
         656780.35    4189003.47        0.25238                      656761.29
4189043.37        0.24932
         656742.22    4189083.26        0.24642                      656723.16
4189123.16        0.24365
         656704.10    4189163.06        0.24096                      656685.03
4189202.96        0.23828
         656665.97    4189242.85        0.23552                      656646.90
4189282.75        0.23262
         656627.84    4189322.65        0.22950                      656608.77
4189362.54        0.22614
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         656589.71    4189402.44        0.22252                      656570.65
4189442.34        0.21868
         656551.58    4189482.24        0.21468                      656532.52
4189522.13        0.21059
         656513.45    4189562.03        0.20647                      656494.39
4189601.93        0.20240
         656475.32    4189641.82        0.19843                      656456.26
4189681.72        0.19459
         656437.19    4189721.62        0.19092                      656418.13
4189761.52        0.18744
         656399.07    4189801.41        0.18416                      656380.00
4189841.31        0.18109
         656360.94    4189881.21        0.17825                      656341.87
4189921.10        0.17562
         656322.81    4189961.00        0.17321                      656303.74
4190000.90        0.17101
```

656284.68 4190040.79 0.16900 656265.62 4190080.69 0.16717
656246.55 4190120.59 0.16549 656227.49 4190160.49 0.16390
656208.42 4190200.38 0.16235 656189.36 4190240.28 0.16077
656170.29 4190280.18 0.15908 656151.23 4190320.07 0.15721
656132.16 4190359.97 0.15508 656113.10 4190399.87 0.15267
656073.46 4190447.86 0.14972 656032.32 4190464.06 0.14899
655991.17 4190480.26 0.14815 655950.03 4190496.45 0.14732
655908.88 4190512.65 0.14662 655867.74 4190528.85 0.14616
655826.59 4190545.04 0.14601 655785.45 4190561.24 0.14620
655744.30 4190577.43 0.14669 655703.16 4190593.63 0.14739
655662.01 4190609.83 0.14821 655620.87 4190626.02 0.14904
655579.72 4190642.22 0.14975 655538.58 4190658.42 0.15027
655497.43 4190674.61 0.15055 655456.29 4190690.81 0.15060
655415.14 4190707.00 0.15044 655374.00 4190723.20 0.15014
655332.85 4190739.40 0.14978 655291.71 4190755.59 0.14945
655250.56 4190771.79 0.14922 655209.42 4190787.99 0.14915
655168.27 4190804.18 0.14924 655127.13 4190820.38 0.14947
655085.98 4190836.57 0.14976 655044.84 4190852.77 0.15004
655003.69 4190868.97 0.15024 654962.55 4190885.16 0.15027
654921.40 4190901.36 0.15008 654880.26 4190917.56 0.14967
654839.11 4190933.75 0.14905 654797.97 4190949.95 0.14826
654756.82 4190966.15 0.14737 654715.68 4190982.34 0.14645
654674.53 4190998.54 0.14556 654633.39 4191014.73 0.14476
654592.24 4191030.93 0.14405 654551.10 4191047.13 0.14346
654509.95 4191063.32 0.14299 654468.81 4191079.52 0.14261

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653851.63	4191322.46	0.13565	657153.68	4188203.27	0.29585
657156.83	4188158.85	0.29714	657159.98	4188114.43	0.29826
657641.28	4188280.86	0.23665	657622.13	4188320.94	0.23710
657602.98	4188361.01	0.23734	657583.83	4188401.09	0.23725
657564.69	4188441.16	0.23691	657545.54	4188481.24	0.23627
657526.39	4188521.31	0.23533	657507.24	4188561.39	0.23412
657488.09	4188601.46	0.23266	657468.94	4188641.54	0.23099

657449.79 4188681.61 0.22915 657430.64 4188721.69 0.22716
657411.49 4188761.76 0.22505 657392.34 4188801.84 0.22284
657373.19 4188841.91 0.22054 657354.04 4188881.99 0.21817
657334.89 4188922.06 0.21572 657315.74 4188962.14 0.21322
657296.59 4189002.22 0.21070 657277.44 4189042.29 0.20819
657258.29 4189082.37 0.20575 657239.14 4189122.44 0.20338
657219.99 4189162.52 0.20112 657200.84 4189202.59 0.19899
657181.69 4189242.67 0.19698 657162.55 4189282.74 0.19507
657143.40 4189322.82 0.19322 657124.25 4189362.89 0.19140
657105.10 4189402.97 0.18956 657085.95 4189443.04 0.18765
657066.80 4189483.12 0.18563 657047.65 4189523.19 0.18347
657028.50 4189563.27 0.18114 657009.35 4189603.34 0.17865
656990.20 4189643.42 0.17601 656971.05 4189683.49 0.17325
656951.90 4189723.57 0.17041 656932.75 4189763.65 0.16754
656913.60 4189803.72 0.16467 656894.45 4189843.80 0.16183
656875.30 4189883.87 0.15907 656856.15 4189923.95 0.15639
656837.00 4189964.02 0.15381 656817.85 4190004.10 0.15133
656798.70 4190044.17 0.14897 656779.55 4190084.25 0.14674
656760.41 4190124.32 0.14465 656741.26 4190164.40 0.14270
656722.11 4190204.47 0.14089 656702.96 4190244.55 0.13921
656683.81 4190284.62 0.13767 656664.66 4190324.70 0.13625
656645.51 4190364.77 0.13495 656626.36 4190404.85 0.13374
656607.21 4190444.92 0.13263 656588.06 4190485.00 0.13158
656568.91 4190525.08 0.13056 656549.76 4190565.15 0.12953
656530.61 4190605.23 0.12844 656511.46 4190645.30 0.12722

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         656492.31    4190685.38        0.12582                       656473.16
4190725.45        0.12423
         656454.01    4190765.53        0.12243                       656414.20
4190813.74        0.12020
         656372.87    4190830.01        0.11958                       656331.54
4190846.27        0.11889
         656290.21    4190862.54        0.11818                       656248.88
4190878.81        0.11755
         656207.56    4190895.08        0.11708                       656166.23
4190911.35        0.11681
         656124.90    4190927.62        0.11678                       656083.57
4190943.89        0.11698
         656042.24    4190960.15        0.11740                       656000.91
4190976.42        0.11796
         655959.58    4190992.69        0.11860                       655918.25
4191008.96        0.11925
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                 PAGE 190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         655876.93    4191025.23        0.11985                       655835.60
4191041.50        0.12032
         655794.27    4191057.77        0.12065                       655752.94
4191074.03        0.12080
         655711.61    4191090.30        0.12078                       655670.28
4191106.57        0.12062
         655628.95    4191122.84        0.12037                       655587.62
4191139.11        0.12008
         655546.30    4191155.38        0.11980                       655504.97
4191171.65        0.11957
         655463.64    4191187.91        0.11944                       655422.31
4191204.18        0.11942
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         655380.98    4191220.45        0.11954                    655339.65
4191236.72        0.11974
         655298.32    4191252.99        0.12000                    655257.00
4191269.26        0.12027
         655215.67    4191285.53        0.12048                    655174.34
4191301.80        0.12060
         655133.01    4191318.06        0.12059                    655091.68
4191334.33        0.12043
         655050.35    4191350.60        0.12011                    655009.02
4191366.87        0.11965
         654967.69    4191383.14        0.11908                    654926.37
4191399.41        0.11846
         654885.04    4191415.68        0.11782                    654843.71
4191431.94        0.11716
         654802.38    4191448.21        0.11653                    654761.05
4191464.48        0.11597
         654719.72    4191480.75        0.11548                    654678.39
4191497.02        0.11507
         654637.06    4191513.29        0.11472                    654595.74
4191529.56        0.11444
         654554.41    4191545.82        0.11423                    654513.08
4191562.09        0.11406
         654471.75    4191578.36        0.11394                    654430.42
4191594.63        0.11386
         654389.09    4191610.90        0.11379                    654347.76
4191627.17        0.11372
         654306.43    4191643.44        0.11363                    654265.11
4191659.71        0.11348
         654223.78    4191675.97        0.11327                    654182.45
4191692.24        0.11299
         654141.12    4191708.51        0.11263                    654099.79
4191724.78        0.11219
         654058.46    4191741.05        0.11168                    654017.13
4191757.32        0.11111
         653975.80    4191773.59        0.11050                    653934.48
4191789.85        0.10986
         653893.15    4191806.12        0.10923                    653851.82
4191822.39        0.10861
         657652.43    4188238.61        0.23685                    657655.58
4188194.19        0.23772
         657658.73    4188149.77        0.23848                    653819.03
4187852.62       50.06457
         653794.25    4187851.96       53.97313                    653769.47
4187851.29       56.38711
         653744.69    4187850.63       55.42455                    653719.92
4187849.97       50.80949
         653695.14    4187849.31       46.96534                    653837.55
4187835.82       39.92269
         653794.92    4187826.97       40.98900                    653770.14
4187826.30       41.82515
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         653772.81    4187726.34       17.34203                  653748.03
4187725.68       16.56773
         653723.25    4187725.02       15.79443                  653698.48
4187724.35       15.34979
         653844.10    4187687.05       13.79520                  653884.90
4187705.78       14.53821
         653905.30    4187715.15       14.83852                  653946.10
4187733.88       15.21864
         653973.84    4187764.46       16.29914                  653988.51
4187806.89       18.02447
         654003.19    4187849.32       18.63321                  653798.92
4187677.02       13.05022
         653774.15    4187676.36       12.66316                  653749.37
4187675.70       12.14632
         653724.59    4187675.03       11.66726                  653699.81
4187674.37       11.38001
         653847.35    4187637.94       10.68893                  653869.66
4187648.19       11.08160
         653891.97    4187658.43       11.34612                  653914.29
4187668.68       11.56121
         653936.60    4187678.92       11.77899                  653958.91
4187689.17       11.96949
         653981.23    4187699.41       12.06547                  654011.56
4187732.86       12.89310
         654019.59    4187756.06       13.65501                  654027.61
4187779.26       14.24503
         654035.64    4187802.47       14.61896                  654043.66
4187825.67       14.78112
         654051.69    4187848.88       14.76121                  654059.71
4187872.08       14.57991
         653825.04    4187627.70       10.15198                  653800.26
4187627.04        9.96219
         653775.48    4187626.38        9.66592                  653750.70
4187625.71        9.31572
         653725.92    4187625.05        9.00637                  653701.15
4187624.39        8.82193
         653847.79    4187587.55        8.46137                  653869.21
4187597.39        8.80928
         653890.63    4187607.22        9.06116                  653912.05
4187617.06        9.23027
         653933.47    4187626.89        9.36751                  653954.89
4187636.72        9.51218
         653976.31    4187646.56        9.66186                  653997.73
4187656.39        9.78048
         654019.15    4187666.23        9.83244                  654048.28
4187698.34       10.40821
         654055.98    4187720.61       10.96195                  654063.68
4187742.89       11.42522
         654071.39    4187765.16       11.76598                  654079.09
4187787.44       11.97448
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654056.78	4187632.91	8.18624	654085.10	4187664.13	8.60551
654092.59	4187685.79	9.02035	654100.08	4187707.44	9.38344
654107.57	4187729.10	9.67498	654115.06	4187750.76	9.88200
654122.55	4187772.41	10.00430	654130.04	4187794.07	10.05150

654137.53 4187815.73 10.03395 654145.02
4187837.38 9.95741
654152.51 4187859.04 9.82295 654159.99
4187880.70 9.63008
653827.71 4187527.73 6.53176 653802.93
4187527.07 6.39120
653778.15 4187526.41 6.21904 653753.37
4187525.75 6.03771
653728.60 4187525.09 5.88640 653703.82
4187524.42 5.79666
653851.80 4187437.61 4.79035 653873.22
4187447.44 4.99328
653894.64 4187457.27 5.18257 653916.06
4187467.11 5.34517
653937.48 4187476.94 5.46967 653958.90
4187486.78 5.55448
653980.32 4187496.61 5.60968 654001.74
4187506.45 5.65455
654023.16 4187516.28 5.70709 654044.58
4187526.12 5.77361
654066.00 4187535.95 5.84543 654087.42
4187545.79 5.90900
654108.84 4187555.62 5.95061 654130.26
4187565.45 5.96285
654159.38 4187597.57 6.22417 654167.09
4187619.84 6.48932
654174.79 4187642.12 6.73143 654182.49
4187664.39 6.93971
654190.20 4187686.67 7.10532 654197.90
4187708.94 7.22397
654205.61 4187731.22 7.29688 654213.31
4187753.49 7.32943
654221.01 4187775.77 7.32717 654228.72
4187798.04 7.29342
654236.42 4187820.32 7.23020 654244.12
4187842.59 7.13690
654251.83 4187864.87 7.01245 654259.53
4187887.15 6.85727
653830.38 4187427.77 4.58043 653805.60
4187427.11 4.48530
653780.82 4187426.45 4.37778 653756.04
4187425.78 4.27163
653731.27 4187425.12 4.18686 653706.49
4187424.46 4.13696
653854.87 4187337.82 3.55328 653876.68
4187347.84 3.69215
653898.50 4187357.86 3.82756 653920.32
4187367.87 3.95616
653942.13 4187377.89 4.07164 653963.95
4187387.91 4.16539

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654319.91	4187780.36	5.56897	654327.75	4187803.05	5.52035
654335.60	4187825.74	5.45467	654343.45	4187848.43	5.37110
654351.29	4187871.11	5.26916	654359.14	4187893.80	5.14957

653833.05 4187327.81 3.41202 653808.27
4187327.14 3.34530
653783.49 4187326.48 3.27364 653758.72
4187325.82 3.20623
653733.94 4187325.16 3.15335 653709.16
4187324.50 3.12242
653857.82 4187237.99 2.75472 653879.92
4187248.14 2.85327
653902.02 4187258.28 2.94976 653924.12
4187268.43 3.04448
653946.22 4187278.58 3.13605 653968.32
4187288.72 3.22049
653990.42 4187298.87 3.29285 654012.52
4187309.02 3.34836
654034.62 4187319.16 3.38529 654056.72
4187329.31 3.40677
654078.82 4187339.46 3.41949 654100.92
4187349.60 3.43175
654123.02 4187359.75 3.45035 654145.12
4187369.90 3.47784
654167.22 4187380.04 3.51232 654189.32
4187390.19 3.54913
654211.42 4187400.34 3.58246 654233.52
4187410.48 3.60734
654255.62 4187420.63 3.62093 654277.72
4187430.78 3.62220
654307.77 4187463.91 3.74303 654315.72
4187486.89 3.87029
654323.67 4187509.87 3.99142 654331.62
4187532.86 4.10367
654339.56 4187555.84 4.20372 654347.51
4187578.82 4.28852
654355.46 4187601.80 4.35613 654363.41
4187624.79 4.40610
654371.36 4187647.77 4.43922 654379.30
4187670.75 4.45736
654387.25 4187693.73 4.46218 654395.20
4187716.72 4.45532
654403.15 4187739.70 4.43785 654411.10
4187762.68 4.41049
654419.04 4187785.66 4.37353 654426.99
4187808.65 4.32630
654434.94 4187831.63 4.26794 654442.89
4187854.61 4.19768
654450.84 4187877.59 4.11574 654458.79
4187900.58 4.02368
653835.72 4187227.84 2.65438 653810.94
4187227.18 2.60576
653786.16 4187226.52 2.55558 653761.39
4187225.86 2.50979

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         653736.61    4187225.19        2.47438                      653711.83
4187224.53        2.45345
         653860.70    4187138.12        2.20732                      653883.02
4187148.37        2.28042
         653905.33    4187158.61        2.35160                      653927.64
4187168.86        2.42153
         653949.95    4187179.10        2.49053                      653972.27
4187189.34        2.55786
         653994.58    4187199.59        2.62158                      654016.89
4187209.83        2.67806
         654039.20    4187220.08        2.72397                      654061.52
4187230.32        2.75683
         654083.83    4187240.57        2.77700                      654106.14
4187250.81        2.78726
         654128.45    4187261.05        2.79276                      654150.77
4187271.30        2.79916
         654173.08    4187281.54        2.81078                      654195.39
4187291.79        2.82949
         654217.71    4187302.03        2.85419                      654240.02
4187312.28        2.88210
         654262.33    4187322.52        2.90930                      654284.64
4187332.77        2.93234
         654306.96    4187343.01        2.94845                      654329.27
4187353.25        2.95636
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654351.58    4187363.50        2.95590                      654381.92
4187396.95        3.04352
         654389.94    4187420.15        3.13702                      654397.97
4187443.35        3.22703
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654405.99 4187466.56 3.31213 654414.02
4187489.76 3.39020
654422.04 4187512.96 3.45940 654430.07
4187536.17 3.51801
654438.09 4187559.37 3.56505 654446.11
4187582.57 3.60037
654454.14 4187605.78 3.62453 654462.16
4187628.98 3.63868
654470.19 4187652.19 3.64385 654478.21
4187675.39 3.64113
654486.24 4187698.59 3.63121 654494.26
4187721.80 3.61494
654502.29 4187745.00 3.59257 654510.31
4187768.20 3.56428
654518.34 4187791.41 3.52943 654526.36
4187814.61 3.48730
654534.39 4187837.81 3.43703 654542.41
4187861.02 3.37866
654550.43 4187884.22 3.31293 654558.46
4187907.43 3.24138
653838.39 4187127.88 2.13298 653813.61
4187127.22 2.09636
653788.83 4187126.55 2.05978 653764.06
4187125.89 2.02712
653739.28 4187125.23 2.00218 653714.50
4187124.57 1.98722
653863.54 4187038.23 1.81410 653886.02
4187048.55 1.87027
653908.50 4187058.87 1.92485 653930.97
4187069.19 1.97802
653953.45 4187079.51 2.03033 653975.93
4187089.83 2.08226
653998.41 4187100.16 2.13346 654020.88
4187110.48 2.18264
654043.36 4187120.80 2.22762 654065.84
4187131.12 2.26565
654088.32 4187141.44 2.29481 654110.80
4187151.76 2.31423
654133.27 4187162.08 2.32477 654155.75
4187172.40 2.32899
654178.23 4187182.72 2.33069 654200.71
4187193.04 2.33378
654223.19 4187203.36 2.34122 654245.66
4187213.68 2.35425
654268.14 4187224.00 2.37235 654290.62
4187234.32 2.39364
654313.10 4187244.64 2.41561 654335.58
4187254.96 2.43569
654358.05 4187265.28 2.45176 654380.53
4187275.60 2.46240

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         654403.01    4187285.92        2.46699                       654425.49
4187296.24        2.46566
         654456.05    4187329.94        2.53125                       654464.13
4187353.31        2.60201
         654472.22    4187376.69        2.67072                       654480.30
4187400.06        2.73648
         654488.38    4187423.44        2.79820                       654496.47
4187446.81        2.85448
         654504.55    4187470.19        2.90424                       654512.64
4187493.56        2.94636
         654520.72    4187516.94        2.98047                       654528.81
4187540.32        3.00643
         654536.89    4187563.69        3.02473                       654544.97
4187587.07        3.03605
         654553.06    4187610.44        3.04100                       654561.14
4187633.82        3.04037
         654569.23    4187657.19        3.03462                       654577.31
4187680.57        3.02442
         654585.39    4187703.94        3.01018                       654593.48
4187727.32        2.99211
         654601.56    4187750.69        2.97022                       654609.65
4187774.07        2.94394
         654617.73    4187797.45        2.91263                       654625.81
4187820.82        2.87561
         654633.90    4187844.20        2.83259                       654641.98
4187867.57        2.78411
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4187914.32        2.67486
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4187027.25        1.72901
         653791.51    4187026.59        1.70158                    653766.73
4187025.93        1.67749
         653741.95    4187025.27        1.65908                    653717.17
4187024.60        1.64790
         653870.18    4186788.31        1.20392                    653892.62
4186798.61        1.23575
         653915.06    4186808.91        1.26706                    653937.50
4186819.21        1.29738
         653959.94    4186829.52        1.32662                    653982.38
4186839.82        1.35496
         654004.82    4186850.12        1.38284                    654027.26
4186860.43        1.41069
         654049.70    4186870.73        1.43869                    654072.14
4186881.03        1.46663
         654094.58    4186891.33        1.49394                    654117.02
4186901.64        1.51974
         654139.46    4186911.94        1.54289                    654161.90
4186922.24        1.56237
         654184.34    4186932.55        1.57734                    654206.78
4186942.85        1.58730
         654229.22    4186953.15        1.59252                    654251.66
4186963.45        1.59385
         654274.10    4186973.76        1.59275                    654296.54
4186984.06        1.59091
         654318.98    4186994.36        1.59009                    654341.42
4187004.67        1.59165
         654363.86    4187014.97        1.59629                    654386.30
4187025.27        1.60411
         654408.74    4187035.58        1.61463                    654431.18
4187045.88        1.62692
         654453.62    4187056.18        1.63994                    654476.06
4187066.48        1.65260
         654498.50    4187076.79        1.66395                    654520.94
4187087.09        1.67311
         654543.38    4187097.39        1.67962                    654565.82
4187107.70        1.68327
         654588.26    4187118.00        1.68402                    654610.70
4187128.30        1.68213
         654641.21    4187161.94        1.71692                    654649.28
4187185.28        1.75536
         654657.35    4187208.61        1.79316                    654665.42
4187231.95        1.83011
         654673.49    4187255.29        1.86582                    654681.57
4187278.62        1.89988
         654689.64    4187301.96        1.93190                    654697.71
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         654705.78    4187348.63        1.98785                    654713.85
4187371.97        2.01099
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4187465.31        2.06796
         654754.20    4187488.65        2.07393                      654762.27
4187511.98        2.07702
         654770.34    4187535.32        2.07749                      654778.41
4187558.66        2.07556
         654786.48    4187581.99        2.07151                      654794.55
4187605.33        2.06562
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4187698.67        2.02731
         654834.90    4187722.01        2.01402                      654842.97
4187745.35        1.99858
         654851.04    4187768.68        1.98063                      654859.11
4187792.02        1.95983
         654867.19    4187815.35        1.93607                      654875.26
4187838.69        1.90958
         654883.33    4187862.03        1.88081                      654891.40
4187885.36        1.85036
         654899.47    4187908.70        1.81885                      654907.54
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         653847.74    4186778.00        1.17226                      653822.96
4186777.34        1.15616
         653798.18    4186776.68        1.14121                      653773.40
4186776.02        1.12834
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 196
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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653748.63 4186775.35 1.11848 653723.85
4186774.69 1.11225
653876.83 4186538.38 0.86583 653899.25
4186548.68 0.88573
653921.66 4186558.97 0.90569 653944.08
4186569.26 0.92529
653966.50 4186579.55 0.94428 653988.91
4186589.84 0.96249
654011.33 4186600.14 0.97998 654033.75
4186610.43 0.99689
654056.16 4186620.72 1.01352 654078.58
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4186651.60 1.06403
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4186672.18 1.09816
654190.66 4186682.47 1.11451 654213.08
4186692.76 1.12972
654235.49 4186703.06 1.14326 654257.91
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4186754.52 1.17285
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654773.49 4186950.06 1.23451 654795.90
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654826.38 4186993.96 1.25350 654834.44
4187017.27 1.27681
654842.51 4187040.58 1.29987 654850.57
4187063.89 1.32266
654858.63 4187087.21 1.34503 654866.69
4187110.52 1.36679

654874.75 4187133.83 1.38780 654882.82
4187157.14 1.40782
654890.88 4187180.45 1.42673 654898.94
4187203.76 1.44428
654907.00 4187227.08 1.46037 654915.06
4187250.39 1.47475
654923.13 4187273.70 1.48718 654931.19
4187297.01 1.49773
654939.25 4187320.32 1.50642 654947.31
4187343.63 1.51332
654955.37 4187366.94 1.51851 654963.43
4187390.26 1.52210
654971.50 4187413.57 1.52413 654979.56
4187436.88 1.52473
654987.62 4187460.19 1.52400 654995.68
4187483.50 1.52207
655003.74 4187506.81 1.51910 655011.81
4187530.13 1.51525
655019.87 4187553.44 1.51061 655027.93
4187576.75 1.50527
655035.99 4187600.06 1.49949 655044.05
4187623.37 1.49331
655052.12 4187646.68 1.48655 655060.18
4187669.99 1.47908
655068.24 4187693.31 1.47068 655076.30
4187716.62 1.46099
655084.36 4187739.93 1.44979 655092.43
4187763.24 1.43695
655100.49 4187786.55 1.42246 655108.55
4187809.86 1.40641

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

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         654689.90    4186658.71        0.90843                      654712.30
4186668.99        0.91382
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4186689.56        0.92552
         654779.50    4186699.85        0.93129                      654801.90
4186710.13        0.93669
         654824.30    4186720.42        0.94150                      654846.70
4186730.70        0.94552
         654869.10    4186740.99        0.94865                      654891.50
4186751.27        0.95079
         654913.90    4186761.55        0.95193                      654936.30
4186771.84        0.95212
         654958.70    4186782.12        0.95145                      654981.10
4186792.41        0.95005
         655011.55    4186825.99        0.96331                      655019.61
4186849.28        0.97851
         655027.67    4186872.58        0.99363                      655035.72
4186895.87        1.00861
         655043.78    4186919.17        1.02342                      655051.83
4186942.46        1.03800
         655059.89    4186965.76        1.05227                      655067.95
4186989.05        1.06614
         655076.00    4187012.34        1.07954                      655084.06
4187035.64        1.09238
         655092.12    4187058.93        1.10454                      655100.17
4187082.23        1.11594
         655108.23    4187105.52        1.12644                      655116.28
4187128.82        1.13597
         655124.34    4187152.11        1.14445                      655132.40
4187175.41        1.15186
         655140.45    4187198.70        1.15819                      655148.51
4187222.00        1.16345
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655156.56	4187245.29	1.16767	655164.62	4187268.58	1.17091
655172.68	4187291.88	1.17319	655180.73	4187315.17	1.17455
655188.79	4187338.47	1.17504	655196.84	4187361.76	1.17474
655204.90	4187385.06	1.17368	655212.96	4187408.35	1.17194
655221.01	4187431.65	1.16967	655229.07	4187454.94	1.16695
655237.12	4187478.24	1.16390	655245.18	4187501.53	1.16059
655253.24	4187524.83	1.15709	655261.29	4187548.12	1.15349
655269.35	4187571.41	1.14972	655277.40	4187594.71	1.14567
655285.46	4187618.00	1.14119	655293.52	4187641.30	1.13615
655301.57	4187664.59	1.13041	655309.63	4187687.89	1.12380
655317.68	4187711.18	1.11623	655325.74	4187734.48	1.10761
655333.80	4187757.77	1.09794	655341.85	4187781.07	1.08730
655349.91	4187804.36	1.07580	655357.96	4187827.65	1.06362
655366.02	4187850.95	1.05092	655374.08	4187874.24	1.03791
655382.13	4187897.54	1.02477	655390.19	4187920.83	1.01157
655398.25	4187944.13	0.99843	655406.30	4187967.42	0.98539
653861.09	4186278.18	0.64499	653836.31	4186277.52	0.63848
653811.54	4186276.86	0.63260	653786.76	4186276.19	0.62756
653761.98	4186275.53	0.62359	653737.20	4186274.87	0.62083
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653934.93	4186059.11	0.53828	653957.32	4186069.39	0.54787
653979.71	4186079.67	0.55747	654002.10	4186089.94	0.56694
654024.49	4186100.22	0.57616	654046.88	4186110.50	0.58503

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         654069.26    4186120.78        0.59350                      654091.65
4186131.06        0.60156
         654114.04    4186141.34        0.60928                      654136.43
4186151.62        0.61674
         654158.82    4186161.90        0.62408                      654181.20
4186172.18        0.63140
         654203.59    4186182.46        0.63881                      654225.98
4186192.74        0.64639
         654248.37    4186203.01        0.65416                      654270.76
4186213.29        0.66209
         654293.15    4186223.57        0.67014                      654315.53
4186233.85        0.67819
         654337.92    4186244.13        0.68611                      654360.31
4186254.41        0.69376
         654382.70    4186264.69        0.70098                      654405.09
4186274.97        0.70757
         654427.48    4186285.25        0.71338                      654449.86
4186295.53        0.71823
         654472.25    4186305.81        0.72198                      654494.64
4186316.08        0.72457
         654517.03    4186326.36        0.72597                      654539.42
4186336.64        0.72623
         654561.81    4186346.92        0.72557                      654584.19
4186357.20        0.72418
         654606.58    4186367.48        0.72227                      654628.97
4186377.76        0.72010
         654651.36    4186388.04        0.71796                      654673.75
4186398.32        0.71617
         654696.13    4186408.60        0.71496                      654718.52
4186418.88        0.71451
         654740.91    4186429.16        0.71491                      654763.30
4186439.43        0.71619
         654785.69    4186449.71        0.71831                      654808.08
4186459.99        0.72116
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 199
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654830.46	4186470.27	0.72461	654852.85	4186480.55	0.72852
654875.24	4186490.83	0.73273	654897.63	4186501.11	0.73707
654920.02	4186511.39	0.74139	654942.41	4186521.67	0.74554
654964.79	4186531.95	0.74940	654987.18	4186542.23	0.75284
655009.57	4186552.50	0.75576	655031.96	4186562.78	0.75808
655054.35	4186573.06	0.75976	655076.74	4186583.34	0.76079
655099.12	4186593.62	0.76118	655121.51	4186603.90	0.76099
655143.90	4186614.18	0.76028	655166.29	4186624.46	0.75913
655196.73	4186658.02	0.76819	655204.78	4186681.30	0.77872
655212.83	4186704.58	0.78920	655220.88	4186727.87	0.79963
655228.94	4186751.15	0.80996	655236.99	4186774.43	0.82018
655245.04	4186797.71	0.83025	655253.09	4186821.00	0.84014
655261.14	4186844.28	0.84982	655269.19	4186867.56	0.85924
655277.25	4186890.84	0.86835	655285.30	4186914.12	0.87711
655293.35	4186937.41	0.88547	655301.40	4186960.69	0.89333
655309.45	4186983.97	0.90066	655317.51	4187007.25	0.90737
655325.56	4187030.54	0.91344	655333.61	4187053.82	0.91882
655341.66	4187077.10	0.92355	655349.71	4187100.38	0.92761
655357.76	4187123.66	0.93103	655365.82	4187146.95	0.93384
655373.87	4187170.23	0.93605	655381.92	4187193.51	0.93765
655389.97	4187216.79	0.93868	655398.02	4187240.08	0.93914
655406.07	4187263.36	0.93904	655414.13	4187286.64	0.93841

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         655422.18    4187309.92        0.93733                      655430.23
4187333.20        0.93586
         655438.28    4187356.49        0.93409                      655446.33
4187379.77        0.93207
         655454.39    4187403.05        0.92986                      655462.44
4187426.33        0.92756
         655470.49    4187449.62        0.92518                      655478.54
4187472.90        0.92275
         655486.59    4187496.18        0.92027                      655494.64
4187519.46        0.91772
         655502.70    4187542.74        0.91504                      655510.75
4187566.03        0.91216
         655518.80    4187589.31        0.90895                      655526.85
4187612.59        0.90533
         655534.90    4187635.87        0.90120                      655542.95
4187659.16        0.89646
         655551.01    4187682.44        0.89106                      655559.06
4187705.72        0.88496
         655567.11    4187729.00        0.87817                      655575.16
4187752.28        0.87073
         655583.21    4187775.57        0.86271                      655591.27
4187798.85        0.85420
         655599.32    4187822.13        0.84532                      655607.37
4187845.41        0.83619
         655615.42    4187868.70        0.82691                      655623.47
4187891.98        0.81758
         655631.52    4187915.26        0.80827                      655639.58
4187938.54        0.79903
         655647.63    4187961.83        0.78990                      655655.68
4187985.11        0.78085
         653867.77    4186028.27        0.51087                      653842.99
4186027.61        0.50636
         653818.21    4186026.95        0.50231                      653793.44
4186026.28        0.49882
         653768.66    4186025.62        0.49601                      653743.88
4186024.96        0.49398
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653903.50	4185538.72	0.35203	653925.87	4185548.99	0.35701
653948.24	4185559.26	0.36217	653970.61	4185569.54	0.36749
653992.98	4185579.81	0.37293	654015.36	4185590.08	0.37843
654037.73	4185600.35	0.38394	654060.10	4185610.62	0.38939
654082.47	4185620.89	0.39472	654104.84	4185631.17	0.39989
654127.22	4185641.44	0.40486	654149.59	4185651.71	0.40958
654171.96	4185661.98	0.41406	654194.33	4185672.25	0.41831
654216.70	4185682.52	0.42239	654239.08	4185692.80	0.42633
654261.45	4185703.07	0.43021	654283.82	4185713.34	0.43408
654306.19	4185723.61	0.43799	654328.57	4185733.88	0.44198
654350.94	4185744.15	0.44609	654373.31	4185754.43	0.45033
654395.68	4185764.70	0.45467	654418.05	4185774.97	0.45912
654440.43	4185785.24	0.46363	654462.80	4185795.51	0.46817
654485.17	4185805.78	0.47268	654507.54	4185816.06	0.47712
654529.91	4185826.33	0.48143	654552.29	4185836.60	0.48553
654574.66	4185846.87	0.48935	654597.03	4185857.14	0.49282
654619.40	4185867.41	0.49586	654641.78	4185877.69	0.49842
654664.15	4185887.96	0.50044	654686.52	4185898.23	0.50188
654708.89	4185908.50	0.50274	654731.26	4185918.77	0.50301
654753.64	4185929.04	0.50274	654776.01	4185939.32	0.50200
654798.38	4185949.59	0.50086	654820.75	4185959.86	0.49943

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         654843.12    4185970.13        0.49782                      654865.50
4185980.40        0.49615
         654887.87    4185990.67        0.49456                      654910.24
4186000.95        0.49316
         654932.61    4186011.22        0.49204                      654954.98
4186021.49        0.49130
         654977.36    4186031.76        0.49099                      654999.73
4186042.03        0.49114
         655022.10    4186052.30        0.49176                      655044.47
4186062.58        0.49283
         655066.85    4186072.85        0.49430                      655089.22
4186083.12        0.49612
         655111.59    4186093.39        0.49821                      655133.96
4186103.66        0.50053
         655156.33    4186113.94        0.50299                      655178.71
4186124.21        0.50553
         655201.08    4186134.48        0.50810                      655223.45
4186144.75        0.51065
         655245.82    4186155.02        0.51312                      655268.19
4186165.29        0.51547
         655290.57    4186175.57        0.51766                      655312.94
4186185.84        0.51961
         655335.31    4186196.11        0.52132                      655357.68
4186206.38        0.52275
         655380.06    4186216.65        0.52385                      655402.43
4186226.92        0.52463
         655424.80    4186237.20        0.52509                      655447.17
4186247.47        0.52524
         655469.54    4186257.74        0.52511                      655491.92
4186268.01        0.52474
         655514.29    4186278.28        0.52415                      655536.66
4186288.55        0.52338
         655567.08    4186322.09        0.52817                      655575.12
4186345.36        0.53388
         655583.17    4186368.62        0.53957                      655591.22
4186391.89        0.54525
         655599.26    4186415.15        0.55091                      655607.31
4186438.42        0.55654
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655615.35	4186461.68	0.56211	655623.40	4186484.95	0.56763
655631.45	4186508.21	0.57308	655639.49	4186531.48	0.57845
655647.54	4186554.75	0.58375	655655.58	4186578.01	0.58895
655663.63	4186601.28	0.59405	655671.68	4186624.54	0.59903
655679.72	4186647.81	0.60389	655687.77	4186671.07	0.60859
655695.81	4186694.34	0.61309	655703.86	4186717.60	0.61736
655711.91	4186740.87	0.62140	655719.95	4186764.13	0.62516
655728.00	4186787.40	0.62864	655736.04	4186810.67	0.63181
655744.09	4186833.93	0.63468	655752.14	4186857.20	0.63725
655760.18	4186880.46	0.63952	655768.23	4186903.73	0.64152
655776.27	4186926.99	0.64324	655784.32	4186950.26	0.64468
655792.37	4186973.52	0.64584	655800.41	4186996.79	0.64673
655808.46	4187020.06	0.64732	655816.50	4187043.32	0.64763
655824.55	4187066.59	0.64766	655832.60	4187089.85	0.64741
655840.64	4187113.12	0.64691	655848.69	4187136.38	0.64619
655856.73	4187159.65	0.64528	655864.78	4187182.91	0.64422
655872.83	4187206.18	0.64304	655880.87	4187229.44	0.64178
655888.92	4187252.71	0.64047	655896.96	4187275.98	0.63914
655905.01	4187299.24	0.63780	655913.06	4187322.51	0.63648
655921.10	4187345.77	0.63518	655929.15	4187369.04	0.63390

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         655937.19    4187392.30        0.63262                       655945.24
4187415.57        0.63134
         655953.29    4187438.83        0.63003                       655961.33
4187462.10        0.62864
         655969.38    4187485.36        0.62714                       655977.42
4187508.63        0.62549
         655985.47    4187531.90        0.62362                       655993.52
4187555.16        0.62150
         656001.56    4187578.43        0.61909                       656009.61
4187601.69        0.61635
         656017.65    4187624.96        0.61327                       656025.70
4187648.22        0.60984
         656033.75    4187671.49        0.60605                       656041.79
4187694.75        0.60194
         656049.84    4187718.02        0.59752                       656057.88
4187741.28        0.59284
         656065.93    4187764.55        0.58794                       656073.98
4187787.82        0.58288
         656082.02    4187811.08        0.57770                       656090.07
4187834.35        0.57244
         656098.11    4187857.61        0.56717                       656106.16
4187880.88        0.56190
         656114.20    4187904.14        0.55667                       656122.25
4187927.41        0.55150
         656130.30    4187950.67        0.54641                       656138.34
4187973.94        0.54140
         656146.39    4187997.20        0.53645                       656154.43
4188020.47        0.53156
         653881.12    4185528.45        0.34727                       653856.35
4185527.79        0.34481
         653831.57    4185527.12        0.34258                       653806.79
4185526.46        0.34063
         653782.01    4185525.80        0.33899                       653757.23
4185525.14        0.33772
         653916.84    4185038.89        0.25752                       653939.20
4185049.16        0.26050
         653961.56    4185059.43        0.26360                       653983.92
4185069.69        0.26681
         654006.29    4185079.96        0.27011                       654028.65
4185090.23        0.27348
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
```

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654051.01	4185100.49	0.27692	654073.37	4185110.76	0.28039
654095.73	4185121.03	0.28387	654118.09	4185131.30	0.28732
654140.46	4185141.56	0.29072	654162.82	4185151.83	0.29404
654185.18	4185162.10	0.29724	654207.54	4185172.36	0.30030
654229.90	4185182.63	0.30322	654252.26	4185192.90	0.30600
654274.63	4185203.16	0.30863	654296.99	4185213.43	0.31114
654319.35	4185223.70	0.31355	654341.71	4185233.96	0.31589
654364.07	4185244.23	0.31819	654386.43	4185254.50	0.32049
654408.80	4185264.77	0.32281	654431.16	4185275.03	0.32518
654453.52	4185285.30	0.32761	654475.88	4185295.57	0.33012
654498.24	4185305.83	0.33271	654520.60	4185316.10	0.33537
654542.97	4185326.37	0.33811	654565.33	4185336.63	0.34090
654587.69	4185346.90	0.34373	654610.05	4185357.17	0.34658
654632.41	4185367.43	0.34944	654654.77	4185377.70	0.35228
654677.14	4185387.97	0.35507	654699.50	4185398.23	0.35779
654721.86	4185408.50	0.36040	654744.22	4185418.77	0.36287
654766.58	4185429.04	0.36516	654788.94	4185439.30	0.36723
654811.31	4185449.57	0.36906	654833.67	4185459.84	0.37060
654856.03	4185470.10	0.37183	654878.39	4185480.37	0.37274

654900.75 4185490.64 0.37331 654923.11
4185500.90 0.37355
654945.48 4185511.17 0.37348 654967.84
4185521.44 0.37311
654990.20 4185531.70 0.37247 655012.56
4185541.97 0.37162
655034.92 4185552.24 0.37059 655057.28
4185562.51 0.36944
655079.64 4185572.77 0.36823 655102.01
4185583.04 0.36701
655124.37 4185593.31 0.36585 655146.73
4185603.57 0.36479
655169.09 4185613.84 0.36390 655191.45
4185624.11 0.36320
655213.81 4185634.37 0.36274 655236.18
4185644.64 0.36254
655258.54 4185654.91 0.36261 655280.90
4185665.17 0.36295
655303.26 4185675.44 0.36355 655325.62
4185685.71 0.36438
655347.98 4185695.97 0.36543 655370.35
4185706.24 0.36666
655392.71 4185716.51 0.36803 655415.07
4185726.78 0.36953
655437.43 4185737.04 0.37110 655459.79
4185747.31 0.37274
655482.15 4185757.58 0.37440 655504.52
4185767.84 0.37607
655526.88 4185778.11 0.37773 655549.24
4185788.38 0.37935
655571.60 4185798.64 0.38090 655593.96
4185808.91 0.38238
655616.32 4185819.18 0.38375 655638.69
4185829.44 0.38500
655661.05 4185839.71 0.38610 655683.41
4185849.98 0.38704
655705.77 4185860.25 0.38781 655728.13
4185870.51 0.38838
655750.49 4185880.78 0.38877 655772.86
4185891.05 0.38898
655795.22 4185901.31 0.38901 655817.58
4185911.58 0.38888

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655839.94	4185921.85	0.38861	655862.30	4185932.11	0.38824
655884.66	4185942.38	0.38777	655907.03	4185952.65	0.38723
655937.43	4185986.17	0.39010	655945.47	4186009.42	0.39357
655953.51	4186032.68	0.39705	655961.56	4186055.93	0.40052
655969.60	4186079.19	0.40399	655977.64	4186102.44	0.40746
655985.68	4186125.70	0.41090	655993.73	4186148.95	0.41432
656001.77	4186172.21	0.41772	656009.81	4186195.46	0.42107
656017.85	4186218.71	0.42439	656025.89	4186241.97	0.42767
656033.94	4186265.22	0.43090	656041.98	4186288.48	0.43410
656050.02	4186311.73	0.43725	656058.06	4186334.99	0.44036
656066.11	4186358.24	0.44342	656074.15	4186381.50	0.44643
656082.19	4186404.75	0.44937	656090.23	4186428.01	0.45222
656098.27	4186451.26	0.45498	656106.32	4186474.51	0.45760
656114.36	4186497.77	0.46010	656122.40	4186521.02	0.46245
656130.44	4186544.28	0.46465	656138.49	4186567.53	0.46668
656146.53	4186590.79	0.46856	656154.57	4186614.04	0.47028
656162.61	4186637.30	0.47184	656170.65	4186660.55	0.47326
656178.70	4186683.81	0.47454	656186.74	4186707.06	0.47567

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         656194.78    4186730.32        0.47667                      656202.82
4186753.57        0.47752
         656210.87    4186776.82        0.47822                      656218.91
4186800.08        0.47876
         656226.95    4186823.33        0.47915                      656234.99
4186846.59        0.47936
         656243.03    4186869.84        0.47941                      656251.08
4186893.10        0.47929
         656259.12    4186916.35        0.47902                      656267.16
4186939.61        0.47860
         656275.20    4186962.86        0.47806                      656283.25
4186986.12        0.47742
         656291.29    4187009.37        0.47669                      656299.33
4187032.62        0.47590
         656307.37    4187055.88        0.47507                      656315.41
4187079.13        0.47421
         656323.46    4187102.39        0.47334                      656331.50
4187125.64        0.47248
         656339.54    4187148.90        0.47162                      656347.58
4187172.15        0.47078
         656355.63    4187195.41        0.46997                      656363.67
4187218.66        0.46918
         656371.71    4187241.92        0.46842                      656379.75
4187265.17        0.46768
         656387.79    4187288.43        0.46695                      656395.84
4187311.68        0.46622
         656403.88    4187334.93        0.46549                      656411.92
4187358.19        0.46472
         656419.96    4187381.44        0.46391                      656428.01
4187404.70        0.46303
         656436.05    4187427.95        0.46205                      656444.09
4187451.21        0.46095
         656452.13    4187474.46        0.45972                      656460.17
4187497.72        0.45832
         656468.22    4187520.97        0.45674                      656476.26
4187544.23        0.45497
         656484.30    4187567.48        0.45301                      656492.34
4187590.74        0.45085
         656500.39    4187613.99        0.44849                      656508.43
4187637.24        0.44595
         656516.47    4187660.50        0.44323                      656524.51
4187683.75        0.44036
         656532.55    4187707.01        0.43736                      656540.60
4187730.26        0.43425
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656548.64	4187753.52	0.43104	656556.68	4187776.77	0.42777
656564.72	4187800.03	0.42446	656572.77	4187823.28	0.42112
656580.81	4187846.54	0.41778	656588.85	4187869.79	0.41446
656596.89	4187893.04	0.41118	656604.93	4187916.30	0.40793
656612.98	4187939.55	0.40474	656621.02	4187962.81	0.40160
656629.06	4187986.06	0.39852	656637.10	4188009.32	0.39548
656645.15	4188032.57	0.39249	656653.19	4188055.83	0.38953
653894.48	4185028.63	0.25465	653869.70	4185027.96	0.25316
653844.92	4185027.30	0.25180	653820.14	4185026.64	0.25058
653795.36	4185025.98	0.24953	653770.59	4185025.32	0.24868
653930.19	4184539.07	0.19820	653952.54	4184549.33	0.20015
653974.89	4184559.60	0.20217	653997.25	4184569.86	0.20426
654019.60	4184580.12	0.20641	654041.96	4184590.39	0.20862
654064.31	4184600.65	0.21088	654086.67	4184610.91	0.21318
654109.02	4184621.18	0.21552	654131.37	4184631.44	0.21787
654153.73	4184641.70	0.22024	654176.08	4184651.97	0.22259
654198.44	4184662.23	0.22491	654220.79	4184672.49	0.22719

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         654243.15    4184682.76        0.22941                    654265.50
4184693.02        0.23155
         654287.85    4184703.28        0.23360                    654310.21
4184713.55        0.23556
         654332.56    4184723.81        0.23742                    654354.92
4184734.08        0.23918
         654377.27    4184744.34        0.24086                    654399.63
4184754.60        0.24245
         654421.98    4184764.87        0.24399                    654444.33
4184775.13        0.24549
         654466.69    4184785.39        0.24697                    654489.04
4184795.66        0.24844
         654511.40    4184805.92        0.24993                    654533.75
4184816.18        0.25145
         654556.11    4184826.45        0.25301                    654578.46
4184836.71        0.25462
         654600.82    4184846.97        0.25628                    654623.17
4184857.24        0.25799
         654645.52    4184867.50        0.25976                    654667.88
4184877.76        0.26157
         654690.23    4184888.03        0.26342                    654712.59
4184898.29        0.26530
         654734.94    4184908.56        0.26722                    654757.30
4184918.82        0.26914
         654779.65    4184929.08        0.27108                    654802.00
4184939.35        0.27301
         654824.36    4184949.61        0.27493                    654846.71
4184959.87        0.27683
         654869.07    4184970.14        0.27868                    654891.42
4184980.40        0.28046
         654913.78    4184990.66        0.28217                    654936.13
4185000.93        0.28378
         654958.48    4185011.19        0.28527                    654980.84
4185021.45        0.28662
         655003.19    4185031.72        0.28781                    655025.55
4185041.98        0.28881
         655047.90    4185052.24        0.28963                    655070.26
4185062.51        0.29025
         655092.61    4185072.77        0.29067                    655114.96
4185083.04        0.29088
         655137.32    4185093.30        0.29090                    655159.67
4185103.56        0.29072
         655182.03    4185113.83        0.29038                    655204.38
4185124.09        0.28987
         655226.74    4185134.35        0.28924                    655249.09
4185144.62        0.28849
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655271.44	4185154.88	0.28765	655293.80	4185165.14	0.28675
655316.15	4185175.41	0.28584	655338.51	4185185.67	0.28493
655360.86	4185195.93	0.28406	655383.22	4185206.20	0.28325
655405.57	4185216.46	0.28255	655427.93	4185226.72	0.28196
655450.28	4185236.99	0.28151	655472.63	4185247.25	0.28122
655494.99	4185257.52	0.28109	655517.34	4185267.78	0.28113
655539.70	4185278.04	0.28134	655562.05	4185288.31	0.28171
655584.41	4185298.57	0.28223	655606.76	4185308.83	0.28289
655629.11	4185319.10	0.28367	655651.47	4185329.36	0.28455
655673.82	4185339.62	0.28552	655696.18	4185349.89	0.28656
655718.53	4185360.15	0.28765	655740.89	4185370.41	0.28878
655763.24	4185380.68	0.28992	655785.59	4185390.94	0.29108
655807.95	4185401.20	0.29223	655830.30	4185411.47	0.29336
655852.66	4185421.73	0.29448	655875.01	4185432.00	0.29556
655897.37	4185442.26	0.29660	655919.72	4185452.52	0.29759
655942.07	4185462.79	0.29852	655964.43	4185473.05	0.29937

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         655986.78    4185483.31        0.30014                     656009.14
4185493.58        0.30081
         656031.49    4185503.84        0.30136                     656053.85
4185514.10        0.30181
         656076.20    4185524.37        0.30214                     656098.55
4185534.63        0.30235
         656120.91    4185544.89        0.30245                     656143.26
4185555.16        0.30244
         656165.62    4185565.42        0.30235                     656187.97
4185575.68        0.30217
         656210.33    4185585.95        0.30193                     656232.68
4185596.21        0.30162
         656255.04    4185606.48        0.30127                     656277.39
4185616.74        0.30088
         656307.78    4185650.25        0.30273                     656315.82
4185673.50        0.30501
         656323.86    4185696.74        0.30730                     656331.90
4185719.99        0.30959
         656339.94    4185743.24        0.31188                     656347.98
4185766.48        0.31417
         656356.02    4185789.73        0.31646                     656364.06
4185812.98        0.31873
         656372.10    4185836.23        0.32098                     656380.14
4185859.47        0.32321
         656388.18    4185882.72        0.32542                     656396.22
4185905.97        0.32760
         656404.26    4185929.21        0.32977                     656412.30
4185952.46        0.33191
         656420.34    4185975.71        0.33403                     656428.38
4185998.95        0.33613
         656436.42    4186022.20        0.33821                     656444.46
4186045.45        0.34029
         656452.50    4186068.69        0.34235                     656460.54
4186091.94        0.34439
         656468.58    4186115.19        0.34640                     656476.61
4186138.44        0.34838
         656484.65    4186161.68        0.35031                     656492.69
4186184.93        0.35220
         656500.73    4186208.18        0.35402                     656508.77
4186231.42        0.35578
         656516.81    4186254.67        0.35745                     656524.85
4186277.92        0.35903
         656532.89    4186301.16        0.36052                     656540.93
4186324.41        0.36192
         656548.97    4186347.66        0.36322                     656557.01
4186370.91        0.36443
         656565.05    4186394.15        0.36555                     656573.09
4186417.40        0.36659
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
                             INCLUDING SOURCE(S):   STCK2   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

656822.32 4187138.05 0.36262 656830.36 4187161.30 0.36215
656838.40 4187184.55 0.36170 656846.44 4187207.80 0.36126
656854.47 4187231.04 0.36081 656862.51 4187254.29 0.36036
656870.55 4187277.54 0.35989 656878.59 4187300.78 0.35938
656886.63 4187324.03 0.35883 656894.67 4187347.28 0.35822
656902.71 4187370.52 0.35754 656910.75 4187393.77 0.35677
656918.79 4187417.02 0.35591 656926.83 4187440.27 0.35493
656934.87 4187463.51 0.35385 656942.91 4187486.76 0.35264
656950.95 4187510.01 0.35131 656958.99 4187533.25 0.34985
656967.03 4187556.50 0.34827 656975.07 4187579.75 0.34657
656983.11 4187602.99 0.34477 656991.15 4187626.24 0.34286
656999.19 4187649.49 0.34087 657007.23 4187672.73 0.33880
657015.27 4187695.98 0.33666 657023.31 4187719.23 0.33447
657031.35 4187742.48 0.33223 657039.39 4187765.72 0.32997
657047.42 4187788.97 0.32770 657055.46 4187812.22 0.32542
657063.50 4187835.46 0.32314 657071.54 4187858.71 0.32089
657079.58 4187881.96 0.31865 657087.62 4187905.20 0.31645
657095.66 4187928.45 0.31429 657103.70 4187951.70 0.31217
657111.74 4187974.95 0.31008 657119.78 4187998.19 0.30804
657127.82 4188021.44 0.30603 657135.86 4188044.69 0.30406
657143.90 4188067.93 0.30211 657151.94 4188091.18 0.30018
653907.83 4184528.80 0.19631 653883.05 4184528.14 0.19532
653858.27 4184527.48 0.19441 653833.50 4184526.82 0.19358
653808.72 4184526.16 0.19284 653783.94 4184525.49 0.19222
653943.53 4184039.24 0.15815 653965.88 4184049.51 0.15952

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653988.23	4184059.77	0.16093	654010.58	4184070.03	0.16237
654032.93	4184080.29	0.16386	654055.28	4184090.55	0.16539
654077.63	4184100.81	0.16695	654099.98	4184111.07	0.16855
654122.32	4184121.33	0.17018	654144.67	4184131.59	0.17183
654167.02	4184141.85	0.17350	654189.37	4184152.12	0.17518
654211.72	4184162.38	0.17686	654234.07	4184172.64	0.17854
654256.42	4184182.90	0.18022	654278.77	4184193.16	0.18187
654301.12	4184203.42	0.18348	654323.46	4184213.68	0.18505
654345.81	4184223.94	0.18656	654368.16	4184234.20	0.18801
654390.51	4184244.47	0.18939	654412.86	4184254.73	0.19070
654435.21	4184264.99	0.19195	654457.56	4184275.25	0.19313
654479.91	4184285.51	0.19426	654502.26	4184295.77	0.19534
654524.61	4184306.03	0.19639	654546.95	4184316.29	0.19741
654569.30	4184326.55	0.19841	654591.65	4184336.81	0.19942

654614.00 4184347.08 0.20044 654636.35
4184357.34 0.20147
654658.70 4184367.60 0.20254 654681.05
4184377.86 0.20364
654703.40 4184388.12 0.20477 654725.75
4184398.38 0.20594
654748.09 4184408.64 0.20714 654770.44
4184418.90 0.20838
654792.79 4184429.16 0.20965 654815.14
4184439.42 0.21095
654837.49 4184449.69 0.21227 654859.84
4184459.95 0.21361
654882.19 4184470.21 0.21497 654904.54
4184480.47 0.21634
654926.89 4184490.73 0.21772 654949.23
4184500.99 0.21910
654971.58 4184511.25 0.22048 654993.93
4184521.51 0.22185
655016.28 4184531.77 0.22321 655038.63
4184542.04 0.22454
655060.98 4184552.30 0.22583 655083.33
4184562.56 0.22708
655105.68 4184572.82 0.22826 655128.03
4184583.08 0.22938
655150.37 4184593.34 0.23041 655172.72
4184603.60 0.23134
655195.07 4184613.86 0.23216 655217.42
4184624.12 0.23286
655239.77 4184634.38 0.23344 655262.12
4184644.65 0.23388
655284.47 4184654.91 0.23420 655306.82
4184665.17 0.23438
655329.17 4184675.43 0.23443 655351.51
4184685.69 0.23435
655373.86 4184695.95 0.23415 655396.21
4184706.21 0.23385
655418.56 4184716.47 0.23345 655440.91
4184726.73 0.23296
655463.26 4184736.99 0.23240 655485.61
4184747.26 0.23179
655507.96 4184757.52 0.23114 655530.31
4184767.78 0.23046
655552.65 4184778.04 0.22977 655575.00
4184788.30 0.22909
655597.35 4184798.56 0.22844 655619.70
4184808.82 0.22783
655642.05 4184819.08 0.22728 655664.40
4184829.34 0.22680
655686.75 4184839.61 0.22641 655709.10
4184849.87 0.22611

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655776.14	4184880.65	0.22586	655798.49	4184890.91	0.22600
655820.84	4184901.17	0.22624	655843.19	4184911.43	0.22659
655865.54	4184921.69	0.22703	655887.89	4184931.95	0.22756
655910.24	4184942.22	0.22817	655932.59	4184952.48	0.22884
655954.93	4184962.74	0.22956	655977.28	4184973.00	0.23033
655999.63	4184983.26	0.23114	656021.98	4184993.52	0.23196
656044.33	4185003.78	0.23281	656066.68	4185014.04	0.23366
656089.03	4185024.30	0.23451	656111.38	4185034.57	0.23534
656133.73	4185044.83	0.23615	656156.07	4185055.09	0.23693
656178.42	4185065.35	0.23770	656200.77	4185075.61	0.23846
656223.12	4185085.87	0.23920	656245.47	4185096.13	0.23990
656267.82	4185106.39	0.24056	656290.17	4185116.65	0.24118
656312.52	4185126.91	0.24174	656334.87	4185137.18	0.24224

656357.22 4185147.44 0.24267 656379.56
4185157.70 0.24303
656401.91 4185167.96 0.24330 656424.26
4185178.22 0.24350
656446.61 4185188.48 0.24363 656468.96
4185198.74 0.24368
656491.31 4185209.00 0.24366 656513.66
4185219.26 0.24358
656536.01 4185229.52 0.24345 656558.36
4185239.79 0.24327
656580.70 4185250.05 0.24306 656603.05
4185260.31 0.24281
656625.40 4185270.57 0.24254 656647.75
4185280.83 0.24225
656678.14 4185314.33 0.24353 656686.17
4185337.57 0.24512
656694.21 4185360.81 0.24672 656702.25
4185384.06 0.24832
656710.29 4185407.30 0.24992 656718.33
4185430.54 0.25153
656726.36 4185453.78 0.25314 656734.40
4185477.02 0.25473
656742.44 4185500.26 0.25632 656750.48
4185523.50 0.25787
656758.51 4185546.75 0.25943 656766.55
4185569.99 0.26098
656774.59 4185593.23 0.26251 656782.63
4185616.47 0.26403
656790.66 4185639.71 0.26553 656798.70
4185662.95 0.26702
656806.74 4185686.19 0.26850 656814.78
4185709.43 0.26996
656822.81 4185732.68 0.27142 656830.85
4185755.92 0.27287
656838.89 4185779.16 0.27430 656846.93
4185802.40 0.27573
656854.97 4185825.64 0.27716 656863.00
4185848.88 0.27857
656871.04 4185872.12 0.27996 656879.08
4185895.37 0.28134
656887.12 4185918.61 0.28269 656895.15
4185941.85 0.28401
656903.19 4185965.09 0.28528 656911.23
4185988.33 0.28651
656919.27 4186011.57 0.28768 656927.30
4186034.81 0.28880
656935.34 4186058.05 0.28986 656943.38
4186081.30 0.29086
656951.42 4186104.54 0.29179 656959.45
4186127.78 0.29268

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656999.64	4186243.98	0.29632	657007.68	4186267.23	0.29691
657015.72	4186290.47	0.29746	657023.76	4186313.71	0.29796
657031.79	4186336.95	0.29841	657039.83	4186360.19	0.29880
657047.87	4186383.43	0.29912	657055.91	4186406.67	0.29939
657063.94	4186429.92	0.29958	657071.98	4186453.16	0.29969
657080.02	4186476.40	0.29973	657088.06	4186499.64	0.29969
657096.09	4186522.88	0.29958	657104.13	4186546.12	0.29940
657112.17	4186569.36	0.29916	657120.21	4186592.60	0.29885
657128.24	4186615.85	0.29850	657136.28	4186639.09	0.29810
657144.32	4186662.33	0.29768	657152.36	4186685.57	0.29724
657160.40	4186708.81	0.29678	657168.43	4186732.05	0.29632
657176.47	4186755.29	0.29585	657184.51	4186778.54	0.29538

657192.55 4186801.78 0.29492 657200.58
4186825.02 0.29446
657208.62 4186848.26 0.29402 657216.66
4186871.50 0.29358
657224.70 4186894.74 0.29316 657232.73
4186917.98 0.29276
657240.77 4186941.22 0.29237 657248.81
4186964.47 0.29199
657256.85 4186987.71 0.29163 657264.88
4187010.95 0.29129
657272.92 4187034.19 0.29096 657280.96
4187057.43 0.29065
657289.00 4187080.67 0.29035 657297.03
4187103.91 0.29006
657305.07 4187127.16 0.28977 657313.11
4187150.40 0.28948
657321.15 4187173.64 0.28918 657329.19
4187196.88 0.28887
657337.22 4187220.12 0.28853 657345.26
4187243.36 0.28817
657353.30 4187266.60 0.28776 657361.34
4187289.84 0.28731
657369.37 4187313.09 0.28680 657377.41
4187336.33 0.28623
657385.45 4187359.57 0.28559 657393.49
4187382.81 0.28487
657401.52 4187406.05 0.28408 657409.56
4187429.29 0.28320
657417.60 4187452.53 0.28224 657425.64
4187475.77 0.28120
657433.67 4187499.02 0.28008 657441.71
4187522.26 0.27889
657449.75 4187545.50 0.27761 657457.79
4187568.74 0.27627
657465.83 4187591.98 0.27487 657473.86
4187615.22 0.27341
657481.90 4187638.46 0.27190 657489.94
4187661.71 0.27035
657497.98 4187684.95 0.26878 657506.01
4187708.19 0.26716
657514.05 4187731.43 0.26553 657522.09
4187754.67 0.26389
657530.13 4187777.91 0.26224 657538.16
4187801.15 0.26060
657546.20 4187824.39 0.25896 657554.24
4187847.64 0.25733
657562.28 4187870.88 0.25573 657570.31
4187894.12 0.25414
657578.35 4187917.36 0.25257 657586.39
4187940.60 0.25103

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         653644.00    4187794.45       24.12431                    653593.65
4187890.83       36.27389
         653591.83    4187932.59       52.09219                    653590.01
4187974.36       70.86020
         653552.54    4187850.57       20.58863                    653568.40
4187816.17       18.27836
         653584.26    4187781.77       16.64913                    653609.91
4187757.87       16.54555
         653645.34    4187744.46       16.92024                    653543.70
4187888.65       25.15674
         653541.88    4187930.42       32.35117                    653540.06
4187972.18       39.72355
         653502.59    4187848.39       15.81108                    653518.45
4187813.99       14.10688
         653534.31    4187779.60       12.78991                    653550.17
4187745.20       11.85363
         653575.82    4187721.30       11.95299                    653611.24
4187707.89       12.65239
         653646.67    4187694.48       12.51489                    653493.75
4187886.47       18.29068
         653491.93    4187928.24       22.08208                    653490.11
4187970.00       25.72147
         653452.64    4187846.22       12.41593                    653468.50
4187811.82       11.42517
         653484.36    4187777.42       10.34889                    653500.22
4187743.02        9.52354
         653516.08    4187708.62        8.92349                    653541.72
4187684.72        9.03711
         653577.15    4187671.31        9.67842                    653612.58
4187657.91        9.92937
         653648.01    4187644.50        9.63588                    653443.80
4187884.30       13.89544
         653441.98    4187926.06       16.11720                    653440.16
4187967.83       18.19297
         653403.41    4187842.48        9.94763                    653420.71
4187804.95        9.30454
         653438.01    4187767.42        8.50911                    653455.31
4187729.90        7.76775
         653472.62    4187692.37        7.22845                    653509.24
4187647.54        7.11371
         653547.89    4187632.91        7.66518                    653586.54
4187618.28        7.98808
         653625.19    4187603.66        7.89771                    653663.83
4187589.03        7.48721
         653393.84    4187882.12       10.93536                    653392.02
4187923.88       12.34393
         653390.20    4187965.65       13.64693                    653353.34
4187840.54        8.17983
         653370.42    4187803.50        7.76647                    653387.50
4187766.45        7.28029
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653665.67	4187538.86	6.11273	653343.89	4187879.94	8.84903
653342.07	4187921.71	9.80066	653340.25	4187963.47	10.67562
653253.29	4187836.50	5.83714	653270.09	4187800.08	5.62303
653286.88	4187763.65	5.40055	653303.68	4187727.23	5.15100
653320.47	4187690.81	4.84182	653337.26	4187654.39	4.52252
653354.06	4187617.97	4.25839	653370.85	4187581.54	4.05029
653406.40	4187538.02	4.00003	653443.91	4187523.83	4.25369
653481.42	4187509.63	4.50293	653518.93	4187495.44	4.69994
653556.44	4187481.24	4.78315	653593.96	4187467.05	4.72144
653631.47	4187452.85	4.54528	653668.98	4187438.66	4.32306

653243.99 4187875.59 6.17504 653242.17 4187917.35 6.67622
653240.35 4187959.12 7.13388 653153.71 4187831.44 4.39410
653171.16 4187793.60 4.27068 653188.61 4187755.76 4.12737
653206.06 4187717.92 3.98566 653223.50 4187680.08 3.82645
653240.95 4187642.24 3.62983 653258.40 4187604.41 3.41815
653275.84 4187566.57 3.23071 653293.29 4187528.73 3.07962
653310.74 4187490.89 2.95641 653338.95 4187464.60 2.97702
653377.92 4187449.85 3.14136 653416.89 4187435.10 3.31606
653455.86 4187420.36 3.47973 653494.83 4187405.61 3.60117
653533.80 4187390.86 3.64526 653572.76 4187376.11 3.59878
653611.73 4187361.36 3.48107 653650.70 4187346.62 3.32568
653144.08 4187871.24 4.58845 653142.26 4187913.00 4.88864
653140.44 4187954.76 5.15996 653053.68 4187827.37 3.44125
653070.86 4187790.10 3.37479 653088.04 4187752.84 3.28514
653105.23 4187715.57 3.19181 653122.41 4187678.31 3.10341
653139.59 4187641.04 3.00470 653156.77 4187603.78 2.88170
653173.96 4187566.51 2.74114 653191.14 4187529.25 2.60174
653208.32 4187491.98 2.48261 653225.50 4187454.72 2.38622
653242.69 4187417.45 2.30440 653270.47 4187391.56 2.31514
653308.85 4187377.03 2.42053 653347.23 4187362.51 2.53697
653385.61 4187347.99 2.65699 653423.98 4187333.46 2.76715
653462.36 4187318.94 2.84985 653500.74 4187304.41 2.88597
653539.12 4187289.89 2.86725 653577.50 4187275.37 2.80174
653615.88 4187260.84 2.70311 653654.26 4187246.32 2.59066
653044.18 4187866.88 3.56311 653042.36 4187908.65 3.75862

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653106.62	4187491.52	2.15508	653123.62	4187454.66	2.06140
653140.61	4187417.81	1.98249	653157.60	4187380.95	1.91497
653174.60	4187344.10	1.85537	653202.07	4187318.49	1.86045
653240.03	4187304.12	1.93207	653277.99	4187289.76	2.01251
653315.95	4187275.39	2.09826	653353.90	4187261.03	2.18438
653391.86	4187246.67	2.26259	653429.82	4187232.30	2.32195
653467.78	4187217.94	2.35159	653505.73	4187203.57	2.34560
653543.69	4187189.21	2.30791	653581.65	4187174.84	2.24559
653619.61	4187160.48	2.16673	653657.56	4187146.11	2.08374

652944.27 4187862.53 2.86011 652942.45
4187904.29 2.99493
652940.63 4187946.06 3.11500 652853.97
4187818.43 2.29567
652871.37 4187780.70 2.26980 652888.77
4187742.98 2.23651
652906.16 4187705.25 2.19176 652923.56
4187667.52 2.14176
652940.95 4187629.79 2.09550 652958.35
4187592.07 2.05200
652975.74 4187554.34 2.00306 652993.14
4187516.61 1.94347
653010.54 4187478.88 1.87269 653027.93
4187441.16 1.79612
653045.33 4187403.43 1.72181 653062.72
4187365.70 1.65681
653080.12 4187327.97 1.60171 653097.51
4187290.25 1.55365
653134.34 4187245.17 1.53504 653173.19
4187230.46 1.58688
653212.05 4187215.76 1.64542 653250.91
4187201.05 1.70924
653289.76 4187186.35 1.77527 653328.62
4187171.65 1.84021
653367.47 4187156.94 1.89709 653406.33
4187142.24 1.93825
653445.18 4187127.53 1.95779 653484.04
4187112.83 1.95545
653522.89 4187098.12 1.92711 653561.75
4187083.42 1.87973
653600.60 4187068.72 1.81919 653639.46
4187054.01 1.75301
653678.32 4187039.31 1.69245 652844.37
4187858.18 2.35677
652842.55 4187899.94 2.45384 652840.73
4187941.70 2.54027
652604.24 4187807.49 1.54336 652621.68
4187769.65 1.53053
652639.13 4187731.81 1.51756 652656.58
4187693.98 1.50198
652674.02 4187656.14 1.48074 652691.47
4187618.30 1.45449
652708.92 4187580.46 1.42761 652726.37
4187542.62 1.40379
652743.81 4187504.78 1.38255 652761.26
4187466.95 1.36035
652778.71 4187429.11 1.33382 652796.15
4187391.27 1.30176
652813.60 4187353.43 1.26467 652831.05
4187315.59 1.22395

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         652848.49    4187277.75        1.18245                       652865.94
4187239.92        1.14367
         652883.39    4187202.08        1.10954                       652900.83
4187164.24        1.07980
         652918.28    4187126.40        1.05322                       652935.73
4187088.56        1.02903
         652963.94    4187062.27        1.02975                       653002.91
4187047.52        1.05594
         653041.88    4187032.77        1.08492                       653080.85
4187018.03        1.11624
         653119.82    4187003.28        1.15004                       653158.79
4186988.53        1.18635
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         653197.76    4186973.78        1.22409                       653236.73
4186959.04        1.26079
         653275.70    4186944.29        1.29343                       653314.67
4186929.54        1.31896
         653353.64    4186914.79        1.33483                       653392.61
4186900.05        1.33925
         653431.57    4186885.30        1.33226                       653470.54
4186870.55        1.31574
         653509.51    4186855.80        1.29160                       653548.48
4186841.06        1.26085
         653587.45    4186826.31        1.22459                       653626.42
4186811.56        1.18596
         653665.39    4186796.81        1.15031                       652594.60
4187847.29        1.57480
         652592.78    4187889.06        1.62356                       652590.96
4187930.82        1.66719
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652354.49 4187796.57 1.12072 652371.97
4187758.66 1.11305
652389.45 4187720.75 1.10535 652406.93
4187682.85 1.09794
652424.41 4187644.94 1.08959 652441.89
4187607.03 1.07844
652459.37 4187569.12 1.06375 652476.85
4187531.21 1.04700
652494.32 4187493.30 1.03076 652511.80
4187455.39 1.01677
652529.28 4187417.49 1.00477 652546.76
4187379.58 0.99299
652564.24 4187341.67 0.97945 652581.72
4187303.76 0.96302
652599.20 4187265.85 0.94360 652616.68
4187227.94 0.92161
652634.16 4187190.03 0.89757 652651.64
4187152.13 0.87238
652669.12 4187114.22 0.84754 652686.60
4187076.31 0.82457
652704.08 4187038.40 0.80419 652721.56
4187000.49 0.78615
652739.03 4186962.58 0.76979 652756.51
4186924.67 0.75464
652793.51 4186879.38 0.74755 652832.56
4186864.60 0.76258
652871.60 4186849.83 0.77903 652910.64
4186835.05 0.79664
652949.68 4186820.28 0.81526 652988.73
4186805.50 0.83520
653027.77 4186790.73 0.85681 653066.81
4186775.95 0.88001
653105.85 4186761.18 0.90381 653144.89
4186746.40 0.92675
653183.94 4186731.63 0.94730 653222.98
4186716.86 0.96410
653262.02 4186702.08 0.97601 653301.06
4186687.31 0.98212
653340.10 4186672.53 0.98206 653379.15
4186657.76 0.97618
653418.19 4186642.98 0.96571 653457.23
4186628.21 0.95163
653496.27 4186613.43 0.93419 653535.31
4186598.66 0.91339
653574.36 4186583.88 0.88966 653613.40
4186569.11 0.86485
653652.44 4186554.33 0.84171 653691.48
4186539.56 0.82292
652344.84 4187836.41 1.13875 652343.02
4187878.17 1.16656

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652332.26	4187292.22	0.76183	652349.76	4187254.27	0.75421
652367.26	4187216.31	0.74505	652384.76	4187178.35	0.73399
652402.27	4187140.39	0.72119	652419.77	4187102.44	0.70698
652437.27	4187064.48	0.69157	652454.77	4187026.52	0.67527
652472.27	4186988.57	0.65867	652489.77	4186950.61	0.64261
652507.28	4186912.65	0.62782	652524.78	4186874.70	0.61459
652542.28	4186836.74	0.60275	652559.78	4186798.78	0.59192

652577.28 4186760.82 0.58178 652594.78
4186722.87 0.57222
652623.08 4186696.49 0.57212 652662.17
4186681.70 0.58163
652701.26 4186666.91 0.59203 652740.36
4186652.11 0.60315
652779.45 4186637.32 0.61476 652818.54
4186622.52 0.62679
652857.63 4186607.73 0.63951 652896.72
4186592.94 0.65327
652935.82 4186578.14 0.66826 652974.91
4186563.35 0.68419
653014.00 4186548.56 0.70018 653053.09
4186533.76 0.71555
653092.18 4186518.97 0.72943 653131.28
4186504.17 0.74107
653170.37 4186489.38 0.75002 653209.46
4186474.59 0.75583
653248.55 4186459.79 0.75810 653287.64
4186445.00 0.75684
653326.74 4186430.21 0.75233 653365.83
4186415.41 0.74536
653404.92 4186400.62 0.73641 653444.01
4186385.82 0.72563
653483.10 4186371.03 0.71284 653522.20
4186356.24 0.69789
653561.29 4186341.44 0.68122 653600.38
4186326.65 0.66401
653639.47 4186311.86 0.64788 653678.56
4186297.06 0.63439
652095.08 4187825.52 0.86823 652093.26
4187867.29 0.88556
652091.44 4187909.05 0.90155 651854.85
4187775.04 0.68054
651872.11 4187737.61 0.67772 651889.38
4187700.17 0.67426
651906.64 4187662.74 0.67060 651923.90
4187625.31 0.66715
651941.16 4187587.87 0.66408 651958.42
4187550.44 0.66107
651975.68 4187513.00 0.65744 651992.94
4187475.57 0.65250
652010.20 4187438.14 0.64599 652027.46
4187400.70 0.63832
652044.72 4187363.27 0.63037 652061.98
4187325.84 0.62303
652079.24 4187288.40 0.61679 652096.50
4187250.97 0.61164
652113.76 4187213.54 0.60714 652131.02
4187176.10 0.60265

652148.28 4187138.67 0.59754 652165.54
4187101.23 0.59135
652182.80 4187063.80 0.58393 652200.06
4187026.37 0.57538
652217.32 4186988.93 0.56595 652234.58
4186951.50 0.55582
652251.84 4186914.07 0.54507 652269.10
4186876.63 0.53383
652286.36 4186839.20 0.52244 652303.62
4186801.77 0.51135
652320.88 4186764.33 0.50101 652338.14
4186726.90 0.49162
652355.40 4186689.46 0.48315 652372.67
4186652.03 0.47543
652389.93 4186614.60 0.46823 652407.19
4186577.16 0.46139
↟ *** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- - - -

652876.44 4186353.23 0.54860 652914.99
4186338.64 0.55996
652953.54 4186324.05 0.57079 652992.10
4186309.46 0.58061
653030.65 4186294.87 0.58914 653069.20
4186280.28 0.59620
653107.75 4186265.69 0.60157 653146.31
4186251.10 0.60502
653184.86 4186236.51 0.60644 653223.41
4186221.92 0.60574
653261.97 4186207.33 0.60302 653300.52
4186192.74 0.59856
653339.07 4186178.15 0.59282 653377.63
4186163.56 0.58606
653416.18 4186148.97 0.57820 653454.73
4186134.38 0.56908
653493.28 4186119.79 0.55857 653531.84
4186105.20 0.54682
653570.39 4186090.61 0.53443 653608.94
4186076.02 0.52230
653647.50 4186061.43 0.51146 653686.05
4186046.84 0.50269
651845.31 4187814.64 0.68764 651843.49
4187856.40 0.69915
651841.67 4187898.17 0.70996 651355.37
4187753.19 0.46349
651372.70 4187715.59 0.46258 651390.04
4187677.99 0.46089
651407.38 4187640.39 0.45879 651424.71
4187602.80 0.45656
651442.05 4187565.20 0.45443 651459.38
4187527.60 0.45258
651476.72 4187490.00 0.45107 651494.06
4187452.40 0.44975
651511.39 4187414.80 0.44833 651528.73
4187377.21 0.44642
651546.07 4187339.61 0.44372 651563.40
4187302.01 0.44016
651580.74 4187264.41 0.43590 651598.07
4187226.81 0.43136
651615.41 4187189.21 0.42696 651632.75
4187151.62 0.42306
651650.08 4187114.02 0.41980 651667.42
4187076.42 0.41713
651684.76 4187038.82 0.41486 651702.09
4187001.22 0.41277
651719.43 4186963.62 0.41060 651736.77
4186926.03 0.40812
651754.10 4186888.43 0.40512 651771.44
4186850.83 0.40149

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652111.52	4186147.93	0.31103	652150.24	4186133.28	0.31437
652188.97	4186118.62	0.31796	652227.69	4186103.97	0.32186
652266.41	4186089.32	0.32608	652305.13	4186074.66	0.33046
652343.86	4186060.01	0.33483	652382.58	4186045.35	0.33912
652421.30	4186030.70	0.34334	652460.02	4186016.05	0.34764

652498.75 4186001.39 0.35221 652537.47
4185986.74 0.35724
652576.19 4185972.08 0.36282 652614.91
4185957.43 0.36892
652653.64 4185942.78 0.37539 652692.36
4185928.12 0.38197
652731.08 4185913.47 0.38841 652769.81
4185898.81 0.39452
652808.53 4185884.16 0.40007 652847.25
4185869.51 0.40495
652885.97 4185854.85 0.40912 652924.70
4185840.20 0.41254
652963.42 4185825.54 0.41517 653002.14
4185810.89 0.41695
653040.86 4185796.24 0.41782 653079.59
4185781.58 0.41771
653118.31 4185766.93 0.41663 653157.03
4185752.28 0.41468
653195.75 4185737.62 0.41202 653234.48
4185722.97 0.40886
653273.20 4185708.31 0.40530 653311.92
4185693.66 0.40137
653350.65 4185679.01 0.39697 653389.37
4185664.35 0.39196
653428.09 4185649.70 0.38623 653466.81
4185635.04 0.37974
653505.54 4185620.39 0.37267 653544.26
4185605.74 0.36533
653582.98 4185591.08 0.35816 653621.70
4185576.43 0.35164
653660.43 4185561.77 0.34614 653699.15
4185547.12 0.34185
651345.79 4187792.87 0.46664 651343.97
4187834.63 0.47220
651342.15 4187876.40 0.47760 650855.87
4187731.37 0.33900
650873.25 4187693.66 0.33859 650890.64
4187655.95 0.33766
650908.02 4187618.25 0.33681 650925.41
4187580.54 0.33576
650942.80 4187542.84 0.33454 650960.18
4187505.13 0.33305
650977.57 4187467.42 0.33202 650994.95
4187429.72 0.33076
651012.34 4187392.01 0.33006 651029.72
4187354.31 0.32927
651047.11 4187316.60 0.32887 651064.50
4187278.89 0.32785
651081.88 4187241.19 0.32680 651099.27
4187203.48 0.32496

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651116.65	4187165.78	0.32278	651134.04	4187128.07	0.32001
651151.43	4187090.36	0.31695	651168.81	4187052.66	0.31401
651186.20	4187014.95	0.31132	651203.58	4186977.25	0.30900
651220.97	4186939.54	0.30709	651238.36	4186901.83	0.30552
651255.74	4186864.13	0.30422	651273.13	4186826.42	0.30308
651290.51	4186788.72	0.30197	651307.90	4186751.01	0.30080
651325.29	4186713.30	0.29945	651342.67	4186675.60	0.29784
651360.06	4186637.89	0.29588	651377.44	4186600.19	0.29353
651394.83	4186562.48	0.29081	651412.22	4186524.77	0.28783
651429.60	4186487.07	0.28466	651446.99	4186449.36	0.28139
651464.37	4186411.66	0.27802	651481.76	4186373.95	0.27453
651499.15	4186336.24	0.27091	651516.53	4186298.54	0.26715
651533.92	4186260.83	0.26330	651551.30	4186223.13	0.25946
651568.69	4186185.42	0.25568	651586.08	4186147.71	0.25207

651603.46 4186110.01 0.24869 651620.85
4186072.30 0.24553
651638.23 4186034.60 0.24261 651655.62
4185996.89 0.23993
651673.01 4185959.18 0.23743 651690.39
4185921.48 0.23511
651707.78 4185883.77 0.23280 651725.16
4185846.07 0.23061
651742.55 4185808.36 0.22863 651770.66
4185782.16 0.22865
651809.49 4185767.46 0.23037 651848.33
4185752.77 0.23255
651887.16 4185738.07 0.23472 651925.99
4185723.37 0.23715
651964.83 4185708.68 0.23973 652003.66
4185693.98 0.24241
652042.49 4185679.29 0.24512 652081.33
4185664.59 0.24776
652120.16 4185649.89 0.25031 652158.99
4185635.20 0.25277
652197.83 4185620.50 0.25522 652236.66
4185605.81 0.25781
652275.50 4185591.11 0.26067 652314.33
4185576.41 0.26384
652353.16 4185561.72 0.26739 652392.00
4185547.02 0.27129
652430.83 4185532.33 0.27546 652469.66
4185517.63 0.27975
652508.50 4185502.94 0.28405 652547.33
4185488.24 0.28820
652586.16 4185473.54 0.29205 652625.00
4185458.85 0.29555
652663.83 4185444.15 0.29864 652702.66
4185429.46 0.30134
652741.50 4185414.76 0.30364 652780.33
4185400.06 0.30558
652819.16 4185385.37 0.30713 652858.00
4185370.67 0.30823
652896.83 4185355.98 0.30886 652935.67
4185341.28 0.30898
652974.50 4185326.58 0.30858 653013.33
4185311.89 0.30764
653052.17 4185297.19 0.30627 653091.00
4185282.50 0.30458
653129.83 4185267.80 0.30265 653168.67
4185253.10 0.30054
653207.50 4185238.41 0.29827 653246.33
4185223.71 0.29580
653285.17 4185209.02 0.29310 653324.00
4185194.32 0.29006

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         653362.83    4185179.62        0.28661                      653401.67
4185164.93        0.28270
         653440.50    4185150.23        0.27837                      653479.34
4185135.54        0.27372
         653518.17    4185120.84        0.26894                      653557.00
4185106.14        0.26427
         653595.84    4185091.45        0.25997                      653634.67
4185076.75        0.25622
         653673.50    4185062.06        0.25318                      653712.34
4185047.36        0.25087
         650846.26    4187771.10        0.34075                      650844.44
4187812.87        0.34395
         650842.62    4187854.63        0.34763                      650356.36
4187709.56        0.26057
         650373.78    4187671.78        0.26112                      650391.20
4187634.00        0.26125
         650408.62    4187596.21        0.26080                      650426.04
4187558.43        0.25968
         650443.46    4187520.65        0.25885                      650460.88
4187482.87        0.25793
         650478.30    4187445.09        0.25702                      650495.72
4187407.30        0.25600
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4187331.74        0.25446
         650547.99    4187293.96        0.25382                      650565.41
4187256.18        0.25339
         650582.83    4187218.40        0.25311                      650600.25
4187180.61        0.25271
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         650617.67    4187142.83        0.25213                    650635.09
4187105.05        0.25129
         650652.51    4187067.27        0.25014                    650669.93
4187029.49        0.24863
         650687.36    4186991.70        0.24682                    650704.78
4186953.92        0.24484
         650722.20    4186916.14        0.24281                    650739.62
4186878.36        0.24089
         650757.04    4186840.58        0.23919                    650774.46
4186802.79        0.23775
         650791.88    4186765.01        0.23656                    650809.30
4186727.23        0.23558
         650826.72    4186689.45        0.23475                    650844.14
4186651.67        0.23400
         650861.56    4186613.88        0.23330                    650878.99
4186576.10        0.23258
         650896.41    4186538.32        0.23183                    650913.83
4186500.54        0.23098
         650931.25    4186462.76        0.22999                    650948.67
4186424.97        0.22878
         650966.09    4186387.19        0.22734                    650983.51
4186349.41        0.22569
         651000.93    4186311.63        0.22384                    651018.35
4186273.85        0.22178
         651035.77    4186236.06        0.21963                    651053.20
4186198.28        0.21737
         651070.62    4186160.50        0.21515                    651088.04
4186122.72        0.21290
         651105.46    4186084.94        0.21055                    651122.88
4186047.16        0.20817
         651140.30    4186009.37        0.20572                    651157.72
4185971.59        0.20317
         651175.14    4185933.81        0.20067                    651192.56
4185896.03        0.19815
         651209.98    4185858.25        0.19566                    651227.40
4185820.46        0.19333
         651244.83    4185782.68        0.19118                    651262.25
4185744.90        0.18917
         651279.67    4185707.12        0.18752                    651297.09
4185669.34        0.18560
         651314.51    4185631.55        0.18389                    651331.93
4185593.77        0.18227
         651349.35    4185555.99        0.18086                    651366.77
4185518.21        0.17939
         651384.19    4185480.43        0.17792                    651401.61
4185442.64        0.17653
         651429.78    4185416.39        0.17653                    651468.69
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         651507.60    4185386.94        0.17923                    651546.52
4185372.21        0.18070
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         651741.07    4185298.59        0.18917                       651779.99
4185283.86        0.19103
         651818.90    4185269.13        0.19277                       651857.81
4185254.41        0.19439
         651896.72    4185239.68        0.19594                       651935.63
4185224.96        0.19748
         651974.55    4185210.23        0.19911                       652013.46
4185195.51        0.20082
         652052.37    4185180.78        0.20275                       652091.28
4185166.06        0.20495
         652130.19    4185151.33        0.20739                       652169.10
4185136.60        0.21007
         652208.02    4185121.88        0.21293                       652246.93
4185107.15        0.21592
         652285.84    4185092.43        0.21888                       652324.75
4185077.70        0.22177
         652363.66    4185062.98        0.22451                       652402.57
4185048.25        0.22704
         652441.49    4185033.53        0.22934                       652480.40
4185018.80        0.23138
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652519.31    4185004.08        0.23321                       652558.22
4184989.35        0.23488
         652597.13    4184974.62        0.23633                       652636.04
4184959.90        0.23752
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652674.96 4184945.17 0.23849 652713.87 4184930.45 0.23923
652752.78 4184915.72 0.23971 652791.69 4184901.00 0.23989
652830.60 4184886.27 0.23976 652869.52 4184871.55 0.23932
652908.43 4184856.82 0.23841 652947.34 4184842.09 0.23725
652986.25 4184827.37 0.23644 653025.16 4184812.64 0.23509
653064.07 4184797.92 0.23365 653102.99 4184783.19 0.23223
653141.90 4184768.47 0.23073 653180.81 4184753.74 0.22909
653219.72 4184739.02 0.22730 653258.63 4184724.29 0.22530
653297.54 4184709.56 0.22304 653336.46 4184694.84 0.22050
653375.37 4184680.11 0.21765 653414.28 4184665.39 0.21453
653453.19 4184650.66 0.21124 653492.10 4184635.94 0.20789
653531.01 4184621.21 0.20463 653569.93 4184606.49 0.20158
653608.84 4184591.76 0.19888 653647.75 4184577.03 0.19661
653686.66 4184562.31 0.19481 653725.57 4184547.58 0.19347
650346.74 4187749.33 0.26165 650344.92 4187791.10 0.26374
650343.10 4187832.86 0.26589 649856.84 4187687.76 0.20735
649874.29 4187649.93 0.20745 649891.74 4187612.09 0.20746
649909.18 4187574.25 0.20743 649926.63 4187536.41 0.20733
649944.08 4187498.57 0.20698 649961.53 4187460.73 0.20635
649978.97 4187422.90 0.20572 649996.42 4187385.06 0.20502
650013.87 4187347.22 0.20426 650031.31 4187309.38 0.20353
650048.76 4187271.54 0.20287 650066.21 4187233.70 0.20234
650083.65 4187195.87 0.20195 650101.10 4187158.03 0.20168
650118.55 4187120.19 0.20170 650136.00 4187082.35 0.20154
650153.44 4187044.51 0.20129 650170.89 4187006.67 0.20112

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         650188.34    4186968.84        0.20097                      650205.78
4186931.00        0.19988
         650223.23    4186893.16        0.19851                      650240.68
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         650258.12    4186817.48        0.19605                      650275.57
4186779.64        0.19459
         650293.02    4186741.81        0.19320                      650310.46
4186703.97        0.19179
         650327.91    4186666.13        0.19070                      650345.36
4186628.29        0.18961
         650362.81    4186590.45        0.18891                      650380.25
4186552.61        0.18825
         650397.70    4186514.78        0.18764                      650415.15
4186476.94        0.18710
         650432.59    4186439.10        0.18662                      650450.04
4186401.26        0.18612
         650467.49    4186363.42        0.18571                      650484.93
4186325.58        0.18515
         650502.38    4186287.75        0.18460                      650519.83
4186249.91        0.18394
         650537.28    4186212.07        0.18326                      650554.72
4186174.23        0.18245
         650572.17    4186136.39        0.18132                      650589.62
4186098.55        0.18009
         650607.06    4186060.72        0.17877                      650624.51
4186022.88        0.17735
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         650641.96    4185985.04        0.17580                      650659.40
4185947.20        0.17426
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650676.85 4185909.36 0.17269 650694.30
4185871.52 0.17110
650711.74 4185833.69 0.16955 650729.19
4185795.85 0.16770
650746.64 4185758.01 0.16572 650764.09
4185720.17 0.16430
650781.53 4185682.33 0.16262 650798.98
4185644.49 0.16083
650816.43 4185606.66 0.15905 650833.87
4185568.82 0.15731
650851.32 4185530.98 0.15569 650868.77
4185493.14 0.15416
650886.21 4185455.30 0.15270 650903.66
4185417.46 0.15127
650921.11 4185379.63 0.14989 650938.56
4185341.79 0.14856
650956.00 4185303.95 0.14737 650973.45
4185266.11 0.14620
650990.90 4185228.27 0.14516 651008.34
4185190.43 0.14408
651025.79 4185152.60 0.14320 651043.24
4185114.76 0.14222
651060.68 4185076.92 0.14141 651088.89
4185050.63 0.14140
651127.86 4185035.88 0.14238 651166.83
4185021.13 0.14323
651205.80 4185006.38 0.14421 651244.77
4184991.64 0.14524
651283.74 4184976.89 0.14644 651322.71
4184962.14 0.14755
651361.68 4184947.39 0.14883 651400.65
4184932.65 0.15013
651439.62 4184917.90 0.15140 651478.59
4184903.15 0.15267
651517.56 4184888.40 0.15392 651556.53
4184873.66 0.15512
651595.50 4184858.91 0.15623 651634.47
4184844.16 0.15726
651673.44 4184829.41 0.15827 651712.41
4184814.67 0.15930
651751.38 4184799.92 0.16040 651790.35
4184785.17 0.16164
651829.32 4184770.42 0.16304 651868.29
4184755.68 0.16461
651907.26 4184740.93 0.16637 651946.23
4184726.18 0.16832
651985.20 4184711.43 0.17041 652024.17
4184696.69 0.17257
652063.14 4184681.94 0.17472 652102.11
4184667.19 0.17682

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         652141.08    4184652.44        0.17885                       652180.05
4184637.70        0.18076
         652219.02    4184622.95        0.18252                       652257.99
4184608.20        0.18412
         652296.96    4184593.45        0.18556                       652335.93
4184578.71        0.18684
         652374.90    4184563.96        0.18797                       652413.87
4184549.21        0.18897
         652452.84    4184534.46        0.18986                       652491.81
4184519.72        0.19064
         652530.78    4184504.97        0.19131                       652569.75
4184490.22        0.19184
         652608.72    4184475.47        0.19222                       652647.69
4184460.73        0.19243
         652686.65    4184445.98        0.19243                       652725.62
4184431.23        0.19222
         652764.59    4184416.48        0.19182                       652803.56
4184401.74        0.19125
         652842.53    4184386.99        0.19053                       652881.50
4184372.24        0.18970
         652920.47    4184357.49        0.18878                       652959.44
4184342.75        0.18778
         652998.41    4184328.00        0.18674                       653037.38
4184313.25        0.18570
         653076.35    4184298.50        0.18468                       653115.32
4184283.75        0.18355
         653154.29    4184269.01        0.18231                       653193.26
4184254.26        0.18093
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4184224.76        0.17764
         653310.17    4184210.02        0.17569                    653349.14
4184195.27        0.17356
         653388.11    4184180.52        0.17125                    653427.08
4184165.77        0.16883
         653466.05    4184151.03        0.16641                    653505.02
4184136.28        0.16403
         653543.99    4184121.53        0.16180                    653582.96
4184106.78        0.15978
         653621.93    4184092.04        0.15804                    653660.90
4184077.29        0.15661
         653699.87    4184062.54        0.15550                    653738.84
4184047.79        0.15466
         649847.21    4187727.57        0.20797                    649845.39
4187769.33        0.20937
         649843.57    4187811.09        0.21081                    653669.02
4187987.41      339.16764
         653652.19    4188005.90      216.42771                    653635.37
4188024.39      130.29752
         653617.96    4188041.48       85.64923                    653608.64
4188019.11       90.48464
         653599.33    4187996.73       86.00924                    653631.73
4188060.96       79.03001
         653584.52    4188078.97       44.67933                    653575.63
4188057.61       47.85399
         653566.74    4188036.26       49.67154                    653557.84
4188014.90       49.17156
         653548.95    4187993.54       45.81405                    653598.07
4188097.94       41.65311
         653550.66    4188115.44       27.75520                    653541.34
4188093.07       29.57664
         653532.03    4188070.69       31.03797                    653522.71
4188048.32       31.83990
         653513.40    4188025.94       31.58370                    653504.08
4188003.57       30.18437
         653517.13    4188152.74       19.03123                    653508.08
4188130.98       20.12924
         653499.02    4188109.23       21.02698                    653489.96
4188087.47       21.82917
         653480.91    4188065.72       22.29471                    653471.85
4188043.96       22.27781
         653462.80    4188022.21       21.82140                    653453.74
4188000.46       20.79736
         653483.35    4188189.41       13.98834                    653474.04
4188167.03       14.72713
         653464.72    4188144.65       15.32065                    653455.41
4188122.28       15.89615
         653446.09    4188099.90       16.38478                    653436.78
4188077.53       16.62603
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         653427.46    4188055.15       16.59844                       653418.15
4188032.78       16.34941
         653408.83    4188010.40       15.80086                       653399.52
4187988.02       14.86484
         653449.79    4188226.61       10.74990                       653440.66
4188204.68       11.25665
         653431.54    4188182.75       11.66133                       653422.41
4188160.82       12.04661
         653413.28    4188138.90       12.43320                       653404.15
4188116.97       12.75140
         653395.02    4188095.04       12.91907                       653385.89
4188073.11       12.93075
         653376.77    4188051.18       12.83011                       653367.64
4188029.26       12.59661
         653358.51    4188007.33       12.15730                       653349.38
4187985.40       11.49241
         653382.32    4188300.17        6.99717                       653372.86
4188277.43        7.28302
         653363.39    4188254.69        7.50915                       653353.93
4188231.96        7.71358
         653344.46    4188209.22        7.92821                       653335.00
4188186.48        8.15173
         653325.53    4188163.75        8.35213                       653316.07
4188141.01        8.49236
         653306.60    4188118.27        8.55440                       653297.14
4188095.54        8.55303
         653287.67    4188072.80        8.51136                       653278.21
4188050.06        8.42503
         653268.74    4188027.33        8.25495                       653259.28
4188004.59        7.97273
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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         653133.42    4188409.17        3.26427                      653124.01
4188386.58        3.31518
         653114.61    4188363.99        3.37260                      653105.21
4188341.40        3.43444
         653095.80    4188318.80        3.49701                      653086.40
4188296.21        3.55622
         653076.99    4188273.62        3.60746                      653067.59
4188251.03        3.64803
         653058.18    4188228.44        3.67557                      653048.78
4188205.85        3.68910
         653039.38    4188183.26        3.68981                      653029.97
4188160.67        3.68250
         653020.57    4188138.08        3.67339                      653011.16
4188115.49        3.66442
         653001.76    4188092.90        3.65093                      652992.35
4188070.31        3.62369
         652982.95    4188047.72        3.57508                      652973.55
4188025.12        3.50262
         652964.14    4188002.53        3.40843                      652954.74
4187979.94        3.29856
         653113.14    4188596.10        2.40228                      653103.75
4188573.53        2.46333
         653094.35    4188550.96        2.51427                      653084.96
4188528.40        2.55628
         653075.57    4188505.83        2.59210                      653066.17
4188483.27        2.62493
         653056.78    4188460.70        2.65875                      653047.39
4188438.14        2.69600
         653037.99    4188415.57        2.73747                      653028.60
4188393.01        2.78275
         653019.21    4188370.44        2.82893                      653009.81
4188347.88        2.87264
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653000.42	4188325.31	2.91204	652991.02	4188302.75	2.94579
652981.63	4188280.18	2.97283	652972.24	4188257.62	2.99142
652962.84	4188235.05	3.00046	652953.45	4188212.49	3.00075
652944.06	4188189.92	2.99537	652934.66	4188167.36	2.98810
652925.27	4188144.79	2.98241	652915.88	4188122.23	2.97730
652906.48	4188099.66	2.96763	652897.09	4188077.10	2.94777
652887.69	4188054.53	2.91207	652878.30	4188031.96	2.85995
652868.91	4188009.40	2.79339	652859.51	4187986.83	2.71558
652850.12	4187964.27	2.63022	653126.95	4188615.67	2.35307
652944.86	4188780.95	1.56365	652935.42	4188758.28	1.59620
652925.99	4188735.61	1.62422	652916.55	4188712.94	1.64781
652907.11	4188690.27	1.66754	652897.67	4188667.60	1.68467
652888.24	4188644.93	1.70036	652878.80	4188622.26	1.71589
652869.36	4188599.59	1.73246	652859.93	4188576.92	1.75097
652850.49	4188554.25	1.77189	652841.05	4188531.58	1.79486
652831.61	4188508.91	1.81902	652822.18	4188486.23	1.84327
652812.74	4188463.56	1.86641	652803.30	4188440.89	1.88773
652793.86	4188418.22	1.90690	652784.43	4188395.55	1.92384
652774.99	4188372.88	1.93836	652765.55	4188350.21	1.95002
652756.12	4188327.54	1.95809	652746.68	4188304.87	1.96187
652737.24	4188282.20	1.96139	652727.80	4188259.53	1.95773
652718.37	4188236.86	1.95291	652708.93	4188214.19	1.94898
652699.49	4188191.52	1.94716	652690.05	4188168.85	1.94700

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         652680.62    4188146.18        1.94652                        652671.18
4188123.51        1.94282
         652661.74    4188100.84        1.93331                        652652.31
4188078.17        1.91642
         652642.87    4188055.50        1.89176                        652633.43
4188032.83        1.86010
         652623.99    4188010.16        1.82276                        652614.56
4187987.49        1.78125
         652605.12    4187964.82        1.73685                        652776.59
4188965.81        1.11331
         652767.12    4188943.08        1.13296                        652757.66
4188920.34        1.15023
         652748.19    4188897.60        1.16511                        652738.73
4188874.87        1.17780
         652729.26    4188852.13        1.18865                        652719.80
4188829.40        1.19814
         652710.33    4188806.66        1.20680                        652700.87
4188783.92        1.21524
         652691.40    4188761.19        1.22397                        652681.94
4188738.45        1.23352
         652672.47    4188715.71        1.24420                        652663.01
4188692.98        1.25619
         652653.54    4188670.24        1.26940                        652644.08
4188647.50        1.28352
         652634.61    4188624.77        1.29804                        652625.15
4188602.03        1.31243
         652615.68    4188579.29        1.32616                        652606.22
4188556.56        1.33893
         652596.75    4188533.82        1.35062                        652587.29
4188511.08        1.36131
         652577.82    4188488.35        1.37107                        652568.36
4188465.61        1.37998
         652558.89    4188442.87        1.38780                        652549.43
4188420.14        1.39417
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652539.96	4188397.40	1.39854	652530.50	4188374.67	1.40048
652521.03	4188351.93	1.39990	652511.57	4188329.19	1.39726
652502.10	4188306.46	1.39349	652492.64	4188283.72	1.38989
652483.17	4188260.98	1.38749	652473.71	4188238.25	1.38688
652464.24	4188215.51	1.38778	652454.78	4188192.77	1.38927
652445.31	4188170.04	1.38987	652435.85	4188147.30	1.38816
652426.38	4188124.56	1.38292	652416.92	4188101.83	1.37355
652407.45	4188079.09	1.35993	652397.99	4188056.35	1.34243
652388.52	4188033.62	1.32165	652379.06	4188010.88	1.29833
652369.59	4187988.14	1.27314	652360.13	4187965.41	1.24670
652350.67	4187942.67	1.21947	652608.36	4189150.80	0.84077
652598.96	4189128.22	0.85359	652589.57	4189105.64	0.86504
652580.17	4189083.06	0.87511	652570.77	4189060.49	0.88384
652561.37	4189037.91	0.89137	652551.97	4189015.33	0.89790
652542.57	4188992.76	0.90365	652533.17	4188970.18	0.90892
652523.77	4188947.60	0.91396	652514.38	4188925.02	0.91907
652504.98	4188902.45	0.92447	652495.58	4188879.87	0.93039
652486.18	4188857.29	0.93699	652476.78	4188834.72	0.94434
652467.38	4188812.14	0.95245	652457.98	4188789.56	0.96121
652448.59	4188766.98	0.97041	652439.19	4188744.41	0.97977
652429.79	4188721.83	0.98902	652420.39	4188699.25	0.99789
652410.99	4188676.68	1.00620	652401.59	4188654.10	1.01388

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         652392.19    4188631.52        1.02095                       652382.80
4188608.94        1.02754
         652373.40    4188586.37        1.03372                       652364.00
4188563.79        1.03960
         652354.60    4188541.21        1.04514                       652345.20
4188518.64        1.05015
         652335.80    4188496.06        1.05437                       652326.40
4188473.48        1.05742
         652317.00    4188450.90        1.05899                       652307.61
4188428.33        1.05893
         652298.21    4188405.75        1.05735                       652288.81
4188383.17        1.05466
         652279.41    4188360.59        1.05151                       652270.01
4188338.02        1.04865
         652260.61    4188315.44        1.04673                       652251.21
4188292.86        1.04611
         652241.82    4188270.29        1.04681                       652232.42
4188247.71        1.04840
         652223.02    4188225.13        1.05022                       652213.62
4188202.55        1.05143
         652204.22    4188179.98        1.05123                       652194.82
4188157.40        1.04898
         652185.42    4188134.82        1.04431                       652176.02
4188112.25        1.03709
         652166.63    4188089.67        1.02746                       652157.23
4188067.09        1.01566
         652147.83    4188044.51        1.00205                       652138.43
4188021.94        0.98703
         652129.03    4187999.36        0.97094                       652119.63
4187976.78        0.95410
         652110.23    4187954.21        0.93680                       652100.84
4187931.63        0.91924
         652622.17    4189170.37        0.83075                       652440.09
4189335.67        0.66198
         652430.67    4189313.03        0.67093                       652421.24
4189290.39        0.67903
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                   INCLUDING SOURCE(S):     STCK2       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652411.82	4189267.75	0.68625	652402.40	4189245.12	0.69260
652392.97	4189222.48	0.69814	652383.55	4189199.84	0.70297
652374.12	4189177.20	0.70719	652364.70	4189154.57	0.71094
652355.28	4189131.93	0.71438	652345.85	4189109.29	0.71766
652336.43	4189086.65	0.72094	652327.00	4189064.01	0.72435
652317.58	4189041.38	0.72802	652308.16	4189018.74	0.73205
652298.73	4188996.10	0.73650	652289.31	4188973.46	0.74145
652279.88	4188950.83	0.74686	652270.46	4188928.19	0.75272
652261.04	4188905.55	0.75893	652251.61	4188882.91	0.76534
652242.19	4188860.27	0.77180	652232.77	4188837.64	0.77815
652223.34	4188815.00	0.78423	652213.92	4188792.36	0.78995
652204.49	4188769.72	0.79524	652195.07	4188747.09	0.80013
652185.65	4188724.45	0.80468	652176.22	4188701.81	0.80898
652166.80	4188679.17	0.81313	652157.37	4188656.53	0.81718
652147.95	4188633.90	0.82115	652138.53	4188611.26	0.82494
652129.10	4188588.62	0.82839	652119.68	4188565.98	0.83127
652110.25	4188543.34	0.83333	652100.83	4188520.71	0.83435
652091.41	4188498.07	0.83424	652081.98	4188475.43	0.83302
652072.56	4188452.79	0.83093	652063.14	4188430.16	0.82835
652053.71	4188407.52	0.82575	652044.29	4188384.88	0.82360
652034.86	4188362.24	0.82227	652025.44	4188339.60	0.82198

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         652016.02    4188316.97        0.82268                        652006.59
4188294.33        0.82414
         651997.17    4188271.69        0.82597                        651987.74
4188249.05        0.82765
         651978.32    4188226.42        0.82868                        651968.90
4188203.78        0.82862
         651959.47    4188181.14        0.82711                        651950.05
4188158.50        0.82401
         651940.62    4188135.86        0.81924                        651931.20
4188113.23        0.81291
         651921.78    4188090.59        0.80515                        651912.35
4188067.95        0.79616
         651902.93    4188045.31        0.78618                        651893.51
4188022.67        0.77541
         651884.08    4188000.04        0.76406                        651874.66
4187977.40        0.75231
         651865.23    4187954.76        0.74031                        651855.81
4187932.12        0.72819
         652103.56    4189705.43        0.44712                        652094.10
4189682.71        0.45206
         652084.64    4189659.99        0.45661                        652075.18
4189637.27        0.46075
         652065.72    4189614.55        0.46448                        652056.26
4189591.83        0.46781
         652046.80    4189569.11        0.47076                        652037.35
4189546.39        0.47337
         652027.89    4189523.66        0.47566                        652018.43
4189500.94        0.47770
         652008.97    4189478.22        0.47953                        651999.51
4189455.50        0.48122
         651990.05    4189432.78        0.48283                        651980.60
4189410.06        0.48442
         651971.14    4189387.34        0.48603                        651961.68
4189364.62        0.48772
         651952.22    4189341.90        0.48953                        651942.76
4189319.18        0.49149
         651933.30    4189296.46        0.49363                        651923.84
4189273.73        0.49597
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651914.39	4189251.01	0.49854	651904.93	4189228.29	0.50131
651895.47	4189205.57	0.50430	651886.01	4189182.85	0.50747
651876.55	4189160.13	0.51079	651867.09	4189137.41	0.51422
651857.63	4189114.69	0.51769	651848.18	4189091.97	0.52116
651838.72	4189069.25	0.52454	651829.26	4189046.53	0.52779
651819.80	4189023.80	0.53086	651810.34	4189001.08	0.53372
651800.88	4188978.36	0.53636	651791.43	4188955.64	0.53888
651781.97	4188932.92	0.54087	651772.51	4188910.20	0.54205
651763.05	4188887.48	0.54393	651753.59	4188864.76	0.54609
651744.13	4188842.04	0.54822	651734.67	4188819.32	0.55042
651725.22	4188796.60	0.55271	651715.76	4188773.87	0.55502
651706.30	4188751.15	0.55714	651696.84	4188728.43	0.55898
651687.38	4188705.71	0.56047	651677.92	4188682.99	0.56152
651668.47	4188660.27	0.56202	651659.01	4188637.55	0.56190
651649.55	4188614.83	0.56114	651640.09	4188592.11	0.55983
651630.63	4188569.39	0.55813	651621.17	4188546.67	0.55623
651611.71	4188523.94	0.55434	651602.26	4188501.22	0.55274
651592.80	4188478.50	0.55156	651583.34	4188455.78	0.55092
651573.88	4188433.06	0.55101	651564.42	4188410.34	0.55176
651554.96	4188387.62	0.55301	651545.51	4188364.90	0.55450

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         651536.05    4188342.18        0.55608                      651526.59
4188319.46        0.55753
         651517.13    4188296.74        0.55859                      651507.67
4188274.01        0.55914
         651498.21    4188251.29        0.55902                      651488.75
4188228.57        0.55808
         651479.30    4188205.85        0.55629                      651469.84
4188183.13        0.55378
         651460.38    4188160.41        0.55061                      651450.92
4188137.69        0.54673
         651441.46    4188114.97        0.54224                      651432.00
4188092.25        0.53721
         651422.55    4188069.53        0.53173                      651413.09
4188046.81        0.52588
         651403.63    4188024.08        0.51974                      651394.17
4188001.36        0.51337
         651384.71    4187978.64        0.50690                      651375.25
4187955.92        0.50037
         651365.79    4187933.20        0.49387                      651356.34
4187910.48        0.48733
         652117.39    4189725.08        0.44329                      651767.05
4190075.27        0.32628
         651757.62    4190052.61        0.32931                      651748.18
4190029.95        0.33213
         651738.75    4190007.29        0.33474                      651729.32
4189984.63        0.33713
         651719.89    4189961.97        0.33931                      651710.45
4189939.31        0.34126
         651701.02    4189916.65        0.34302                      651691.59
4189893.99        0.34458
         651682.15    4189871.33        0.34597                      651672.72
4189848.67        0.34719
         651663.29    4189826.01        0.34825                      651653.85
4189803.35        0.34919
         651644.42    4189780.69        0.35005                      651634.99
4189758.03        0.35084
         651625.56    4189735.37        0.35163                      651616.12
4189712.71        0.35249
         651606.69    4189690.05        0.35338                      651597.26
4189667.39        0.35432
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
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INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651587.82	4189644.74	0.35534	651578.39	4189622.08	0.35646
651568.96	4189599.42	0.35765	651559.53	4189576.76	0.35897
651550.09	4189554.10	0.36042	651540.66	4189531.44	0.36197
651531.23	4189508.78	0.36361	651521.79	4189486.12	0.36535
651512.36	4189463.46	0.36717	651502.93	4189440.80	0.36907
651493.49	4189418.14	0.37104	651484.06	4189395.48	0.37305
651474.63	4189372.82	0.37509	651465.20	4189350.16	0.37715
651455.76	4189327.50	0.37918	651446.33	4189304.84	0.38116
651436.90	4189282.18	0.38307	651427.46	4189259.52	0.38488
651418.03	4189236.86	0.38658	651408.60	4189214.20	0.38817
651399.17	4189191.54	0.38963	651389.73	4189168.88	0.39097
651380.30	4189146.22	0.39221	651370.87	4189123.57	0.39339
651361.43	4189100.91	0.39454	651352.00	4189078.25	0.39566
651342.57	4189055.59	0.39682	651333.13	4189032.93	0.39805
651323.70	4189010.27	0.39935	651314.27	4188987.61	0.40075
651304.84	4188964.95	0.40218	651295.40	4188942.29	0.40367
651285.97	4188919.63	0.40515	651276.54	4188896.97	0.40659
651267.10	4188874.31	0.40792	651257.67	4188851.65	0.40904
651248.24	4188828.99	0.40982	651238.81	4188806.33	0.41022

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         651229.37    4188783.67        0.41024                      651219.94
4188761.01        0.40996
         651210.51    4188738.35        0.40919                      651201.07
4188715.69        0.40792
         651191.64    4188693.03        0.40654                      651182.21
4188670.37        0.40505
         651172.77    4188647.71        0.40355                      651163.34
4188625.05        0.40219
         651153.91    4188602.40        0.40109                      651144.48
4188579.74        0.40030
         651135.04    4188557.08        0.39978                      651125.61
4188534.42        0.39974
         651116.18    4188511.76        0.40012                      651106.74
4188489.10        0.40085
         651097.31    4188466.44        0.40178                      651087.88
4188443.78        0.40305
         651078.45    4188421.12        0.40432                      651069.01
4188398.46        0.40550
         651059.58    4188375.80        0.40660                      651050.15
4188353.14        0.40728
         651040.71    4188330.48        0.40759                      651031.28
4188307.82        0.40753
         651021.85    4188285.16        0.40710                      651012.42
4188262.50        0.40630
         651002.98    4188239.84        0.40507                      650993.55
4188217.18        0.40352
         650984.12    4188194.52        0.40150                      650974.68
4188171.86        0.39911
         650965.25    4188149.20        0.39643                      650955.82
4188126.54        0.39347
         650946.38    4188103.89        0.39020                      650936.95
4188081.23        0.38676
         650927.52    4188058.57        0.38302                      650918.09
4188035.91        0.37914
         650908.65    4188013.25        0.37517                      650899.22
4187990.59        0.37119
         650889.79    4187967.93        0.36733                      650880.35
4187945.27        0.36348
         650870.92    4187922.61        0.35956                      650861.49
4187899.95        0.35543
         650852.06    4187877.29        0.35159                      651780.88
4190094.89        0.32393
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651430.52	4190445.04	0.25049	651421.06	4190422.33	0.25252
651411.61	4190399.61	0.25442	651402.15	4190376.90	0.25620
651392.70	4190354.19	0.25785	651383.24	4190331.47	0.25937
651373.78	4190308.76	0.26077	651364.33	4190286.04	0.26207
651354.87	4190263.33	0.26325	651345.42	4190240.61	0.26432
651335.96	4190217.90	0.26527	651326.51	4190195.18	0.26613
651317.05	4190172.47	0.26689	651307.59	4190149.75	0.26758
651298.14	4190127.04	0.26820	651288.68	4190104.32	0.26877
651279.23	4190081.61	0.26931	651269.77	4190058.90	0.26983
651260.31	4190036.18	0.27034	651250.86	4190013.47	0.27086
651241.40	4189990.75	0.27141	651231.95	4189968.04	0.27198
651222.49	4189945.32	0.27260	651213.04	4189922.61	0.27326
651203.58	4189899.89	0.27398	651194.12	4189877.18	0.27474
651184.67	4189854.46	0.27555	651175.21	4189831.75	0.27643
651165.76	4189809.03	0.27739	651156.30	4189786.32	0.27841
651146.84	4189763.61	0.27950	651137.39	4189740.89	0.28059
651127.93	4189718.18	0.28166	651118.48	4189695.46	0.28296
651109.02	4189672.75	0.28424	651099.57	4189650.03	0.28541

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         651090.11    4189627.32        0.28667                    651080.65
4189604.60        0.28804
         651071.20    4189581.89        0.28953                    651061.74
4189559.17        0.29077
         651052.29    4189536.46        0.29213                    651042.83
4189513.74        0.29335
         651033.37    4189491.03        0.29460                    651023.92
4189468.31        0.29585
         651014.46    4189445.60        0.29680                    651005.01
4189422.89        0.29759
         650995.55    4189400.17        0.29866                    650986.09
4189377.46        0.29960
         650976.64    4189354.74        0.30043                    650967.18
4189332.03        0.30117
         650957.73    4189309.31        0.30185                    650948.27
4189286.60        0.30246
         650938.82    4189263.88        0.30313                    650929.36
4189241.17        0.30414
         650919.90    4189218.45        0.30491                    650910.45
4189195.74        0.30562
         650900.99    4189173.02        0.30664                    650891.54
4189150.31        0.30769
         650882.08    4189127.60        0.30872                    650872.62
4189104.88        0.30992
         650863.17    4189082.17        0.31027                    650853.71
4189059.45        0.31138
         650844.26    4189036.74        0.31250                    650834.80
4189014.02        0.31364
         650825.35    4188991.31        0.31437                    650815.89
4188968.59        0.31492
         650806.43    4188945.88        0.31522                    650796.98
4188923.16        0.31522
         650787.52    4188900.45        0.31484                    650778.07
4188877.73        0.31402
         650768.61    4188855.02        0.31326                    650759.15
4188832.31        0.31254
         650749.70    4188809.59        0.31158                    650740.24
4188786.88        0.31043
         650730.79    4188764.16        0.30926                    650721.33
4188741.45        0.30823
         650711.87    4188718.73        0.30744                    650702.42
4188696.02        0.30690
         650692.96    4188673.30        0.30653                    650683.51
4188650.59        0.30635
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650674.05	4188627.87	0.30639	650664.60	4188605.16	0.30668
650655.14	4188582.44	0.30717	650645.68	4188559.73	0.30779
650636.23	4188537.02	0.30850	650626.77	4188514.30	0.30923
650617.32	4188491.59	0.30996	650607.86	4188468.87	0.31074
650598.40	4188446.16	0.31156	650588.95	4188423.44	0.31226
650579.49	4188400.73	0.31277	650570.04	4188378.01	0.31307
650560.58	4188355.30	0.31305	650551.13	4188332.58	0.31277
650541.67	4188309.87	0.31222	650532.21	4188287.15	0.31147
650522.76	4188264.44	0.31042	650513.30	4188241.72	0.30914
650503.85	4188219.01	0.30764	650494.39	4188196.30	0.30593
650484.93	4188173.58	0.30405	650475.48	4188150.87	0.30202
650466.02	4188128.15	0.29978	650456.57	4188105.44	0.29745
650447.11	4188082.72	0.29501	650437.65	4188060.01	0.29249
650428.20	4188037.29	0.28993	650418.74	4188014.58	0.28727
650409.29	4187991.86	0.28469	650399.83	4187969.15	0.28202
650390.38	4187946.43	0.27912	650380.92	4187923.72	0.27641
650371.46	4187901.01	0.27363	650362.01	4187878.29	0.27107

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         650352.55    4187855.58        0.26843                    651094.01
4190814.87        0.19991
         651084.57    4190792.20        0.20133                    651075.14
4190769.53        0.20268
         651065.70    4190746.86        0.20395                    651056.26
4190724.19        0.20514
         651046.82    4190701.52        0.20624                    651037.39
4190678.85        0.20727
         651027.95    4190656.18        0.20822                    651018.51
4190633.51        0.20910
         651009.08    4190610.84        0.20990                    650999.64
4190588.17        0.21062
         650990.20    4190565.50        0.21129                    650980.76
4190542.83        0.21189
         650971.33    4190520.16        0.21243                    650961.89
4190497.49        0.21292
         650952.45    4190474.82        0.21337                    650943.01
4190452.15        0.21377
         650933.58    4190429.48        0.21414                    650924.14
4190406.81        0.21450
         650914.70    4190384.14        0.21483                    650905.27
4190361.47        0.21515
         650895.83    4190338.80        0.21548                    650886.39
4190316.13        0.21582
         650876.95    4190293.46        0.21618                    650867.52
4190270.79        0.21657
         650858.08    4190248.12        0.21699                    650848.64
4190225.45        0.21744
         650839.20    4190202.78        0.21792                    650829.77
4190180.11        0.21844
         650820.33    4190157.44        0.21899                    650810.89
4190134.77        0.21957
         650801.46    4190112.10        0.22018                    650792.02
4190089.43        0.22082
         650782.58    4190066.76        0.22150                    650773.14
4190044.09        0.22221
         650763.71    4190021.42        0.22295                    650754.27
4189998.75        0.22372
         650744.83    4189976.08        0.22451                    650735.39
4189953.41        0.22532
         650725.96    4189930.74        0.22617                    650716.52
4189908.07        0.22705
         650707.08    4189885.40        0.22791                    650697.65
4189862.73        0.22883
         650688.21    4189840.06        0.22980                    650678.77
4189817.39        0.23067
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650669.33	4189794.72	0.23154	650659.90	4189772.05	0.23238
650650.46	4189749.38	0.23322	650641.02	4189726.71	0.23406
650631.58	4189704.04	0.23471	650622.15	4189681.37	0.23513
650612.71	4189658.70	0.23582	650603.27	4189636.03	0.23688
650593.83	4189613.36	0.23748	650584.40	4189590.69	0.23807
650574.96	4189568.02	0.23858	650565.52	4189545.35	0.23891
650556.09	4189522.68	0.23937	650546.65	4189500.01	0.23972
650537.21	4189477.34	0.24019	650527.77	4189454.67	0.24069
650518.34	4189432.00	0.24119	650508.90	4189409.33	0.24174
650499.46	4189386.66	0.24233	650490.02	4189363.99	0.24296
650480.59	4189341.32	0.24363	650471.15	4189318.65	0.24434
650461.71	4189295.98	0.24510	650452.28	4189273.31	0.24589
650442.84	4189250.64	0.24669	650433.40	4189227.97	0.24754
650423.96	4189205.30	0.24828	650414.53	4189182.63	0.24898
650405.09	4189159.96	0.24961	650395.65	4189137.29	0.25013
650386.21	4189114.62	0.25052	650376.78	4189091.95	0.25075

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         650367.34    4189069.28        0.25081                    650357.90
4189046.61        0.25068
         650348.47    4189023.94        0.25036                    650339.03
4189001.27        0.24987
         650329.59    4188978.60        0.24923                    650320.15
4188955.93        0.24845
         650310.72    4188933.26        0.24758                    650301.28
4188910.59        0.24666
         650291.84    4188887.92        0.24583                    650282.40
4188865.25        0.24484
         650272.97    4188842.58        0.24395                    650263.53
4188819.91        0.24326
         650254.09    4188797.24        0.24279                    650244.66
4188774.57        0.24236
         650235.22    4188751.90        0.24218                    650225.78
4188729.23        0.24223
         650216.34    4188706.56        0.24251                    650206.91
4188683.89        0.24274
         650197.47    4188661.22        0.24321                    650188.03
4188638.55        0.24382
         650178.59    4188615.88        0.24447                    650169.16
4188593.21        0.24531
         650159.72    4188570.54        0.24619                    650150.28
4188547.87        0.24699
         650140.85    4188525.20        0.24769                    650131.41
4188502.53        0.24829
         650121.97    4188479.86        0.24878                    650112.53
4188457.19        0.24908
         650103.10    4188434.52        0.24920                    650093.66
4188411.85        0.24915
         650084.22    4188389.18        0.24900                    650074.78
4188366.51        0.24869
         650065.35    4188343.84        0.24830                    650055.91
4188321.17        0.24751
         650046.47    4188298.50        0.24659                    650037.03
4188275.83        0.24569
         650027.60    4188253.16        0.24454                    650018.16
4188230.49        0.24334
         650008.72    4188207.82        0.24203                    649999.29
4188185.15        0.24062
         649989.85    4188162.48        0.23913                    649980.41
4188139.81        0.23768
         649970.97    4188117.14        0.23617                    649961.54
4188094.47        0.23441
         649952.10    4188071.80        0.23266                    649942.66
4188049.13        0.23082
         649933.22    4188026.46        0.22893                    649923.79
4188003.79        0.22703
1 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH   ***
                                INCLUDING SOURCE(S):   STCK2   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653690.13	4187328.38	3.22907	653710.13	4187328.38	3.19482
653730.13	4187328.38	3.17698	653750.13	4187328.38	3.18520
653770.13	4187328.38	3.22064	653790.13	4187328.38	3.27799
653810.13	4187328.38	3.34808	653830.13	4187328.38	3.42040
653850.13	4187328.38	3.48514	653870.13	4187328.38	3.53654
653890.13	4187328.38	3.57516	653910.13	4187328.38	3.60576
653930.13	4187328.38	3.63258	653950.13	4187328.38	3.65687
653970.13	4187328.38	3.67571	653990.13	4187328.38	3.68457
654010.13	4187328.38	3.67822	654030.13	4187328.38	3.65299
654050.13	4187328.38	3.60810	654070.13	4187328.38	3.54661
654090.13	4187328.38	3.47468	654110.13	4187328.38	3.39992
654130.13	4187328.38	3.32940	654150.13	4187328.38	3.26800
654170.13	4187328.38	3.21759	654190.13	4187328.38	3.17736
654210.13	4187328.38	3.14476	654230.13	4187328.38	3.11662
654250.13	4187328.38	3.08999	654270.13	4187328.38	3.06250
654290.13	4187328.38	3.03247	654310.13	4187328.38	2.99882
654330.13	4187328.38	2.96102	654350.13	4187328.38	2.91903
654370.13	4187328.38	2.87329	654390.13	4187328.38	2.82457
654410.13	4187328.38	2.77380	654430.13	4187328.38	2.72182
654450.13	4187328.38	2.66934	654470.13	4187328.38	2.61682
654490.13	4187328.38	2.56449	653690.13	4187348.38	3.41224
653710.13	4187348.38	3.37594	653730.13		

4187348.38   3.35676
         653750.13   4187348.38   3.36614   653770.13
4187348.38   3.40551
         653790.13   4187348.38   3.46869   653810.13
4187348.38   3.54513
         653830.13   4187348.38   3.62286   653850.13
4187348.38   3.69111
         653870.13   4187348.38   3.74458   653890.13
4187348.38   3.78484
         653910.13   4187348.38   3.81732   653930.13
4187348.38   3.84621
         653950.13   4187348.38   3.87119   653970.13
4187348.38   3.88825
         653990.13   4187348.38   3.89154   654010.13
4187348.38   3.87608
         654030.13   4187348.38   3.83884   654050.13
4187348.38   3.78106
         654070.13   4187348.38   3.70811   654090.13
4187348.38   3.62808
         654110.13   4187348.38   3.54953   654130.13
4187348.38   3.47912
         654150.13   4187348.38   3.42029   654170.13
4187348.38   3.37313
         654190.13   4187348.38   3.33528   654210.13
4187348.38   3.30327
         654230.13   4187348.38   3.27364   654250.13
4187348.38   3.24354
         654270.13   4187348.38   3.21090   654290.13
4187348.38   3.17438
         654310.13   4187348.38   3.13330   654330.13
4187348.38   3.08759
         654350.13   4187348.38   3.03772   654370.13
4187348.38   2.98454
         654390.13   4187348.38   2.92909   654410.13
4187348.38   2.87233
         654430.13   4187348.38   2.81502   654450.13
4187348.38   2.75767

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654470.13	4187348.38	2.70055	654490.13	4187348.38	2.64379
653690.13	4187368.38	3.61240	653710.13	4187368.38	3.57379
653730.13	4187368.38	3.55345	653750.13	4187368.38	3.56420
653770.13	4187368.38	3.60800	653790.13	4187368.38	3.67772
653810.13	4187368.38	3.76129	653830.13	4187368.38	3.84481
653850.13	4187368.38	3.91682	653870.13	4187368.38	3.97251
653890.13	4187368.38	4.01480	653910.13	4187368.38	4.04957
653930.13	4187368.38	4.08023	653950.13	4187368.38	4.10511
653970.13	4187368.38	4.11856	653990.13	4187368.38	4.11412
654010.13	4187368.38	4.08682	654030.13	4187368.38	4.03555
654050.13	4187368.38	3.96402	654070.13	4187368.38	3.88015
654090.13	4187368.38	3.79377	654110.13	4187368.38	3.71361
654130.13	4187368.38	3.64509	654150.13	4187368.38	3.58963
654170.13	4187368.38	3.54537	654190.13	4187368.38	3.50863
654210.13	4187368.38	3.47541	654230.13	4187368.38	3.44227
654250.13	4187368.38	3.40665	654270.13	4187368.38	3.36689
654290.13	4187368.38	3.32213	654310.13	4187368.38	3.27223
654330.13	4187368.38	3.21768	654350.13	4187368.38	3.15946
654370.13	4187368.38	3.09872	654390.13	4187368.38	3.03653
654410.13	4187368.38	2.97377	654430.13	4187368.38	2.91096

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         654450.13    4187368.38        2.84844                        654470.13
4187368.38        2.78632
         654490.13    4187368.38        2.72467                        653690.13
4187388.38        3.83169
         653710.13    4187388.38        3.79077                        653730.13
4187388.38        3.76906
         653750.13    4187388.38        3.78144                        653770.13
4187388.38        3.83037
         653790.13    4187388.38        3.90766                        653810.13
4187388.38        3.99908
         653830.13    4187388.38        4.08886                        653850.13
4187388.38        4.16482
         653870.13    4187388.38        4.22299                        653890.13
4187388.38        4.26767
         653910.13    4187388.38        4.30506                        653930.13
4187388.38        4.33721
         653950.13    4187388.38        4.36057                        653970.13
4187388.38        4.36815
         653990.13    4187388.38        4.35304                        654010.13
4187388.38        4.31116
         654030.13    4187388.38        4.24408                        654050.13
4187388.38        4.15861
         654070.13    4187388.38        4.06527                        654090.13
4187388.38        3.97489
         654110.13    4187388.38        3.89538                        654130.13
4187388.38        3.83007
         654150.13    4187388.38        3.77798                        654170.13
4187388.38        3.73543
         654190.13    4187388.38        3.69786                        654210.13
4187388.38        3.66113
         654230.13    4187388.38        3.62210                        654250.13
4187388.38        3.57867
         654270.13    4187388.38        3.52975                        654290.13
4187388.38        3.47510
         654310.13    4187388.38        3.41526                        654330.13
4187388.38        3.35131
         654350.13    4187388.38        3.28455                        654370.13
4187388.38        3.21621
         654390.13    4187388.38        3.14724                        654410.13
4187388.38        3.07826
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 234
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
```

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654430.13	4187388.38	3.00959	654450.13	4187388.38	2.94140
654470.13	4187388.38	2.87377	654490.13	4187388.38	2.80679
653690.13	4187408.38	4.07285	653710.13	4187408.38	4.02943
653730.13	4187408.38	4.00627	653750.13	4187408.38	4.02069
653770.13	4187408.38	4.07553	653790.13	4187408.38	4.16129
653810.13	4187408.38	4.26156	653830.13	4187408.38	4.35812
653850.13	4187408.38	4.43831	653870.13	4187408.38	4.49933
653890.13	4187408.38	4.54685	653910.13	4187408.38	4.58690
653930.13	4187408.38	4.61971	653950.13	4187408.38	4.63969
653970.13	4187408.38	4.63848	653990.13	4187408.38	4.60925
654010.13	4187408.38	4.55009	654030.13	4187408.38	4.46597
654050.13	4187408.38	4.36737	654070.13	4187408.38	4.26687
654090.13	4187408.38	4.17518	654110.13	4187408.38	4.09827
654130.13	4187408.38	4.03665	654150.13	4187408.38	3.98693
654170.13	4187408.38	3.94405	654190.13	4187408.38	3.90305
654210.13	4187408.38	3.86006	654230.13	4187408.38	3.81245
654250.13	4187408.38	3.75880	654270.13	4187408.38	3.69875
654290.13	4187408.38	3.63288	654310.13	4187408.38	3.56240
654330.13	4187408.38	3.48878	654350.13		

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4187408.38        3.41341
         654370.13    4187408.38        3.33737                       654390.13
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         654410.13    4187408.38        3.18569                       654430.13
4187408.38        3.11059
         654450.13    4187408.38        3.03616                       654470.13
4187408.38        2.96252
         654490.13    4187408.38        2.88981                       653690.13
4187428.38        4.33877
         653710.13    4187428.38        4.29275                       653730.13
4187428.38        4.26825
         653750.13    4187428.38        4.28491                       653770.13
4187428.38        4.34664
         653790.13    4187428.38        4.44236                       653810.13
4187428.38        4.55233
         653830.13    4187428.38        4.65624                       653850.13
4187428.38        4.74103
         653870.13    4187428.38        4.80537                       653890.13
4187428.38        4.85618
         653910.13    4187428.38        4.89866                       653930.13
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         653950.13    4187428.38        4.94470                       653970.13
4187428.38        4.93089
         653990.13    4187428.38        4.88378                       654010.13
4187428.38        4.80494
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4187428.38        4.59387
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4187428.38        4.39882
         654110.13    4187428.38        4.32564                       654130.13
4187428.38        4.26706
         654150.13    4187428.38        4.21763                       654170.13
4187428.38        4.17150
         654190.13    4187428.38        4.12388                       654210.13
4187428.38        4.07146
         654230.13    4187428.38        4.01241                       654250.13
4187428.38        3.94620
         654270.13    4187428.38        3.87344                       654290.13
4187428.38        3.79546
         654310.13    4187428.38        3.71397                       654330.13
4187428.38        3.63056
         654350.13    4187428.38        3.54641                       654370.13
4187428.38        3.46231
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654390.13	4187428.38	3.37866	654410.13	4187428.38	3.29567
654430.13	4187428.38	3.21349	654450.13	4187428.38	3.13226
654470.13	4187428.38	3.05216	654490.13	4187428.38	2.97338
653690.13	4187448.38	4.63314	653710.13	4187448.38	4.58453
653730.13	4187448.38	4.55846	653750.13	4187448.38	4.57794
653770.13	4187448.38	4.64781	653790.13	4187448.38	4.75467
653810.13	4187448.38	4.87569	653830.13	4187448.38	4.98763
653850.13	4187448.38	5.07747	653870.13	4187448.38	5.14570
653890.13	4187448.38	5.20026	653910.13	4187448.38	5.24453
653930.13	4187448.38	5.27388	653950.13	4187448.38	5.27784
653970.13	4187448.38	5.24686	653990.13	4187448.38	5.17825
654010.13	4187448.38	5.07809	654030.13	4187448.38	4.96079
654050.13	4187448.38	4.84265	654070.13	4187448.38	4.73716
654090.13	4187448.38	4.65016	654110.13	4187448.38	4.58058
654130.13	4187448.38	4.52301	654150.13	4187448.38	4.47064
654170.13	4187448.38	4.41756	654190.13	4187448.38	4.35959
654210.13	4187448.38	4.29434	654230.13	4187448.38	4.22105

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         654250.13    4187448.38        4.14034                    654270.13
4187448.38        4.05374
         654290.13    4187448.38        3.96319                    654310.13
4187448.38        3.87049
         654330.13    4187448.38        3.77702                    654350.13
4187448.38        3.68362
         654370.13    4187448.38        3.59079                    654390.13
4187448.38        3.49874
         654410.13    4187448.38        3.40767                    654430.13
4187448.38        3.31776
         654450.13    4187448.38        3.22922                    654470.13
4187448.38        3.14227
         654490.13    4187448.38        3.05708                    653690.13
4187468.38        4.96040
         653710.13    4187468.38        4.90903                    653730.13
4187468.38        4.88121
         653750.13    4187468.38        4.90435                    653770.13
4187468.38        4.98356
         653790.13    4187468.38        5.10349                    653810.13
4187468.38        5.23669
         653830.13    4187468.38        5.35754                    653850.13
4187468.38        5.45292
         653870.13    4187468.38        5.52582                    653890.13
4187468.38        5.58419
         653910.13    4187468.38        5.62907                    653930.13
4187468.38        5.65213
         653950.13    4187468.38        5.64118                    653970.13
4187468.38        5.58813
         653990.13    4187468.38        5.49467                    654010.13
4187468.38        5.37297
         654030.13    4187468.38        5.24215                    654050.13
4187468.38        5.11980
         654070.13    4187468.38        5.01641                    654090.13
4187468.38        4.93333
         654110.13    4187468.38        4.86557                    654130.13
4187468.38        4.80552
         654150.13    4187468.38        4.74593                    654170.13
4187468.38        4.68148
         654190.13    4187468.38        4.60907                    654210.13
4187468.38        4.52761
         654230.13    4187468.38        4.43770                    654250.13
4187468.38        4.34110
         654270.13    4187468.38        4.24004                    654290.13
4187468.38        4.13659
         654310.13    4187468.38        4.03232                    654330.13
4187468.38        3.92819
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654350.13	4187468.38	3.82472	654370.13	4187468.38	3.72223
654390.13	4187468.38	3.62092	654410.13	4187468.38	3.52104
654430.13	4187468.38	3.42283	654450.13	4187468.38	3.32652
654470.13	4187468.38	3.23231	654490.13	4187468.38	3.14030
653690.13	4187488.38	5.32544	653710.13	4187488.38	5.27131
653730.13	4187488.38	5.24198	653750.13	4187488.38	5.26917
653770.13	4187488.38	5.35968	653790.13	4187488.38	5.49460
653810.13	4187488.38	5.64176	653830.13	4187488.38	5.77232
653850.13	4187488.38	5.87411	653870.13	4187488.38	5.95212
653890.13	4187488.38	6.01380	653910.13	4187488.38	6.05696
653930.13	4187488.38	6.06926	653950.13	4187488.38	6.03742
653970.13	4187488.38	5.95712	653990.13	4187488.38	5.83654
654010.13	4187488.38	5.69501	654030.13	4187488.38	5.55476
654050.13	4187488.38	5.43202	654070.13	4187488.38	5.33237
654090.13	4187488.38	5.25191	654110.13	4187488.38	5.18230
654130.13	4187488.38	5.11484	654150.13		

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4187488.38        5.04277
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4187488.38        4.87107
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4187488.38        4.66221
         654250.13    4187488.38        4.54889                    654270.13
4187488.38        4.43291
         654290.13    4187488.38        4.31606                    654310.13
4187488.38        4.19942
         654330.13    4187488.38        4.08363                    654350.13
4187488.38        3.96901
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4187488.38        3.74445
         654410.13    4187488.38        3.63509                    654430.13
4187488.38        3.52802
         654450.13    4187488.38        3.42344                    654470.13
4187488.38        3.32149
         654490.13    4187488.38        3.22222                    653690.13
4187508.38        5.73478
         653710.13    4187508.38        5.67796                    653730.13
4187508.38        5.64684
         653750.13    4187508.38        5.67933                    653770.13
4187508.38        5.78311
         653790.13    4187508.38        5.93545                    653810.13
4187508.38        6.09826
         653830.13    4187508.38        6.23948                    653850.13
4187508.38        6.34874
         653870.13    4187508.38        6.43268                    653890.13
4187508.38        6.49663
         653910.13    4187508.38        6.53417                    653930.13
4187508.38        6.52898
         653950.13    4187508.38        6.46946                    653970.13
4187508.38        6.35700
         653990.13    4187508.38        6.20901                    654010.13
4187508.38        6.05145
         654030.13    4187508.38        5.90661                    654050.13
4187508.38        5.78649
         654070.13    4187508.38        5.69016                    654090.13
4187508.38        5.60855
         654110.13    4187508.38        5.53148                    654130.13
4187508.38        5.45036
         654150.13    4187508.38        5.35984                    654170.13
4187508.38        5.25776
         654190.13    4187508.38        5.14462                    654210.13
4187508.38        5.02269
         654230.13    4187508.38        4.89499                    654250.13
4187508.38        4.76431
         654270.13    4187508.38        4.63270                    654290.13
4187508.38        4.50144
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                           *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL   ***
                           INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4187528.38 6.09370
654090.13 4187528.38 6.00472 654110.13
4187528.38 5.91273
654130.13 4187528.38 5.81067 654150.13
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4187528.38 5.13666
654250.13 4187528.38 4.98766 654270.13
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4187528.38 4.26310
654370.13 4187528.38 4.12576 654390.13
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654450.13 4187528.38 3.61205 654470.13
4187528.38 3.49319
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4187548.38 6.19385
654150.13 4187548.38 6.04829 654170.13
4187548.38 5.89092
654190.13 4187548.38 5.72593 654210.13
4187548.38 5.55719

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654270.13	4187548.38	5.05120	654290.13	4187548.38	4.88622
654310.13	4187548.38	4.72409	654330.13	4187548.38	4.56532
654350.13	4187548.38	4.41033	654370.13	4187548.38	4.25949
654390.13	4187548.38	4.11303	654410.13	4187548.38	3.97112
654430.13	4187548.38	3.83387	654450.13	4187548.38	3.70137
654470.13	4187548.38	3.57369	654490.13	4187548.38	3.45086
653690.13	4187568.38	7.31051	653710.13	4187568.38	7.24776
653730.13	4187568.38	7.21330	653750.13	4187568.38	7.26980
653770.13	4187568.38	7.43247	653790.13	4187568.38	7.65730
653810.13	4187568.38	7.88146	653830.13	4187568.38	8.06473
653850.13	4187568.38	8.20284	653870.13	4187568.38	8.30157
653890.13	4187568.38	8.34980	653910.13	4187568.38	8.32367
653930.13	4187568.38	8.21086	653950.13		

4187568.38 8.02738
653970.13 4187568.38 7.81201 653990.13
4187568.38 7.60578
654010.13 4187568.38 7.43218 654030.13
4187568.38 7.29111
654050.13 4187568.38 7.16818 654070.13
4187568.38 7.04670
654090.13 4187568.38 6.91428 654110.13
4187568.38 6.76490
654130.13 4187568.38 6.59822 654150.13
4187568.38 6.41770
654170.13 4187568.38 6.22834 654190.13
4187568.38 6.03474
654210.13 4187568.38 5.84020 654230.13
4187568.38 5.64671
654250.13 4187568.38 5.45541 654270.13
4187568.38 5.26706
654290.13 4187568.38 5.08233 654310.13
4187568.38 4.90183
654330.13 4187568.38 4.72606 654350.13
4187568.38 4.55540
654370.13 4187568.38 4.39013 654390.13
4187568.38 4.23045
654410.13 4187568.38 4.07648 654430.13
4187568.38 3.92833
654450.13 4187568.38 3.78606 654470.13
4187568.38 3.64968
654490.13 4187568.38 3.51915 653690.13
4187588.38 7.99042
653710.13 4187588.38 7.92709 653730.13
4187588.38 7.89203
653750.13 4187588.38 7.96179 653770.13
4187588.38 8.15265
653790.13 4187588.38 8.41108 653810.13
4187588.38 8.66285
653830.13 4187588.38 8.86455 653850.13
4187588.38 9.01366
653870.13 4187588.38 9.11130 653890.13
4187588.38 9.13645
653910.13 4187588.38 9.06432 653930.13
4187588.38 8.89484
653950.13 4187588.38 8.66379 653970.13
4187588.38 8.42307
653990.13 4187588.38 8.21121 654010.13
4187588.38 8.03791
654030.13 4187588.38 7.89033 654050.13
4187588.38 7.74845
654070.13 4187588.38 7.59579 654090.13
4187588.38 7.42385
654110.13 4187588.38 7.23160 654130.13

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654230.13	4187588.38	5.91246	654250.13	4187588.38	5.69607
654270.13	4187588.38	5.48432	654290.13	4187588.38	5.27793
654310.13	4187588.38	5.07749	654330.13	4187588.38	4.88344
654350.13	4187588.38	4.69611	654370.13	4187588.38	4.51572
654390.13	4187588.38	4.34240	654410.13	4187588.38	4.17627
654430.13	4187588.38	4.01734	654450.13	4187588.38	3.86557
654470.13	4187588.38	3.72084	654490.13	4187588.38	3.58294
653690.13	4187608.38	8.77371	653710.13	4187608.38	8.71196
653730.13	4187608.38	8.67674	653750.13	4187608.38	8.76286
653770.13	4187608.38	8.98967	653790.13	4187608.38	9.28875
653810.13	4187608.38	9.57186	653830.13	4187608.38	9.79505

653850.13 4187608.38 9.95402 653870.13
4187608.38 10.04190
653890.13 4187608.38 10.02848 653910.13
4187608.38 9.89351
653930.13 4187608.38 9.66031 653950.13
4187608.38 9.38657
653970.13 4187608.38 9.12939 653990.13
4187608.38 8.91489
654010.13 4187608.38 8.73526 654030.13
4187608.38 8.56738
654050.13 4187608.38 8.38972 654070.13
4187608.38 8.19020
654090.13 4187608.38 7.96665 654110.13
4187608.38 7.72365
654130.13 4187608.38 7.46851 654150.13
4187608.38 7.20792
654170.13 4187608.38 6.94661 654190.13
4187608.38 6.68742
654210.13 4187608.38 6.43204 654230.13
4187608.38 6.18167
654250.13 4187608.38 5.93733 654270.13
4187608.38 5.69988
654290.13 4187608.38 5.47001 654310.13
4187608.38 5.24824
654330.13 4187608.38 5.03493 654350.13
4187608.38 4.83031
654370.13 4187608.38 4.63455 654390.13
4187608.38 4.44770
654410.13 4187608.38 4.26971 654430.13
4187608.38 4.10043
654450.13 4187608.38 3.93960 654470.13
4187608.38 3.78691
654490.13 4187608.38 3.64199 653690.13
4187628.38 9.68733
653710.13 4187628.38 9.62955 653730.13
4187628.38 9.59476
653750.13 4187628.38 9.70048 653770.13
4187628.38 9.96988
653790.13 4187628.38 10.31830 653810.13
4187628.38 10.63913
653830.13 4187628.38 10.88575 653850.13
4187628.38 11.05114
653870.13 4187628.38 11.11514 653890.13
4187628.38 11.04119
653910.13 4187628.38 10.82797 653930.13
4187628.38 10.52930
653950.13 4187628.38 10.22175 653970.13
4187628.38 9.95501
653990.13 4187628.38 9.73327 654010.13
4187628.38 9.53197

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654190.13	4187628.38	7.02608	654210.13	4187628.38	6.73419
654230.13	4187628.38	6.45022	654250.13	4187628.38	6.17521
654270.13	4187628.38	5.91000	654290.13	4187628.38	5.65518
654310.13	4187628.38	5.41115	654330.13	4187628.38	5.17816
654350.13	4187628.38	4.95630	654370.13	4187628.38	4.74554
654390.13	4187628.38	4.54567	654410.13	4187628.38	4.35640
654430.13	4187628.38	4.17729	654450.13	4187628.38	4.00787
654470.13	4187628.38	3.84760	654490.13	4187628.38	3.69596
653690.13	4187648.38	10.75627	653710.13	4187648.38	10.70642
653730.13	4187648.38	10.67632	653750.13		

4187648.38 10.81000
653770.13 4187648.38 11.13334 653790.13
4187648.38 11.53911
653810.13 4187648.38 11.90301 653830.13
4187648.38 12.17504
653850.13 4187648.38 12.33842 653870.13
4187648.38 12.35529
653890.13 4187648.38 12.19543 653910.13
4187648.38 11.89232
653930.13 4187648.38 11.53398 653950.13
4187648.38 11.20257
653970.13 4187648.38 10.92505 653990.13
4187648.38 10.67989
654010.13 4187648.38 10.43079 654030.13
4187648.38 10.15416
654050.13 4187648.38 9.84324 654070.13
4187648.38 9.50401
654090.13 4187648.38 9.14749 654110.13
4187648.38 8.78400
654130.13 4187648.38 8.42061 654150.13
4187648.38 8.06154
654170.13 4187648.38 7.70945 654190.13
4187648.38 7.36631
654210.13 4187648.38 7.03373 654230.13
4187648.38 6.71299
654250.13 4187648.38 6.40508 654270.13
4187648.38 6.11067
654290.13 4187648.38 5.83019 654310.13
4187648.38 5.56383
654330.13 4187648.38 5.31155 654350.13
4187648.38 5.07310
654370.13 4187648.38 4.84809 654390.13
4187648.38 4.63594
654410.13 4187648.38 4.43601 654430.13
4187648.38 4.24761
654450.13 4187648.38 4.07001 654470.13
4187648.38 3.90256
654490.13 4187648.38 3.74460 653690.13
4187668.38 12.01271
653710.13 4187668.38 11.97771 653730.13
4187668.38 11.95399
653750.13 4187668.38 12.12454 653770.13
4187668.38 12.52221
653790.13 4187668.38 13.00661 653810.13
4187668.38 13.42303
653830.13 4187668.38 13.71229 653850.13
4187668.38 13.85565
653870.13 4187668.38 13.79323 653890.13
4187668.38 13.52062
653910.13 4187668.38 13.12339 653930.13

4187668.38   12.71752
         653950.13   4187668.38   12.36672   653970.13
4187668.38   12.06209
         653990.13   4187668.38   11.76110   654010.13
4187668.38   11.42968
         654030.13   4187668.38   11.05688   654050.13
4187668.38   10.64931
         654070.13   4187668.38   10.22087   654090.13
4187668.38   9.78455
         654110.13   4187668.38   9.34922   654130.13
4187668.38   8.92019

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                   INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654470.13 4187668.38 3.95175 654490.13 4187668.38 3.78806
653690.13 4187688.38 13.51445 653710.13 4187688.38 13.49900
653730.13 4187688.38 13.48546 653750.13 4187688.38 13.70381
653770.13 4187688.38 14.19317 653790.13 4187688.38 14.77239
653810.13 4187688.38 15.25672 653830.13 4187688.38 15.56838
653850.13 4187688.38 15.65215 653870.13 4187688.38 15.46953
653890.13 4187688.38 15.06431 653910.13 4187688.38 14.57972
653930.13 4187688.38 14.13445 653950.13 4187688.38 13.74953
653970.13 4187688.38 13.37926 653990.13 4187688.38 12.97669
654010.13 4187688.38 12.52378 654030.13 4187688.38 12.02760
654050.13 4187688.38 11.50593 654070.13 4187688.38 10.97547
654090.13 4187688.38 10.44752 654110.13 4187688.38 9.92886
654130.13 4187688.38 9.42399 654150.13 4187688.38 8.93626
654170.13 4187688.38 8.46828 654190.13 4187688.38 8.02204
654210.13 4187688.38 7.59880 654230.13 4187688.38 7.19924
654250.13 4187688.38 6.82348 654270.13 4187688.38 6.47117
654290.13 4187688.38 6.14154 654310.13 4187688.38 5.83354
654330.13 4187688.38 5.54591 654350.13 4187688.38 5.27732
654370.13 4187688.38 5.02643 654390.13 4187688.38 4.79196
654410.13 4187688.38 4.57272 654430.13 4187688.38 4.36759
654450.13 4187688.38 4.17556 654470.13 4187688.38 3.99568
654490.13 4187688.38 3.82708 653690.13 4187708.38 15.32896
653710.13 4187708.38 15.35124 653730.13 4187708.38 15.34746
653750.13 4187708.38 15.63103 653770.13 4187708.38 16.23930
653790.13 4187708.38 16.93763 653810.13 4187708.38 17.49577

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654110.13	4187708.38	10.50929	654130.13	4187708.38	9.91856
654150.13	4187708.38	9.35571	654170.13	4187708.38	8.82305
654190.13	4187708.38	8.32183	654210.13	4187708.38	7.85243
654230.13	4187708.38	7.41443	654250.13	4187708.38	7.00677
654270.13	4187708.38	6.62794	654290.13	4187708.38	6.27616
654310.13	4187708.38	5.94951	654330.13	4187708.38	5.64609
654350.13	4187708.38	5.36405	654370.13		

4187708.38 5.10172
654390.13 4187708.38 4.85753 654410.13
4187708.38 4.63006
654430.13 4187708.38 4.41801 654450.13
4187708.38 4.22018
654470.13 4187708.38 4.03547 654490.13
4187708.38 3.86286
653690.13 4187728.38 17.55915 653710.13
4187728.38 17.65191
653730.13 4187728.38 17.66464 653750.13
4187728.38 18.03490
653770.13 4187728.38 18.80366 653790.13
4187728.38 19.64882
653810.13 4187728.38 20.28714 653830.13
4187728.38 20.56376
653850.13 4187728.38 20.37407 653870.13
4187728.38 19.81605
653890.13 4187728.38 19.12583 653910.13
4187728.38 18.48296
653930.13 4187728.38 17.88739 653950.13
4187728.38 17.26180
653970.13 4187728.38 16.56034 653990.13
4187728.38 15.78886
654010.13 4187728.38 14.97792 654030.13
4187728.38 14.15692
654050.13 4187728.38 13.34553 654070.13
4187728.38 12.55587
654090.13 4187728.38 11.79616 654110.13
4187728.38 11.07233
654130.13 4187728.38 10.38862 654150.13
4187728.38 9.74750
654170.13 4187728.38 9.14986 654190.13
4187728.38 8.59526
654210.13 4187728.38 8.08221 654230.13
4187728.38 7.60850
654250.13 4187728.38 7.17148 654270.13
4187728.38 6.76831
654290.13 4187728.38 6.39620 654310.13
4187728.38 6.05252
654330.13 4187728.38 5.73478 654350.13
4187728.38 5.44074
654370.13 4187728.38 5.16838 654390.13
4187728.38 4.91585
654410.13 4187728.38 4.68147 654430.13
4187728.38 4.46371
654450.13 4187728.38 4.26116 654470.13
4187728.38 4.07255
654490.13 4187728.38 3.89670 653690.13
4187748.38 20.33588
653710.13 4187748.38 20.57983 653730.13

4187748.38   20.63550
         653750.13   4187748.38   21.10542   653770.13
4187748.38   22.09360
         653790.13   4187748.38   23.12221   653810.13
4187748.38   23.81910
         653830.13   4187748.38   23.98032   653850.13
4187748.38   23.51889
         653870.13   4187748.38   22.72159   653890.13
4187748.38   21.88438
         653910.13   4187748.38   21.10568   653930.13
4187748.38   20.30082
         653950.13   4187748.38   19.40148   653970.13
4187748.38   18.41054
         653990.13   4187748.38   17.36952   654010.13
4187748.38   16.31908
         654030.13   4187748.38   15.28640   654050.13
4187748.38   14.28831

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654270.13 4187748.38 6.89214 654290.13
4187748.38 6.50183
654310.13 4187748.38 6.14310 654330.13
4187748.38 5.81296
654350.13 4187748.38 5.50874 654370.13
4187748.38 5.22804
654390.13 4187748.38 4.96868 654410.13
4187748.38 4.72870
654430.13 4187748.38 4.50632 654450.13
4187748.38 4.29993
654470.13 4187748.38 4.10810 654490.13
4187748.38 3.92949
653690.13 4187768.38 23.81158 653710.13
4187768.38 24.32971
653730.13 4187768.38 24.51455 653750.13
4187768.38 25.12751
653770.13 4187768.38 26.40388 653790.13
4187768.38 27.66299
653810.13 4187768.38 28.37812 653830.13
4187768.38 28.26420
653850.13 4187768.38 27.44596 653870.13
4187768.38 26.37606
653890.13 4187768.38 25.33163 653910.13
4187768.38 24.27041
653930.13 4187768.38 23.08804 653950.13
4187768.38 21.78333
653970.13 4187768.38 20.41415 653990.13
4187768.38 19.03884
654010.13 4187768.38 17.69627 654030.13
4187768.38 16.41079
654050.13 4187768.38 15.19839 654070.13
4187768.38 14.06920
654090.13 4187768.38 13.02795 654110.13
4187768.38 12.07497
654130.13 4187768.38 11.20711 654150.13
4187768.38 10.41902
654170.13 4187768.38 9.70419 654190.13
4187768.38 9.05578
654210.13 4187768.38 8.46706 654230.13
4187768.38 7.93188
654250.13 4187768.38 7.44463 654270.13
4187768.38 7.00030
654290.13 4187768.38 6.59444 654310.13
4187768.38 6.22308
654330.13 4187768.38 5.88272 654350.13
4187768.38 5.57021
654370.13 4187768.38 5.28274 654390.13
4187768.38 5.01781
654410.13 4187768.38 4.77320 654430.13
4187768.38 4.54691

654450.13 4187768.38 4.33717 654470.13 4187768.38 4.14241
654490.13 4187768.38 3.96121 653690.13 4187788.38 28.25223
653710.13 4187788.38 29.22883 653730.13 4187788.38 29.66052
653750.13 4187788.38 30.56305 653770.13 4187788.38 32.19832
653790.13 4187788.38 33.73418 653810.13 4187788.38 34.35296
653830.13 4187788.38 33.75144 653850.13 4187788.38 32.46768
653870.13 4187788.38 31.04857 653890.13 4187788.38 29.60420
653910.13 4187788.38 28.00204 653930.13 4187788.38 26.23155
653950.13 4187788.38 24.37725 653970.13 4187788.38 22.52656
653990.13 4187788.38 20.73770 654010.13 4187788.38 19.04654
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** *** *** 07:02:13

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- - - -

4187788.38 9.93017
654190.13 4187788.38 9.24258 654210.13
4187788.38 8.62266
654230.13 4187788.38 8.06255 654250.13
4187788.38 7.55539
654270.13 4187788.38 7.09514 654290.13
4187788.38 6.67653
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4187788.38 5.94622
654350.13 4187788.38 5.62684 654370.13
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654390.13 4187788.38 5.06388 654410.13
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654430.13 4187788.38 4.58510 654450.13
4187788.38 4.37209
654470.13 4187788.38 4.17437 654490.13
4187788.38 3.99048
653690.13 4187808.38 34.06600 653710.13
4187808.38 35.79815
653730.13 4187808.38 36.66281 653750.13
4187808.38 38.10467
653770.13 4187808.38 40.36752 653790.13
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653810.13 4187808.38 42.32515 653830.13
4187808.38 40.96455
653850.13 4187808.38 39.05650 653870.13
4187808.38 37.02058
653890.13 4187808.38 34.77157 653910.13
4187808.38 32.27801
653930.13 4187808.38 29.67488 653950.13
4187808.38 27.10119
653970.13 4187808.38 24.64823 653990.13
4187808.38 22.36979
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4187808.38 18.43053
654050.13 4187808.38 16.77173 654070.13
4187808.38 15.30250
654090.13 4187808.38 14.00335 654110.13
4187808.38 12.85392
654130.13 4187808.38 11.83510 654150.13
4187808.38 10.92980
654170.13 4187808.38 10.12317 654190.13
4187808.38 9.40235
654210.13 4187808.38 8.75638 654230.13
4187808.38 8.17577
654250.13 4187808.38 7.65235 654270.13
4187808.38 7.17913
654290.13 4187808.38 6.75000 654310.13
4187808.38 6.35974
654330.13 4187808.38 6.00381 654350.13

4187808.38   5.67827
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4187808.38   5.10528
         654410.13   4187808.38   4.85230   654430.13
4187808.38   4.61858
         654450.13   4187808.38   4.40216   654470.13
4187808.38   4.20133
         654490.13   4187808.38   4.01460   653690.13
4187828.38   41.77934
         653710.13   4187828.38   44.99399   653730.13
4187828.38   46.61329
         653750.13   4187828.38   49.04392   653770.13
4187828.38   52.33963
         653790.13   4187828.38   54.15540   653810.13
4187828.38   53.27540
         653830.13   4187828.38   50.77905   653850.13
4187828.38   47.79802
         653870.13   4187828.38   44.49184   653890.13
4187828.38   40.81069
         653910.13   4187828.38   36.98892   653930.13
4187828.38   33.26357
         653950.13   4187828.38   29.78507   653970.13
4187828.38   26.63262

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                         ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654070.13 4187828.38 15.78832 654090.13
4187828.38 14.38467
654110.13 4187828.38 13.15663 654130.13
4187828.38 12.07819
654150.13 4187828.38 11.12739 654170.13
4187828.38 10.28573
654190.13 4187828.38 9.53782 654210.13
4187828.38 8.87062
654230.13 4187828.38 8.27315 654250.13
4187828.38 7.73617
654270.13 4187828.38 7.25180 654290.13
4187828.38 6.81334
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653890.13 4187848.38 47.49889 653910.13
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653930.13 4187848.38 36.70308 653950.13
4187848.38 32.20908
653970.13 4187848.38 28.35173 653990.13
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4187848.38 19.93026
654050.13 4187848.38 17.91478 654070.13
4187848.38 16.18611
654090.13 4187848.38 14.69536 654110.13
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654170.13 4187848.38 10.41802 654190.13
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4187848.38 8.35072

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         654330.13    4187848.38        6.08525                      654350.13
4187848.38        5.74814
         654370.13    4187848.38        5.43945                      654390.13
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4187848.38        4.22541
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4187868.38       99.51757
         653790.13    4187868.38       98.66025                      653810.13
4187868.38       91.97474
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 246
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653950.13    4187868.38       34.22095                      653970.13
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4187868.38 18.31527
654070.13 4187868.38 16.49136 654090.13
4187868.38 14.93119
654110.13 4187868.38 13.58719 654130.13
4187868.38 12.42144
654150.13 4187868.38 11.40392 654170.13
4187868.38 10.51042
654190.13 4187868.38 9.72152 654210.13
4187868.38 9.02135
654230.13 4187868.38 8.39697 654250.13
4187868.38 7.83766
654270.13 4187868.38 7.33461 654290.13
4187868.38 6.88040
654310.13 4187868.38 6.46882 654330.13
4187868.38 6.09460
654350.13 4187868.38 5.75331 654370.13
4187868.38 5.44112
654390.13 4187868.38 5.15478 654410.13
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654430.13 4187868.38 4.64873 654450.13
4187868.38 4.42446
654470.13 4187868.38 4.21679 654490.13
4187868.38 4.02410
653690.13 4187888.38 88.50636 653830.13
4187888.38 107.55241
653850.13 4187888.38 89.05091 653870.13
4187888.38 73.02649
653890.13 4187888.38 60.08268 653910.13
4187888.38 49.92722
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4187888.38 35.75827
653970.13 4187888.38 30.79286 653990.13
4187888.38 26.79046
654010.13 4187888.38 23.52426 654030.13
4187888.38 20.82808
654050.13 4187888.38 18.57838 654070.13
4187888.38 16.68249
654090.13 4187888.38 15.07025 654110.13
4187888.38 13.68774
654130.13 4187888.38 12.49302 654150.13
4187888.38 11.45342
654170.13 4187888.38 10.54293 654190.13
4187888.38 9.74081
654210.13 4187888.38 9.03031 654230.13
4187888.38 8.39789
654250.13 4187888.38 7.83233 654270.13

4187888.38   7.32441
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4187888.38   6.45203
         654330.13   4187888.38   6.07570   654350.13
4187888.38   5.73286
         654370.13   4187888.38   5.41960   654390.13
4187888.38   5.13255
         654410.13   4187888.38   4.86882   654430.13
4187888.38   4.62592
         654450.13   4187888.38   4.40166   654470.13
4187888.38   4.19416
         654490.13   4187888.38   4.00176   653690.13
4187908.38   122.05102
         653830.13   4187908.38   134.42459   653850.13
4187908.38   103.33106
         653870.13   4187908.38   80.71214   653890.13
4187908.38   64.40633
         653910.13   4187908.38   52.47006   653930.13
4187908.38   43.54103
         653950.13   4187908.38   36.71518   653970.13
4187908.38   31.39196
         653990.13   4187908.38   27.16554   654010.13
4187908.38   23.75583
         654030.13   4187908.38   20.96562   654050.13
4187908.38   18.65317
         654070.13   4187908.38   16.71497   654090.13
4187908.38   15.07383
         654110.13   4187908.38   13.67161   654130.13
4187908.38   12.46347

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC

- - - -

```
         654410.13    4187928.38        4.78115                       654430.13
4187928.38        4.54314
         654450.13    4187928.38        4.32346                       654470.13
4187928.38        4.12025
         654490.13    4187928.38        3.93185                       653690.13
4187948.38      287.23143
         653830.13    4187948.38      163.06471                       653850.13
4187948.38      114.26829
         653870.13    4187948.38       84.85976                       653890.13
4187948.38       65.74502
         653910.13    4187948.38       52.59687                       653930.13
4187948.38       43.14669
         653950.13    4187948.38       36.11322                       653970.13
4187948.38       30.72845
         653990.13    4187948.38       26.50792                       654010.13
4187948.38       23.13393
         654030.13    4187948.38       20.39110                       654050.13
4187948.38       18.12890
         654070.13    4187948.38       16.23953                       654090.13
4187948.38       14.64386
         654110.13    4187948.38       13.28301                       654130.13
4187948.38       12.11228
         654150.13    4187948.38       11.09715                       654170.13
4187948.38       10.21063
         654190.13    4187948.38        9.43151                       654210.13
4187948.38        8.74276
         654230.13    4187948.38        8.13061                       654250.13
4187948.38        7.58390
         654270.13    4187948.38        7.09344                       654290.13
4187948.38        6.65157
         654310.13    4187948.38        6.25196                       654330.13
4187948.38        5.88924
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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654390.13	4187948.38	4.98073	654410.13	4187948.38	4.72674
654430.13	4187948.38	4.49278	654450.13	4187948.38	4.27677
654470.13	4187948.38	4.07686	654490.13	4187948.38	3.89147
653690.13	4187968.38	404.06156	653830.13	4187968.38	148.65175
653850.13	4187968.38	105.43029	653870.13	4187968.38	79.08972
653890.13	4187968.38	61.78456	653910.13	4187968.38	49.76632
653930.13	4187968.38	41.05513	653950.13	4187968.38	34.52529
653970.13	4187968.38	29.49478	653990.13	4187968.38	25.53069
654010.13	4187968.38	22.34682	654030.13	4187968.38	19.74791
654050.13	4187968.38	17.59667	654070.13	4187968.38	15.79404
654090.13	4187968.38	14.26727	654110.13	4187968.38	12.96185
654130.13	4187968.38	11.83613	654150.13	4187968.38	10.85794
654170.13	4187968.38	10.00206	654190.13	4187968.38	9.24855
654210.13	4187968.38	8.58135	654230.13	4187968.38	7.98749
654250.13	4187968.38	7.45640	654270.13	4187968.38	6.97932
654290.13	4187968.38	6.54904	654310.13	4187968.38	6.15945
654330.13	4187968.38	5.80550	654350.13	4187968.38	5.48287
654370.13	4187968.38	5.18787	654390.13	4187968.38	4.91738
654410.13	4187968.38	4.66868	654430.13	4187968.38	4.43944
654450.13	4187968.38	4.22763	654470.13	4187968.38	4.03148
654490.13	4187968.38	3.84948	653690.13	4187988.38	319.26563
653830.13	4187988.38	114.31469	653850.13		

4187988.38   86.70808
         653870.13   4187988.38   67.87119   653890.13
4187988.38   54.57835
         653910.13   4187988.38   44.88578   653930.13
4187988.38   37.60930
         653950.13   4187988.38   32.00897   653970.13
4187988.38   27.60520
         653990.13   4187988.38   24.07809   654010.13
4187988.38   21.20783
         654030.13   4187988.38   18.83948   654050.13
4187988.38   16.86119
         654070.13   4187988.38   15.19072   654090.13
4187988.38   13.76658
         654110.13   4187988.38   12.54196   654130.13
4187988.38   11.48073
         654150.13   4187988.38   10.55460   654170.13
4187988.38   9.74121
         654190.13   4187988.38   9.02265   654210.13
4187988.38   8.38444
         654230.13   4187988.38   7.81488   654250.13
4187988.38   7.30427
         654270.13   4187988.38   6.84457   654290.13
4187988.38   6.42911
         654310.13   4187988.38   6.05228   654330.13
4187988.38   5.70934
         654350.13   4187988.38   5.39625   654370.13
4187988.38   5.10958
         654390.13   4187988.38   4.84638   654410.13
4187988.38   4.60409
         654430.13   4187988.38   4.38051   654450.13
4187988.38   4.17372
         654470.13   4187988.38   3.98204   654490.13
4187988.38   3.80401
         653655.14   4187974.84   146.60709   653791.22
4188024.71   78.81297

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653827.99	4188054.29	37.03656	653851.66	4188036.97	41.05901
653905.33	4188036.12	30.14894	653749.81	4188104.17	27.04494
653938.30	4188029.78	26.21649	653988.59	4188027.67	19.93916
654041.42	4188038.23	14.48182	653989.86	4188051.76	16.97248
653634.01	4187869.18	38.43130	653624.71	4187963.01	82.29236
653582.87	4187962.16	47.47803	653701.20	4188100.78	32.05092
654582.91	4187495.31	2.81614	654554.33	4187451.49	2.80672
654607.68	4187449.58	2.59906	654492.60	4186914.23	1.32111
654507.05	4186910.79	1.30935	654509.12	4186964.47	1.41893
653809.30	4186919.71	1.39425	654342.28	4186818.67	1.29397
655092.49	4187197.56	1.24190	654238.71	4186303.37	0.71404
655153.11	4188271.10	1.08092	653689.06	4188008.65	199.59906
653683.67	4188032.40	112.31292	653706.08	4188038.27	98.75069
653679.42	4188056.68	69.10763	653658.84	4188047.21	74.37258
653702.97	4188063.08	58.50745	653675.63	4188081.17	45.89184
653653.68	4188071.07	52.10480	653699.87	4188087.89	38.81673
653668.64	4188130.42	24.20480	653645.12	4188119.60	28.14432
653621.60	4188108.77	30.71268	653693.66	4188137.50	20.94311
653663.21	4188180.40	14.85713	653641.26	4188170.29	16.91664
653619.30	4188160.19	18.79388	653597.35	4188150.08	20.20520
653575.40	4188139.97	20.66232	653687.45	4188187.11	13.26398

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4188198.22       13.79766
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4188177.17       14.90052
         653681.24    4188236.72        9.24380                       653650.00
4188279.26        7.44349
         653626.48    4188268.43        8.28832                       653602.96
4188257.61        9.14254
         653579.44    4188246.78        9.93044                       653555.92
4188235.95       10.62729
         653532.40    4188225.12       11.15348                       653508.88
4188214.30       11.33297
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4188328.76        5.70618
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4188306.66        6.89680
         653571.52    4188295.60        7.47730                       653547.50
4188284.55        8.00477
         653523.49    4188273.50        8.47764                       653499.48
4188262.44        8.83359
         653475.47    4188251.39        8.95410                       653668.81
4188335.95        5.32245
         653631.37    4188428.10        3.69406                       653607.85
4188417.27        3.97896
         653584.33    4188406.45        4.29583                       653560.81
4188395.62        4.61823
         653537.29    4188384.79        4.92665                       653513.77
4188373.96        5.21000
         653490.25    4188363.13        5.47291                       653466.73
4188352.31        5.71938
         653443.21    4188341.48        5.92435                       653419.68
4188330.65        6.03929
         653656.39    4188435.17        3.51255                       653618.64
4188527.18        2.62060
         653594.49    4188516.07        2.78526                       653570.34
4188504.95        2.97489
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 250
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL      ***
                                   INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653546.19	4188493.83	3.17443	653522.04	4188482.72	3.37452
653497.90	4188471.60	3.56515	653473.75	4188460.48	3.74002
653449.60	4188449.37	3.90227	653425.45	4188438.25	4.06035
653401.30	4188427.13	4.21046	653377.16	4188416.02	4.33296
653353.01	4188404.90	4.40218	653643.97	4188534.40	2.52054
653606.40	4188626.49	1.97184	653582.61	4188615.54	2.07068
653558.83	4188604.60	2.18684	653535.05	4188593.65	2.31208
653511.27	4188582.70	2.44072	653487.49	4188571.75	2.57002
653463.70	4188560.80	2.69487	653439.92	4188549.86	2.81033
653416.14	4188538.91	2.91612	653392.36	4188527.96	3.01748
653368.58	4188517.01	3.11920	653344.79	4188506.06	3.21864
653321.01	4188495.12	3.30480	653297.23	4188484.17	3.36451
653273.45	4188473.22	3.38567	653631.55	4188633.63	1.91318
653593.76	4188725.62	1.54895	653569.55	4188714.47	1.61484
653545.33	4188703.33	1.69413	653521.12	4188692.18	1.78084
653496.91	4188681.03	1.87028	653472.70	4188669.89	1.96107
653448.48	4188658.74	2.05243	653424.27	4188647.60	2.14093
653400.06	4188636.45	2.22245	653375.85	4188625.30	2.29677
653351.63	4188614.16	2.36722	653327.42	4188603.01	2.43819
653303.21	4188591.86	2.51078	653279.00		

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4188580.72        2.58067
         653254.78    4188569.57        2.64048                      653230.57
4188558.43        2.68137
         653206.36    4188547.28        2.69638                      653619.13
4188732.85        1.51137
         653581.48    4188824.91        1.25446                      653557.56
4188813.90        1.29868
         653533.64    4188802.88        1.35295                      653509.71
4188791.87        1.41353
         653485.79    4188780.86        1.47662                      653461.87
4188769.85        1.54047
         653437.95    4188758.83        1.60536                      653414.02
4188747.82        1.67109
         653390.10    4188736.81        1.73562                      653366.18
4188725.80        1.79571
         653342.25    4188714.78        1.84997                      653318.33
4188703.77        1.90025
         653294.41    4188692.76        1.94956                      653270.49
4188681.74        2.00064
         653246.56    4188670.73        2.05322                      653222.64
4188659.72        2.10477
         653198.72    4188648.71        2.15057                      653174.79
4188637.69        2.18566
         653150.87    4188626.68        2.20505                      653606.70
4188832.08        1.22986
         653550.32    4189072.92        0.81488                      653526.17
4189061.81        0.83453
         653502.02    4189050.69        0.85968                      653477.87
4189039.57        0.88922
         653453.72    4189028.46        0.92119                      653429.58
4189017.34        0.95373
         653405.43    4189006.22        0.98600                      653381.28
4188995.11        1.01827
         653357.13    4188983.99        1.05146                      653332.98
4188972.87        1.08590
         653308.84    4188961.76        1.12079                      653284.69
4188950.64        1.15454
         653260.54    4188939.53        1.18554                      653236.39
4188928.41        1.21324
         653212.24    4188917.29        1.23838                      653188.10
4188906.18        1.26248
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653163.95	4188895.06	1.28728	653139.80	4188883.94	1.31357
653115.65	4188872.83	1.34129	653091.50	4188861.71	1.36952
653067.36	4188850.59	1.39687	653043.21	4188839.48	1.42148
653019.06	4188828.36	1.44141	652994.91	4188817.24	1.45480
652970.76	4188806.13	1.46006	653575.65	4189080.14	0.80487
653519.38	4189321.04	0.57973	653495.48	4189310.04	0.58948
653471.58	4189299.04	0.60230	653447.68	4189288.04	0.61805
653423.78	4189277.03	0.63597	653399.88	4189266.03	0.65494
653375.98	4189255.03	0.67399	653352.08	4189244.03	0.69255
653328.18	4189233.02	0.71067	653304.28	4189222.02	0.72881
653280.38	4189211.02	0.74759	653256.48	4189200.02	0.76742
653232.58	4189189.02	0.78811	653208.68	4189178.01	0.80897
653184.78	4189167.01	0.82898	653160.88	4189156.01	0.84732
653136.98	4189145.01	0.86370	653113.08	4189134.00	0.87834
653089.18	4189123.00	0.89197	653065.28	4189112.00	0.90540
653041.38	4189101.00	0.91934	653017.48	4189089.99	0.93424
652993.58	4189078.99	0.95011	652969.68	4189067.99	0.96670
652945.78	4189056.99	0.98355	652921.88	4189045.99	1.00004

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         652897.98    4189034.98        1.01547                        652874.08
4189023.98        1.02894
         652850.18    4189012.98        1.03974                        652826.28
4189001.98        1.04698
         652802.38    4188990.97        1.05011                        653544.59
4189328.20        0.57527
         653488.25    4189569.07        0.43790                        653464.19
4189558.00        0.44327
         653440.14    4189546.92        0.45055                        653416.08
4189535.85        0.45981
         653392.02    4189524.77        0.47078                        653367.96
4189513.70        0.48289
         653343.90    4189502.62        0.49550                        653319.85
4189491.55        0.50798
         653295.79    4189480.47        0.52000                        653271.73
4189469.40        0.53148
         653247.67    4189458.32        0.54269                        653223.62
4189447.25        0.55403
         653199.56    4189436.17        0.56595                        653175.50
4189425.10        0.57869
         653151.44    4189414.02        0.59222                        653127.38
4189402.95        0.60617
         653103.33    4189391.87        0.61996                        653079.27
4189380.80        0.63299
         653055.21    4189369.72        0.64480                        653031.15
4189358.65        0.65525
         653007.10    4189347.57        0.66452                        652983.04
4189336.50        0.67303
         652958.98    4189325.42        0.68127                        652934.92
4189314.35        0.68970
         652910.86    4189303.27        0.69862                        652886.81
4189292.20        0.70820
         652862.75    4189281.12        0.71842                        652838.69
4189270.05        0.72912
         652814.63    4189258.97        0.74017                        652790.58
4189247.90        0.75121
         652766.52    4189236.82        0.76199                        652742.46
4189225.75        0.77211
         652718.40    4189214.67        0.78121                        652694.35
4189203.60        0.78882
         652670.29    4189192.52        0.79451                        652646.23
4189181.45        0.79787
         653513.54    4189576.27        0.43578                        653457.14
4189817.11        0.34496
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653432.96	4189805.98	0.34808	653408.79	4189794.85	0.35244
653384.62	4189783.72	0.35816	653360.44	4189772.59	0.36517
653336.27	4189761.47	0.37322	653312.09	4189750.34	0.38192
653287.92	4189739.21	0.39083	653263.75	4189728.08	0.39958
653239.57	4189716.95	0.40791	653215.40	4189705.82	0.41577
653191.22	4189694.69	0.42326	653167.05	4189683.57	0.43062
653142.87	4189672.44	0.43818	653118.70	4189661.31	0.44621
653094.53	4189650.18	0.45489	653070.35	4189639.05	0.46421
653046.18	4189627.92	0.47399	653022.00	4189616.80	0.48388
652997.83	4189605.67	0.49348	652973.66	4189594.54	0.50242
652949.48	4189583.41	0.51047	652925.31	4189572.28	0.51755
652901.13	4189561.15	0.52380	652876.96	4189550.02	0.52949
652852.79	4189538.90	0.53492	652828.61	4189527.77	0.54038
652804.44	4189516.64	0.54614	652780.26	4189505.51	0.55229
652756.09	4189494.38	0.55890	652731.91	4189483.25	0.56593
652707.74	4189472.13	0.57329	652683.57	4189461.00	0.58090
652659.39	4189449.87	0.58861	652635.22		

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4189438.74        0.59627
         652611.04    4189427.61        0.60374                       652586.87
4189416.48        0.61082
         652562.70    4189405.36        0.61727                       652538.52
4189394.23        0.62287
         652514.35    4189383.10        0.62735                       652490.17
4189371.97        0.63043
         652466.00    4189360.84        0.63193                       653482.48
4189824.33        0.34399
         653395.06    4190313.25        0.23342                       653370.96
4190302.15        0.23455
         653346.85    4190291.06        0.23623                       653322.74
4190279.96        0.23859
         653298.63    4190268.86        0.24166                       653274.53
4190257.76        0.24542
         653250.42    4190246.67        0.24976                       653226.31
4190235.57        0.25452
         653202.21    4190224.47        0.25951                       653178.10
4190213.37        0.26453
         653153.99    4190202.27        0.26942                       653129.89
4190191.18        0.27403
         653105.78    4190180.08        0.27833                       653081.67
4190168.98        0.28231
         653057.56    4190157.88        0.28603                       653033.46
4190146.79        0.28962
         653009.35    4190135.69        0.29322                       652985.24
4190124.59        0.29697
         652961.14    4190113.49        0.30103                       652937.03
4190102.40        0.30546
         652912.92    4190091.30        0.31032                       652888.82
4190080.20        0.31554
         652864.71    4190069.10        0.32103                       652840.60
4190058.01        0.32661
         652816.50    4190046.91        0.33210                       652792.39
4190035.81        0.33733
         652768.28    4190024.71        0.34216                       652744.17
4190013.62        0.34648
         652720.07    4190002.52        0.35029                       652695.96
4189991.42        0.35364
         652671.85    4189980.32        0.35664                       652647.75
4189969.23        0.35941
         652623.64    4189958.13        0.36210                       652599.53
4189947.03        0.36482
         652575.43    4189935.93        0.36767                       652551.32
4189924.84        0.37070
         652527.21    4189913.74        0.37395                       652503.11
4189902.64        0.37742
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652479.00	4189891.54	0.38108	652454.89	4189880.45	0.38492
652430.78	4189869.35	0.38889	652406.68	4189858.25	0.39295
652382.57	4189847.15	0.39708	652358.46	4189836.06	0.40122
652334.36	4189824.96	0.40536	652310.25	4189813.86	0.40943
652286.14	4189802.76	0.41337	652262.04	4189791.67	0.41712
652237.93	4189780.57	0.42058	652213.82	4189769.47	0.42365
652189.72	4189758.37	0.42621	652165.61	4189747.28	0.42816
652141.50	4189736.18	0.42940	653420.38	4190320.46	0.23335
653332.88	4190809.34	0.17078	653308.63	4190798.18	0.17119
653284.38	4190787.02	0.17189	653260.13	4190775.85	0.17296
653235.88	4190764.69	0.17443	653211.63	4190753.53	0.17633
653187.38	4190742.36	0.17864	653163.13	4190731.20	0.18130
653138.88	4190720.04	0.18424	653114.63	4190708.87	0.18737
653090.38	4190697.71	0.19056	653066.13	4190686.55	0.19374
653041.88	4190675.38	0.19682	653017.63	4190664.22	0.19973

652993.38 4190653.06 0.20242 652969.13 4190641.89 0.20489
652944.88 4190630.73 0.20715 652920.63 4190619.57 0.20925
652896.38 4190608.40 0.21126 652872.13 4190597.24 0.21325
652847.88 4190586.08 0.21530 652823.63 4190574.91 0.21749
652799.38 4190563.75 0.21988 652775.13 4190552.59 0.22252
652750.88 4190541.42 0.22542 652726.63 4190530.26 0.22858
652702.38 4190519.10 0.23195 652678.13 4190507.93 0.23546
652653.88 4190496.77 0.23902 652629.63 4190485.61 0.24254
652605.38 4190474.44 0.24592 652581.13 4190463.28 0.24907
652556.88 4190452.12 0.25194 652532.63 4190440.95 0.25450
652508.38 4190429.79 0.25675 652484.13 4190418.63 0.25872
652459.88 4190407.46 0.26049 652435.63 4190396.30 0.26210
652411.38 4190385.14 0.26364 652387.13 4190373.97 0.26517
652362.88 4190362.81 0.26674 652338.63 4190351.64 0.26840
652314.38 4190340.48 0.27016 652290.13 4190329.32 0.27205
652265.88 4190318.15 0.27406 652241.63 4190306.99 0.27618
652217.38 4190295.83 0.27841 652193.13 4190284.66 0.28072
652168.88 4190273.50 0.28309 652144.63 4190262.34 0.28551
652120.38 4190251.17 0.28797 652096.13 4190240.01 0.29046
652071.88 4190228.85 0.29296 652047.63 4190217.68 0.29547
652023.38 4190206.52 0.29798 651999.13 4190195.36 0.30045
651974.88 4190184.19 0.30288 651950.63 4190173.03 0.30522
651926.38 4190161.87 0.30744 651902.13 4190150.70 0.30948
651877.88 4190139.54 0.31129 651853.63 4190128.38 0.31281
651829.38 4190117.21 0.31398 651805.13 4190106.05 0.31475

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653358.27	4190816.59	0.17096	653270.80	4191305.49	0.13167
653246.61	4191294.35	0.13179	653222.42	4191283.21	0.13206
653198.23	4191272.08	0.13255	653174.04	4191260.94	0.13327
653149.84	4191249.80	0.13426	653125.65	4191238.67	0.13553
653101.46	4191227.53	0.13706	653077.27	4191216.39	0.13882
653053.08	4191205.26	0.14077	653028.89	4191194.12	0.14287
653004.70	4191182.99	0.14505	652980.51	4191171.85	0.14726
652956.31	4191160.71	0.14945	652932.12	4191149.58	0.15154
652907.93	4191138.44	0.15353	652883.74	4191127.30	0.15537
652859.55	4191116.17	0.15705	652835.36	4191105.03	0.15858
652811.17	4191093.89	0.15997	652786.98	4191082.76	0.16125
652762.78	4191071.62	0.16246	652738.59	4191060.49	0.16363
652714.40	4191049.35	0.16482	652690.21	4191038.21	0.16607
652666.02	4191027.08	0.16743	652641.83		

4191015.94 0.16892
652617.64 4191004.80 0.17057 652593.44
4190993.67 0.17240
652569.25 4190982.53 0.17440 652545.06
4190971.40 0.17657
652520.87 4190960.26 0.17886 652496.68
4190949.12 0.18124
652472.49 4190937.99 0.18367 652448.30
4190926.85 0.18608
652424.11 4190915.71 0.18842 652399.91
4190904.58 0.19064
652375.72 4190893.44 0.19270 652351.53
4190882.30 0.19457
652327.34 4190871.17 0.19625 652303.15
4190860.03 0.19772
652278.96 4190848.90 0.19902 652254.77
4190837.76 0.20017
652230.58 4190826.62 0.20121 652206.38
4190815.49 0.20218
652182.19 4190804.35 0.20313 652158.00
4190793.21 0.20407
652133.81 4190782.08 0.20505 652109.62
4190770.94 0.20608
652085.43 4190759.80 0.20718 652061.24
4190748.67 0.20835
652037.04 4190737.53 0.20959 652012.85
4190726.40 0.21091
651988.66 4190715.26 0.21229 651964.47
4190704.12 0.21373
651940.28 4190692.99 0.21521 651916.09
4190681.85 0.21673
651891.90 4190670.71 0.21827 651867.71
4190659.58 0.21983
651843.51 4190648.44 0.22141 651819.32
4190637.30 0.22300
651795.13 4190626.17 0.22461 651770.94
4190615.03 0.22623
651746.75 4190603.90 0.22785 651722.56
4190592.76 0.22946
651698.37 4190581.62 0.23107 651674.18
4190570.49 0.23266
651649.98 4190559.35 0.23423 651625.79
4190548.21 0.23574
651601.60 4190537.08 0.23718 651577.41
4190525.94 0.23852
651553.22 4190514.80 0.23973 651529.03
4190503.67 0.24078
651504.84 4190492.53 0.24163 651480.65
4190481.40 0.24225
651456.45 4190470.26 0.24263 653296.16

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653160.42	4191779.39	0.10545	653136.27	4191768.27	0.10565
653112.12	4191757.16	0.10601	653087.97	4191746.04	0.10654
653063.83	4191734.92	0.10725	653039.68	4191723.81	0.10815
653015.53	4191712.69	0.10922	652991.38	4191701.58	0.11046
652967.23	4191690.46	0.11183	652943.09	4191679.34	0.11332
652918.94	4191668.23	0.11488	652894.79	4191657.11	0.11648
652870.64	4191645.99	0.11808	652846.49	4191634.88	0.11966
652822.35	4191623.76	0.12117	652798.20	4191612.64	0.12261
652774.05	4191601.53	0.12394	652749.90	4191590.41	0.12517
652725.75	4191579.29	0.12628	652701.61	4191568.18	0.12729
652677.46	4191557.06	0.12821	652653.31	4191545.95	0.12904
652629.16	4191534.83	0.12982	652605.01	4191523.71	0.13056

652580.87 4191512.60 0.13131 652556.72 4191501.48 0.13207
652532.57 4191490.36 0.13289 652508.42 4191479.25 0.13378
652484.27 4191468.13 0.13477 652460.13 4191457.01 0.13587
652435.98 4191445.90 0.13709 652411.83 4191434.78 0.13844
652387.68 4191423.67 0.13990 652363.53 4191412.55 0.14146
652339.39 4191401.43 0.14311 652315.24 4191390.32 0.14482
652291.09 4191379.20 0.14655 652266.94 4191368.08 0.14829
652242.79 4191356.97 0.14999 652218.65 4191345.85 0.15162
652194.50 4191334.73 0.15317 652170.35 4191323.62 0.15459
652146.20 4191312.50 0.15588 652122.05 4191301.38 0.15704
652097.91 4191290.27 0.15807 652073.76 4191279.15 0.15897
652049.61 4191268.04 0.15978 652025.46 4191256.92 0.16050
652001.31 4191245.80 0.16116 651977.17 4191234.69 0.16179
651953.02 4191223.57 0.16241 651928.87 4191212.45 0.16304
651904.72 4191201.34 0.16369 651880.57 4191190.22 0.16438
651856.43 4191179.10 0.16510 651832.28 4191167.99 0.16588
651808.13 4191156.87 0.16671 651783.98 4191145.76 0.16758
651759.84 4191134.64 0.16850 651735.69 4191123.52 0.16945
651711.54 4191112.41 0.17043 651687.39 4191101.29 0.17143
651663.24 4191090.17 0.17246 651639.10 4191079.06 0.17349
651614.95 4191067.94 0.17453 651590.80 4191056.82 0.17557
651566.65 4191045.71 0.17661 651542.50 4191034.59 0.17767
651518.36 4191023.47 0.17875 651494.21 4191012.36 0.17985
651470.06 4191001.24 0.18097 651445.91 4190990.13 0.18208
651421.76 4190979.01 0.18320 651397.62 4190967.89 0.18431

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651228.58	4190890.08	0.19158	651204.43	4190878.96	0.19237
651180.28	4190867.85	0.19305	651156.14	4190856.73	0.19358
651131.99	4190845.61	0.19395	653234.05	4191808.84	0.10562
653712.29	4188013.66	196.83539	653736.84	4188013.66	170.43608
653761.39	4188013.66	136.97501	653785.94	4188013.66	106.66892
653810.49	4188013.66	84.32351	653736.84	4188038.66	84.08953
653761.39	4188038.66	73.64224	653785.94	4188038.66	62.41499
653810.49	4188038.66	52.32054	653736.84	4188063.66	50.65618
653761.39	4188063.66	46.28631	653785.94	4188063.66	41.22368
653810.49	4188063.66	36.13427	653736.84	4188088.66	34.17684
653761.39	4188088.66	31.98952	653785.94		

4188088.66 29.35127
653810.49 4188088.66 26.54827 653736.84
4188138.66 18.91720
653761.39 4188138.66 18.14614 653785.94
4188138.66 17.20230
653810.49 4188138.66 16.13822 653712.29
4188188.66 12.54406
653736.84 4188188.66 12.19330 653761.39
4188188.66 11.83580
653785.94 4188188.66 11.39912 653810.49
4188188.66 10.90639
653712.29 4188238.66 8.78166 653736.84
4188238.66 8.60349
653761.39 4188238.66 8.40904 653785.94
4188238.66 8.17077
653810.49 4188238.66 7.90157 653712.29
4188288.66 6.54818
653736.84 4188288.66 6.44359 653761.39
4188288.66 6.32524
653785.94 4188288.66 6.18190 653810.49
4188288.66 6.01625
653712.29 4188338.66 5.10029 653736.84
4188338.66 5.03311
653761.39 4188338.66 4.95683 653785.94
4188338.66 4.86597
653810.49 4188338.66 4.75673 653693.66
4188437.50 3.42573
653736.84 4188438.66 3.35535 653761.39
4188438.66 3.31755
653785.94 4188438.66 3.27538 653810.49
4188438.66 3.22302
653689.52 4188537.24 2.46994 653666.74
4188535.82 2.49201
653712.29 4188538.66 2.44454 653736.84
4188538.66 2.42315
653761.39 4188538.66 2.40104 653785.94
4188538.66 2.37858
653810.49 4188538.66 2.35132 653692.10
4188637.40 1.87749
653736.84 4188638.66 1.84693 653761.39
4188638.66 1.83244
653785.94 4188638.66 1.81918 653810.49
4188638.66 1.80400
653689.00 4188737.21 1.48756 653665.71
4188735.76 1.49675
653642.42 4188734.30 1.50313 653712.29
4188738.66 1.47439
653736.84 4188738.66 1.46330 653761.39
4188738.66 1.45311
653785.94 4188738.66 1.44452 653810.49

4188738.66 1.43559
653691.17 4188837.34 1.21150 653648.94
4188834.71 1.22291
653736.84 4188838.66 1.19337 653761.39
4188838.66 1.18579
653785.94 4188838.66 1.17984 653810.49
4188838.66 1.17431
653689.52 4189087.24 0.79528 653666.74
4189085.82 0.80033

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653643.97	4189084.40	0.80340	653621.20	4189082.98	0.80449
653598.42	4189081.56	0.80447	653712.29	4189088.66	0.78901
653736.84	4189088.66	0.78389	653761.39	4189088.66	0.77965
653785.94	4189088.66	0.77663	653810.49	4189088.66	0.77444
653688.33	4189337.17	0.56939	653664.38	4189335.67	0.57326
653640.42	4189334.18	0.57595	653616.46	4189332.69	0.57715
653592.51	4189331.19	0.57699	653568.55	4189329.70	0.57605
653712.29	4189338.66	0.56496	653736.84	4189338.66	0.56158
653761.39	4189338.66	0.55885	653785.94	4189338.66	0.55699

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         653810.49    4189338.66        0.55584                    653690.21
4189587.28        0.43133
         653646.04    4189584.53        0.43640                    653601.87
4189581.78        0.43873
         653557.71    4189579.02        0.43786                    653736.84
4189588.66        0.42607
         653761.39    4189588.66        0.42418                    653785.94
4189588.66        0.42288
         653810.49    4189588.66        0.42213                    653689.31
4189837.23        0.34068
         653666.33    4189835.79        0.34287                    653643.35
4189834.36        0.34481
         653620.37    4189832.93        0.34631                    653597.39
4189831.50        0.34720
         653574.41    4189830.06        0.34743                    653551.43
4189828.63        0.34704
         653528.45    4189827.20        0.34617                    653505.47
4189825.76        0.34505
         653712.29    4189838.66        0.33844                    653736.84
4189838.66        0.33669
         653761.39    4189838.66        0.33530                    653785.94
4189838.66        0.33435
         653810.49    4189838.66        0.33379                    653687.96
4190337.14        0.23128
         653663.64    4190335.63        0.23271                    653639.31
4190334.11        0.23408
         653614.99    4190332.59        0.23527                    653590.66
4190331.08        0.23618
         653566.33    4190329.56        0.23674                    653542.01
4190328.04        0.23692
         653517.68    4190326.53        0.23670                    653493.35
4190325.01        0.23613
         653469.03    4190323.49        0.23530                    653444.70
4190321.98        0.23432
         653712.29    4190338.66        0.22987                    653736.84
4190338.66        0.22883
         653761.39    4190338.66        0.22798                    653785.94
4190338.66        0.22737
         653810.49    4190338.66        0.22701                    653688.69
4190837.19        0.16944
         653665.09    4190835.72        0.17036                    653641.49
4190834.25        0.17127
         653617.88    4190832.77        0.17213                    653594.28
4190831.30        0.17289
         653570.68    4190829.83        0.17351                    653547.08
4190828.36        0.17396
         653523.48    4190826.89        0.17421                    653499.88
4190825.42        0.17425
         653476.27    4190823.94        0.17407                    653452.67
4190822.47        0.17369
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653429.07	4190821.00	0.17314	653405.47	4190819.53	0.17246
653381.87	4190818.06	0.17171	653712.29	4190838.66	0.16856
653736.84	4190838.66	0.16787	653761.39	4190838.66	0.16731
653785.94	4190838.66	0.16688	653810.49	4190838.66	0.16661
653687.81	4191337.13	0.13080	653663.33	4191335.61	0.13146
653638.85	4191334.08	0.13213	653614.38	4191332.55	0.13277
653589.90	4191331.03	0.13337	653565.42	4191329.50	0.13389
653540.94	4191327.98	0.13431	653516.46	4191326.45	0.13463
653491.98	4191324.92	0.13481	653467.51	4191323.40	0.13486
653443.03	4191321.87	0.13477	653418.55	4191320.34	0.13453
653394.07	4191318.82	0.13417	653369.59	4191317.29	0.13369
653345.11	4191315.77	0.13313	653320.64	4191314.24	0.13253
653712.29	4191338.66	0.13017	653736.84	4191338.66	0.12968
653761.39	4191338.66	0.12928	653785.94		

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4191338.66        0.12896
         653810.49    4191338.66        0.12874                    653688.38
4191837.17        0.10477
         653664.47    4191835.68        0.10524                    653640.55
4191834.19        0.10571
         653616.64    4191832.70        0.10618                    653592.73
4191831.21        0.10663
         653568.82    4191829.71        0.10704                    653544.90
4191828.22        0.10740
         653520.99    4191826.73        0.10771                    653497.08
4191825.24        0.10796
         653473.17    4191823.75        0.10813                    653449.26
4191822.26        0.10822
         653425.34    4191820.77        0.10823                    653401.43
4191819.28        0.10815
         653377.52    4191817.79        0.10799                    653353.61
4191816.30        0.10774
         653329.70    4191814.80        0.10741                    653305.78
4191813.31        0.10701
         653281.87    4191811.82        0.10657                    653257.96
4191810.33        0.10609
         653712.29    4191838.66        0.10432                    653736.84
4191838.66        0.10396
         653761.39    4191838.66        0.10366                    653785.94
4191838.66        0.10341
         653810.49    4191838.66        0.10323                    653835.43
4187990.43      102.48114
         653838.58    4187946.01      139.46089                    653841.72
4187901.59      109.29927
         653852.47    4188008.72       63.06410                    653861.94
4187969.98       87.62028
         653865.09    4187925.56       90.64521                    653868.23
4187881.14       70.89831
         653877.41    4188010.49       49.18375                    653844.57
4188050.24       35.52617
         653886.88    4187971.75       63.11857                    653890.02
4187927.33       66.61997
         653893.17    4187882.91       57.01326                    653902.34
4188012.25       39.30892
         653886.55    4188045.30       30.20145                    653861.61
4188068.54       26.03935
         653911.81    4187973.52       47.91193                    653914.96
4187929.10       50.94442
         653918.11    4187884.68       46.03385                    653950.64
4188019.09       26.38688
         653931.69    4188058.75       21.05467                    653892.29
4188106.46       15.98604
         653851.39    4188122.56       16.26743                    653961.69
4187977.05       30.65124
         653964.84    4187932.63       32.62223                    653967.98
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         653953.64    4188232.31        6.24004                    653912.74
4188248.41        6.30544
         653871.84    4188264.51        6.26421                    654111.31
4187987.66       12.49235
         654114.46    4187943.24       13.08321                    654117.61
4187898.82       13.22470
         654150.40    4188032.68        9.50236                    654131.98
4188071.24        8.80226
         654113.55    4188109.80        7.92612                    654095.13
4188148.35        6.94124
         654076.71    4188186.91        5.93901                    654058.28
4188225.47        5.20172
         654029.19    4188252.57        4.93817                    653989.42
4188268.22        4.96503
         653949.66    4188283.88        5.02256                    653909.90
4188299.53        5.02017
         653870.13    4188315.18        4.95599                    654161.19
4187991.19       10.04644
         654164.34    4187946.77       10.47108                    654167.48
4187902.35       10.63497
         654249.89    4188040.30        6.69219                    654230.94
4188079.96        6.33135
         654211.99    4188119.62        5.83482                    654193.04
4188159.28        5.32028
         654174.09    4188198.94        4.72908                    654155.14
4188238.60        4.14651
         654136.19    4188278.25        3.71214                    654096.79
4188325.96        3.39183
         654055.89    4188342.06        3.39586                    654014.99
4188358.16        3.43473
         653974.09    4188374.26        3.45103                    653933.19
4188390.36        3.43461
         653892.29    4188406.46        3.38121                    653851.39
4188422.56        3.29833
         654260.94    4187998.26        6.96650                    654264.09
4187953.84        7.20543
         654267.23    4187909.42        7.34139                    654349.97
4188046.67        5.00753
         654331.69    4188084.94        4.82407                    654313.40
4188123.21        4.53824
         654295.11    4188161.48        4.23343                    654276.83
4188199.74        3.92678
         654258.54    4188238.01        3.57201                    654240.26
4188276.28        3.20469
         654221.97    4188314.55        2.90585                    654203.69
4188352.81        2.68425
         654165.67    4188398.85        2.49790                    654126.20
4188414.38        2.49218
         654086.74    4188429.92        2.51181                    654047.28
4188445.45        2.53878
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654262.90	4188444.72	1.99454	654233.43	4188472.18	1.92990
654193.15	4188488.03	1.92042	654152.87	4188503.89	1.93129
654112.59	4188519.74	1.95674	654072.31	4188535.60	1.96052
654032.03	4188551.45	1.95555	653991.75	4188567.31	1.94832
653951.47	4188583.17	1.91736	653911.19		

4188599.02 1.87795
653870.91 4188614.88 1.85042 654460.44
4188012.40 3.99868
654463.59 4187967.98 4.09496 654466.73
4187923.56 4.16392
654549.14 4188061.51 3.14684 654530.19
4188101.17 3.07837
654511.24 4188140.83 2.95435 654492.29
4188180.48 2.80303
654473.34 4188220.14 2.65317 654454.39
4188259.80 2.51092
654435.43 4188299.46 2.35279 654416.48
4188339.12 2.16962
654397.53 4188378.78 1.98998 654378.58
4188418.44 1.84209
654359.63 4188458.10 1.72894 654340.68
4188497.76 1.63779
654301.28 4188545.46 1.54457 654260.38
4188561.56 1.53371
654219.48 4188577.66 1.53873 654178.58
4188593.76 1.56069
654137.68 4188609.86 1.56960 654096.79
4188625.96 1.56511
654055.89 4188642.06 1.56399 654014.99
4188658.16 1.55505
653974.09 4188674.26 1.52724 653933.19
4188690.36 1.49838
653892.29 4188706.46 1.48007 653851.39
4188722.56 1.46284
654560.19 4188019.47 3.20607 654563.34
4187975.05 3.27246
654566.48 4187930.63 3.32188 654648.78
4188068.81 2.59789
654629.60 4188108.94 2.55381 654610.42
4188149.08 2.46840
654591.25 4188189.21 2.35842 654572.07
4188229.34 2.24337
654552.89 4188269.47 2.13656 654533.72
4188309.60 2.03111
654514.54 4188349.73 1.90903 654495.37
4188389.86 1.77053
654476.19 4188429.99 1.63733 654457.01
4188470.12 1.52680
654437.84 4188510.25 1.44093 654418.66
4188550.39 1.37280
654399.49 4188590.52 1.30830 654369.20
4188618.73 1.26996
654327.82 4188635.02 1.25886 654286.43
4188651.31 1.26001
654245.05 4188667.60 1.27790 654203.66

4188683.89   1.29000
         654162.27   4188700.18   1.28763   654120.89
4188716.48   1.28498
         654079.50   4188732.77   1.28530   654038.11
4188749.06   1.27410
         653996.73   4188765.35   1.25009   653955.34
4188781.64   1.22865
         653913.96   4188797.93   1.21601   653872.57
4188814.22   1.20488
         654659.94   4188026.54   2.63746   654663.09
4187982.12   2.68513
         654666.23   4187937.70   2.72185   654898.35
4188086.07   1.74070
         654879.57   4188125.37   1.72601   654860.79
4188164.67   1.69155
         654842.01   4188203.98   1.64223   654823.23
4188243.28   1.58412
         654804.45   4188282.58   1.52316   654785.67
4188321.88   1.46542
         654766.89   4188361.18   1.41307   654748.11
4188400.48   1.36111

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654616.65 4188675.60 0.94951 654597.87
4188714.90 0.91814
654579.09 4188754.20 0.88727 654540.05
4188801.48 0.84662
654499.51 4188817.43 0.83701 654458.98
4188833.39 0.83260
654418.45 4188849.34 0.84003 654377.92
4188865.30 0.85269
654337.39 4188881.25 0.85944 654296.86
4188897.21 0.85769
654256.33 4188913.16 0.85423 654215.80
4188929.11 0.85486
654175.27 4188945.07 0.85669 654134.74
4188961.02 0.85235
654094.21 4188976.98 0.83989 654053.68
4188992.93 0.82529
654013.14 4189008.89 0.81468 653972.61
4189024.84 0.80893
653932.08 4189040.80 0.80502 653891.55
4189056.75 0.79907
653851.02 4189072.71 0.78856 654909.31
4188044.21 1.75716
654912.46 4187999.79 1.78042 654915.61
4187955.37 1.79848
655147.64 4188103.92 1.26154 655128.69
4188143.58 1.25596
655109.74 4188183.24 1.23921 655090.79
4188222.90 1.21323
655071.84 4188262.56 1.18107 655052.88
4188302.22 1.14516
655033.93 4188341.88 1.10776 655014.98
4188381.54 1.07178
654996.03 4188421.19 1.03930 654977.08
4188460.85 1.00954
654958.13 4188500.51 0.97896 654939.18
4188540.17 0.94377
654920.23 4188579.83 0.90293 654901.28
4188619.49 0.85886
654882.33 4188659.15 0.81599 654863.38
4188698.81 0.77741
654844.43 4188738.47 0.74427 654825.48
4188778.12 0.71650
654806.53 4188817.78 0.69364 654787.58
4188857.44 0.67498
654768.63 4188897.10 0.65836 654749.68
4188936.76 0.63963
654710.28 4188984.47 0.61238 654669.38
4189000.57 0.60437
654628.48 4189016.67 0.59906 654587.58
4189032.77 0.60137

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         654546.68    4189048.87        0.60987                      654505.78
4189064.97        0.61836
         654464.88    4189081.07        0.62166                      654423.98
4189097.17        0.61971
         654383.08    4189113.27        0.61654                      654342.18
4189129.37        0.61604
         654301.28    4189145.46        0.61828                      654260.38
4189161.56        0.61964
         654219.48    4189177.66        0.61641                      654178.58
4189193.76        0.60824
         654137.68    4189209.86        0.59838                      654096.79
4189225.96        0.59037
         654055.89    4189242.06        0.58553                      654014.99
4189258.16        0.58317
         653974.09    4189274.26        0.58159                      653933.19
4189290.36        0.57879
         653892.29    4189306.46        0.57332                      653851.39
4189322.56        0.56518
         655158.69    4188061.88        1.26940                      655161.83
4188017.46        1.28236
         655164.98    4187973.04        1.29245                      655396.95
4188121.72        0.96361
         655377.88    4188161.63        0.96179                      655358.81
4188201.54        0.95315
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         655339.74    4188241.45        0.93840                      655320.67
4188281.35        0.91927
         655301.60    4188321.26        0.89731                      655282.53
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4188361.17 0.87347
655263.46 4188401.08 0.84865 655244.39
4188440.99 0.82439
655225.32 4188480.90 0.80216 655206.25
4188520.80 0.78236
655187.19 4188560.71 0.76373 655168.12
4188600.62 0.74422
655149.05 4188640.53 0.72138 655129.98
4188680.44 0.69510
655110.91 4188720.35 0.66645 655091.84
4188760.25 0.63773
655072.77 4188800.16 0.61086 655053.70
4188840.07 0.58685
655034.63 4188879.98 0.56595 655015.56
4188919.89 0.54807
654996.49 4188959.80 0.53307 654977.42
4188999.70 0.52079
654958.35 4189039.61 0.51053 654939.28
4189079.52 0.50033
654920.21 4189119.43 0.48743 654880.56
4189167.44 0.46774
654839.40 4189183.64 0.46116 654798.25
4189199.84 0.45602
654757.09 4189216.04 0.45573 654715.93
4189232.24 0.46062
654674.78 4189248.44 0.46776 654633.62
4189264.64 0.47324
654592.46 4189280.84 0.47477 654551.31
4189297.04 0.47290
654510.15 4189313.25 0.47013 654468.99
4189329.45 0.46901
654427.84 4189345.65 0.47027 654386.68
4189361.85 0.47254
654345.53 4189378.05 0.47331 654304.37
4189394.25 0.47079
654263.21 4189410.45 0.46511 654222.06
4189426.65 0.45814
654180.90 4189442.85 0.45201 654139.74
4189459.05 0.44779
654098.59 4189475.25 0.44546 654057.43
4189491.45 0.44448
654016.27 4189507.66 0.44389 653975.12
4189523.86 0.44252
653933.96 4189540.06 0.43950 653892.80
4189556.26 0.43464
653851.65 4189572.46 0.42849 655408.06
4188079.56 0.96757
655411.21 4188035.14 0.97535 655414.36
4187990.72 0.98142
655646.28 4188139.49 0.76452 655627.13

4188179.58   0.76431
         655607.97   4188219.67   0.75970   655588.81
4188259.76   0.75088
         655569.65   4188299.86   0.73877   655550.49
4188339.95   0.72456
         655531.34   4188380.04   0.70899   655512.18
4188420.13   0.69235
         655493.02   4188460.22   0.67501   655473.86
4188500.32   0.65779
         655454.71   4188540.41   0.64172   655435.55
4188580.50   0.62739
         655416.39   4188620.59   0.61449   655397.23
4188660.69   0.60199
         655378.08   4188700.78   0.58855   655358.92
4188740.87   0.57304
         655339.76   4188780.96   0.55513   655320.60
4188821.06   0.53547
         655301.44   4188861.15   0.51534   655282.29
4188901.24   0.49599
         655263.13   4188941.33   0.47818   655243.97
4188981.42   0.46215
         655224.81   4189021.52   0.44791   655205.66
4189061.61   0.43557
         655186.50   4189101.70   0.42508   655167.34
4189141.79   0.41642
         655148.18   4189181.89   0.40939   655129.03
4189221.98   0.40315

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

655109.87 4189262.07 0.39608 655090.71 4189302.16 0.38646
655050.88 4189350.39 0.37150 655009.53 4189366.67 0.36607
654968.19 4189382.94 0.36142 654926.84 4189399.22 0.35991
654885.49 4189415.50 0.36232 654844.15 4189431.77 0.36745
654802.80 4189448.05 0.37289 654761.46 4189464.32 0.37639
654720.11 4189480.60 0.37699 654678.76 4189496.87 0.37531
654637.42 4189513.15 0.37294 654596.07 4189529.42 0.37157
654554.72 4189545.70 0.37202 654513.38 4189561.98 0.37382
654472.03 4189578.25 0.37563 654430.68 4189594.53 0.37595
654389.34 4189610.80 0.37391 654347.99 4189627.08 0.36975
654306.65 4189643.35 0.36464 654265.30 4189659.63 0.35989
654223.95 4189675.90 0.35629 654182.61 4189692.18 0.35398
654141.26 4189708.46 0.35282 654099.91 4189724.73 0.35246
654058.57 4189741.01 0.35233 654017.22 4189757.28 0.35168
653975.88 4189773.56 0.34994 653934.53 4189789.83 0.34694
653893.18 4189806.11 0.34288 653851.84 4189822.38 0.33825
655657.44 4188097.23 0.76659 655660.58 4188052.81 0.77159
655663.73 4188008.39 0.77545 656145.10 4188174.70 0.52130
656126.06 4188214.53 0.52216 656107.03 4188254.36 0.52100
656088.00 4188294.18 0.51770 656068.97 4188334.01 0.51248
656049.94 4188373.84 0.50583 656030.91 4188413.67 0.49826
656011.87 4188453.50 0.49018 655992.84 4188493.33 0.48166
655973.81 4188533.16 0.47264 655954.78 4188572.98 0.46316
655935.75 4188612.81 0.45352 655916.72 4188652.64 0.44416
655897.68 4188692.47 0.43549 655878.65 4188732.30 0.42772

655859.62 4188772.13 0.42078 655840.59
4188811.95 0.41437
655821.56 4188851.78 0.40798 655802.53
4188891.61 0.40105
655783.50 4188931.44 0.39311 655764.46
4188971.27 0.38401
655745.43 4189011.10 0.37389 655726.40
4189050.92 0.36335
655707.37 4189090.75 0.35255 655688.34
4189130.58 0.34209
655669.31 4189170.41 0.33224 655650.27
4189210.24 0.32310
655631.24 4189250.07 0.31475 655612.21
4189289.89 0.30720
655593.18 4189329.72 0.30042 655574.15
4189369.55 0.29440
655555.12 4189409.38 0.28919 655536.09
4189449.21 0.28486
655517.05 4189489.04 0.28140 655498.02
4189528.86 0.27855
655478.99 4189568.69 0.27572 655459.96
4189608.52 0.27207
655440.93 4189648.35 0.26689 655421.90
4189688.18 0.25992
655391.84 4189716.18 0.25426 655350.77
4189732.34 0.25050
655309.70 4189748.51 0.24695 655268.62
4189764.68 0.24474
655227.55 4189780.85 0.24455 655186.47
4189797.02 0.24642

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)

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Y-COORD (M)        CONC
 - - -
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4188691.14   0.34035
         656394.81   4188731.22   0.33432   656375.65
4188771.30   0.32836
         656356.50   4188811.38   0.32269   656337.35
4188851.46   0.31749
         656318.20   4188891.55   0.31283   656299.04
4188931.63   0.30866
         656279.89   4188971.71   0.30486   656260.74
4189011.79   0.30121
         656241.59   4189051.87   0.29746   656222.44
4189091.95   0.29329
         656203.28   4189132.03   0.28858   656184.13
4189172.11   0.28320
         656164.98   4189212.19   0.27719   656145.83
4189252.27   0.27074
         656126.68   4189292.35   0.26412   656107.52
4189332.43   0.25758
         656088.37   4189372.51   0.25126   656069.22
4189412.60   0.24525
         656050.07   4189452.68   0.23959   656030.91
4189492.76   0.23431
         656011.76   4189532.84   0.22944   655992.61
4189572.92   0.22497
         655973.46   4189613.00   0.22088   655954.31
4189653.08   0.21718
         655935.15   4189693.16   0.21389   655916.00
4189733.24   0.21108
         655896.85   4189773.32   0.20880   655877.70
4189813.40   0.20703
         655858.54   4189853.48   0.20562   655839.39
4189893.57   0.20424
         655820.24   4189933.65   0.20244   655801.09
4189973.73   0.19982

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF VOCS   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655781.94	4190013.81	0.19611	655762.78	4190053.89	0.19132
655732.54	4190082.06	0.18740	655691.21	4190098.34	0.18467
655649.87	4190114.61	0.18198	655608.54	4190130.88	0.17995
655567.20	4190147.15	0.17901	655525.87	4190163.42	0.17937
655484.53	4190179.69	0.18089	655443.20	4190195.96	0.18319
655401.87	4190212.23	0.18573	655360.53	4190228.50	0.18798
655319.20	4190244.77	0.18951	655277.86	4190261.04	0.19013
655236.53	4190277.31	0.18984	655195.19	4190293.59	0.18887
655153.86	4190309.86	0.18756	655112.52	4190326.13	0.18633
655071.19	4190342.40	0.18554	655029.86	4190358.67	0.18539
654988.52	4190374.94	0.18590	654947.19	4190391.21	0.18687
654905.85	4190407.48	0.18800	654864.52	4190423.75	0.18897
654823.18	4190440.02	0.18951	654781.85	4190456.29	0.18941
654740.51	4190472.57	0.18861	654699.18	4190488.84	0.18719
654657.85	4190505.11	0.18537	654616.51	4190521.38	0.18344
654575.18	4190537.65	0.18165	654533.84	4190553.92	0.18013
654492.51	4190570.19	0.17891	654451.17	4190586.46	0.17796
654409.84	4190602.73	0.17727	654368.50	4190619.00	0.17688
654327.17	4190635.27	0.17679	654285.84	4190651.54	0.17695
654244.50	4190667.82	0.17721	654203.17	4190684.09	0.17740
654161.83	4190700.36	0.17733	654120.50	4190716.63	0.17692
654079.16	4190732.90	0.17615	654037.83	4190749.17	0.17507

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         653996.49    4190765.44        0.17373                        653955.16
4190781.71        0.17218
         653913.83    4190797.98        0.17048                        653872.49
4190814.25        0.16877
         656654.93    4188167.92        0.38234                        656658.08
4188123.50        0.38351
         656661.23    4188079.08        0.38437                        657142.58
4188245.43        0.29482
         657123.51    4188285.32        0.29570                        657104.45
4188325.22        0.29597
         657085.38    4188365.12        0.29554                        657066.32
4188405.01        0.29438
         657047.25    4188444.91        0.29251                        657028.19
4188484.81        0.29004
         657009.13    4188524.71        0.28715                        656990.06
4188564.60        0.28403
         656971.00    4188604.50        0.28083                        656951.93
4188644.40        0.27760
         656932.87    4188684.29        0.27432                        656913.80
4188724.19        0.27091
         656894.74    4188764.09        0.26728                        656875.68
4188803.98        0.26343
         656856.61    4188843.88        0.25943                        656837.55
4188883.78        0.25539
         656818.48    4188923.68        0.25145                        656799.42
4188963.57        0.24774
         656780.35    4189003.47        0.24432                        656761.29
4189043.37        0.24123
         656742.22    4189083.26        0.23847                        656723.16
4189123.16        0.23597
         656704.10    4189163.06        0.23364                        656685.03
4189202.96        0.23138
         656665.97    4189242.85        0.22903                        656646.90
4189282.75        0.22645
         656627.84    4189322.65        0.22352                        656608.77
4189362.54        0.22017
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 266
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656589.71	4189402.44	0.21642	656570.65	4189442.34	0.21232
656551.58	4189482.24	0.20804	656532.52	4189522.13	0.20370
656513.45	4189562.03	0.19943	656494.39	4189601.93	0.19529
656475.32	4189641.82	0.19132	656456.26	4189681.72	0.18751
656437.19	4189721.62	0.18391	656418.13	4189761.52	0.18052
656399.07	4189801.41	0.17737	656380.00	4189841.31	0.17444
656360.94	4189881.21	0.17171	656341.87	4189921.10	0.16918
656322.81	4189961.00	0.16687	656303.74	4190000.90	0.16482
656284.68	4190040.79	0.16306	656265.62	4190080.69	0.16165
656246.55	4190120.59	0.16059	656227.49	4190160.49	0.15980
656208.42	4190200.38	0.15911	656189.36	4190240.28	0.15832
656170.29	4190280.18	0.15716	656151.23	4190320.07	0.15542
656132.16	4190359.97	0.15299	656113.10	4190399.87	0.14984
656073.46	4190447.86	0.14521	656032.32	4190464.06	0.14318
655991.17	4190480.26	0.14113	655950.03	4190496.45	0.13941
655908.88	4190512.65	0.13830	655867.74	4190528.85	0.13795
655826.59	4190545.04	0.13842	655785.45	4190561.24	0.13959
655744.30	4190577.43	0.14123	655703.16	4190593.63	0.14306
655662.01	4190609.83	0.14479	655620.87	4190626.02	0.14616
655579.72	4190642.22	0.14701	655538.58	4190658.42	0.14726
655497.43	4190674.61	0.14696	655456.29		

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4190690.81        0.14624
         655415.14    4190707.00        0.14526                          655374.00
4190723.20        0.14426
         655332.85    4190739.40        0.14344                          655291.71
4190755.59        0.14299
         655250.56    4190771.79        0.14299                          655209.42
4190787.99        0.14342
         655168.27    4190804.18        0.14414                          655127.13
4190820.38        0.14499
         655085.98    4190836.57        0.14581                          655044.84
4190852.77        0.14643
         655003.69    4190868.97        0.14673                          654962.55
4190885.16        0.14664
         654921.40    4190901.36        0.14612                          654880.26
4190917.56        0.14521
         654839.11    4190933.75        0.14403                          654797.97
4190949.95        0.14273
         654756.82    4190966.15        0.14146                          654715.68
4190982.34        0.14032
         654674.53    4190998.54        0.13935                          654633.39
4191014.73        0.13853
         654592.24    4191030.93        0.13786                          654551.10
4191047.13        0.13730
         654509.95    4191063.32        0.13690                          654468.81
4191079.52        0.13668
         654427.66    4191095.72        0.13666                          654386.52
4191111.91        0.13682
         654345.37    4191128.11        0.13707                          654304.23
4191144.30        0.13732
         654263.08    4191160.50        0.13744                          654221.94
4191176.70        0.13735
         654180.79    4191192.89        0.13705                          654139.65
4191209.09        0.13653
         654098.50    4191225.29        0.13585                          654057.36
4191241.48        0.13502
         654016.21    4191257.68        0.13406                          653975.07
4191273.87        0.13297
         653933.92    4191290.07        0.13180                          653892.78
4191306.27        0.13063
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                    INCLUDING SOURCE(S):     VOL1        , VOL2
```

, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653851.63	4191322.46	0.12958	657153.68	4188203.27	0.29464
657156.83	4188158.85	0.29527	657159.98	4188114.43	0.29571
657641.28	4188280.86	0.23561	657622.13	4188320.94	0.23637
657602.98	4188361.01	0.23677	657583.83	4188401.09	0.23668
657564.69	4188441.16	0.23616	657545.54	4188481.24	0.23514
657526.39	4188521.31	0.23367	657507.24	4188561.39	0.23182
657488.09	4188601.46	0.22972	657468.94	4188641.54	0.22747
657449.79	4188681.61	0.22519	657430.64	4188721.69	0.22292
657411.49	4188761.76	0.22067	657392.34	4188801.84	0.21838
657373.19	4188841.91	0.21599	657354.04	4188881.99	0.21346
657334.89	4188922.06	0.21076	657315.74	4188962.14	0.20793
657296.59	4189002.22	0.20505	657277.44	4189042.29	0.20221
657258.29	4189082.37	0.19948	657239.14	4189122.44	0.19691
657219.99	4189162.52	0.19455	657200.84	4189202.59	0.19240
657181.69	4189242.67	0.19047	657162.55	4189282.74	0.18874
657143.40	4189322.82	0.18714	657124.25	4189362.89	0.18562
657105.10	4189402.97	0.18410	657085.95	4189443.04	0.18249
657066.80	4189483.12	0.18070	657047.65	4189523.19	0.17868
657028.50	4189563.27	0.17639	657009.35	4189603.34	0.17382

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         656990.20    4189643.42        0.17102                    656971.05
4189683.49        0.16806
         656951.90    4189723.57        0.16503                    656932.75
4189763.65        0.16202
         656913.60    4189803.72        0.15908                    656894.45
4189843.80        0.15623
         656875.30    4189883.87        0.15348                    656856.15
4189923.95        0.15083
         656837.00    4189964.02        0.14828                    656817.85
4190004.10        0.14586
         656798.70    4190044.17        0.14358                    656779.55
4190084.25        0.14145
         656760.41    4190124.32        0.13945                    656741.26
4190164.40        0.13756
         656722.11    4190204.47        0.13579                    656702.96
4190244.55        0.13414
         656683.81    4190284.62        0.13266                    656664.66
4190324.70        0.13135
         656645.51    4190364.77        0.13025                    656626.36
4190404.85        0.12938
         656607.21    4190444.92        0.12874                    656588.06
4190485.00        0.12829
         656568.91    4190525.08        0.12792                    656549.76
4190565.15        0.12750
         656530.61    4190605.23        0.12686                    656511.46
4190645.30        0.12587
         656492.31    4190685.38        0.12442                    656473.16
4190725.45        0.12248
         656454.01    4190765.53        0.12007                    656414.20
4190813.74        0.11658
         656372.87    4190830.01        0.11501                    656331.54
4190846.27        0.11341
         656290.21    4190862.54        0.11199                    656248.88
4190878.81        0.11092
         656207.56    4190895.08        0.11034                    656166.23
4190911.35        0.11032
         656124.90    4190927.62        0.11082                    656083.57
4190943.89        0.11177
         656042.24    4190960.15        0.11302                    656000.91
4190976.42        0.11440
         655959.58    4190992.69        0.11574                    655918.25
4191008.96        0.11688
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655876.93	4191025.23	0.11771	655835.60	4191041.50	0.11814
655794.27	4191057.77	0.11819	655752.94	4191074.03	0.11788
655711.61	4191090.30	0.11729	655670.28	4191106.57	0.11653
655628.95	4191122.84	0.11573	655587.62	4191139.11	0.11502
655546.30	4191155.38	0.11454	655504.97	4191171.65	0.11434
655463.64	4191187.91	0.11446	655422.31	4191204.18	0.11486
655380.98	4191220.45	0.11546	655339.65	4191236.72	0.11613
655298.32	4191252.99	0.11678	655257.00	4191269.26	0.11733
655215.67	4191285.53	0.11768	655174.34	4191301.80	0.11780
655133.01	4191318.06	0.11766	655091.68	4191334.33	0.11723
655050.35	4191350.60	0.11656	655009.02	4191366.87	0.11571
654967.69	4191383.14	0.11478	654926.37	4191399.41	0.11387
654885.04	4191415.68	0.11305	654843.71	4191431.94	0.11232
654802.38	4191448.21	0.11169	654761.05	4191464.48	0.11115
654719.72	4191480.75	0.11067	654678.39	4191497.02	0.11025
654637.06	4191513.29	0.10990	654595.74	4191529.56	0.10967
654554.41	4191545.82	0.10957	654513.08	4191562.09	0.10962
654471.75	4191578.36	0.10980	654430.42		

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4191594.63        0.11003
         654389.09    4191610.90        0.11025                     654347.76
4191627.17        0.11039
         654306.43    4191643.44        0.11039                     654265.11
4191659.71        0.11023
         654223.78    4191675.97        0.10993                     654182.45
4191692.24        0.10952
         654141.12    4191708.51        0.10902                     654099.79
4191724.78        0.10843
         654058.46    4191741.05        0.10777                     654017.13
4191757.32        0.10701
         653975.80    4191773.59        0.10618                     653934.48
4191789.85        0.10531
         653893.15    4191806.12        0.10448                     653851.82
4191822.39        0.10377
         657652.43    4188238.61        0.23537                     657655.58
4188194.19        0.23571
         657658.73    4188149.77        0.23594                     653819.03
4187852.62       70.86777
         653794.25    4187851.96       75.27260                     653769.47
4187851.29       73.68611
         653744.69    4187850.63       66.74093                     653719.92
4187849.97       61.43587
         653695.14    4187849.31       54.70760                     653837.55
4187835.82       54.02995
         653794.92    4187826.97       53.19785                     653770.14
4187826.30       50.87076
         653745.36    4187825.64       46.61230                     653720.58
4187824.98       43.98161
         653695.81    4187824.32       41.04954                     653838.21
4187810.83       41.21593
         653880.33    4187845.79       49.35289                     653795.59
4187801.97       39.39584
         653770.81    4187801.31       37.18789                     653746.03
4187800.65       34.55020
         653721.25    4187799.99       33.15557                     653696.47
4187799.33       31.80627
         653838.88    4187785.84       32.48440                     653874.58
4187802.23       34.61755
         653898.85    4187828.99       39.32004                     653796.25
4187776.98       30.35786
         653771.47    4187776.32       28.59064                     653746.70
4187775.66       26.73906
         653721.92    4187775.00       25.94227                     653697.14
4187774.34       25.33141
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653843.79	4187737.50	21.87491	653865.21	4187747.33	22.75998
653886.63	4187757.17	23.46085	653908.05	4187767.00	24.14592
653937.17	4187799.11	27.26600	653944.87	4187821.39	29.67137
653952.58	4187843.66	31.18810	653960.28	4187865.94	31.65906
653822.37	4187727.66	20.39676	653797.59	4187727.00	19.70972
653772.81	4187726.34	18.62825	653748.03	4187725.68	17.61690
653723.25	4187725.02	17.21268	653698.48	4187724.35	17.13499
653844.10	4187687.05	15.52089	653884.90	4187705.78	16.78693
653905.30	4187715.15	17.14989	653946.10	4187733.88	17.97045
653973.84	4187764.46	19.76873	653988.51	4187806.89	22.42742
654003.19	4187849.32	23.24845	653798.92	4187677.02	13.93865
653774.15	4187676.36	13.25464	653749.37	4187675.70	12.65529
653724.59	4187675.03	12.42406	653699.81	4187674.37	12.43120
653847.35	4187637.94	11.62389	653869.66	4187648.19	12.34430
653891.97	4187658.43	12.80995	653914.29	4187668.68	13.05643
653936.60	4187678.92	13.30697	653958.91	4187689.17	13.64663

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         653981.23    4187699.41       13.92434                       654011.56
4187732.86       15.21097
         654019.59    4187756.06       16.30943                       654027.61
4187779.26       17.17667
         654035.64    4187802.47       17.70395                       654043.66
4187825.67       17.88391
         654051.69    4187848.88       17.78150                       654059.71
4187872.08       17.45749
         653825.04    4187627.70       10.79077                       653800.26
4187627.04       10.41288
         653775.48    4187626.38        9.95330                       653750.70
4187625.71        9.57138
         653725.92    4187625.05        9.43017                       653701.15
4187624.39        9.46546
         653847.79    4187587.55        8.96276                       653869.21
4187597.39        9.51148
         653890.63    4187607.22        9.97178                       653912.05
4187617.06       10.26262
         653933.47    4187626.89       10.40818                       653954.89
4187636.72       10.54185
         653976.31    4187646.56       10.75337                       653997.73
4187656.39       10.99437
         654019.15    4187666.23       11.15978                       654048.28
4187698.34       12.00482
         654055.98    4187720.61       12.76298                       654063.68
4187742.89       13.41276
         654071.39    4187765.16       13.88901                       654079.09
4187787.44       14.15956
         654086.80    4187809.72       14.23763                       654094.50
4187831.99       14.16052
         654102.20    4187854.27       13.96107                       654109.91
4187876.54       13.65416
         653826.37    4187577.72        8.39166                       653801.59
4187577.06        8.10988
         653776.82    4187576.39        7.78402                       653752.04
4187575.73        7.52463
         653727.26    4187575.07        7.42988                       653702.48
4187574.41        7.46779
         653848.53    4187537.30        7.14157                       653869.36
4187546.86        7.54217
         653890.18    4187556.42        7.92407                       653911.01
4187565.98        8.23727
         653931.83    4187575.54        8.43244                       653952.66
4187585.10        8.52380
         653973.48    4187594.66        8.59506                       653994.31
4187604.23        8.72043
         654015.13    4187613.79        8.89692                       654035.96
4187623.35        9.06487
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654056.78	4187632.91	9.16573	654085.10	4187664.13	9.75236
654092.59	4187685.79	10.29761	654100.08	4187707.44	10.78624
654107.57	4187729.10	11.18301	654115.06	4187750.76	11.45803
654122.55	4187772.41	11.60429	654130.04	4187794.07	11.63666
654137.53	4187815.73	11.57527	654145.02	4187837.38	11.44033
654152.51	4187859.04	11.24545	654159.99	4187880.70	10.98317
653827.71	4187527.73	6.73415	653802.93	4187527.07	6.51667
653778.15	4187526.41	6.27701	653753.37	4187525.75	6.09230
653728.60	4187525.09	6.02496	653703.82	4187524.42	6.05912
653851.80	4187437.61	4.89802	653873.22	4187447.44	5.13793
653894.64	4187457.27	5.37690	653916.06	4187467.11	5.61317
653937.48	4187476.94	5.82359	653958.90	4187486.78	5.97607
653980.32	4187496.61	6.05421	654001.74	4187506.45	6.08055
654023.16	4187516.28	6.10618	654044.58	4187526.12	6.17197
654066.00	4187535.95	6.27853	654087.42		

4187545.79 6.39610
654108.84 4187555.62 6.48948 654130.26
4187565.45 6.53660
654159.38 4187597.57 6.87637 654167.09
4187619.84 7.20513
654174.79 4187642.12 7.51136 654182.49
4187664.39 7.77952
654190.20 4187686.67 7.99382 654197.90
4187708.94 8.14322
654205.61 4187731.22 8.22649 654213.31
4187753.49 8.25066
654221.01 4187775.77 8.22435 654228.72
4187798.04 8.15757
654236.42 4187820.32 8.06266 654244.12
4187842.59 7.94314
654251.83 4187864.87 7.78935 654259.53
4187887.15 7.58865
653830.38 4187427.77 4.64787 653805.60
4187427.11 4.50798
653780.82 4187426.45 4.36684 653756.04
4187425.78 4.26258
653731.27 4187425.12 4.22343 653706.49
4187424.46 4.24657
653854.87 4187337.82 3.59378 653876.68
4187347.84 3.75308
653898.50 4187357.86 3.90578 653920.32
4187367.87 4.05945
653942.13 4187377.89 4.21527 653963.95
4187387.91 4.36179
653985.77 4187397.92 4.48012 654007.58
4187407.94 4.55367
654029.40 4187417.96 4.58135 654051.22
4187427.97 4.58307
654073.03 4187437.99 4.59076 654094.85
4187448.01 4.62737
654116.67 4187458.02 4.69427 654138.48
4187468.04 4.77597
654160.30 4187478.06 4.85157 654182.12
4187488.07 4.90445
654203.93 4187498.09 4.92692 654233.60
4187530.80 5.14028
654241.44 4187553.48 5.35399 654249.29
4187576.17 5.55722
654257.14 4187598.86 5.74311 654264.98
4187621.55 5.90404
654272.83 4187644.23 6.03208 654280.68
4187666.92 6.12269
654288.52 4187689.61 6.17606 654296.37
4187712.30 6.19518
654304.21 4187734.99 6.18414 654312.06

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654319.91	4187780.36	6.09419	654327.75	4187803.05	6.02963
654335.60	4187825.74	5.95330	654343.45	4187848.43	5.85745
654351.29	4187871.11	5.73315	654359.14	4187893.80	5.57856
653833.05	4187327.81	3.42503	653808.27	4187327.14	3.32970
653783.49	4187326.48	3.23996	653758.72	4187325.82	3.17507
653733.94	4187325.16	3.14884	653709.16	4187324.50	3.16291
653857.82	4187237.99	2.76318	653879.92	4187248.14	2.87797
653902.02	4187258.28	2.98465	653924.12	4187268.43	3.08760
653946.22	4187278.58	3.19254	653968.32	4187288.72	3.30044
653990.42	4187298.87	3.40579	654012.52	4187309.02	3.49755
654034.62	4187319.16	3.56358	654056.72	4187329.31	3.59707
654078.82	4187339.46	3.60221	654100.92	4187349.60	3.59463
654123.02	4187359.75	3.59462	654145.12	4187369.90	3.61592

654167.22 4187380.04 3.65973 654189.32
4187390.19 3.71727
654211.42 4187400.34 3.77585 654233.52
4187410.48 3.82416
654255.62 4187420.63 3.85481 654277.72
4187430.78 3.86512
654307.77 4187463.91 4.00769 654315.72
4187486.89 4.15460
654323.67 4187509.87 4.29613 654331.62
4187532.86 4.42894
654339.56 4187555.84 4.54918 654347.51
4187578.82 4.65267
654355.46 4187601.80 4.73537 654363.41
4187624.79 4.79497
654371.36 4187647.77 4.83170 654379.30
4187670.75 4.84739
654387.25 4187693.73 4.84345 654395.20
4187716.72 4.82262
654403.15 4187739.70 4.78952 654411.10
4187762.68 4.74943
654419.04 4187785.66 4.70515 654426.99
4187808.65 4.65449
654434.94 4187831.63 4.59153 654442.89
4187854.61 4.51007
654450.84 4187877.59 4.40811 654458.79
4187900.58 4.28992
653835.72 4187227.84 2.64270 653810.94
4187227.18 2.57559
653786.16 4187226.52 2.51523 653761.39
4187225.86 2.47163
653736.61 4187225.19 2.45250 653711.83
4187224.53 2.46039
653860.70 4187138.12 2.19896 653883.02
4187148.37 2.28571
653905.33 4187158.61 2.36617 653927.64
4187168.86 2.44084
653949.95 4187179.10 2.51359 653972.27
4187189.34 2.58845
653994.58 4187199.59 2.66644 654016.89
4187209.83 2.74422
654039.20 4187220.08 2.81569 654061.52
4187230.32 2.87250
654083.83 4187240.57 2.90821 654106.14
4187250.81 2.92091
654128.45 4187261.05 2.91619 654150.77
4187271.30 2.90569
654173.08 4187281.54 2.90242 654195.39
4187291.79 2.91515
654217.71 4187302.03 2.94479 654240.02
4187312.28 2.98610

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654351.58	4187363.50	3.12527	654381.92	4187396.95	3.22525
654389.94	4187420.15	3.33078	654397.97	4187443.35	3.43332
654405.99	4187466.56	3.53107	654414.02	4187489.76	3.62183
654422.04	4187512.96	3.70375	654430.07	4187536.17	3.77426
654438.09	4187559.37	3.83089	654446.11	4187582.57	3.87245
654454.14	4187605.78	3.89925	654462.16	4187628.98	3.91222
654470.19	4187652.19	3.91188	654478.21	4187675.39	3.89959
654486.24	4187698.59	3.87800	654494.26	4187721.80	3.85107
654502.29	4187745.00	3.82163	654510.31	4187768.20	3.79061
654518.34	4187791.41	3.75566	654526.36	4187814.61	3.71257
654534.39	4187837.81	3.65684	654542.41	4187861.02	3.58677
654550.43	4187884.22	3.50419	654558.46		

4187907.43 3.41396
653838.39 4187127.88 2.11007 653813.61
4187127.22 2.06148
653788.83 4187126.55 2.01895 653764.06
4187125.89 1.98797
653739.28 4187125.23 1.97329 653714.50
4187124.57 1.97729
653863.54 4187038.23 1.79704 653886.02
4187048.55 1.86426
653908.50 4187058.87 1.92774 653930.97
4187069.19 1.98585
653953.45 4187079.51 2.03998 653975.93
4187089.83 2.09344
653998.41 4187100.16 2.14898 654020.88
4187110.48 2.20716
654043.36 4187120.80 2.26620 654065.84
4187131.12 2.32226
654088.32 4187141.44 2.37016 654110.80
4187151.76 2.40470
654133.27 4187162.08 2.42263 654155.75
4187172.40 2.42460
654178.23 4187182.72 2.41587 654200.71
4187193.04 2.40492
654223.19 4187203.36 2.40044 654245.66
4187213.68 2.40809
654268.14 4187224.00 2.42869 654290.62
4187234.32 2.45890
654313.10 4187244.64 2.49344 654335.58
4187254.96 2.52716
654358.05 4187265.28 2.55581 654380.53
4187275.60 2.57619
654403.01 4187285.92 2.58666 654425.49
4187296.24 2.58761
654456.05 4187329.94 2.66048 654464.13
4187353.31 2.73897
654472.22 4187376.69 2.81578 654480.30
4187400.06 2.88962
654488.38 4187423.44 2.95941 654496.47
4187446.81 3.02405
654504.55 4187470.19 3.08243 654512.64
4187493.56 3.13262
654520.72 4187516.94 3.17321 654528.81
4187540.32 3.20350
654536.89 4187563.69 3.22390 654544.97
4187587.07 3.23481
654553.06 4187610.44 3.23627 654561.14
4187633.82 3.22897
654569.23 4187657.19 3.21443 654577.31
4187680.57 3.19538
654585.39 4187703.94 3.17430 654593.48

4187727.32 3.15267
  654601.56 4187750.69 3.13045 654609.65
4187774.07 3.10558
  654617.73 4187797.45 3.07502 654625.81
4187820.82 3.03562
  654633.90 4187844.20 2.98573 654641.98
4187867.57 2.92621

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654650.07	4187890.95	2.85983	654658.15	4187914.32	2.79062
653841.06	4187027.91	1.72988	653816.28	4187027.25	1.69382
653791.51	4187026.59	1.66281	653766.73	4187025.93	1.63988
653741.95	4187025.27	1.62814	653717.17	4187024.60	1.62967
653870.18	4186788.31	1.18057	653892.62	4186798.61	1.21790
653915.06	4186808.91	1.25531	653937.50	4186819.21	1.29105
653959.94	4186829.52	1.32387	653982.38	4186839.82	1.35353
654004.82	4186850.12	1.38113	654027.26	4186860.43	1.40833
654049.70	4186870.73	1.43649	654072.14	4186881.03	1.46629
654094.58	4186891.33	1.49759	654117.02	4186901.64	1.52964

654139.46 4186911.94 1.56109 654161.90
4186922.24 1.59015
654184.34 4186932.55 1.61465 654206.78
4186942.85 1.63235
654229.22 4186953.15 1.64189 654251.66
4186963.45 1.64325
654274.10 4186973.76 1.63795 654296.54
4186984.06 1.62879
654318.98 4186994.36 1.61936 654341.42
4187004.67 1.61320
654363.86 4187014.97 1.61289 654386.30
4187025.27 1.61947
654408.74 4187035.58 1.63236 654431.18
4187045.88 1.64968
654453.62 4187056.18 1.66924 654476.06
4187066.48 1.68900
654498.50 4187076.79 1.70734 654520.94
4187087.09 1.72282
654543.38 4187097.39 1.73428 654565.82
4187107.70 1.74109
654588.26 4187118.00 1.74320 654610.70
4187128.30 1.74135
654641.21 4187161.94 1.77828 654649.28
4187185.28 1.81975
654657.35 4187208.61 1.86076 654665.42
4187231.95 1.90082
654673.49 4187255.29 1.93941 654681.57
4187278.62 1.97623
654689.64 4187301.96 2.01130 654697.71
4187325.29 2.04432
654705.78 4187348.63 2.07478 654713.85
4187371.97 2.10184
654721.92 4187395.30 2.12477 654729.99
4187418.64 2.14334
654738.06 4187441.97 2.15764 654746.13
4187465.31 2.16786
654754.20 4187488.65 2.17390 654762.27
4187511.98 2.17552
654770.34 4187535.32 2.17276 654778.41
4187558.66 2.16617
654786.48 4187581.99 2.15682 654794.55
4187605.33 2.14594
654802.62 4187628.66 2.13464 654810.69
4187652.00 2.12347
654818.76 4187675.34 2.11277 654826.83
4187698.67 2.10234
654834.90 4187722.01 2.09115 654842.97
4187745.35 2.07783
654851.04 4187768.68 2.06103 654859.11
4187792.02 2.03956

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         654867.19    4187815.35        2.01292                       654875.26
4187838.69        1.98148
         654883.33    4187862.03        1.94631                       654891.40
4187885.36        1.90899
         654899.47    4187908.70        1.87114                       654907.54
4187932.03        1.83406
         653847.74    4186778.00        1.14488                       653822.96
4186777.34        1.12605
         653798.18    4186776.68        1.10991                       653773.40
4186776.02        1.09739
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 274
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         653748.63    4186775.35        1.08984                       653723.85
4186774.69        1.08859
         653876.83    4186538.38        0.84413                       653899.25
4186548.68        0.86643
         653921.66    4186558.97        0.88961                       653944.08
4186569.26        0.91295
         653966.50    4186579.55        0.93549                       653988.91
4186589.84        0.95643
         654011.33    4186600.14        0.97538                       654033.75
4186610.43        0.99248
         654056.16    4186620.72        1.00842                       654078.58
4186631.01        1.02409
         654101.00    4186641.30        1.04028                       654123.41
4186651.60        1.05744
         654145.83    4186661.89        1.07561                       654168.25
4186672.18        1.09461
         654190.66    4186682.47        1.11410                       654213.08
```

4186692.76 1.13358
654235.49 4186703.06 1.15235 654257.91
4186713.35 1.16940
654280.33 4186723.64 1.18361 654302.74
4186733.93 1.19395
654325.16 4186744.22 1.19975 654347.58
4186754.52 1.20092
654369.99 4186764.81 1.19799 654392.41
4186775.10 1.19205
654414.83 4186785.39 1.18456 654437.24
4186795.68 1.17722
654459.66 4186805.98 1.17166 654482.07
4186816.27 1.16920
654504.49 4186826.56 1.17057 654526.91
4186836.85 1.17586
654549.32 4186847.14 1.18451 654571.74
4186857.44 1.19551
654594.16 4186867.73 1.20774 654616.57
4186878.02 1.22025
654638.99 4186888.31 1.23230 654661.41
4186898.60 1.24329
654683.82 4186908.90 1.25269 654706.24
4186919.19 1.25991
654728.66 4186929.48 1.26459 654751.07
4186939.77 1.26664
654773.49 4186950.06 1.26637 654795.90
4186960.36 1.26431
654826.38 4186993.96 1.28566 654834.44
4187017.27 1.31043
654842.51 4187040.58 1.33509 654850.57
4187063.89 1.35941
654858.63 4187087.21 1.38307 654866.69
4187110.52 1.40588
654874.75 4187133.83 1.42784 654882.82
4187157.14 1.44899
654890.88 4187180.45 1.46941 654898.94
4187203.76 1.48894
654907.00 4187227.08 1.50727 654915.06
4187250.39 1.52386
654923.13 4187273.70 1.53824 654931.19
4187297.01 1.55042
654939.25 4187320.32 1.56047 654947.31
4187343.63 1.56853
654955.37 4187366.94 1.57459 654963.43
4187390.26 1.57846
654971.50 4187413.57 1.57986 654979.56
4187436.88 1.57873
654987.62 4187460.19 1.57528 654995.68
4187483.50 1.57002
655003.74 4187506.81 1.56361 655011.81

4187530.13 1.55668
655019.87 4187553.44 1.54968 655027.93
4187576.75 1.54282
655035.99 4187600.06 1.53648 655044.05
4187623.37 1.53069
655052.12 4187646.68 1.52513 655060.18
4187669.99 1.51941
655068.24 4187693.31 1.51292 655076.30
4187716.62 1.50485
655084.36 4187739.93 1.49453 655092.43
4187763.24 1.48152
655100.49 4187786.55 1.46566 655108.55
4187809.86 1.44707

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655116.61	4187833.17	1.42619	655124.67	4187856.49	1.40375
655132.73	4187879.80	1.38054	655140.80	4187903.11	1.35732
655148.86	4187926.42	1.33472	655156.92	4187949.73	1.31307
653854.42	4186528.09	0.82321	653829.64	4186527.43	0.81222
653804.86	4186526.77	0.80263	653780.08	4186526.11	0.79487
653755.30	4186525.44	0.78958	653730.53	4186524.78	0.78758
653883.49	4186288.47	0.63915	653905.89	4186298.75	0.65333

653928.29 4186309.03 0.66830 653950.69 4186319.32 0.68383
653973.09 4186329.60 0.69949 653995.49 4186339.89 0.71480
654017.89 4186350.17 0.72921 654040.29 4186360.46 0.74239
654062.69 4186370.74 0.75422 654085.09 4186381.03 0.76492
654107.49 4186391.31 0.77492 654129.89 4186401.60 0.78477
654152.29 4186411.88 0.79493 654174.69 4186422.16 0.80568
654197.09 4186432.45 0.81711 654219.49 4186442.73 0.82913
654241.89 4186453.02 0.84164 654264.29 4186463.30 0.85445
654286.69 4186473.59 0.86739 654309.09 4186483.87 0.88015
654331.49 4186494.16 0.89228 654353.90 4186504.44 0.90317
654376.30 4186514.73 0.91219 654398.70 4186525.01 0.91878
654421.10 4186535.29 0.92259 654443.50 4186545.58 0.92358
654465.90 4186555.86 0.92195 654488.30 4186566.15 0.91821
654510.70 4186576.43 0.91301 654533.10 4186586.72 0.90717
654555.50 4186597.00 0.90150 654577.90 4186607.29 0.89687
654600.30 4186617.57 0.89401 654622.70 4186627.86 0.89345
654645.10 4186638.14 0.89535 654667.50 4186648.42 0.89961
654689.90 4186658.71 0.90582 654712.30 4186668.99 0.91338
654734.70 4186679.28 0.92169 654757.10 4186689.56 0.93021
654779.50 4186699.85 0.93858 654801.90 4186710.13 0.94650
654824.30 4186720.42 0.95372 654846.70 4186730.70 0.95994
654869.10 4186740.99 0.96490 654891.50 4186751.27 0.96833
654913.90 4186761.55 0.97013 654936.30 4186771.84 0.97042
654958.70 4186782.12 0.96946 654981.10 4186792.41 0.96764
655011.55 4186825.99 0.98116 655019.61 4186849.28 0.99718

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         655027.67    4186872.58        1.01323                       655035.72
4186895.87        1.02912
         655043.78    4186919.17        1.04468                       655051.83
4186942.46        1.05978
         655059.89    4186965.76        1.07436                       655067.95
4186989.05        1.08846
         655076.00    4187012.34        1.10219                       655084.06
4187035.64        1.11564
         655092.12    4187058.93        1.12876                       655100.17
4187082.23        1.14143
         655108.23    4187105.52        1.15335                       655116.28
4187128.82        1.16426
         655124.34    4187152.11        1.17396                       655132.40
4187175.41        1.18239
         655140.45    4187198.70        1.18964                       655148.51
4187222.00        1.19580
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 276
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         655156.56    4187245.29        1.20091                       655164.62
4187268.58        1.20489
         655172.68    4187291.88        1.20754                       655180.73
4187315.17        1.20864
         655188.79    4187338.47        1.20814                       655196.84
4187361.76        1.20613
         655204.90    4187385.06        1.20286                       655212.96
4187408.35        1.19871
         655221.01    4187431.65        1.19412                       655229.07
4187454.94        1.18939
         655237.12    4187478.24        1.18477                       655245.18
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4187501.53 1.18038
655253.24 4187524.83 1.17635 655261.29
4187548.12 1.17276
655269.35 4187571.41 1.16952 655277.40
4187594.71 1.16648
655285.46 4187618.00 1.16334 655293.52
4187641.30 1.15980
655301.57 4187664.59 1.15548 655309.63
4187687.89 1.15001
655317.68 4187711.18 1.14310 655325.74
4187734.48 1.13450
655333.80 4187757.77 1.12413 655341.85
4187781.07 1.11207
655349.91 4187804.36 1.09854 655357.96
4187827.65 1.08391
655366.02 4187850.95 1.06856 655374.08
4187874.24 1.05296
655382.13 4187897.54 1.03751 655390.19
4187920.83 1.02249
655398.25 4187944.13 1.00811 655406.30
4187967.42 0.99445
653861.09 4186278.18 0.62584 653836.31
4186277.52 0.61880
653811.54 4186276.86 0.61254 653786.76
4186276.19 0.60725
653761.98 4186275.53 0.60334 653737.20
4186274.87 0.60130
653890.16 4186038.55 0.50407 653912.55
4186048.83 0.51364
653934.93 4186059.11 0.52376 653957.32
4186069.39 0.53439
653979.71 4186079.67 0.54537 654002.10
4186089.94 0.55649
654024.49 4186100.22 0.56743 654046.88
4186110.50 0.57788
654069.26 4186120.78 0.58755 654091.65
4186131.06 0.59630
654114.04 4186141.34 0.60413 654136.43
4186151.62 0.61124
654158.82 4186161.90 0.61791 654181.20
4186172.18 0.62450
654203.59 4186182.46 0.63130 654225.98
4186192.74 0.63849
654248.37 4186203.01 0.64614 654270.76
4186213.29 0.65422
654293.15 4186223.57 0.66265 654315.53
4186233.85 0.67135
654337.92 4186244.13 0.68026 654360.31
4186254.41 0.68930
654382.70 4186264.69 0.69835 654405.09

4186274.97   0.70718
         654427.48   4186285.25   0.71549   654449.86
4186295.53   0.72288
         654472.25   4186305.81   0.72897   654494.64
4186316.08   0.73341
         654517.03   4186326.36   0.73602   654539.42
4186336.64   0.73678
         654561.81   4186346.92   0.73587   654584.19
4186357.20   0.73354
         654606.58   4186367.48   0.73010   654628.97
4186377.76   0.72589
         654651.36   4186388.04   0.72136   654673.75
4186398.32   0.71700
         654696.13   4186408.60   0.71326   654718.52
4186418.88   0.71058
         654740.91   4186429.16   0.70928   654763.30
4186439.43   0.70958
         654785.69   4186449.71   0.71151   654808.08
4186459.99   0.71492

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

655009.57 4186552.50 0.76389 655031.96
4186562.78 0.76745
655054.35 4186573.06 0.77005 655076.74
4186583.34 0.77159
655099.12 4186593.62 0.77210 655121.51
4186603.90 0.77172
655143.90 4186614.18 0.77066 655166.29
4186624.46 0.76916
655196.73 4186658.02 0.77834 655204.78
4186681.30 0.78938
655212.83 4186704.58 0.80048 655220.88
4186727.87 0.81152
655228.94 4186751.15 0.82237 655236.99
4186774.43 0.83294
655245.04 4186797.71 0.84316 655253.09
4186821.00 0.85306
655261.14 4186844.28 0.86267 655269.19
4186867.56 0.87208
655277.25 4186890.84 0.88137 655285.30
4186914.12 0.89057
655293.35 4186937.41 0.89963 655301.40
4186960.69 0.90840
655309.45 4186983.97 0.91669 655317.51
4187007.25 0.92431
655325.56 4187030.54 0.93116 655333.61
4187053.82 0.93719
655341.66 4187077.10 0.94252 655349.71
4187100.38 0.94721
655357.76 4187123.66 0.95135 655365.82
4187146.95 0.95490
655373.87 4187170.23 0.95777 655381.92
4187193.51 0.95976
655389.97 4187216.79 0.96073 655398.02
4187240.08 0.96058
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4187286.64 0.95720
655422.18 4187309.92 0.95437 655430.23
4187333.20 0.95114
655438.28 4187356.49 0.94774 655446.33
4187379.77 0.94435
655454.39 4187403.05 0.94108 655462.44
4187426.33 0.93801
655470.49 4187449.62 0.93517 655478.54
4187472.90 0.93260
655486.59 4187496.18 0.93030 655494.64
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655502.70 4187542.74 0.92636 655510.75
4187566.03 0.92449
655518.80 4187589.31 0.92243 655526.85
4187612.59 0.91997

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         655567.11    4187729.00        0.89489                       655575.16
4187752.28        0.88661
         655583.21    4187775.57        0.87735                       655591.27
4187798.85        0.86725
         655599.32    4187822.13        0.85659                       655607.37
4187845.41        0.84559
         655615.42    4187868.70        0.83453                       655623.47
4187891.98        0.82361
         655631.52    4187915.26        0.81303                       655639.58
4187938.54        0.80290
         655647.63    4187961.83        0.79328                       655655.68
4187985.11        0.78416
         653867.77    4186028.27        0.49504                       653842.99
4186027.61        0.49024
         653818.21    4186026.95        0.48586                       653793.44
4186026.28        0.48205
         653768.66    4186025.62        0.47905                       653743.88
4186024.96        0.47716
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 278
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653903.50    4185538.72        0.34098                       653925.87
4185548.99        0.34600
         653948.24    4185559.26        0.35125                       653970.61
4185569.54        0.35677
         653992.98    4185579.81        0.36255                       654015.36
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4185590.08 0.36857
654037.73 4185600.35 0.37477 654060.10
4185610.62 0.38106
654082.47 4185620.89 0.38732 654104.84
4185631.17 0.39342
654127.22 4185641.44 0.39921 654149.59
4185651.71 0.40457
654171.96 4185661.98 0.40944 654194.33
4185672.25 0.41379
654216.70 4185682.52 0.41769 654239.08
4185692.80 0.42126
654261.45 4185703.07 0.42464 654283.82
4185713.34 0.42800
654306.19 4185723.61 0.43147 654328.57
4185733.88 0.43515
654350.94 4185744.15 0.43908 654373.31
4185754.43 0.44326
654395.68 4185764.70 0.44765 654418.05
4185774.97 0.45219
654440.43 4185785.24 0.45685 654462.80
4185795.51 0.46161
654485.17 4185805.78 0.46646 654507.54
4185816.06 0.47141
654529.91 4185826.33 0.47644 654552.29
4185836.60 0.48152
654574.66 4185846.87 0.48653 654597.03
4185857.14 0.49136
654619.40 4185867.41 0.49581 654641.78
4185877.69 0.49972
654664.15 4185887.96 0.50291 654686.52
4185898.23 0.50527
654708.89 4185908.50 0.50672 654731.26
4185918.77 0.50727
654753.64 4185929.04 0.50696 654776.01
4185939.32 0.50589
654798.38 4185949.59 0.50419 654820.75
4185959.86 0.50198
654843.12 4185970.13 0.49943 654865.50
4185980.40 0.49666
654887.87 4185990.67 0.49384 654910.24
4186000.95 0.49111
654932.61 4186011.22 0.48862 654954.98
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654977.36 4186031.76 0.48509 654999.73
4186042.03 0.48432
655022.10 4186052.30 0.48434 655044.47
4186062.58 0.48519
655066.85 4186072.85 0.48682 655089.22
4186083.12 0.48913
655111.59 4186093.39 0.49198 655133.96

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         655156.33   4186113.94   0.49867   655178.71
4186124.21   0.50219
         655201.08   4186134.48   0.50569   655223.45
4186144.75   0.50909
         655245.82   4186155.02   0.51236   655268.19
4186165.29   0.51548
         655290.57   4186175.57   0.51843   655312.94
4186185.84   0.52116
         655335.31   4186196.11   0.52362   655357.68
4186206.38   0.52571
         655380.06   4186216.65   0.52735   655402.43
4186226.92   0.52847
         655424.80   4186237.20   0.52907   655447.17
4186247.47   0.52916
         655469.54   4186257.74   0.52882   655491.92
4186268.01   0.52817
         655514.29   4186278.28   0.52731   655536.66
4186288.55   0.52634
         655567.08   4186322.09   0.53122   655575.12
4186345.36   0.53720
         655583.17   4186368.62   0.54322   655591.22
4186391.89   0.54926
         655599.26   4186415.15   0.55524   655607.31
4186438.42   0.56111

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

655631.45 4186508.21 0.57769 655639.49
4186531.48 0.58287
655647.54 4186554.75 0.58793 655655.58
4186578.01 0.59292
655663.63 4186601.28 0.59789 655671.68
4186624.54 0.60289
655679.72 4186647.81 0.60793 655687.77
4186671.07 0.61296
655695.81 4186694.34 0.61793 655703.86
4186717.60 0.62272
655711.91 4186740.87 0.62727 655719.95
4186764.13 0.63147
655728.00 4186787.40 0.63529 655736.04
4186810.67 0.63873
655744.09 4186833.93 0.64183 655752.14
4186857.20 0.64466
655760.18 4186880.46 0.64730 655768.23
4186903.73 0.64976
655776.27 4186926.99 0.65203 655784.32
4186950.26 0.65407
655792.37 4186973.52 0.65575 655800.41
4186996.79 0.65698
655808.46 4187020.06 0.65766 655816.50
4187043.32 0.65774
655824.55 4187066.59 0.65722 655832.60
4187089.85 0.65616
655840.64 4187113.12 0.65466 655848.69
4187136.38 0.65286
655856.73 4187159.65 0.65088 655864.78
4187182.91 0.64883
655872.83 4187206.18 0.64681 655880.87
4187229.44 0.64487
655888.92 4187252.71 0.64303 655896.96
4187275.98 0.64129
655905.01 4187299.24 0.63966 655913.06
4187322.51 0.63816
655921.10 4187345.77 0.63679 655929.15
4187369.04 0.63556
655937.19 4187392.30 0.63449 655945.24
4187415.57 0.63356
655953.29 4187438.83 0.63273 655961.33
4187462.10 0.63195
655969.38 4187485.36 0.63113 655977.42
4187508.63 0.63020
655985.47 4187531.90 0.62905 655993.52
4187555.16 0.62761
656001.56 4187578.43 0.62578 656009.61
4187601.69 0.62351
656017.65 4187624.96 0.62074 656025.70
4187648.22 0.61742

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         656033.75    4187671.49        0.61355                       656041.79
4187694.75        0.60912
         656049.84    4187718.02        0.60417                       656057.88
4187741.28        0.59877
         656065.93    4187764.55        0.59300                       656073.98
4187787.82        0.58695
         656082.02    4187811.08        0.58074                       656090.07
4187834.35        0.57446
         656098.11    4187857.61        0.56821                       656106.16
4187880.88        0.56207
         656114.20    4187904.14        0.55611                       656122.25
4187927.41        0.55039
         656130.30    4187950.67        0.54495                       656138.34
4187973.94        0.53979
         656146.39    4187997.20        0.53491                       656154.43
4188020.47        0.53028
         653881.12    4185528.45        0.33619                       653856.35
4185527.79        0.33356
         653831.57    4185527.12        0.33109                       653806.79
4185526.46        0.32884
         653782.01    4185525.80        0.32691                       653757.23
4185525.14        0.32543
         653916.84    4185038.89        0.24923                       653939.20
4185049.16        0.25222
         653961.56    4185059.43        0.25532                       653983.92
4185069.69        0.25853
         654006.29    4185079.96        0.26189                       654028.65
4185090.23        0.26539
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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654051.01	4185100.49	0.26903	654073.37	4185110.76	0.27280
654095.73	4185121.03	0.27668	654118.09	4185131.30	0.28061
654140.46	4185141.56	0.28455	654162.82	4185151.83	0.28844
654185.18	4185162.10	0.29220	654207.54	4185172.36	0.29576
654229.90	4185182.63	0.29907	654252.26	4185192.90	0.30209
654274.63	4185203.16	0.30480	654296.99	4185213.43	0.30724
654319.35	4185223.70	0.30943	654341.71	4185233.96	0.31145
654364.07	4185244.23	0.31338	654386.43	4185254.50	0.31531
654408.80	4185264.77	0.31731	654431.16	4185275.03	0.31943
654453.52	4185285.30	0.32172	654475.88	4185295.57	0.32417
654498.24	4185305.83	0.32676	654520.60	4185316.10	0.32946
654542.97	4185326.37	0.33225	654565.33	4185336.63	0.33508
654587.69	4185346.90	0.33795	654610.05	4185357.17	0.34085
654632.41	4185367.43	0.34379	654654.77	4185377.70	0.34680
654677.14	4185387.97	0.34989	654699.50	4185398.23	0.35306
654721.86	4185408.50	0.35628	654744.22	4185418.77	0.35949
654766.58	4185429.04	0.36262	654788.94	4185439.30	0.36558
654811.31	4185449.57	0.36827	654833.67	4185459.84	0.37060
654856.03	4185470.10	0.37249	654878.39	4185480.37	0.37390
654900.75	4185490.64	0.37479	654923.11	4185500.90	0.37517
654945.48	4185511.17	0.37506	654967.84	4185521.44	0.37451
654990.20	4185531.70	0.37359	655012.56	4185541.97	0.37237
655034.92	4185552.24	0.37090	655057.28	4185562.51	0.36926
655079.64	4185572.77	0.36750	655102.01	4185583.04	0.36568
655124.37	4185593.31	0.36384	655146.73		

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4185624.11   0.35887
         655213.81   4185634.37   0.35763   655236.18
4185644.64   0.35672
         655258.54   4185654.91   0.35621   655280.90
4185665.17   0.35614
         655303.26   4185675.44   0.35653   655325.62
4185685.71   0.35738
         655347.98   4185695.97   0.35863   655370.35
4185706.24   0.36025
         655392.71   4185716.51   0.36215   655415.07
4185726.78   0.36425
         655437.43   4185737.04   0.36647   655459.79
4185747.31   0.36873
         655482.15   4185757.58   0.37097   655504.52
4185767.84   0.37316
         655526.88   4185778.11   0.37527   655549.24
4185788.38   0.37730
         655571.60   4185798.64   0.37924   655593.96
4185808.91   0.38112
         655616.32   4185819.18   0.38291   655638.69
4185829.44   0.38460
         655661.05   4185839.71   0.38614   655683.41
4185849.98   0.38750
         655705.77   4185860.25   0.38862   655728.13
4185870.51   0.38945
         655750.49   4185880.78   0.38997   655772.86
4185891.05   0.39018
         655795.22   4185901.31   0.39011   655817.58
4185911.58   0.38980

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                         ** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655839.94	4185921.85	0.38931	655862.30	4185932.11	0.38872
655884.66	4185942.38	0.38808	655907.03	4185952.65	0.38744
655937.43	4185986.17	0.39041	655945.47	4186009.42	0.39405
655953.51	4186032.68	0.39776	655961.56	4186055.93	0.40147
655969.60	4186079.19	0.40517	655977.64	4186102.44	0.40883
655985.68	4186125.70	0.41241	655993.73	4186148.95	0.41590
656001.77	4186172.21	0.41928	656009.81	4186195.46	0.42255
656017.85	4186218.71	0.42570	656025.89	4186241.97	0.42877
656033.94	4186265.22	0.43177	656041.98	4186288.48	0.43474
656050.02	4186311.73	0.43771	656058.06	4186334.99	0.44071
656066.11	4186358.24	0.44376	656074.15	4186381.50	0.44687
656082.19	4186404.75	0.45000	656090.23	4186428.01	0.45314
656098.27	4186451.26	0.45622	656106.32	4186474.51	0.45918
656114.36	4186497.77	0.46196	656122.40	4186521.02	0.46454
656130.44	4186544.28	0.46689	656138.49	4186567.53	0.46902
656146.53	4186590.79	0.47097	656154.57	4186614.04	0.47277
656162.61	4186637.30	0.47446	656170.65	4186660.55	0.47611
656178.70	4186683.81	0.47771	656186.74	4186707.06	0.47926
656194.78	4186730.32	0.48073	656202.82	4186753.57	0.48206
656210.87	4186776.82	0.48317	656218.91	4186800.08	0.48400
656226.95	4186823.33	0.48451	656234.99	4186846.59	0.48464
656243.03	4186869.84	0.48440	656251.08	4186893.10	0.48380
656259.12	4186916.35	0.48291	656267.16	4186939.61	0.48178

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         656275.20    4186962.86        0.48050                      656283.25
4186986.12        0.47913
         656291.29    4187009.37        0.47775                      656299.33
4187032.62        0.47640
         656307.37    4187055.88        0.47511                      656315.41
4187079.13        0.47389
         656323.46    4187102.39        0.47274                      656331.50
4187125.64        0.47166
         656339.54    4187148.90        0.47063                      656347.58
4187172.15        0.46966
         656355.63    4187195.41        0.46875                      656363.67
4187218.66        0.46791
         656371.71    4187241.92        0.46715                      656379.75
4187265.17        0.46647
         656387.79    4187288.43        0.46589                      656395.84
4187311.68        0.46540
         656403.88    4187334.93        0.46498                      656411.92
4187358.19        0.46460
         656419.96    4187381.44        0.46423                      656428.01
4187404.70        0.46381
         656436.05    4187427.95        0.46331                      656444.09
4187451.21        0.46268
         656452.13    4187474.46        0.46190                      656460.17
4187497.72        0.46091
         656468.22    4187520.97        0.45969                      656476.26
4187544.23        0.45822
         656484.30    4187567.48        0.45647                      656492.34
4187590.74        0.45442
         656500.39    4187613.99        0.45206                      656508.43
4187637.24        0.44940
         656516.47    4187660.50        0.44643                      656524.51
4187683.75        0.44320
         656532.55    4187707.01        0.43974                      656540.60
4187730.26        0.43608
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 282
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656548.64	4187753.52	0.43227	656556.68	4187776.77	0.42837
656564.72	4187800.03	0.42441	656572.77	4187823.28	0.42044
656580.81	4187846.54	0.41650	656588.85	4187869.79	0.41264
656596.89	4187893.04	0.40887	656604.93	4187916.30	0.40525
656612.98	4187939.55	0.40177	656621.02	4187962.81	0.39847
656629.06	4187986.06	0.39535	656637.10	4188009.32	0.39241
656645.15	4188032.57	0.38961	656653.19	4188055.83	0.38695
653894.48	4185028.63	0.24634	653869.70	4185027.96	0.24471
653844.92	4185027.30	0.24315	653820.14	4185026.64	0.24168
653795.36	4185025.98	0.24035	653770.59	4185025.32	0.23924
653930.19	4184539.07	0.19175	653952.54	4184549.33	0.19371
653974.89	4184559.60	0.19572	653997.25	4184569.86	0.19779
654019.60	4184580.12	0.19994	654041.96	4184590.39	0.20216
654064.31	4184600.65	0.20446	654086.67	4184610.91	0.20684
654109.02	4184621.18	0.20931	654131.37	4184631.44	0.21185
654153.73	4184641.70	0.21445	654176.08	4184651.97	0.21710
654198.44	4184662.23	0.21976	654220.79	4184672.49	0.22240
654243.15	4184682.76	0.22499	654265.50	4184693.02	0.22749
654287.85	4184703.28	0.22986	654310.21	4184713.55	0.23207
654332.56	4184723.81	0.23410	654354.92	4184734.08	0.23594
654377.27	4184744.34	0.23758	654399.63	4184754.60	0.23905
654421.98	4184764.87	0.24039	654444.33		

4184775.13   0.24162
         654466.69   4184785.39   0.24282   654489.04
4184795.66   0.24402
         654511.40   4184805.92   0.24526   654533.75
4184816.18   0.24659
         654556.11   4184826.45   0.24803   654578.46
4184836.71   0.24957
         654600.82   4184846.97   0.25123   654623.17
4184857.24   0.25298
         654645.52   4184867.50   0.25480   654667.88
4184877.76   0.25666
         654690.23   4184888.03   0.25855   654712.59
4184898.29   0.26043
         654734.94   4184908.56   0.26232   654757.30
4184918.82   0.26422
         654779.65   4184929.08   0.26614   654802.00
4184939.35   0.26811
         654824.36   4184949.61   0.27013   654846.71
4184959.87   0.27222
         654869.07   4184970.14   0.27439   654891.42
4184980.40   0.27659
         654913.78   4184990.66   0.27881   654936.13
4185000.93   0.28099
         654958.48   4185011.19   0.28309   654980.84
4185021.45   0.28504
         655003.19   4185031.72   0.28679   655025.55
4185041.98   0.28829
         655047.90   4185052.24   0.28951   655070.26
4185062.51   0.29042
         655092.61   4185072.77   0.29100   655114.96
4185083.04   0.29128
         655137.32   4185093.30   0.29124   655159.67
4185103.56   0.29094
         655182.03   4185113.83   0.29040   655204.38
4185124.09   0.28966
         655226.74   4185134.35   0.28876   655249.09
4185144.62   0.28774

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655271.44	4185154.88	0.28662	655293.80	4185165.14	0.28544
655316.15	4185175.41	0.28421	655338.51	4185185.67	0.28296
655360.86	4185195.93	0.28172	655383.22	4185206.20	0.28049
655405.57	4185216.46	0.27931	655427.93	4185226.72	0.27822
655450.28	4185236.99	0.27725	655472.63	4185247.25	0.27645
655494.99	4185257.52	0.27585	655517.34	4185267.78	0.27548
655539.70	4185278.04	0.27539	655562.05	4185288.31	0.27557
655584.41	4185298.57	0.27604	655606.76	4185308.83	0.27678
655629.11	4185319.10	0.27775	655651.47	4185329.36	0.27894
655673.82	4185339.62	0.28029	655696.18	4185349.89	0.28176
655718.53	4185360.15	0.28330	655740.89	4185370.41	0.28486
655763.24	4185380.68	0.28642	655785.59	4185390.94	0.28792
655807.95	4185401.20	0.28938	655830.30	4185411.47	0.29077
655852.66	4185421.73	0.29210	655875.01	4185432.00	0.29339
655897.37	4185442.26	0.29464	655919.72	4185452.52	0.29586
655942.07	4185462.79	0.29704	655964.43	4185473.05	0.29817
655986.78	4185483.31	0.29923	656009.14	4185493.58	0.30019
656031.49	4185503.84	0.30100	656053.85	4185514.10	0.30164
656076.20	4185524.37	0.30210	656098.55	4185534.63	0.30235
656120.91	4185544.89	0.30241	656143.26	4185555.16	0.30229

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         656165.62    4185565.42        0.30204                      656187.97
4185575.68        0.30169
         656210.33    4185585.95        0.30126                      656232.68
4185596.21        0.30081
         656255.04    4185606.48        0.30036                      656277.39
4185616.74        0.29993
         656307.78    4185650.25        0.30188                      656315.82
4185673.50        0.30430
         656323.86    4185696.74        0.30675                      656331.90
4185719.99        0.30922
         656339.94    4185743.24        0.31169                      656347.98
4185766.48        0.31413
         656356.02    4185789.73        0.31654                      656364.06
4185812.98        0.31890
         656372.10    4185836.23        0.32119                      656380.14
4185859.47        0.32341
         656388.18    4185882.72        0.32556                      656396.22
4185905.97        0.32763
         656404.26    4185929.21        0.32964                      656412.30
4185952.46        0.33159
         656420.34    4185975.71        0.33351                      656428.38
4185998.95        0.33540
         656436.42    4186022.20        0.33731                      656444.46
4186045.45        0.33924
         656452.50    4186068.69        0.34122                      656460.54
4186091.94        0.34326
         656468.58    4186115.19        0.34534                      656476.61
4186138.44        0.34745
         656484.65    4186161.68        0.34958                      656492.69
4186184.93        0.35170
         656500.73    4186208.18        0.35376                      656508.77
4186231.42        0.35573
         656516.81    4186254.67        0.35757                      656524.85
4186277.92        0.35927
         656532.89    4186301.16        0.36083                      656540.93
4186324.41        0.36224
         656548.97    4186347.66        0.36353                      656557.01
4186370.91        0.36473
         656565.05    4186394.15        0.36586                      656573.09
4186417.40        0.36698
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 284
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL      ***
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INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656581.13	4186440.65	0.36809	656589.17	4186463.89	0.36921
656597.21	4186487.14	0.37032	656605.25	4186510.39	0.37142
656613.29	4186533.63	0.37246	656621.33	4186556.88	0.37341
656629.37	4186580.13	0.37420	656637.41	4186603.37	0.37481
656645.45	4186626.62	0.37518	656653.49	4186649.87	0.37531
656661.53	4186673.12	0.37518	656669.56	4186696.36	0.37481
656677.60	4186719.61	0.37423	656685.64	4186742.86	0.37348
656693.68	4186766.10	0.37260	656701.72	4186789.35	0.37163
656709.76	4186812.60	0.37062	656717.80	4186835.84	0.36962
656725.84	4186859.09	0.36864	656733.88	4186882.34	0.36771
656741.92	4186905.59	0.36683	656749.96	4186928.83	0.36602
656758.00	4186952.08	0.36525	656766.04	4186975.33	0.36452
656774.08	4186998.57	0.36382	656782.12	4187021.82	0.36315
656790.16	4187045.07	0.36250	656798.20	4187068.31	0.36188
656806.24	4187091.56	0.36130	656814.28	4187114.81	0.36076
656822.32	4187138.05	0.36029	656830.36	4187161.30	0.35988
656838.40	4187184.55	0.35954	656846.44	4187207.80	0.35927
656854.47	4187231.04	0.35905	656862.51	4187254.29	0.35885
656870.55	4187277.54	0.35867	656878.59		

4187300.78   0.35848
         656886.63   4187324.03   0.35826   656894.67
4187347.28   0.35797
         656902.71   4187370.52   0.35761   656910.75
4187393.77   0.35716
         656918.79   4187417.02   0.35659   656926.83
4187440.27   0.35589
         656934.87   4187463.51   0.35504   656942.91
4187486.76   0.35404
         656950.95   4187510.01   0.35286   656958.99
4187533.25   0.35149
         656967.03   4187556.50   0.34994   656975.07
4187579.75   0.34820
         656983.11   4187602.99   0.34628   656991.15
4187626.24   0.34418
         656999.19   4187649.49   0.34193   657007.23
4187672.73   0.33954
         657015.27   4187695.98   0.33703   657023.31
4187719.23   0.33444
         657031.35   4187742.48   0.33179   657039.39
4187765.72   0.32909
         657047.42   4187788.97   0.32639   657055.46
4187812.22   0.32369
         657063.50   4187835.46   0.32102   657071.54
4187858.71   0.31839
         657079.58   4187881.96   0.31582   657087.62
4187905.20   0.31334
         657095.66   4187928.45   0.31095   657103.70
4187951.70   0.30867
         657111.74   4187974.95   0.30650   657119.78
4187998.19   0.30445
         657127.82   4188021.44   0.30252   657135.86
4188044.69   0.30070
         657143.90   4188067.93   0.29897   657151.94
4188091.18   0.29731
         653907.83   4184528.80   0.18983   653883.05
4184528.14   0.18873
         653858.27   4184527.48   0.18766   653833.50
4184526.82   0.18663
         653808.72   4184526.16   0.18567   653783.94
4184525.49   0.18482
         653943.53   4184039.24   0.15296   653965.88
4184049.51   0.15434

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653988.23	4184059.77	0.15575	654010.58	4184070.03	0.15718
654032.93	4184080.29	0.15866	654055.28	4184090.55	0.16018
654077.63	4184100.81	0.16175	654099.98	4184111.07	0.16336
654122.32	4184121.33	0.16503	654144.67	4184131.59	0.16674
654167.02	4184141.85	0.16850	654189.37	4184152.12	0.17030
654211.72	4184162.38	0.17213	654234.07	4184172.64	0.17399
654256.42	4184182.90	0.17587	654278.77	4184193.16	0.17776
654301.12	4184203.42	0.17962	654323.46	4184213.68	0.18144
654345.81	4184223.94	0.18319	654368.16	4184234.20	0.18486
654390.51	4184244.47	0.18641	654412.86	4184254.73	0.18785
654435.21	4184264.99	0.18916	654457.56	4184275.25	0.19034
654479.91	4184285.51	0.19140	654502.26	4184295.77	0.19235
654524.61	4184306.03	0.19322	654546.95	4184316.29	0.19403
654569.30	4184326.55	0.19482	654591.65	4184336.81	0.19561
654614.00	4184347.08	0.19644	654636.35	4184357.34	0.19732
654658.70	4184367.60	0.19827	654681.05	4184377.86	0.19931
654703.40	4184388.12	0.20043	654725.75	4184398.38	0.20162

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         654748.09    4184408.64        0.20288                     654770.44
4184418.90        0.20419
         654792.79    4184429.16        0.20551                     654815.14
4184439.42        0.20685
         654837.49    4184449.69        0.20818                     654859.84
4184459.95        0.20950
         654882.19    4184470.21        0.21081                     654904.54
4184480.47        0.21211
         654926.89    4184490.73        0.21343                     654949.23
4184500.99        0.21477
         654971.58    4184511.25        0.21616                     654993.93
4184521.51        0.21761
         655016.28    4184531.77        0.21912                     655038.63
4184542.04        0.22069
         655060.98    4184552.30        0.22229                     655083.33
4184562.56        0.22391
         655105.68    4184572.82        0.22552                     655128.03
4184583.08        0.22708
         655150.37    4184593.34        0.22855                     655172.72
4184603.60        0.22991
         655195.07    4184613.86        0.23111                     655217.42
4184624.12        0.23214
         655239.77    4184634.38        0.23297                     655262.12
4184644.65        0.23359
         655284.47    4184654.91        0.23400                     655306.82
4184665.17        0.23420
         655329.17    4184675.43        0.23419                     655351.51
4184685.69        0.23401
         655373.86    4184695.95        0.23366                     655396.21
4184706.21        0.23317
         655418.56    4184716.47        0.23257                     655440.91
4184726.73        0.23189
         655463.26    4184736.99        0.23114                     655485.61
4184747.26        0.23035
         655507.96    4184757.52        0.22953                     655530.31
4184767.78        0.22869
         655552.65    4184778.04        0.22783                     655575.00
4184788.30        0.22697
         655597.35    4184798.56        0.22610                     655619.70
4184808.82        0.22524
         655642.05    4184819.08        0.22440                     655664.40
4184829.34        0.22360
         655686.75    4184839.61        0.22286                     655709.10
4184849.87        0.22220
         655731.45    4184860.13        0.22164                     655753.79
4184870.39        0.22122
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655776.14	4184880.65	0.22095	655798.49	4184890.91	0.22085
655820.84	4184901.17	0.22094	655843.19	4184911.43	0.22120
655865.54	4184921.69	0.22165	655887.89	4184931.95	0.22227
655910.24	4184942.22	0.22305	655932.59	4184952.48	0.22396
655954.93	4184962.74	0.22497	655977.28	4184973.00	0.22607
655999.63	4184983.26	0.22720	656021.98	4184993.52	0.22836
656044.33	4185003.78	0.22951	656066.68	4185014.04	0.23063
656089.03	4185024.30	0.23170	656111.38	4185034.57	0.23271
656133.73	4185044.83	0.23367	656156.07	4185055.09	0.23457
656178.42	4185065.35	0.23544	656200.77	4185075.61	0.23631
656223.12	4185085.87	0.23717	656245.47	4185096.13	0.23801
656267.82	4185106.39	0.23885	656290.17	4185116.65	0.23966
656312.52	4185126.91	0.24043	656334.87	4185137.18	0.24114
656357.22	4185147.44	0.24177	656379.56	4185157.70	0.24228
656401.91	4185167.96	0.24268	656424.26	4185178.22	0.24294
656446.61	4185188.48	0.24306	656468.96		

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4185198.74        0.24305
         656491.31    4185209.00        0.24293                    656513.66
4185219.26        0.24272
         656536.01    4185229.52        0.24244                    656558.36
4185239.79        0.24211
         656580.70    4185250.05        0.24177                    656603.05
4185260.31        0.24143
         656625.40    4185270.57        0.24110                    656647.75
4185280.83        0.24080
         656678.14    4185314.33        0.24219                    656686.17
4185337.57        0.24388
         656694.21    4185360.81        0.24561                    656702.25
4185384.06        0.24735
         656710.29    4185407.30        0.24909                    656718.33
4185430.54        0.25083
         656726.36    4185453.78        0.25255                    656734.40
4185477.02        0.25423
         656742.44    4185500.26        0.25587                    656750.48
4185523.50        0.25745
         656758.51    4185546.75        0.25900                    656766.55
4185569.99        0.26051
         656774.59    4185593.23        0.26196                    656782.63
4185616.47        0.26337
         656790.66    4185639.71        0.26474                    656798.70
4185662.95        0.26607
         656806.74    4185686.19        0.26738                    656814.78
4185709.43        0.26867
         656822.81    4185732.68        0.26997                    656830.85
4185755.92        0.27128
         656838.89    4185779.16        0.27261                    656846.93
4185802.40        0.27399
         656854.97    4185825.64        0.27541                    656863.00
4185848.88        0.27688
         656871.04    4185872.12        0.27838                    656879.08
4185895.37        0.27990
         656887.12    4185918.61        0.28142                    656895.15
4185941.85        0.28292
         656903.19    4185965.09        0.28436                    656911.23
4185988.33        0.28573
         656919.27    4186011.57        0.28702                    656927.30
4186034.81        0.28819
         656935.34    4186058.05        0.28926                    656943.38
4186081.30        0.29024
         656951.42    4186104.54        0.29112                    656959.45
4186127.78        0.29195
         656967.49    4186151.02        0.29274                    656975.53
4186174.26        0.29351
         656983.57    4186197.50        0.29429                    656991.60
4186220.74        0.29508
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                           *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL   ***
                           INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
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         657224.70    4186894.74        0.29070                    657232.73
4186917.98        0.29024
         657240.77    4186941.22        0.28978                    657248.81
4186964.47        0.28935
         657256.85    4186987.71        0.28895                    657264.88
4187010.95        0.28860
         657272.92    4187034.19        0.28828                    657280.96
4187057.43        0.28802
         657289.00    4187080.67        0.28781                    657297.03
4187103.91        0.28765
         657305.07    4187127.16        0.28752                    657313.11
4187150.40        0.28742
         657321.15    4187173.64        0.28733                    657329.19
4187196.88        0.28724
         657337.22    4187220.12        0.28714                    657345.26
4187243.36        0.28700
         657353.30    4187266.60        0.28683                    657361.34
4187289.84        0.28660
         657369.37    4187313.09        0.28632                    657377.41
4187336.33        0.28596
         657385.45    4187359.57        0.28553                    657393.49
4187382.81        0.28500
         657401.52    4187406.05        0.28437                    657409.56
4187429.29        0.28365
         657417.60    4187452.53        0.28280                    657425.64
4187475.77        0.28184
         657433.67    4187499.02        0.28076                    657441.71
4187522.26        0.27956
         657449.75    4187545.50        0.27823                    657457.79
4187568.74        0.27678
         657465.83    4187591.98        0.27523                    657473.86
4187615.22        0.27357
         657481.90    4187638.46        0.27183                    657489.94
4187661.71        0.27002
         657497.98    4187684.95        0.26816                    657506.01
4187708.19        0.26626
         657514.05    4187731.43        0.26433                    657522.09
4187754.67        0.26238
         657530.13    4187777.91        0.26044                    657538.16
4187801.15        0.25850
         657546.20    4187824.39        0.25658                    657554.24
4187847.64        0.25469
         657562.28    4187870.88        0.25283                    657570.31
4187894.12        0.25102
         657578.35    4187917.36        0.24927                    657586.39
4187940.60        0.24759
         657594.43    4187963.84        0.24598                    657602.46
4187987.08        0.24447
         657610.50    4188010.33        0.24305                    657618.54
4188033.57        0.24172
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4187974.36 52.77411
653552.54 4187850.57 19.47892 653568.40
4187816.17 17.06914
653584.26 4187781.77 15.19978 653609.91
4187757.87 15.49035
653645.34 4187744.46 17.31627 653543.70
4187888.65 22.74227
653541.88 4187930.42 27.86032 653540.06
4187972.18 31.78667
653502.59 4187848.39 14.66066 653518.45
4187813.99 13.47993
653534.31 4187779.60 12.00887 653550.17
4187745.20 10.91290
653575.82 4187721.30 11.06768 653611.24
4187707.89 12.30843
653646.67 4187694.48 13.15532 653493.75
4187886.47 16.51201
653491.93 4187928.24 19.29132 653490.11
4187970.00 21.50426
653452.64 4187846.22 11.41706 653468.50
4187811.82 10.78958
653484.36 4187777.42 9.92497 653500.22
4187743.02 8.97721
653516.08 4187708.62 8.27649 653541.72
4187684.72 8.35953
653577.15 4187671.31 9.18486 653612.58
4187657.91 9.96162
653648.01 4187644.50 10.23418 653443.80
4187884.30 12.58202
653441.98 4187926.06 14.26920 653440.16
4187967.83 15.65216
653403.41 4187842.48 9.16235 653420.71
4187804.95 8.70192
653438.01 4187767.42 8.16210 653455.31
4187729.90 7.42549
653472.62 4187692.37 6.79413 653509.24
4187647.54 6.59816
653547.89 4187632.91 7.21955 653586.54
4187618.28 7.86195
653625.19 4187603.66 8.20643 653663.83
4187589.03 8.01650
653393.84 4187882.12 9.93504 653392.02
4187923.88 11.05126
653390.20 4187965.65 11.97794 653353.34
4187840.54 7.55799
653370.42 4187803.50 7.21833 653387.50
4187766.45 6.90439
653404.59 4187729.41 6.45961 653421.67
4187692.36 5.92513
653438.75 4187655.32 5.49135 653474.90

4187611.05   5.34468
         653513.06   4187596.62   5.77626   653551.21
4187582.18   6.26270
         653589.36   4187567.74   6.65919   653627.51
4187553.30   6.74553

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
        653240.35    4187959.12        6.47706                  653153.71
4187831.44        4.08447
        653171.16    4187793.60        4.00187                  653188.61
4187755.76        3.86833
        653206.06    4187717.92        3.75095                  653223.50
4187680.08        3.64772
        653240.95    4187642.24        3.49909                  653258.40
4187604.41        3.30648
        653275.84    4187566.57        3.10543                  653293.29
4187528.73        2.93945
        653310.74    4187490.89        2.80396                  653338.95
4187464.60        2.80600
        653377.92    4187449.85        2.95234                  653416.89
4187435.10        3.11947
        653455.86    4187420.36        3.31266                  653494.83
4187405.61        3.50820
        653533.80    4187390.86        3.64429                  653572.76
4187376.11        3.67439
        653611.73    4187361.36        3.60041                  653650.70
4187346.62        3.45697
        653144.08    4187871.24        4.24754                  653142.26
4187913.00        4.51648
        653140.44    4187954.76        4.74119                  653053.68
4187827.37        3.20747
        653070.86    4187790.10        3.16541                  653088.04
4187752.84        3.09495
        653105.23    4187715.57        3.00104                  653122.41
4187678.31        2.92857
        653139.59    4187641.04        2.86517                  653156.77
4187603.78        2.77353
        653173.96    4187566.51        2.65219                  653191.14
4187529.25        2.51458
        653208.32    4187491.98        2.38509                  653225.50
4187454.72        2.28109
        653242.69    4187417.45        2.19180                  653270.47
4187391.56        2.19063
        653308.85    4187377.03        2.28468                  653347.23
4187362.51        2.39074
        653385.61    4187347.99        2.50931                  653423.98
4187333.46        2.64692
        653462.36    4187318.94        2.77969                  653500.74
4187304.41        2.87213
        653539.12    4187289.89        2.90189                  653577.50
4187275.37        2.86625
        653615.88    4187260.84        2.78602                  653654.26
4187246.32        2.66970
        653044.18    4187866.88        3.31944                  653042.36
4187908.65        3.49528
        653040.54    4187950.41        3.64444                  652953.68
4187823.22        2.59774
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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653140.61	4187417.81	1.90349	653157.60	4187380.95	1.83247
653174.60	4187344.10	1.76873	653202.07	4187318.49	1.76588
653240.03	4187304.12	1.83007	653277.99	4187289.76	1.90368
653315.95	4187275.39	1.98077	653353.90	4187261.03	2.07052
653391.86	4187246.67	2.17284	653429.82	4187232.30	2.26701
653467.78	4187217.94	2.33293	653505.73	4187203.57	2.35919
653543.69	4187189.21	2.34241	653581.65	4187174.84	2.29387
653619.61	4187160.48	2.22432	653657.56	4187146.11	2.12966
652944.27	4187862.53	2.67821	652942.45		

4187904.29 2.79870
652940.63 4187946.06 2.90316 652853.97
4187818.43 2.15582
652871.37 4187780.70 2.13151 652888.77
4187742.98 2.11155
652906.16 4187705.25 2.07769 652923.56
4187667.52 2.02554
652940.95 4187629.79 1.97858 652958.35
4187592.07 1.94664
652975.74 4187554.34 1.91587 652993.14
4187516.61 1.87079
653010.54 4187478.88 1.80930 653027.93
4187441.16 1.73897
653045.33 4187403.43 1.66411 653062.72
4187365.70 1.59456
653080.12 4187327.97 1.53697 653097.51
4187290.25 1.48688
653134.34 4187245.17 1.46031 653173.19
4187230.46 1.50713
653212.05 4187215.76 1.56227 653250.91
4187201.05 1.61852
653289.76 4187186.35 1.68014 653328.62
4187171.65 1.75525
653367.47 4187156.94 1.83489 653406.33
4187142.24 1.90186
653445.18 4187127.53 1.94606 653484.04
4187112.83 1.96327
653522.89 4187098.12 1.94766 653561.75
4187083.42 1.90964
653600.60 4187068.72 1.85813 653639.46
4187054.01 1.78845
653678.32 4187039.31 1.70376 652844.37
4187858.18 2.21532
652842.55 4187899.94 2.30112 652840.73
4187941.70 2.37747
652604.24 4187807.49 1.46051 652621.68
4187769.65 1.44519
652639.13 4187731.81 1.43188 652656.58
4187693.98 1.42284
652674.02 4187656.14 1.40971 652691.47
4187618.30 1.38491
652708.92 4187580.46 1.35442 652726.37
4187542.62 1.32980
652743.81 4187504.78 1.31341 652761.26
4187466.95 1.29980
652778.71 4187429.11 1.28231 652796.15
4187391.27 1.25600
652813.60 4187353.43 1.22195 652831.05
4187315.59 1.18458
652848.49 4187277.75 1.14503 652865.94

4187239.92   1.10503
         652883.39   4187202.08   1.06889   652900.83
4187164.24   1.03832
         652918.28   4187126.40   1.01127   652935.73
4187088.56   0.98558
         652963.94   4187062.27   0.98295   653002.91
4187047.52   1.00601
         653041.88   4187032.77   1.03465   653080.85
4187018.03   1.06510
         653119.82   4187003.28   1.09385   653158.79
4186988.53   1.12432

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                   INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652354.49 4187796.57 1.06564 652371.97
4187758.66 1.05743
652389.45 4187720.75 1.04721 652406.93
4187682.85 1.03902
652424.41 4187644.94 1.03425 652441.89
4187607.03 1.02881
652459.37 4187569.12 1.01710 652476.85
4187531.21 0.99882
652494.32 4187493.30 0.97982 652511.80
4187455.39 0.96548
652529.28 4187417.49 0.95594 652546.76
4187379.58 0.94839
652564.24 4187341.67 0.94024 652581.72
4187303.76 0.92874
652599.20 4187265.85 0.91177 652616.68
4187227.94 0.89055
652634.16 4187190.03 0.86798 652651.64
4187152.13 0.84471
652669.12 4187114.22 0.82037 652686.60
4187076.31 0.79652
652704.08 4187038.40 0.77524 652721.56
4187000.49 0.75689
652739.03 4186962.58 0.74043 652756.51
4186924.67 0.72476
652793.51 4186879.38 0.71512 652832.56
4186864.60 0.72787
652871.60 4186849.83 0.74391 652910.64
4186835.05 0.76260
652949.68 4186820.28 0.78098 652988.73
4186805.50 0.79742
653027.77 4186790.73 0.81415 653066.81
4186775.95 0.83509
653105.85 4186761.18 0.86153 653144.89
4186746.40 0.89105
653183.94 4186731.63 0.91923 653222.98
4186716.86 0.94248
653262.02 4186702.08 0.95966 653301.06
4186687.31 0.97111
653340.10 4186672.53 0.97631 653379.15
4186657.76 0.97404
653418.19 4186642.98 0.96490 653457.23
4186628.21 0.95177
653496.27 4186613.43 0.93712 653535.31
4186598.66 0.92034
653574.36 4186583.88 0.89820 653613.40
4186569.11 0.86908
653652.44 4186554.33 0.83638 653691.48
4186539.56 0.80731
652344.84 4187836.41 1.08056 652343.02
4187878.17 1.10377

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         652341.20    4187919.94        1.12709                      652104.74
4187785.66        0.81726
         652122.24    4187747.71        0.81338                      652139.74
4187709.75        0.80689
         652157.24    4187671.79        0.79965                      652174.74
4187633.83        0.79421
         652192.25    4187595.88        0.79143                      652209.75
4187557.92        0.78913
         652227.25    4187519.96        0.78366                      652244.75
4187482.01        0.77325
         652262.25    4187444.05        0.75986                      652279.75
4187406.09        0.74747
         652297.26    4187368.14        0.73854                      652314.76
4187330.18        0.73252
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 292
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652332.26    4187292.22        0.72774                      652349.76
4187254.27        0.72307
         652367.26    4187216.31        0.71748                      652384.76
4187178.35        0.70935
         652402.27    4187140.39        0.69760                      652419.77
4187102.44        0.68325
         652437.27    4187064.48        0.66831                      652454.77
4187026.52        0.65336
         652472.27    4186988.57        0.63779                      652489.77
4186950.61        0.62174
         652507.28    4186912.65        0.60643                      652524.78
4186874.70        0.59282
         652542.28    4186836.74        0.58085                      652559.78
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4186798.78 0.56995
652577.28 4186760.82 0.55961 652594.78
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652623.08 4186696.49 0.54814 652662.17
4186681.70 0.55596
652701.26 4186666.91 0.56559 652740.36
4186652.11 0.57743
652779.45 4186637.32 0.59030 652818.54
4186622.52 0.60218
652857.63 4186607.73 0.61234 652896.72
4186592.94 0.62230
652935.82 4186578.14 0.63459 652974.91
4186563.35 0.65066
653014.00 4186548.56 0.66981 653053.09
4186533.76 0.69007
653092.18 4186518.97 0.70884 653131.28
4186504.17 0.72426
653170.37 4186489.38 0.73599 653209.46
4186474.59 0.74455
653248.55 4186459.79 0.74998 653287.64
4186445.00 0.75160
653326.74 4186430.21 0.74869 653365.83
4186415.41 0.74192
653404.92 4186400.62 0.73305 653444.01
4186385.82 0.72361
653483.10 4186371.03 0.71361 653522.20
4186356.24 0.70135
653561.29 4186341.44 0.68486 653600.38
4186326.65 0.66393
653639.47 4186311.86 0.64111 653678.56
4186297.06 0.62068
652095.08 4187825.52 0.82546 652093.26
4187867.29 0.83962
652091.44 4187909.05 0.85456 651854.85
4187775.04 0.64978
651872.11 4187737.61 0.64831 651889.38
4187700.17 0.64481
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4187625.31 0.63443
651941.16 4187587.87 0.63053 651958.42
4187550.44 0.62864
651975.68 4187513.00 0.62774 651992.94
4187475.57 0.62565
652010.20 4187438.14 0.62049 652027.46
4187400.70 0.61214
652044.72 4187363.27 0.60243 652061.98
4187325.84 0.59380
652079.24 4187288.40 0.58756 652096.50
4187250.97 0.58336
652113.76 4187213.54 0.58008 652131.02

4187176.10   0.57699
         652148.28   4187138.67   0.57385   652165.54
4187101.23   0.57018
         652182.80   4187063.80   0.56489   652200.06
4187026.37   0.55714
         652217.32   4186988.93   0.54736   652234.58
4186951.50   0.53691
         652251.84   4186914.07   0.52670   652269.10
4186876.63   0.51651
         652286.36   4186839.20   0.50582   652303.62
4186801.77   0.49481
         652320.88   4186764.33   0.48421   652338.14
4186726.90   0.47463
         652355.40   4186689.46   0.46610   652372.67
4186652.03   0.45832
         652389.93   4186614.60   0.45100   652407.19
4186577.16   0.44397

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652799.33 4186382.41 0.50087 652837.88
4186367.82 0.51047
652876.44 4186353.23 0.52263 652914.99
4186338.64 0.53659
652953.54 4186324.05 0.55092 652992.10
4186309.46 0.56414
653030.65 4186294.87 0.57524 653069.20
4186280.28 0.58398
653107.75 4186265.69 0.59072 653146.31
4186251.10 0.59582
653184.86 4186236.51 0.59921 653223.41
4186221.92 0.60023
653261.97 4186207.33 0.59841 653300.52
4186192.74 0.59396
653339.07 4186178.15 0.58791 653377.63
4186163.56 0.58139
653416.18 4186148.97 0.57490 653454.73
4186134.38 0.56802
653493.28 4186119.79 0.55955 653531.84
4186105.20 0.54827
653570.39 4186090.61 0.53389 653608.94
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653647.50 4186061.43 0.50164 653686.05
4186046.84 0.48863
651845.31 4187814.64 0.65453 651843.49
4187856.40 0.66378
651841.67 4187898.17 0.67394 651355.37
4187753.19 0.44316
651372.70 4187715.59 0.44353 651390.04
4187677.99 0.44275
651407.38 4187640.39 0.44079 651424.71
4187602.80 0.43784
651442.05 4187565.20 0.43442 651459.38
4187527.60 0.43130
651476.72 4187490.00 0.42918 651494.06
4187452.40 0.42832
651511.39 4187414.80 0.42833 651528.73
4187377.21 0.42827
651546.07 4187339.61 0.42709 651563.40
4187302.01 0.42410
651580.74 4187264.41 0.41934 651598.07
4187226.81 0.41363
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4187151.62 0.40380
651650.08 4187114.02 0.40084 651667.42
4187076.42 0.39885
651684.76 4187038.82 0.39721 651702.09
4187001.22 0.39554
651719.43 4186963.62 0.39382 651736.77
4186926.03 0.39220

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         651754.10    4186888.43        0.39058                       651771.44
4186850.83        0.38848
         651788.77    4186813.23        0.38522                       651806.11
4186775.63        0.38054
         651823.45    4186738.03        0.37481                       651840.78
4186700.44        0.36878
         651858.12    4186662.84        0.36303                       651875.46
4186625.24        0.35759
         651892.79    4186587.64        0.35210                       651910.13
4186550.04        0.34629
         651927.46    4186512.44        0.34023                       651944.80
4186474.85        0.33429
         651962.14    4186437.25        0.32876                       651979.47
4186399.65        0.32376
         651996.81    4186362.05        0.31925                       652014.15
4186324.45        0.31493
         652031.48    4186286.85        0.31074                       652048.82
4186249.26        0.30670
         652066.15    4186211.66        0.30290                       652083.49
4186174.06        0.29925
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL      ***
                                   INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652111.52    4186147.93        0.29879                       652150.24
4186133.28        0.30151
         652188.97    4186118.62        0.30445                       652227.69
4186103.97        0.30793
         652266.41    4186089.32        0.31224                       652305.13
4186074.66        0.31730
         652343.86    4186060.01        0.32264                       652382.58
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4186045.35 0.32760
652421.30 4186030.70 0.33169 652460.02
4186016.05 0.33489
652498.75 4186001.39 0.33770 652537.47
4185986.74 0.34089
652576.19 4185972.08 0.34515 652614.91
4185957.43 0.35082
652653.64 4185942.78 0.35783 652692.36
4185928.12 0.36578
652731.08 4185913.47 0.37412 652769.81
4185898.81 0.38222
652808.53 4185884.16 0.38946 652847.25
4185869.51 0.39551
652885.97 4185854.85 0.40032 652924.70
4185840.20 0.40415
652963.42 4185825.54 0.40728 653002.14
4185810.89 0.40987
653040.86 4185796.24 0.41178 653079.59
4185781.58 0.41267
653118.31 4185766.93 0.41223 653157.03
4185752.28 0.41042
653195.75 4185737.62 0.40748 653234.48
4185722.97 0.40392
653273.20 4185708.31 0.40021 653311.92
4185693.66 0.39668
653350.65 4185679.01 0.39328 653389.37
4185664.35 0.38966
653428.09 4185649.70 0.38526 653466.81
4185635.04 0.37947
653505.54 4185620.39 0.37199 653544.26
4185605.74 0.36300
653582.98 4185591.08 0.35323 653621.70
4185576.43 0.34379
653660.43 4185561.77 0.33580 653699.15
4185547.12 0.32998
651345.79 4187792.87 0.44484 651343.97
4187834.63 0.44922
651342.15 4187876.40 0.45438 650855.87
4187731.37 0.32430
650873.25 4187693.66 0.32491 650890.64
4187655.95 0.32493
650908.02 4187618.25 0.32464 650925.41
4187580.54 0.32367
650942.80 4187542.84 0.32201 650960.18
4187505.13 0.31970
650977.57 4187467.42 0.31758 650994.95
4187429.72 0.31549
651012.34 4187392.01 0.31433 651029.72
4187354.31 0.31379
651047.11 4187316.60 0.31414 651064.50

4187278.89   0.31437
         651081.88   4187241.19   0.31450   651099.27
4187203.48   0.31358
         651116.65   4187165.78   0.31165   651134.04
4187128.07   0.30853
         651151.43   4187090.36   0.30471   651168.81
4187052.66   0.30093
         651186.20   4187014.95   0.29771   651203.58
4186977.25   0.29535
         651220.97   4186939.54   0.29382   651238.36
4186901.83   0.29281
         651255.74   4186864.13   0.29196   651273.13
4186826.42   0.29101
         651290.51   4186788.72   0.28991   651307.90
4186751.01   0.28881
         651325.29   4186713.30   0.28786   651342.67
4186675.60   0.28707
         651360.06   4186637.89   0.28618   651377.44
4186600.19   0.28479
         651394.83   4186562.48   0.28256   651412.22
4186524.77   0.27945
         651429.60   4186487.07   0.27573   651446.99
4186449.36   0.27186

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

651533.92 4186260.83 0.25477 651551.30
4186223.13 0.25105
651568.69 4186185.42 0.24732 651586.08
4186147.71 0.24377
651603.46 4186110.01 0.24052 651620.85
4186072.30 0.23751
651638.23 4186034.60 0.23469 651655.62
4185996.89 0.23197
651673.01 4185959.18 0.22931 651690.39
4185921.48 0.22678
651707.78 4185883.77 0.22432 651725.16
4185846.07 0.22205
651742.55 4185808.36 0.22000 651770.66
4185782.16 0.21987
651809.49 4185767.46 0.22136 651848.33
4185752.77 0.22313
651887.16 4185738.07 0.22493 651925.99
4185723.37 0.22713
651964.83 4185708.68 0.22981 652003.66
4185693.98 0.23296
652042.49 4185679.29 0.23638 652081.33
4185664.59 0.23972
652120.16 4185649.89 0.24263 652158.99
4185635.20 0.24492
652197.83 4185620.50 0.24663 652236.66
4185605.81 0.24806
652275.50 4185591.11 0.24965 652314.33
4185576.41 0.25174
652353.16 4185561.72 0.25462 652392.00
4185547.02 0.25836
652430.83 4185532.33 0.26287 652469.66
4185517.63 0.26796
652508.50 4185502.94 0.27334 652547.33
4185488.24 0.27870
652586.16 4185473.54 0.28370 652625.00
4185458.85 0.28811
652663.83 4185444.15 0.29177 652702.66
4185429.46 0.29473
652741.50 4185414.76 0.29711 652780.33
4185400.06 0.29914
652819.16 4185385.37 0.30095 652858.00
4185370.67 0.30254
652896.83 4185355.98 0.30380 652935.67
4185341.28 0.30454
652974.50 4185326.58 0.30458 653013.33
4185311.89 0.30384
653052.17 4185297.19 0.30237 653091.00
4185282.50 0.30038
653129.83 4185267.80 0.29811 653168.67
4185253.10 0.29578

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         653207.50    4185238.41        0.29357                       653246.33
4185223.71        0.29151
         653285.17    4185209.02        0.28953                       653324.00
4185194.32        0.28740
         653362.83    4185179.62        0.28484                       653401.67
4185164.93        0.28155
         653440.50    4185150.23        0.27729                       653479.34
4185135.54        0.27204
         653518.17    4185120.84        0.26600                       653557.00
4185106.14        0.25962
         653595.84    4185091.45        0.25346                       653634.67
4185076.75        0.24809
         653673.50    4185062.06        0.24395                       653712.34
4185047.36        0.24118
         650846.26    4187771.10        0.32505                       650844.44
4187812.87        0.32751
         650842.62    4187854.63        0.33089                       650356.36
4187709.56        0.24928
         650373.78    4187671.78        0.25037                       650391.20
4187634.00        0.25109
         650408.62    4187596.21        0.25129                       650426.04
4187558.43        0.25074
         650443.46    4187520.65        0.25004                       650460.88
4187482.87        0.24889
         650478.30    4187445.09        0.24743                       650495.72
4187407.30        0.24568
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 296
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         650513.15    4187369.52        0.24400                       650530.57
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4187256.18 0.24155
650582.83 4187218.40 0.24177 650600.25
4187180.61 0.24217
650617.67 4187142.83 0.24251 650635.09
4187105.05 0.24248
650652.51 4187067.27 0.24185 650669.93
4187029.49 0.24047
650687.36 4186991.70 0.23837 650704.78
4186953.92 0.23580
650722.20 4186916.14 0.23311 650739.62
4186878.36 0.23066
650757.04 4186840.58 0.22874 650774.46
4186802.79 0.22743
650791.88 4186765.01 0.22661 650809.30
4186727.23 0.22609
650826.72 4186689.45 0.22563 650844.14
4186651.67 0.22505
650861.56 4186613.88 0.22431 650878.99
4186576.10 0.22347
650896.41 4186538.32 0.22266 650913.83
4186500.54 0.22201
650931.25 4186462.76 0.22153 650948.67
4186424.97 0.22111
650966.09 4186387.19 0.22048 650983.51
4186349.41 0.21943
651000.93 4186311.63 0.21780 651018.35
4186273.85 0.21554
651035.77 4186236.06 0.21292 651053.20
4186198.28 0.21017
651070.62 4186160.50 0.20761 651088.04
4186122.72 0.20531
651105.46 4186084.94 0.20317 651122.88
4186047.16 0.20112
651140.30 4186009.37 0.19897 651157.72
4185971.59 0.19663
651175.14 4185933.81 0.19420 651192.56
4185896.03 0.19171
651209.98 4185858.25 0.18929 651227.40
4185820.46 0.18706
651244.83 4185782.68 0.18506 651262.25
4185744.90 0.18319
651279.67 4185707.12 0.18155 651297.09
4185669.34 0.17964
651314.51 4185631.55 0.17780 651331.93
4185593.77 0.17599
651349.35 4185555.99 0.17435 651366.77
4185518.21 0.17277
651384.19 4185480.43 0.17128 651401.61

4185442.64   0.16990
         651429.78   4185416.39   0.16986   651468.69
4185401.66   0.17104
         651507.60   4185386.94   0.17220   651546.52
4185372.21   0.17339
         651585.43   4185357.49   0.17465   651624.34
4185342.76   0.17613
         651663.25   4185328.04   0.17792   651702.16
4185313.31   0.18001
         651741.07   4185298.59   0.18237   651779.99
4185283.86   0.18478
         651818.90   4185269.13   0.18697   651857.81
4185254.41   0.18877
         651896.72   4185239.68   0.19013   651935.63
4185224.96   0.19112
         651974.55   4185210.23   0.19193   652013.46
4185195.51   0.19274
         652052.37   4185180.78   0.19385   652091.28
4185166.06   0.19543
         652130.19   4185151.33   0.19754   652169.10
4185136.60   0.20018
         652208.02   4185121.88   0.20329   652246.93
4185107.15   0.20678
         652285.84   4185092.43   0.21043   652324.75
4185077.70   0.21411
         652363.66   4185062.98   0.21765   652402.57
4185048.25   0.22089
         652441.49   4185033.53   0.22371   652480.40
4185018.80   0.22606

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC

- - - -

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         650083.65    4187195.87        0.19256                       650101.10
4187158.03        0.19238
         650118.55    4187120.19        0.19269                       650136.00
4187082.35        0.19307
         650153.44    4187044.51        0.19348                       650170.89
4187006.67        0.19391
         650188.34    4186968.84        0.19420                       650205.78
4186931.00        0.19351
         650223.23    4186893.16        0.19226                       650240.68
4186855.32        0.19091
         650258.12    4186817.48        0.18907                       650275.57
4186779.64        0.18708
         650293.02    4186741.81        0.18521                       650310.46
4186703.97        0.18354
         650327.91    4186666.13        0.18240                       650345.36
4186628.29        0.18153
         650362.81    4186590.45        0.18116                       650380.25
4186552.61        0.18089
         650397.70    4186514.78        0.18060                       650415.15
4186476.94        0.18024
         650432.59    4186439.10        0.17976                       650450.04
4186401.26        0.17912
         650467.49    4186363.42        0.17850                       650484.93
4186325.58        0.17785
         650502.38    4186287.75        0.17739                       650519.83
4186249.91        0.17707
         650537.28    4186212.07        0.17693                       650554.72
4186174.23        0.17675
         650572.17    4186136.39        0.17622                       650589.62
4186098.55        0.17537
         650607.06    4186060.72        0.17410                       650624.51
4186022.88        0.17246
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 298
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650641.96	4185985.04	0.17051	650659.40	4185947.20	0.16853
650676.85	4185909.36	0.16664	650694.30	4185871.52	0.16492
650711.74	4185833.69	0.16344	650729.19	4185795.85	0.16185
650746.64	4185758.01	0.16020	650764.09	4185720.17	0.15893
650781.53	4185682.33	0.15737	650798.98	4185644.49	0.15564
650816.43	4185606.66	0.15388	650833.87	4185568.82	0.15218
650851.32	4185530.98	0.15063	650868.77	4185493.14	0.14920
650886.21	4185455.30	0.14789	650903.66	4185417.46	0.14660
650921.11	4185379.63	0.14531	650938.56	4185341.79	0.14398
650956.00	4185303.95	0.14267	650973.45	4185266.11	0.14133
650990.90	4185228.27	0.14009	651008.34	4185190.43	0.13887
651025.79	4185152.60	0.13787	651043.24	4185114.76	0.13688
651060.68	4185076.92	0.13607	651088.89	4185050.63	0.13607
651127.86	4185035.88	0.13698	651166.83	4185021.13	0.13776
651205.80	4185006.38	0.13857	651244.77	4184991.64	0.13941
651283.74	4184976.89	0.14041	651322.71	4184962.14	0.14145
651361.68	4184947.39	0.14277	651400.65	4184932.65	0.14428
651439.62	4184917.90	0.14591	651478.59	4184903.15	0.14761
651517.56	4184888.40	0.14927	651556.53	4184873.66	0.15075
651595.50	4184858.91	0.15192	651634.47	4184844.16	0.15277
651673.44	4184829.41	0.15336	651712.41	4184814.67	0.15380
651751.38	4184799.92	0.15424	651790.35	4184785.17	0.15485
651829.32	4184770.42	0.15574	651868.29		

4184755.68   0.15697
         651907.26   4184740.93   0.15857   651946.23
4184726.18   0.16054
         651985.20   4184711.43   0.16281   652024.17
4184696.69   0.16530
         652063.14   4184681.94   0.16792   652102.11
4184667.19   0.17057
         652141.08   4184652.44   0.17316   652180.05
4184637.70   0.17560
         652219.02   4184622.95   0.17780   652257.99
4184608.20   0.17971
         652296.96   4184593.45   0.18131   652335.93
4184578.71   0.18261
         652374.90   4184563.96   0.18368   652413.87
4184549.21   0.18459
         652452.84   4184534.46   0.18544   652491.81
4184519.72   0.18628
         652530.78   4184504.97   0.18712   652569.75
4184490.22   0.18792
         652608.72   4184475.47   0.18860   652647.69
4184460.73   0.18910
         652686.65   4184445.98   0.18934   652725.62
4184431.23   0.18928
         652764.59   4184416.48   0.18892   652803.56
4184401.74   0.18829
         652842.53   4184386.99   0.18741   652881.50
4184372.24   0.18638
         652920.47   4184357.49   0.18526   652959.44
4184342.75   0.18412
         652998.41   4184328.00   0.18302   653037.38
4184313.25   0.18202
         653076.35   4184298.50   0.18114   653115.32
4184283.75   0.18027
         653154.29   4184269.01   0.17940   653193.26
4184254.26   0.17847

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653232.23	4184239.51	0.17737	653271.20	4184224.76	0.17602
653310.17	4184210.02	0.17432	653349.14	4184195.27	0.17222
653388.11	4184180.52	0.16968	653427.08	4184165.77	0.16678
653466.05	4184151.03	0.16364	653505.02	4184136.28	0.16040
653543.99	4184121.53	0.15726	653582.96	4184106.78	0.15442
653621.93	4184092.04	0.15205	653660.90	4184077.29	0.15025
653699.87	4184062.54	0.14903	653738.84	4184047.79	0.14831
649847.21	4187727.57	0.19852	649845.39	4187769.33	0.19955
649843.57	4187811.09	0.20087	653669.02	4187987.41	186.22723
653652.19	4188005.90	111.54720	653635.37	4188024.39	74.04454
653617.96	4188041.48	53.16774	653608.64	4188019.11	56.36789
653599.33	4187996.73	56.43097	653631.73	4188060.96	51.52238
653584.52	4188078.97	31.37516	653575.63	4188057.61	33.10577
653566.74	4188036.26	34.48717	653557.84	4188014.90	34.69549
653548.95	4187993.54	33.99781	653598.07	4188097.94	30.48916
653550.66	4188115.44	21.00729	653541.34	4188093.07	21.98169
653532.03	4188070.69	23.00067	653522.71	4188048.32	23.66931
653513.40	4188025.94	23.69460	653504.08	4188003.57	23.37248
653517.13	4188152.74	15.16046	653508.08	4188130.98	15.72835
653499.02	4188109.23	16.33168	653489.96	4188087.47	16.94512
653480.91	4188065.72	17.33799	653471.85	4188043.96	17.39060

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         653462.80    4188022.21       17.25391                       653453.74
4188000.46       16.99342
         653483.35    4188189.41       11.54385                       653474.04
4188167.03       11.92765
         653464.72    4188144.65       12.31146                       653455.41
4188122.28       12.75809
         653446.09    4188099.90       13.14644                       653436.78
4188077.53       13.36508
         653427.46    4188055.15       13.36955                       653418.15
4188032.78       13.27623
         653408.83    4188010.40       13.15582                       653399.52
4187988.02       12.75220
         653449.79    4188226.61        9.11590                       653440.66
4188204.68        9.38517
         653431.54    4188182.75        9.62725                       653422.41
4188160.82        9.91995
         653413.28    4188138.90       10.23359                       653404.15
4188116.97       10.48919
         653395.02    4188095.04       10.64351                       653385.89
4188073.11       10.66484
         653376.77    4188051.18       10.59992                       653367.64
4188029.26       10.55152
         653358.51    4188007.33       10.43169                       653349.38
4187985.40       10.07748
         653382.32    4188300.17        6.16097                       653372.86
4188277.43        6.32270
         653363.39    4188254.69        6.44885                       653353.93
4188231.96        6.59061
         653344.46    4188209.22        6.76912                       653335.00
4188186.48        6.95780
         653325.53    4188163.75        7.11721                       653316.07
4188141.01        7.23619
         653306.60    4188118.27        7.30350                       653297.14
4188095.54        7.29702
         653287.67    4188072.80        7.25080                       653278.21
4188050.06        7.23441
         653268.74    4188027.33        7.21546                       653259.28
4188004.59        7.09203
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 300
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL      ***
                                   INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653249.81	4187981.85	6.83034	653396.16	4188319.82	6.02693
653315.03	4188374.16	4.48823	653305.59	4188351.49	4.59385
653296.16	4188328.82	4.67031	653286.72	4188306.15	4.74290
653277.28	4188283.48	4.83233	653267.84	4188260.81	4.94496
653258.41	4188238.14	5.06549	653248.97	4188215.47	5.17226
653239.53	4188192.80	5.25796	653230.10	4188170.13	5.32711
653220.66	4188147.46	5.36987	653211.22	4188124.79	5.36742
653201.78	4188102.12	5.33296	653192.35	4188079.45	5.31310
653182.91	4188056.78	5.32172	653173.47	4188034.11	5.31170
653164.03	4188011.44	5.23091	653154.60	4187988.77	5.07155
653328.86	4188393.79	4.39835	653247.74	4188448.14	3.44302
653238.32	4188425.52	3.51809	653228.90	4188402.90	3.57131
653219.48	4188380.27	3.61546	653210.06	4188357.65	3.66329
653200.65	4188335.02	3.72497	653191.23	4188312.40	3.80037
653181.81	4188289.77	3.88251	653172.39	4188267.15	3.95788
653162.97	4188244.53	4.01959	653153.55	4188221.90	4.07150
653144.14	4188199.28	4.11677	653134.72	4188176.65	4.14621
653125.30	4188154.03	4.14530	653115.88	4188131.40	4.11894
653106.46	4188108.78	4.09528	653097.05	4188086.16	4.09721
653087.63	4188063.53	4.11171	653078.21		

4188040.91   4.10332
         653068.79   4188018.28   4.04622   653059.37
4187995.66   3.94061
         653049.95   4187973.04   3.80125   653180.44
4188522.12   2.73950
         653171.04   4188499.53   2.79515   653161.63
4188476.94   2.83495
         653152.23   4188454.35   2.86553   653142.82
4188431.76   2.89490
         653133.42   4188409.17   2.93012   653124.01
4188386.58   2.97482
         653114.61   4188363.99   3.02906   653105.21
4188341.40   3.08728
         653095.80   4188318.80   3.14194   653086.40
4188296.21   3.18810
         653076.99   4188273.62   3.22632   653067.59
4188251.03   3.26144
         653058.18   4188228.44   3.29395   653048.78
4188205.85   3.31580
         653039.38   4188183.26   3.31619   653029.97
4188160.67   3.29586
         653020.57   4188138.08   3.27242   653011.16
4188115.49   3.26553
         653001.76   4188092.90   3.27772   652992.35
4188070.31   3.29086
         652982.95   4188047.72   3.28216   652973.55
4188025.12   3.23982
         652964.14   4188002.53   3.16556   652954.74
4187979.94   3.06912
         653113.14   4188596.10   2.24126   653103.75
4188573.53   2.28387
         653094.35   4188550.96   2.31486   653084.96
4188528.40   2.33792
         653075.57   4188505.83   2.35801   653066.17
4188483.27   2.37974
         653056.78   4188460.70   2.40687   653047.39
4188438.14   2.44086
         653037.99   4188415.57   2.48094   653028.60
4188393.01   2.52430
         653019.21   4188370.44   2.56588   653009.81
4188347.88   2.60126

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653000.42	4188325.31	2.63019	652991.02	4188302.75	2.65584
652981.63	4188280.18	2.68172	652972.24	4188257.62	2.70648
652962.84	4188235.05	2.72327	652953.45	4188212.49	2.72431
652944.06	4188189.92	2.70906	652934.66	4188167.36	2.68774
652925.27	4188144.79	2.67578	652915.88	4188122.23	2.68053
652906.48	4188099.66	2.69548	652897.09	4188077.10	2.70579
652887.69	4188054.53	2.69713	652878.30	4188031.96	2.66447
652868.91	4188009.40	2.61021	652859.51	4187986.83	2.54018
652850.12	4187964.27	2.46085	653126.95	4188615.67	2.20565
652944.86	4188780.95	1.47960	652935.42	4188758.28	1.50406
652925.99	4188735.61	1.52277	652916.55	4188712.94	1.53659
652907.11	4188690.27	1.54709	652897.67	4188667.60	1.55634
652888.24	4188644.93	1.56612	652878.80	4188622.26	1.57784
652869.36	4188599.59	1.59237	652859.93	4188576.92	1.61006
652850.49	4188554.25	1.63071	652841.05	4188531.58	1.65344
652831.61	4188508.91	1.67680	652822.18	4188486.23	1.69895
652812.74	4188463.56	1.71811	652803.30	4188440.89	1.73373
652793.86	4188418.22	1.74676	652784.43	4188395.55	1.75930

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         652774.99    4188372.88       1.77308                    652765.55
4188350.21        1.78826
         652756.12    4188327.54       1.80256                    652746.68
4188304.87        1.81183
         652737.24    4188282.20       1.81224                    652727.80
4188259.53        1.80314
         652718.37    4188236.86       1.78844                    652708.93
4188214.19        1.77510
         652699.49    4188191.52       1.76948                    652690.05
4188168.85        1.77381
         652680.62    4188146.18       1.78517                    652671.18
4188123.51        1.79711
         652661.74    4188100.84       1.80299                    652652.31
4188078.17        1.79853
         652642.87    4188055.50       1.78256                    652633.43
4188032.83        1.75627
         652623.99    4188010.16       1.72185                    652614.56
4187987.49        1.68171
         652605.12    4187964.82       1.63810                    652776.59
4188965.81        1.06264
         652767.12    4188943.08       1.07819                    652757.66
4188920.34        1.09058
         652748.19    4188897.60       1.10007                    652738.73
4188874.87        1.10722
         652729.26    4188852.13       1.11278                    652719.80
4188829.40        1.11765
         652710.33    4188806.66       1.12270                    652700.87
4188783.92        1.12868
         652691.40    4188761.19       1.13602                    652681.94
4188738.45        1.14500
         652672.47    4188715.71       1.15559                    652663.01
4188692.98        1.16766
         652653.54    4188670.24       1.18088                    652644.08
4188647.50        1.19482
         652634.61    4188624.77       1.20880                    652625.15
4188602.03        1.22206
         652615.68    4188579.29       1.23374                    652606.22
4188556.56        1.24338
         652596.75    4188533.82       1.25117                    652587.29
4188511.08        1.25799
         652577.82    4188488.35       1.26500                    652568.36
4188465.61        1.27323
         652558.89    4188442.87       1.28290                    652549.43
4188420.14        1.29328
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652539.96	4188397.40	1.30255	652530.50	4188374.67	1.30833
652521.03	4188351.93	1.30857	652511.57	4188329.19	1.30279
652502.10	4188306.46	1.29261	652492.64	4188283.72	1.28145
652483.17	4188260.98	1.27312	652473.71	4188238.25	1.27039
652464.24	4188215.51	1.27389	652454.78	4188192.77	1.28208
652445.31	4188170.04	1.29180	652435.85	4188147.30	1.29963
652426.38	4188124.56	1.30280	652416.92	4188101.83	1.29992
652407.45	4188079.09	1.29084	652397.99	4188056.35	1.27623
652388.52	4188033.62	1.25703	652379.06	4188010.88	1.23425
652369.59	4187988.14	1.20883	652360.13	4187965.41	1.18184
652350.67	4187942.67	1.15431	652608.36	4189150.80	0.80714
652598.96	4189128.22	0.81767	652589.57	4189105.64	0.82634
652580.17	4189083.06	0.83326	652570.77	4189060.49	0.83862
652561.37	4189037.91	0.84273	652551.97	4189015.33	0.84596
652542.57	4188992.76	0.84875	652533.17	4188970.18	0.85155
652523.77	4188947.60	0.85479	652514.38	4188925.02	0.85878
652504.98	4188902.45	0.86367	652495.58		

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4188879.87        0.86954
         652486.18    4188857.29        0.87633                     652476.78
4188834.72        0.88391
         652467.38    4188812.14        0.89214                     652457.98
4188789.56        0.90084
         652448.59    4188766.98        0.90981                     652439.19
4188744.41        0.91878
         652429.79    4188721.83        0.92740                     652420.39
4188699.25        0.93523
         652410.99    4188676.68        0.94192                     652401.59
4188654.10        0.94735
         652392.19    4188631.52        0.95176                     652382.80
4188608.94        0.95569
         652373.40    4188586.37        0.95982                     652364.00
4188563.79        0.96476
         652354.60    4188541.21        0.97083                     652345.20
4188518.64        0.97792
         652335.80    4188496.06        0.98542                     652326.40
4188473.48        0.99221
         652317.00    4188450.90        0.99690                     652307.61
4188428.33        0.99821
         652298.21    4188405.75        0.99554                     652288.81
4188383.17        0.98928
         652279.41    4188360.59        0.98091                     652270.01
4188338.02        0.97252
         652260.61    4188315.44        0.96622                     652251.21
4188292.86        0.96352
         652241.82    4188270.29        0.96496                     652232.42
4188247.71        0.96994
         652223.02    4188225.13        0.97705                     652213.62
4188202.55        0.98444
         652204.22    4188179.98        0.99030                     652194.82
4188157.40        0.99330
         652185.42    4188134.82        0.99274                     652176.02
4188112.25        0.98852
         652166.63    4188089.67        0.98097                     652157.23
4188067.09        0.97050
         652147.83    4188044.51        0.95759                     652138.43
4188021.94        0.94266
         652129.03    4187999.36        0.92612                     652119.63
4187976.78        0.90849
         652110.23    4187954.21        0.89033                     652100.84
4187931.63        0.87221
         652622.17    4189170.37        0.79865                     652440.09
4189335.67        0.63810
         652430.67    4189313.03        0.64565                     652421.24
4189290.39        0.65201
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652411.82	4189267.75	0.65725	652402.40	4189245.12	0.66144
652392.97	4189222.48	0.66473	652383.55	4189199.84	0.66728
652374.12	4189177.20	0.66929	652364.70	4189154.57	0.67100
652355.28	4189131.93	0.67269	652345.85	4189109.29	0.67460
652336.43	4189086.65	0.67695	652327.00	4189064.01	0.67987
652317.58	4189041.38	0.68344	652308.16	4189018.74	0.68765
652298.73	4188996.10	0.69242	652289.31	4188973.46	0.69767
652279.88	4188950.83	0.70326	652270.46	4188928.19	0.70912
652261.04	4188905.55	0.71515	652251.61	4188882.91	0.72128
652242.19	4188860.27	0.72740	652232.77	4188837.64	0.73330
652223.34	4188815.00	0.73877	652213.92	4188792.36	0.74356
652204.49	4188769.72	0.74750	652195.07	4188747.09	0.75066
652185.65	4188724.45	0.75325	652176.22	4188701.81	0.75568
652166.80	4188679.17	0.75837	652157.37	4188656.53	0.76168
652147.95	4188633.90	0.76583	652138.53	4188611.26	0.77083

652129.10 4188588.62 0.77643 652119.68
4188565.98 0.78210
652110.25 4188543.34 0.78706 652100.83
4188520.71 0.79041
652091.41 4188498.07 0.79135 652081.98
4188475.43 0.78949
652072.56 4188452.79 0.78502 652063.14
4188430.16 0.77873
652053.71 4188407.52 0.77184 652044.29
4188384.88 0.76571
652034.86 4188362.24 0.76152 652025.44
4188339.60 0.76001
652016.02 4188316.97 0.76136 652006.59
4188294.33 0.76516
651997.17 4188271.69 0.77059 651987.74
4188249.05 0.77652
651978.32 4188226.42 0.78185 651968.90
4188203.78 0.78567
651959.47 4188181.14 0.78736 651950.05
4188158.50 0.78671
651940.62 4188135.86 0.78376 651931.20
4188113.23 0.77874
651921.78 4188090.59 0.77191 651912.35
4188067.95 0.76351
651902.93 4188045.31 0.75373 651893.51
4188022.67 0.74277
651884.08 4188000.04 0.73084 651874.66
4187977.40 0.71825
651865.23 4187954.76 0.70535 651855.81
4187932.12 0.69249
652103.56 4189705.43 0.43330 652094.10
4189682.71 0.43761
652084.64 4189659.99 0.44136 652075.18
4189637.27 0.44457
652065.72 4189614.55 0.44728 652056.26
4189591.83 0.44953
652046.80 4189569.11 0.45137 652037.35
4189546.39 0.45284
652027.89 4189523.66 0.45401 652018.43
4189500.94 0.45492
652008.97 4189478.22 0.45567 651999.51
4189455.50 0.45636
651990.05 4189432.78 0.45709 651980.60
4189410.06 0.45799
651971.14 4189387.34 0.45913 651961.68
4189364.62 0.46058
651952.22 4189341.90 0.46237 651942.76
4189319.18 0.46450
651933.30 4189296.46 0.46694 651923.84
4189273.73 0.46965

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651914.39	4189251.01	0.47255	651904.93	4189228.29	0.47557
651895.47	4189205.57	0.47866	651886.01	4189182.85	0.48178
651876.55	4189160.13	0.48491	651867.09	4189137.41	0.48806
651857.63	4189114.69	0.49123	651848.18	4189091.97	0.49441
651838.72	4189069.25	0.49754	651829.26	4189046.53	0.50053
651819.80	4189023.80	0.50326	651810.34	4189001.08	0.50563
651800.88	4188978.36	0.50758	651791.43	4188955.64	0.50916
651781.97	4188932.92	0.51018	651772.51	4188910.20	0.51056
651763.05	4188887.48	0.51148	651753.59	4188864.76	0.51280
651744.13	4188842.04	0.51444	651734.67	4188819.32	0.51657
651725.22	4188796.60	0.51923	651715.76	4188773.87	0.52241
651706.30	4188751.15	0.52589	651696.84	4188728.43	0.52947
651687.38	4188705.71	0.53288	651677.92	4188682.99	0.53574
651668.47	4188660.27	0.53762	651659.01		

4188637.55 0.53818
651649.55 4188614.83 0.53720 651640.09
4188592.11 0.53474
651630.63 4188569.39 0.53107 651621.17
4188546.67 0.52665
651611.71 4188523.94 0.52206 651602.26
4188501.22 0.51794
651592.80 4188478.50 0.51475 651583.34
4188455.78 0.51286
651573.88 4188433.06 0.51255 651564.42
4188410.34 0.51376
651554.96 4188387.62 0.51627 651545.51
4188364.90 0.51966
651536.05 4188342.18 0.52351 651526.59
4188319.46 0.52735
651517.13 4188296.74 0.53072 651507.67
4188274.01 0.53329
651498.21 4188251.29 0.53483 651488.75
4188228.57 0.53520
651479.30 4188205.85 0.53442 651469.84
4188183.13 0.53266
651460.38 4188160.41 0.53009 651450.92
4188137.69 0.52672
651441.46 4188114.97 0.52265 651432.00
4188092.25 0.51793
651422.55 4188069.53 0.51259 651413.09
4188046.81 0.50666
651403.63 4188024.08 0.50019 651394.17
4188001.36 0.49327
651384.71 4187978.64 0.48607 651375.25
4187955.92 0.47875
651365.79 4187933.20 0.47151 651356.34
4187910.48 0.46442
652117.39 4189725.08 0.42985 651767.05
4190075.27 0.31725
651757.62 4190052.61 0.31995 651748.18
4190029.95 0.32234
651738.75 4190007.29 0.32444 651729.32
4189984.63 0.32627
651719.89 4189961.97 0.32784 651710.45
4189939.31 0.32919
651701.02 4189916.65 0.33033 651691.59
4189893.99 0.33128
651682.15 4189871.33 0.33206 651672.72
4189848.67 0.33267
651663.29 4189826.01 0.33313 651653.85
4189803.35 0.33346
651644.42 4189780.69 0.33372 651634.99
4189758.03 0.33395
651625.56 4189735.37 0.33424 651616.12

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651587.82	4189644.74	0.33700	651578.39	4189622.08	0.33820
651568.96	4189599.42	0.33960	651559.53	4189576.76	0.34119
651550.09	4189554.10	0.34295	651540.66	4189531.44	0.34480
651531.23	4189508.78	0.34670	651521.79	4189486.12	0.34861
651512.36	4189463.46	0.35049	651502.93	4189440.80	0.35233
651493.49	4189418.14	0.35413	651484.06	4189395.48	0.35591
651474.63	4189372.82	0.35768	651465.20	4189350.16	0.35947
651455.76	4189327.50	0.36127	651446.33	4189304.84	0.36309
651436.90	4189282.18	0.36488	651427.46	4189259.52	0.36658
651418.03	4189236.86	0.36814	651408.60	4189214.20	0.36949
651399.17	4189191.54	0.37059	651389.73	4189168.88	0.37146
651380.30	4189146.22	0.37211	651370.87	4189123.57	0.37262

651361.43 4189100.91 0.37309 651352.00
4189078.25 0.37359
651342.57 4189055.59 0.37422 651333.13
4189032.93 0.37507
651323.70 4189010.27 0.37618 651314.27
4188987.61 0.37760
651304.84 4188964.95 0.37932 651295.40
4188942.29 0.38135
651285.97 4188919.63 0.38366 651276.54
4188896.97 0.38615
651267.10 4188874.31 0.38870 651257.67
4188851.65 0.39111
651248.24 4188828.99 0.39312 651238.81
4188806.33 0.39451
651229.37 4188783.67 0.39514 651219.94
4188761.01 0.39493
651210.51 4188738.35 0.39371 651201.07
4188715.69 0.39151
651191.64 4188693.03 0.38873 651182.21
4188670.37 0.38555
651172.77 4188647.71 0.38225 651163.34
4188625.05 0.37916
651153.91 4188602.40 0.37655 651144.48
4188579.74 0.37461
651135.04 4188557.08 0.37340 651125.61
4188534.42 0.37313
651116.18 4188511.76 0.37376 651106.74
4188489.10 0.37517
651097.31 4188466.44 0.37717 651087.88
4188443.78 0.37971
651078.45 4188421.12 0.38242 651069.01
4188398.46 0.38508
651059.58 4188375.80 0.38756 651050.15
4188353.14 0.38949
651040.71 4188330.48 0.39085 651031.28
4188307.82 0.39163
651021.85 4188285.16 0.39181 651012.42
4188262.50 0.39145
651002.98 4188239.84 0.39057 650993.55
4188217.18 0.38929
650984.12 4188194.52 0.38755 650974.68
4188171.86 0.38545
650965.25 4188149.20 0.38304 650955.82
4188126.54 0.38033
650946.38 4188103.89 0.37725 650936.95
4188081.23 0.37387
650927.52 4188058.57 0.37008 650918.09
4188035.91 0.36598
650908.65 4188013.25 0.36162 650899.22
4187990.59 0.35711

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651430.52	4190445.04	0.24420	651421.06	4190422.33	0.24603
651411.61	4190399.61	0.24767	651402.15	4190376.90	0.24913
651392.70	4190354.19	0.25042	651383.24	4190331.47	0.25155
651373.78	4190308.76	0.25255	651364.33	4190286.04	0.25345
651354.87	4190263.33	0.25425	651345.42	4190240.61	0.25495
651335.96	4190217.90	0.25554	651326.51	4190195.18	0.25604
651317.05	4190172.47	0.25644	651307.59	4190149.75	0.25675
651298.14	4190127.04	0.25698	651288.68	4190104.32	0.25715
651279.23	4190081.61	0.25728	651269.77	4190058.90	0.25741
651260.31	4190036.18	0.25757	651250.86	4190013.47	0.25780
651241.40	4189990.75	0.25812	651231.95		

4189968.04 0.25855
651222.49 4189945.32 0.25912 651213.04
4189922.61 0.25983
651203.58 4189899.89 0.26067 651194.12
4189877.18 0.26164
651184.67 4189854.46 0.26271 651175.21
4189831.75 0.26388
651165.76 4189809.03 0.26512 651156.30
4189786.32 0.26640
651146.84 4189763.61 0.26769 651137.39
4189740.89 0.26891
651127.93 4189718.18 0.27004 651118.48
4189695.46 0.27126
651109.02 4189672.75 0.27239 651099.57
4189650.03 0.27338
651090.11 4189627.32 0.27441 651080.65
4189604.60 0.27552
651071.20 4189581.89 0.27674 651061.74
4189559.17 0.27782
651052.29 4189536.46 0.27904 651042.83
4189513.74 0.28019
651033.37 4189491.03 0.28137 651023.92
4189468.31 0.28255
651014.46 4189445.60 0.28345 651005.01
4189422.89 0.28416
650995.55 4189400.17 0.28498 650986.09
4189377.46 0.28559
650976.64 4189354.74 0.28604 650967.18
4189332.03 0.28635
650957.73 4189309.31 0.28657 650948.27
4189286.60 0.28676
650938.82 4189263.88 0.28703 650929.36
4189241.17 0.28761
650919.90 4189218.45 0.28812 650910.45
4189195.74 0.28870
650900.99 4189173.02 0.28964 650891.54
4189150.31 0.29075
650882.08 4189127.60 0.29201 650872.62
4189104.88 0.29356
650863.17 4189082.17 0.29466 650853.71
4189059.45 0.29648
650844.26 4189036.74 0.29843 650834.80
4189014.02 0.30044
650825.35 4188991.31 0.30211 650815.89
4188968.59 0.30351
650806.43 4188945.88 0.30449 650796.98
4188923.16 0.30492
650787.52 4188900.45 0.30467 650778.07
4188877.73 0.30367
650768.61 4188855.02 0.30232 650759.15

4188832.31 0.30066
 650749.70 4188809.59 0.29854 650740.24
4188786.88 0.29614
 650730.79 4188764.16 0.29369 650721.33
4188741.45 0.29144
 650711.87 4188718.73 0.28954 650702.42
4188696.02 0.28808
 650692.96 4188673.30 0.28706 650683.51
4188650.59 0.28653

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650674.05	4188627.87	0.28654	650664.60	4188605.16	0.28707
650655.14	4188582.44	0.28807	650645.68	4188559.73	0.28943
650636.23	4188537.02	0.29106	650626.77	4188514.30	0.29282
650617.32	4188491.59	0.29461	650607.86	4188468.87	0.29639
650598.40	4188446.16	0.29809	650588.95	4188423.44	0.29956
650579.49	4188400.73	0.30069	650570.04	4188378.01	0.30145
650560.58	4188355.30	0.30179	650551.13	4188332.58	0.30175
650541.67	4188309.87	0.30138	650532.21	4188287.15	0.30076
650522.76	4188264.44	0.29984	650513.30	4188241.72	0.29871

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         650503.85    4188219.01        0.29740                    650494.39
4188196.30        0.29591
         650484.93    4188173.58        0.29426                    650475.48
4188150.87        0.29244
         650466.02    4188128.15        0.29039                    650456.57
4188105.44        0.28816
         650447.11    4188082.72        0.28573                    650437.65
4188060.01        0.28310
         650428.20    4188037.29        0.28029                    650418.74
4188014.58        0.27730
         650409.29    4187991.86        0.27426                    650399.83
4187969.15        0.27110
         650390.38    4187946.43        0.26777                    650380.92
4187923.72        0.26460
         650371.46    4187901.01        0.26147                    650362.01
4187878.29        0.25859
         650352.55    4187855.58        0.25580                    651094.01
4190814.87        0.19520
         651084.57    4190792.20        0.19651                    651075.14
4190769.53        0.19768
         651065.70    4190746.86        0.19874                    651056.26
4190724.19        0.19968
         651046.82    4190701.52        0.20051                    651037.39
4190678.85        0.20126
         651027.95    4190656.18        0.20193                    651018.51
4190633.51        0.20254
         651009.08    4190610.84        0.20309                    650999.64
4190588.17        0.20358
         650990.20    4190565.50        0.20403                    650980.76
4190542.83        0.20442
         650971.33    4190520.16        0.20475                    650961.89
4190497.49        0.20503
         650952.45    4190474.82        0.20525                    650943.01
4190452.15        0.20540
         650933.58    4190429.48        0.20551                    650924.14
4190406.81        0.20557
         650914.70    4190384.14        0.20562                    650905.27
4190361.47        0.20566
         650895.83    4190338.80        0.20572                    650886.39
4190316.13        0.20584
         650876.95    4190293.46        0.20601                    650867.52
4190270.79        0.20627
         650858.08    4190248.12        0.20662                    650848.64
4190225.45        0.20707
         650839.20    4190202.78        0.20762                    650829.77
4190180.11        0.20825
         650820.33    4190157.44        0.20897                    650810.89
4190134.77        0.20976
         650801.46    4190112.10        0.21061                    650792.02
4190089.43        0.21150
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650669.33	4189794.72	0.22161	650659.90	4189772.05	0.22236
650650.46	4189749.38	0.22314	650641.02	4189726.71	0.22395
650631.58	4189704.04	0.22464	650622.15	4189681.37	0.22512
650612.71	4189658.70	0.22579	650603.27	4189636.03	0.22669
650593.83	4189613.36	0.22717	650584.40	4189590.69	0.22757
650574.96	4189568.02	0.22785	650565.52	4189545.35	0.22794
650556.09	4189522.68	0.22809	650546.65	4189500.01	0.22815
650537.21	4189477.34	0.22830	650527.77		

4189454.67 0.22850
650518.34 4189432.00 0.22875 650508.90
4189409.33 0.22908
650499.46 4189386.66 0.22951 650490.02
4189363.99 0.23004
650480.59 4189341.32 0.23069 650471.15
4189318.65 0.23146
650461.71 4189295.98 0.23237 650452.28
4189273.31 0.23341
650442.84 4189250.64 0.23459 650433.40
4189227.97 0.23591
650423.96 4189205.30 0.23724 650414.53
4189182.63 0.23862
650405.09 4189159.96 0.23997 650395.65
4189137.29 0.24120
650386.21 4189114.62 0.24224 650376.78
4189091.95 0.24301
650367.34 4189069.28 0.24344 650357.90
4189046.61 0.24347
650348.47 4189023.94 0.24309 650339.03
4189001.27 0.24229
650329.59 4188978.60 0.24112 650320.15
4188955.93 0.23963
650310.72 4188933.26 0.23791 650301.28
4188910.59 0.23607
650291.84 4188887.92 0.23427 650282.40
4188865.25 0.23240
650272.97 4188842.58 0.23072 650263.53
4188819.91 0.22934
650254.09 4188797.24 0.22831 650244.66
4188774.57 0.22753
650235.22 4188751.90 0.22715 650225.78
4188729.23 0.22717
650216.34 4188706.56 0.22758 650206.91
4188683.89 0.22816
650197.47 4188661.22 0.22909 650188.03
4188638.55 0.23027
650178.59 4188615.88 0.23159 650169.16
4188593.21 0.23310
650159.72 4188570.54 0.23465 650150.28
4188547.87 0.23612
650140.85 4188525.20 0.23744 650131.41
4188502.53 0.23858
650121.97 4188479.86 0.23952 650112.53
4188457.19 0.24017
650103.10 4188434.52 0.24056 650093.66
4188411.85 0.24069
650084.22 4188389.18 0.24064 650074.78
4188366.51 0.24040
650065.35 4188343.84 0.24002 650055.91

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4188321.17        0.23932
         650046.47    4188298.50        0.23849                       650037.03
4188275.83        0.23769
         650027.60    4188253.16        0.23669                       650018.16
4188230.49        0.23566
         650008.72    4188207.82        0.23454                       649999.29
4188185.15        0.23333
         649989.85    4188162.48        0.23201                       649980.41
4188139.81        0.23067
         649970.97    4188117.14        0.22919                       649961.54
4188094.47        0.22744
         649952.10    4188071.80        0.22559                       649942.66
4188049.13        0.22357
         649933.22    4188026.46        0.22144                       649923.79
4188003.79        0.21922
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 309
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL     ***
                                   INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         649914.35    4187981.12        0.21692                       649904.91
4187958.45        0.21449
         649895.48    4187935.78        0.21212                       649886.04
4187913.11        0.20993
         649876.60    4187890.44        0.20773                       649867.16
4187867.77        0.20555
         649857.73    4187845.10        0.20358                       651107.84
4190834.50        0.19415
         653689.92    4187978.71      373.16744                       653699.03
4187987.00      427.89183
         653712.29    4187988.66      527.70330                       653810.49
4187988.66      153.77826
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                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5
, VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         653690.13   4187328.38   3.20862   653710.13
4187328.38   3.16038
         653730.13   4187328.38   3.13495   653750.13
4187328.38   3.14407
         653770.13   4187328.38   3.18552   653790.13
4187328.38   3.25060
         653810.13   4187328.38   3.32932   653830.13
4187328.38   3.41000
         653850.13   4187328.38   3.47980   653870.13
4187328.38   3.53096
         653890.13   4187328.38   3.56566   653910.13
4187328.38   3.59245
         653930.13   4187328.38   3.61828   653950.13
4187328.38   3.64480
         653970.13   4187328.38   3.66847   653990.13
4187328.38   3.68348
         654010.13   4187328.38   3.68275   654030.13
4187328.38   3.66036
         654050.13   4187328.38   3.61407   654070.13
4187328.38   3.54696
         654090.13   4187328.38   3.46664   654110.13
4187328.38   3.38294
         654130.13   4187328.38   3.30517   654150.13
4187328.38   3.23981
         654170.13   4187328.38   3.18934   654190.13

4187328.38 3.15237
654210.13 4187328.38 3.12503 654230.13
4187328.38 3.10275
654250.13 4187328.38 3.08162 654270.13
4187328.38 3.05886
654290.13 4187328.38 3.03267 654310.13
4187328.38 3.00190
654330.13 4187328.38 2.96586 654350.13
4187328.38 2.92448
654370.13 4187328.38 2.87835 654390.13
4187328.38 2.82864
654410.13 4187328.38 2.77674 654430.13
4187328.38 2.72388
654450.13 4187328.38 2.67092 654470.13
4187328.38 2.61826
654490.13 4187328.38 2.56597 653690.13
4187348.38 3.39188
653710.13 4187348.38 3.34042 653730.13
4187348.38 3.31277
653750.13 4187348.38 3.32290 653770.13
4187348.38 3.36874
653790.13 4187348.38 3.44047 653810.13
4187348.38 3.52644
653830.13 4187348.38 3.61292 653850.13
4187348.38 3.68574
653870.13 4187348.38 3.73799 653890.13
4187348.38 3.77381
653910.13 4187348.38 3.80290 653930.13
4187348.38 3.83178
653950.13 4187348.38 3.86024 653970.13
4187348.38 3.88325
653990.13 4187348.38 3.89326 654010.13
4187348.38 3.88278
654030.13 4187348.38 3.84654 654050.13
4187348.38 3.78482
654070.13 4187348.38 3.70391 654090.13
4187348.38 3.61415
654110.13 4187348.38 3.52675 654130.13
4187348.38 3.45061
654150.13 4187348.38 3.39031 654170.13
4187348.38 3.34568
654190.13 4187348.38 3.31306 654210.13
4187348.38 3.28734
654230.13 4187348.38 3.26384 654250.13
4187348.38 3.23908
654270.13 4187348.38 3.21080 654290.13
4187348.38 3.17755
654310.13 4187348.38 3.13851 654330.13
4187348.38 3.09354
654350.13 4187348.38 3.04330 654370.13

4187348.38 2.98908
654390.13 4187348.38 2.93242 654410.13
4187348.38 2.87472
654430.13 4187348.38 2.81690 654450.13
4187348.38 2.75940

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654470.13	4187348.38	2.70229	654490.13	4187348.38	2.64545
653690.13	4187368.38	3.59219	653710.13	4187368.38	3.53721
653730.13	4187368.38	3.50732	653750.13	4187368.38	3.51864
653770.13	4187368.38	3.56948	653790.13	4187368.38	3.64871
653810.13	4187368.38	3.74274	653830.13	4187368.38	3.83531
653850.13	4187368.38	3.91120	653870.13	4187368.38	3.96464
653890.13	4187368.38	4.00215	653910.13	4187368.38	4.03419
653930.13	4187368.38	4.06613	653950.13	4187368.38	4.09590
653970.13	4187368.38	4.11638	653990.13	4187368.38	4.11873
654010.13	4187368.38	4.09509	654030.13	4187368.38	4.04227
654050.13	4187368.38	3.96396	654070.13	4187368.38	3.87004

654090.13 4187368.38 3.77333 654110.13
4187368.38 3.68545
654130.13 4187368.38 3.61368 654150.13
4187368.38 3.55969
654170.13 4187368.38 3.52041 654190.13
4187368.38 3.49035
654210.13 4187368.38 3.46392 654230.13
4187368.38 3.43681
654250.13 4187368.38 3.40616 654270.13
4187368.38 3.37014
654290.13 4187368.38 3.32773 654310.13
4187368.38 3.27874
654330.13 4187368.38 3.22385 654350.13
4187368.38 3.16452
654370.13 4187368.38 3.10249 654390.13
4187368.38 3.03931
654410.13 4187368.38 2.97600 654430.13
4187368.38 2.91302
654450.13 4187368.38 2.85045 654470.13
4187368.38 2.78819
654490.13 4187368.38 2.72617 653690.13
4187388.38 3.81172
653710.13 4187388.38 3.75310 653730.13
4187388.38 3.72066
653750.13 4187388.38 3.73341 653770.13
4187388.38 3.79001
653790.13 4187388.38 3.87788 653810.13
4187388.38 3.98078
653830.13 4187388.38 4.07980 653850.13
4187388.38 4.15874
653870.13 4187388.38 4.21364 653890.13
4187388.38 4.25343
653910.13 4187388.38 4.28905 653930.13
4187388.38 4.32403
653950.13 4187388.38 4.35381 653970.13
4187388.38 4.36926
653990.13 4187388.38 4.36033 654010.13
4187388.38 4.31993
654030.13 4187388.38 4.24814 654050.13
4187388.38 4.15302
654070.13 4187388.38 4.04816 654090.13
4187388.38 3.94796
654110.13 4187388.38 3.86304 654130.13
4187388.38 3.79770
654150.13 4187388.38 3.75007 654170.13
4187388.38 3.71446
654190.13 4187388.38 3.68437 654210.13
4187388.38 3.65447
654230.13 4187388.38 3.62110 654250.13
4187388.38 3.58197

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654430.13	4187388.38	3.01191	654450.13	4187388.38	2.94350
654470.13	4187388.38	2.87539	654490.13	4187388.38	2.80768
653690.13	4187408.38	4.05320	653710.13	4187408.38	3.99065
653730.13	4187408.38	3.95544	653750.13	4187408.38	3.96996
653770.13	4187408.38	4.03323	653790.13	4187408.38	4.13082
653810.13	4187408.38	4.24360	653830.13	4187408.38	4.34941
653850.13	4187408.38	4.43150	653870.13	4187408.38	4.48827
653890.13	4187408.38	4.53114	653910.13	4187408.38	4.57077
653930.13	4187408.38	4.60821	653950.13	4187408.38	4.63611
653970.13	4187408.38	4.64309	653990.13		

4187408.38 4.61855
654010.13 4187408.38 4.55773 654030.13
4187408.38 4.46538
654050.13 4187408.38 4.35464 654070.13
4187408.38 4.24223
654090.13 4187408.38 4.14263 654110.13
4187408.38 4.06371
654130.13 4187408.38 4.00561 654150.13
4187408.38 3.96292
654170.13 4187408.38 3.92822 654190.13
4187408.38 3.89493
654210.13 4187408.38 3.85842 654230.13
4187408.38 3.81575
654250.13 4187408.38 3.76528 654270.13
4187408.38 3.70657
654290.13 4187408.38 3.64045 654310.13
4187408.38 3.56873
654330.13 4187408.38 3.49364 654350.13
4187408.38 3.41712
654370.13 4187408.38 3.34045 654390.13
4187408.38 3.26416
654410.13 4187408.38 3.18835 654430.13
4187408.38 3.11293
654450.13 4187408.38 3.03791 654470.13
4187408.38 2.96343
654490.13 4187408.38 2.88980 653690.13
4187428.38 4.31959
653710.13 4187428.38 4.25288 653730.13
4187428.38 4.21478
653750.13 4187428.38 4.23130 653770.13
4187428.38 4.30232
653790.13 4187428.38 4.41124 653810.13
4187428.38 4.53481
653830.13 4187428.38 4.64778 653850.13
4187428.38 4.73318
653870.13 4187428.38 4.79244 653890.13
4187428.38 4.83925
653910.13 4187428.38 4.88309 653930.13
4187428.38 4.92192
653950.13 4187428.38 4.94493 653970.13
4187428.38 4.93884
653990.13 4187428.38 4.89380 654010.13
4187428.38 4.80936
654030.13 4187428.38 4.69632 654050.13
4187428.38 4.57282
654070.13 4187428.38 4.45740 654090.13
4187428.38 4.36251
654110.13 4187428.38 4.29141 654130.13
4187428.38 4.23965
654150.13 4187428.38 4.19905 654170.13

```
4187428.38        4.16162
         654190.13    4187428.38        4.12143                       654210.13
4187428.38        4.07472
         654230.13    4187428.38        4.01939                       654250.13
4187428.38        3.95480
         654270.13    4187428.38        3.88184                       654290.13
4187428.38        3.80256
         654310.13    4187428.38        3.71949                       654330.13
4187428.38        3.63484
         654350.13    4187428.38        3.55000                       654370.13
4187428.38        3.46560
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                   INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         654390.13    4187428.38        3.38171                       654410.13
4187428.38        3.29829
         654430.13    4187428.38        3.21539                       654450.13
4187428.38        3.13323
         654470.13    4187428.38        3.05216                       654490.13
4187428.38        2.97256
         653690.13    4187448.38        4.61456                       653710.13
4187448.38        4.54356
         653730.13    4187448.38        4.50218                       653750.13
4187448.38        4.52119
         653770.13    4187448.38        4.60136                       653790.13
4187448.38        4.72304
         653810.13    4187448.38        4.85870                       653830.13
4187448.38        4.97922
         653850.13    4187448.38        5.06824                       653870.13
4187448.38        5.13084
```

653890.13 4187448.38 5.18252 653910.13
4187448.38 5.23038
653930.13 4187448.38 5.26841 653950.13
4187448.38 5.28228
653970.13 4187448.38 5.25740 653990.13
4187448.38 5.18697
654010.13 4187448.38 5.07675 654030.13
4187448.38 4.94475
654050.13 4187448.38 4.81307 654070.13
4187448.38 4.69986
654090.13 4187448.38 4.61281 654110.13
4187448.38 4.54944
654130.13 4187448.38 4.50124 654150.13
4187448.38 4.45862
654170.13 4187448.38 4.41408 654190.13
4187448.38 4.36273
654210.13 4187448.38 4.30184 654230.13
4187448.38 4.23052
654250.13 4187448.38 4.14970 654270.13
4187448.38 4.06171
654290.13 4187448.38 3.96945 654310.13
4187448.38 3.87542
654330.13 4187448.38 3.78120 654350.13
4187448.38 3.68744
654370.13 4187448.38 3.59427 654390.13
4187448.38 3.50167
654410.13 4187448.38 3.40975 654430.13
4187448.38 3.31883
654450.13 4187448.38 3.22931 654470.13
4187448.38 3.14159
654490.13 4187448.38 3.05599 653690.13
4187468.38 4.94255
653710.13 4187468.38 4.86697 653730.13
4187468.38 4.82193
653750.13 4187468.38 4.84418 653770.13
4187468.38 4.93492
653790.13 4187468.38 5.07144 653810.13
4187468.38 5.22032
653830.13 4187468.38 5.34893 653850.13
4187468.38 5.44202
653870.13 4187468.38 5.50909 653890.13
4187468.38 5.56636
653910.13 4187468.38 5.61742 653930.13
4187468.38 5.65111
653950.13 4187468.38 5.64984 653970.13
4187468.38 5.59971
653990.13 4187468.38 5.49941 654010.13
4187468.38 5.36328
654030.13 4187468.38 5.21635 654050.13
4187468.38 5.08267

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654350.13	4187468.38	3.82869	654370.13	4187468.38	3.72550
654390.13	4187468.38	3.62323	654410.13	4187468.38	3.52226
654430.13	4187468.38	3.42308	654450.13	4187468.38	3.32611
654470.13	4187468.38	3.23162	654490.13	4187468.38	3.13973
653690.13	4187488.38	5.30857	653710.13	4187488.38	5.22824
653730.13	4187488.38	5.17944	653750.13	4187488.38	5.20535
653770.13	4187488.38	5.30879	653790.13		

4187488.38 5.46232
653810.13 4187488.38 5.62601 653830.13
4187488.38 5.76320
653850.13 4187488.38 5.86120 653870.13
4187488.38 5.93387
653890.13 4187488.38 5.99698 653910.13
4187488.38 6.04914
653930.13 4187488.38 6.07338 653950.13
4187488.38 6.04948
653970.13 4187488.38 5.96720 653990.13
4187488.38 5.83409
654010.13 4187488.38 5.67475 654030.13
4187488.38 5.51932
654050.13 4187488.38 5.38988 654070.13
4187488.38 5.29312
654090.13 4187488.38 5.22223 654110.13
4187488.38 5.16460
654130.13 4187488.38 5.10841 654150.13
4187488.38 5.04536
654170.13 4187488.38 4.97068 654190.13
4187488.38 4.88264
654210.13 4187488.38 4.78218 654230.13
4187488.38 4.67237
654250.13 4187488.38 4.55704 654270.13
4187488.38 4.43948
654290.13 4187488.38 4.32170 654310.13
4187488.38 4.20453
654330.13 4187488.38 4.08815 654350.13
4187488.38 3.97269
654370.13 4187488.38 3.85844 654390.13
4187488.38 3.74591
654410.13 4187488.38 3.63563 654430.13
4187488.38 3.52802
654450.13 4187488.38 3.42334 654470.13
4187488.38 3.32163
654490.13 4187488.38 3.22283 653690.13
4187508.38 5.71912
653710.13 4187508.38 5.63394 653730.13
4187508.38 5.58086
653750.13 4187508.38 5.61153 653770.13
4187508.38 5.72992
653790.13 4187508.38 5.90313 653810.13
4187508.38 6.08315
653830.13 4187508.38 6.22954 653850.13
4187508.38 6.33369
653870.13 4187508.38 6.41348 653890.13
4187508.38 6.48209
653910.13 4187508.38 6.53148 653930.13
4187508.38 6.53844
653950.13 4187508.38 6.48301 653970.13

4187508.38   6.36216
         653990.13   4187508.38   6.19620   654010.13
4187508.38   6.01965
         654030.13   4187508.38   5.86355   654050.13
4187508.38   5.74329
         654070.13   4187508.38   5.65574   654090.13
4187508.38   5.58713
         654110.13   4187508.38   5.52298   654130.13
4187508.38   5.45244
         654150.13   4187508.38   5.36914   654170.13
4187508.38   5.27060
         654190.13   4187508.38   5.15780   654210.13
4187508.38   5.03420
         654230.13   4187508.38   4.90431   654250.13
4187508.38   4.77191
         654270.13   4187508.38   4.63927   654290.13
4187508.38   4.50734

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

653690.13 4187528.38 6.18142 653710.13
4187528.38 6.09154
653730.13 4187528.38 6.03400 653750.13
4187528.38 6.07047
653770.13 4187528.38 6.20687 653790.13
4187528.38 6.40304
653810.13 4187528.38 6.60094 653830.13
4187528.38 6.75776
653850.13 4187528.38 6.86961 653870.13
4187528.38 6.95754
653890.13 4187528.38 7.03007 653910.13
4187528.38 7.07011
653930.13 4187528.38 7.04955 653950.13
4187528.38 6.95275
653970.13 4187528.38 6.78944 653990.13
4187528.38 6.59475
654010.13 4187528.38 6.40947 654030.13
4187528.38 6.26029
654050.13 4187528.38 6.15083 654070.13
4187528.38 6.06784
654090.13 4187528.38 5.99361 654110.13
4187528.38 5.91406
654130.13 4187528.38 5.82062 654150.13
4187528.38 5.70979
654170.13 4187528.38 5.58241 654190.13
4187528.38 5.44254
654210.13 4187528.38 5.29542 654230.13
4187528.38 5.14547
654250.13 4187528.38 4.99530 654270.13
4187528.38 4.84599
654290.13 4187528.38 4.69789 654310.13
4187528.38 4.55136
654330.13 4187528.38 4.40699 654350.13
4187528.38 4.26547
654370.13 4187528.38 4.12742 654390.13
4187528.38 3.99325
654410.13 4187528.38 3.86311 654430.13
4187528.38 3.73697
654450.13 4187528.38 3.61473 654470.13
4187528.38 3.49633
654490.13 4187528.38 3.38179 653690.13
4187548.38 6.70504
653710.13 4187548.38 6.61028 653730.13
4187548.38 6.54823
653750.13 4187548.38 6.59199 653770.13
4187548.38 6.74991
653790.13 4187548.38 6.97268 653810.13
4187548.38 7.19113
653830.13 4187548.38 7.35967 653850.13
4187548.38 7.48091

653870.13 4187548.38 7.57780 653890.13 4187548.38 7.65020
653910.13 4187548.38 7.67090 653930.13 4187548.38 7.61042
653950.13 4187548.38 7.46297 653970.13 4187548.38 7.25739
653990.13 4187548.38 7.04229 654010.13 4187548.38 6.85848
654030.13 4187548.38 6.72073 654050.13 4187548.38 6.61848
654070.13 4187548.38 6.53122 654090.13 4187548.38 6.44068
654110.13 4187548.38 6.33522 654130.13 4187548.38 6.20984
654150.13 4187548.38 6.06517 654170.13 4187548.38 5.90592
654190.13 4187548.38 5.73828 654210.13 4187548.38 5.56743
654230.13 4187548.38 5.39639 654250.13 4187548.38 5.22643
↟ *** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 316
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- - - -

4187548.38 3.97458
654430.13 4187548.38 3.83783 654450.13
4187548.38 3.70571
654470.13 4187548.38 3.57828 654490.13
4187548.38 3.45561
653690.13 4187568.38 7.30132 653710.13
4187568.38 7.20221
653730.13 4187568.38 7.13554 653750.13
4187568.38 7.18831
653770.13 4187568.38 7.37269 653790.13
4187568.38 7.62639
653810.13 4187568.38 7.86767 653830.13
4187568.38 8.05006
653850.13 4187568.38 8.18314 653870.13
4187568.38 8.28804
653890.13 4187568.38 8.35269 653910.13
4187568.38 8.34018
653930.13 4187568.38 8.22516 653950.13
4187568.38 8.02148
653970.13 4187568.38 7.77955 653990.13
4187568.38 7.55604
654010.13 4187568.38 7.38198 654030.13
4187568.38 7.25405
654050.13 4187568.38 7.14970 654070.13
4187568.38 7.04547
654090.13 4187568.38 6.92556 654110.13
4187568.38 6.78281
654130.13 4187568.38 6.61745 654150.13
4187568.38 6.43493
654170.13 4187568.38 6.24263 654190.13
4187568.38 6.04669
654210.13 4187568.38 5.85064 654230.13
4187568.38 5.65597
654250.13 4187568.38 5.46336 654270.13
4187568.38 5.27355
654290.13 4187568.38 5.08748 654310.13
4187568.38 4.90605
654330.13 4187568.38 4.72993 654350.13
4187568.38 4.55942
654370.13 4187568.38 4.39460 654390.13
4187568.38 4.23542
654410.13 4187568.38 4.08187 654430.13
4187568.38 3.93399
654450.13 4187568.38 3.79187 654470.13
4187568.38 3.65559
654490.13 4187568.38 3.52516 653690.13
4187588.38 7.98485
653710.13 4187588.38 7.88184 653730.13
4187588.38 7.81010
653750.13 4187588.38 7.87515 653770.13

4187588.38   8.09116
         653790.13   4187588.38   8.38141   653810.13
4187588.38   8.64912
         653830.13   4187588.38   8.84808   653850.13
4187588.38   8.99482
         653870.13   4187588.38   9.10425   653890.13
4187588.38   9.14824
         653910.13   4187588.38   9.08421   653930.13
4187588.38   8.90129
         653950.13   4187588.38   8.64164   653970.13
4187588.38   8.37573
         653990.13   4187588.38   8.15647   654010.13
4187588.38   7.99409
         654030.13   4187588.38   7.86676   654050.13
4187588.38   7.74517
         654070.13   4187588.38   7.60770   654090.13
4187588.38   7.44401
         654110.13   4187588.38   7.25362   654130.13
4187588.38   7.04291
         654150.13   4187588.38   6.82073   654170.13
4187588.38   6.59439
         654190.13   4187588.38   6.36806   654210.13
4187588.38   6.14355

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654310.13 4187588.38 5.08303 654330.13
4187588.38 4.88928
654350.13 4187588.38 4.70241 654370.13
4187588.38 4.52243
654390.13 4187588.38 4.34939 654410.13
4187588.38 4.18339
654430.13 4187588.38 4.02451 654450.13
4187588.38 3.87276
654470.13 4187588.38 3.72805 654490.13
4187588.38 3.59018
653690.13 4187608.38 8.77312 653710.13
4187608.38 8.66774
653730.13 4187608.38 8.59070 653750.13
4187608.38 8.67114
653770.13 4187608.38 8.92693 653790.13
4187608.38 9.26070
653810.13 4187608.38 9.55823 653830.13
4187608.38 9.77753
653850.13 4187608.38 9.93878 653870.13
4187608.38 10.04437
653890.13 4187608.38 10.04871 653910.13
4187608.38 9.91146
653930.13 4187608.38 9.65202 653950.13
4187608.38 9.34583
653970.13 4187608.38 9.07204 653990.13
4187608.38 8.86395
654010.13 4187608.38 8.70549 654030.13
4187608.38 8.56133
654050.13 4187608.38 8.40216 654070.13
4187608.38 8.21296
654090.13 4187608.38 7.99202 654110.13
4187608.38 7.74678
654130.13 4187608.38 7.48798 654150.13
4187608.38 7.22444
654170.13 4187608.38 6.96112 654190.13
4187608.38 6.70026
654210.13 4187608.38 6.44316 654230.13
4187608.38 6.19113
654250.13 4187608.38 5.94556 654270.13
4187608.38 5.70754
654290.13 4187608.38 5.47769 654310.13
4187608.38 5.25625
654330.13 4187608.38 5.04333 654350.13
4187608.38 4.83898
654370.13 4187608.38 4.64331 654390.13
4187608.38 4.45644
654410.13 4187608.38 4.27836 654430.13
4187608.38 4.10899
654450.13 4187608.38 3.94806 654470.13
4187608.38 3.79519

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         654490.13    4187608.38        3.64996                       653690.13
4187628.38        9.69273
         653710.13    4187628.38        9.58673                       653730.13
4187628.38        9.50416
         653750.13    4187628.38        9.60338                       653770.13
4187628.38        9.90678
         653790.13    4187628.38       10.29259                       653810.13
4187628.38       10.62576
         653830.13    4187628.38       10.86903                       653850.13
4187628.38       11.04327
         653870.13    4187628.38       11.12942                       653890.13
4187628.38       11.06674
         653910.13    4187628.38       10.83588                       653930.13
4187628.38       10.50056
         653950.13    4187628.38       10.16526                       653970.13
4187628.38        9.89731
         653990.13    4187628.38        9.69617                       654010.13
4187628.38        9.52220
         654030.13    4187628.38        9.33573                       654050.13
4187628.38        9.11503
         654070.13    4187628.38        8.85634                       654090.13
4187628.38        8.56832
         654110.13    4187628.38        8.26413                       654130.13
4187628.38        7.95454
         654150.13    4187628.38        7.64555                       654170.13
4187628.38        7.33995
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 318
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654190.13    4187628.38        7.03948                       654210.13
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4187628.38 6.74590
654230.13 4187628.38 6.46083 654250.13
4187628.38 6.18543
654270.13 4187628.38 5.92032 654290.13
4187628.38 5.66579
654310.13 4187628.38 5.42197 654330.13
4187628.38 5.18899
654350.13 4187628.38 4.96701 654370.13
4187628.38 4.75602
654390.13 4187628.38 4.55590 654410.13
4187628.38 4.36635
654430.13 4187628.38 4.18688 654450.13
4187628.38 4.01695
654470.13 4187628.38 3.85597 654490.13
4187628.38 3.70337
653690.13 4187648.38 10.77019 653710.13
4187648.38 10.66667
653730.13 4187648.38 10.58122 653750.13
4187648.38 10.70705
653770.13 4187648.38 11.07024 653790.13
4187648.38 11.51641
653810.13 4187648.38 11.89086 653830.13
4187648.38 12.16237
653850.13 4187648.38 12.34245 653870.13
4187648.38 12.38193
653890.13 4187648.38 12.21929 653910.13
4187648.38 11.88113
653930.13 4187648.38 11.48372 653950.13
4187648.38 11.13968
653970.13 4187648.38 10.87965 653990.13
4187648.38 10.66521
654010.13 4187648.38 10.44377 654030.13
4187648.38 10.18364
654050.13 4187648.38 9.87765 654070.13
4187648.38 9.53594
654090.13 4187648.38 9.17478 654110.13
4187648.38 8.80746
654130.13 4187648.38 8.44137 654150.13
4187648.38 8.08004
654170.13 4187648.38 7.72585 654190.13
4187648.38 7.38103
654210.13 4187648.38 7.04748 654230.13
4187648.38 6.72646
654250.13 4187648.38 6.41861 654270.13
4187648.38 6.12429
654290.13 4187648.38 5.84371 654310.13
4187648.38 5.57705
654330.13 4187648.38 5.32435 654350.13
4187648.38 5.08543
654370.13 4187648.38 4.85989 654390.13

4187648.38   4.64714
         654410.13   4187648.38   4.44644   654430.13
4187648.38   4.25705
         654450.13   4187648.38   4.07821   654470.13
4187648.38   3.90927
         654490.13   4187648.38   3.74964   653690.13
4187668.38   12.03975
         653710.13   4187668.38   11.94436   653730.13
4187668.38   11.85655
         653750.13   4187668.38   12.01778   653770.13
4187668.38   12.46114
         653790.13   4187668.38   12.98721   653810.13
4187668.38   13.41278
         653830.13   4187668.38   13.70880   653850.13
4187668.38   13.87620
         653870.13   4187668.38   13.82884   653890.13
4187668.38   13.53225
         653910.13   4187668.38   13.08734   653930.13
4187668.38   12.65297
         653950.13   4187668.38   12.31229   653970.13
4187668.38   12.04113
         653990.13   4187668.38   11.77383   654010.13
4187668.38   11.46354
         654030.13   4187668.38   11.09749   654050.13
4187668.38   10.68736
         654070.13   4187668.38   10.25362   654090.13
4187668.38   9.81290
         654110.13   4187668.38   9.37444   654130.13
4187668.38   8.94281

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC

- - - -

```
         654290.13    4187688.38        6.15868                      654310.13
4187688.38        5.84926
         654330.13    4187688.38        5.56003                      654350.13
4187688.38        5.28960
         654370.13    4187688.38        5.03661                      654390.13
4187688.38        4.79980
         654410.13    4187688.38        4.57809                      654430.13
4187688.38        4.37046
         654450.13    4187688.38        4.17601                      654470.13
4187688.38        3.99389
         654490.13    4187688.38        3.82331                      653690.13
4187708.38       15.39790
         653710.13    4187708.38       15.34304                      653730.13
4187708.38       15.25266
         653750.13    4187708.38       15.52394                      653770.13
4187708.38       16.19444
         653790.13    4187708.38       16.93800                      653810.13
4187708.38       17.50821
         653830.13    4187708.38       17.84985                      653850.13
4187708.38       17.85016
         653870.13    4187708.38       17.46614                      653890.13
4187708.38       16.85575
         653910.13    4187708.38       16.26935                      653930.13
4187708.38       15.80350
         653950.13    4187708.38       15.38760                      653970.13
4187708.38       14.92581
         653990.13    4187708.38       14.37999                      654010.13
4187708.38       13.76427
         654030.13    4187708.38       13.11242                      654050.13
4187708.38       12.45207
         654070.13    4187708.38       11.79849                      654090.13
4187708.38       11.15984
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654110.13	4187708.38	10.54192	654130.13	4187708.38	9.94933
654150.13	4187708.38	9.38514	654170.13	4187708.38	8.85123
654190.13	4187708.38	8.34854	654210.13	4187708.38	7.87739
654230.13	4187708.38	7.43747	654250.13	4187708.38	7.02782
654270.13	4187708.38	6.64689	654290.13	4187708.38	6.29286
654310.13	4187708.38	5.96371	654330.13	4187708.38	5.65754
654350.13	4187708.38	5.37255	654370.13	4187708.38	5.10720
654390.13	4187708.38	4.86004	654410.13	4187708.38	4.62978
654430.13	4187708.38	4.41522	654450.13	4187708.38	4.21522
654470.13	4187708.38	4.02870	654490.13	4187708.38	3.85466
653690.13	4187728.38	17.65968	653710.13	4187728.38	17.66378
653730.13	4187728.38	17.57517	653750.13	4187728.38	17.93187
653770.13	4187728.38	18.77302	653790.13	4187728.38	19.66723
653810.13	4187728.38	20.32520	653830.13	4187728.38	20.63054
653850.13	4187728.38	20.43352	653870.13	4187728.38	19.80681
653890.13	4187728.38	19.06291	653910.13	4187728.38	18.43550
653930.13	4187728.38	17.89534	653950.13	4187728.38	17.31565
653970.13	4187728.38	16.63205	653990.13	4187728.38	15.85832
654010.13	4187728.38	15.03909	654030.13	4187728.38	14.21109
654050.13	4187728.38	13.39465	654070.13	4187728.38	12.60098
654090.13	4187728.38	11.83810	654110.13	4187728.38	11.11180
654130.13	4187728.38	10.42587	654150.13	4187728.38	9.78234
654170.13	4187728.38	9.18199	654190.13		

4187728.38   8.62449
         654210.13   4187728.38   8.10846   654230.13
4187728.38   7.63170
         654250.13   4187728.38   7.19148   654270.13
4187728.38   6.78491
         654290.13   4187728.38   6.40920   654310.13
4187728.38   6.06178
         654330.13   4187728.38   5.74032   654350.13
4187728.38   5.44275
         654370.13   4187728.38   5.16717   654390.13
4187728.38   4.91184
         654410.13   4187728.38   4.67511   654430.13
4187728.38   4.45549
         654450.13   4187728.38   4.25153   654470.13
4187728.38   4.06192
         654490.13   4187728.38   3.88542   653690.13
4187748.38   20.47793
         653710.13   4187748.38   20.61691   653730.13
4187748.38   20.55185
         653750.13   4187748.38   21.00995   653770.13
4187748.38   22.08262
         653790.13   4187748.38   23.16801   653810.13
4187748.38   23.89659
         653830.13   4187748.38   24.07536   653850.13
4187748.38   23.56278
         653870.13   4187748.38   22.68114   653890.13
4187748.38   21.83225
         653910.13   4187748.38   21.11080   653930.13
4187748.38   20.36522
         653950.13   4187748.38   19.49099   653970.13
4187748.38   18.49835
         653990.13   4187748.38   17.44745   654010.13
4187748.38   16.38861
         654030.13   4187748.38   15.34976   654050.13
4187748.38   14.34670

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654070.13	4187748.38	13.39045	654090.13	4187748.38	12.48855
654110.13	4187748.38	11.64546	654130.13	4187748.38	10.86301
654150.13	4187748.38	10.14095	654170.13	4187748.38	9.47736
654190.13	4187748.38	8.86893	654210.13	4187748.38	8.31148
654230.13	4187748.38	7.80065	654250.13	4187748.38	7.33220
654270.13	4187748.38	6.90227	654290.13	4187748.38	6.50739
654310.13	4187748.38	6.14445	654330.13	4187748.38	5.81061
654350.13	4187748.38	5.50329	654370.13	4187748.38	5.22011
654390.13	4187748.38	4.95888	654410.13	4187748.38	4.71758
654430.13	4187748.38	4.49436	654450.13	4187748.38	4.28753
654470.13	4187748.38	4.09559	654490.13	4187748.38	3.91713
653690.13	4187768.38	24.01327	653710.13	4187768.38	24.40706
653730.13	4187768.38	24.43944	653750.13	4187768.38	25.04520
653770.13	4187768.38	26.42384	653790.13	4187768.38	27.75371
653810.13	4187768.38	28.50687	653830.13	4187768.38	28.37442
653850.13	4187768.38	27.45632	653870.13	4187768.38	26.33085
653890.13	4187768.38	25.33599	653910.13	4187768.38	24.34912
653930.13	4187768.38	23.20235	653950.13	4187768.38	21.89683
653970.13	4187768.38	20.51565	653990.13	4187768.38	19.12997
654010.13	4187768.38	17.77949	654030.13	4187768.38	16.48719
654050.13	4187768.38	15.26839	654070.13	4187768.38	14.13278

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         654090.13    4187768.38       13.08482                      654110.13
4187768.38       12.12499
         654130.13    4187768.38       11.25034                      654150.13
4187768.38       10.45562
         654170.13    4187768.38        9.73429                      654190.13
4187768.38        9.07943
         654210.13    4187768.38        8.48436                      654230.13
4187768.38        7.94307
         654250.13    4187768.38        7.45016                      654270.13
4187768.38        7.00083
         654290.13    4187768.38        6.59076                      654310.13
4187768.38        6.21604
         654330.13    4187768.38        5.87313                      654350.13
4187768.38        5.55884
         654370.13    4187768.38        5.27025                      654390.13
4187768.38        5.00475
         654410.13    4187768.38        4.76001                      654430.13
4187768.38        4.53393
         654450.13    4187768.38        4.32465                      654470.13
4187768.38        4.13052
         654490.13    4187768.38        3.95009                      653690.13
4187788.38       28.53397
         653710.13    4187788.38       29.37387                      653730.13
4187788.38       29.60650
         653750.13    4187788.38       30.50147                      653770.13
4187788.38       32.27170
         653790.13    4187788.38       33.89868                      653810.13
4187788.38       34.53692
         653830.13    4187788.38       33.85257                      653850.13
4187788.38       32.45810
         653870.13    4187788.38       31.05875                      653890.13
4187788.38       29.70362
         653910.13    4187788.38       28.15222                      653930.13
4187788.38       26.38250
         653950.13    4187788.38       24.51306                      653970.13
4187788.38       22.64886
         653990.13    4187788.38       20.84888                      654010.13
4187788.38       19.14718
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 322
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654030.13	4187788.38	17.56531	654050.13	4187788.38	16.11438
654070.13	4187788.38	14.79693	654090.13	4187788.38	13.60873
654110.13	4187788.38	12.54118	654130.13	4187788.38	11.58325
654150.13	4187788.38	10.72341	654170.13	4187788.38	9.95061
654190.13	4187788.38	9.25513	654210.13	4187788.38	8.62821
654230.13	4187788.38	8.06219	654250.13	4187788.38	7.55032
654270.13	4187788.38	7.08652	654290.13	4187788.38	6.66544
654310.13	4187788.38	6.28229	654330.13	4187788.38	5.93283
654350.13	4187788.38	5.61330	654370.13	4187788.38	5.32040
654390.13	4187788.38	5.05124	654410.13	4187788.38	4.80327
654430.13	4187788.38	4.57428	654450.13	4187788.38	4.36232
654470.13	4187788.38	4.16568	654490.13	4187788.38	3.98286
653690.13	4187808.38	34.44513	653710.13	4187808.38	36.05801
653730.13	4187808.38	36.66361	653750.13	4187808.38	38.08555
653770.13	4187808.38	40.52317	653790.13	4187808.38	42.43723
653810.13	4187808.38	42.55404	653830.13	4187808.38	41.05038
653850.13	4187808.38	39.09557	653870.13	4187808.38	37.15502
653890.13	4187808.38	34.97609	653910.13	4187808.38	32.48572
653930.13	4187808.38	29.86239	653950.13	4187808.38	27.26951
653970.13	4187808.38	24.79899	653990.13		

4187808.38   22.50261
         654010.13   4187808.38   20.40898   654030.13
4187808.38   18.52697
         654050.13   4187808.38   16.85117   654070.13
4187808.38   15.36633
         654090.13   4187808.38   14.05294   654110.13
4187808.38   12.89049
         654130.13   4187808.38   11.85992   654150.13
4187808.38   10.94431
         654170.13   4187808.38   10.12903   654190.13
4187808.38   9.40133
         654210.13   4187808.38   8.75021   654230.13
4187808.38   8.16606
         654250.13   4187808.38   7.64046   654270.13
4187808.38   7.16616
         654290.13   4187808.38   6.73681   654310.13
4187808.38   6.34694
         654330.13   4187808.38   5.99182   654350.13
4187808.38   5.66737
         654370.13   4187808.38   5.37008   654390.13
4187808.38   5.09691
         654410.13   4187808.38   4.84523   654430.13
4187808.38   4.61276
         654450.13   4187808.38   4.39753   654470.13
4187808.38   4.19780
         654490.13   4187808.38   4.01207   653690.13
4187828.38   42.28509
         653710.13   4187828.38   45.42744   653730.13
4187828.38   46.73078
         653750.13   4187828.38   49.10808   653770.13
4187828.38   52.62596
         653790.13   4187828.38   54.54012   653810.13
4187828.38   53.53587
         653830.13   4187828.38   50.90475   653850.13
4187828.38   47.99731
         653870.13   4187828.38   44.78413   653890.13
4187828.38   41.10932
         653910.13   4187828.38   37.25772   653930.13
4187828.38   33.50138
         653950.13   4187828.38   29.99168   653970.13
4187828.38   26.80706

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653990.13	4187828.38	23.97772	654010.13	4187828.38	21.49799
654030.13	4187828.38	19.33989	654050.13	4187828.38	17.46565
654070.13	4187828.38	15.83619	654090.13	4187828.38	14.41611
654110.13	4187828.38	13.17448	654130.13	4187828.38	12.08537
654150.13	4187828.38	11.12668	654170.13	4187828.38	10.27966
654190.13	4187828.38	9.52849	654210.13	4187828.38	8.85968
654230.13	4187828.38	8.26183	654250.13	4187828.38	7.72531
654270.13	4187828.38	7.24195	654290.13	4187828.38	6.80483
654310.13	4187828.38	6.40814	654330.13	4187828.38	6.04689
654350.13	4187828.38	5.71685	654370.13	4187828.38	5.41442
654390.13	4187828.38	5.13650	654410.13	4187828.38	4.88044
654430.13	4187828.38	4.64393	654450.13	4187828.38	4.42498
654470.13	4187828.38	4.22183	654490.13	4187828.38	4.03297
653690.13	4187848.38	52.95391	653710.13	4187848.38	58.97881
653730.13	4187848.38	61.94484	653750.13	4187848.38	65.95885
653770.13	4187848.38	70.95915	653790.13	4187848.38	72.23649
653810.13	4187848.38	69.24218	653830.13	4187848.38	64.72624
653850.13	4187848.38	59.66208	653870.13	4187848.38	53.89472

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         653890.13    4187848.38       47.90176                       653910.13
4187848.38       42.17891
         653930.13    4187848.38       36.98790                       653950.13
4187848.38       32.43560
         653970.13    4187848.38       28.52654                       653990.13
4187848.38       25.20413
         654010.13    4187848.38       22.38785                       654030.13
4187848.38       19.99629
         654050.13    4187848.38       17.95729                       654070.13
4187848.38       16.21056
         654090.13    4187848.38       14.70669                       654110.13
4187848.38       13.40529
         654130.13    4187848.38       12.27300                       654150.13
4187848.38       11.28260
         654170.13    4187848.38       10.41169                       654190.13
4187848.38        9.64184
         654210.13    4187848.38        8.95789                       654230.13
4187848.38        8.34736
         654250.13    4187848.38        7.79991                       654270.13
4187848.38        7.30696
         654290.13    4187848.38        6.86133                       654310.13
4187848.38        6.45701
         654330.13    4187848.38        6.08890                       654350.13
4187848.38        5.75270
         654370.13    4187848.38        5.44475                       654390.13
4187848.38        5.16190
         654410.13    4187848.38        4.90143                       654430.13
4187848.38        4.66100
         654450.13    4187848.38        4.43855                       654470.13
4187848.38        4.23232
         654490.13    4187848.38        4.04074                       653690.13
4187868.38       67.90762
         653710.13    4187868.38       79.62568                       653730.13
4187868.38       86.52016
         653750.13    4187868.38       93.83786                       653770.13
4187868.38      100.53212
         653790.13    4187868.38       99.49506                       653810.13
4187868.38       92.63660
         653830.13    4187868.38       83.94032                       653850.13
4187868.38       74.09092
         653870.13    4187868.38       64.02313                       653890.13
4187868.38       54.73883
         653910.13    4187868.38       46.69162                       653930.13
4187868.38       39.96250
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653950.13	4187868.38	34.42921	653970.13	4187868.38	29.89458
653990.13	4187868.38	26.16518	654010.13	4187868.38	23.07786
654030.13	4187868.38	20.50264	654050.13	4187868.38	18.33801
654070.13	4187868.38	16.50426	654090.13	4187868.38	14.93881
654110.13	4187868.38	13.59257	654130.13	4187868.38	12.42641
654150.13	4187868.38	11.40949	654170.13	4187868.38	10.51705
654190.13	4187868.38	9.72932	654210.13	4187868.38	9.03023
654230.13	4187868.38	8.40675	654250.13	4187868.38	7.84812
654270.13	4187868.38	7.34553	654290.13	4187868.38	6.89157
654310.13	4187868.38	6.48008	654330.13	4187868.38	6.10580
654350.13	4187868.38	5.76433	654370.13	4187868.38	5.45188
654390.13	4187868.38	5.16520	654410.13	4187868.38	4.90149
654430.13	4187868.38	4.65833	654450.13	4187868.38	4.43361
654470.13	4187868.38	4.22548	654490.13	4187868.38	4.03233
653690.13	4187888.38	89.77723	653830.13	4187888.38	108.91602
653850.13	4187888.38	90.12447	653870.13	4187888.38	73.80927
653890.13	4187888.38	60.62624	653910.13		

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4187888.38       50.29630
         653930.13    4187888.38       42.24412                       653950.13
4187888.38       35.92255
         653970.13    4187888.38       30.90156                       653990.13
4187888.38       26.86352
         654010.13    4187888.38       23.57560                       654030.13
4187888.38       20.86686
         654050.13    4187888.38       18.61025                       654070.13
4187888.38       16.71070
         654090.13    4187888.38       15.09651                       654110.13
4187888.38       13.71283
         654130.13    4187888.38       12.51723                       654150.13
4187888.38       11.47677
         654170.13    4187888.38       10.56536                       654190.13
4187888.38        9.76222
         654210.13    4187888.38        9.05061                       654230.13
4187888.38        8.41700
         654250.13    4187888.38        7.85023                       654270.13
4187888.38        7.34109
         654290.13    4187888.38        6.88193                       654310.13
4187888.38        6.46633
         654330.13    4187888.38        6.08887                       654350.13
4187888.38        5.74495
         654370.13    4187888.38        5.43067                       654390.13
4187888.38        5.14266
         654410.13    4187888.38        4.87804                       654430.13
4187888.38        4.63429
         654450.13    4187888.38        4.40926                       654470.13
4187888.38        4.20103
         654490.13    4187888.38        4.00795                       653690.13
4187908.38      124.18080
         653830.13    4187908.38      136.41658                       653850.13
4187908.38      104.58234
         653870.13    4187908.38       81.48969                       653890.13
4187908.38       64.89942
         653910.13    4187908.38       52.79154                       653930.13
4187908.38       43.75852
         653950.13    4187908.38       36.86993                       653970.13
4187908.38       31.50869
         653990.13    4187908.38       27.25849                       654010.13
4187908.38       23.83303
         654030.13    4187908.38       21.03154                       654050.13
4187908.38       18.71040
         654070.13    4187908.38       16.76509                       654090.13
4187908.38       15.11789
         654110.13    4187908.38       13.71038                       654130.13
4187908.38       12.49758
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654150.13	4187908.38	11.44486	654170.13	4187908.38	10.52489
654190.13	4187908.38	9.71595	654210.13	4187908.38	9.00071
654230.13	4187908.38	8.36495	654250.13	4187908.38	7.79723
654270.13	4187908.38	7.28801	654290.13	4187908.38	6.82940
654310.13	4187908.38	6.41480	654330.13	4187908.38	6.03865
654350.13	4187908.38	5.69627	654370.13	4187908.38	5.38365
654390.13	4187908.38	5.09739	654410.13	4187908.38	4.83455
654430.13	4187908.38	4.59259	654450.13	4187908.38	4.36931
654470.13	4187908.38	4.16280	654490.13	4187908.38	3.97139
653690.13	4187928.38	184.67792	653830.13	4187928.38	158.17841
653850.13	4187928.38	114.10854	653870.13	4187928.38	85.95615
653890.13	4187928.38	67.07389	653910.13	4187928.38	53.85156
653930.13	4187928.38	44.24861	653950.13	4187928.38	37.05673
653970.13	4187928.38	31.52938	653990.13	4187928.38	27.18700
654010.13	4187928.38	23.71114	654030.13	4187928.38	20.88365

654050.13 4187928.38 18.55116 654070.13
4187928.38 16.60317
654090.13 4187928.38 14.95876 654110.13
4187928.38 13.55694
654130.13 4187928.38 12.35168 654150.13
4187928.38 11.30724
654170.13 4187928.38 10.39588 654190.13
4187928.38 9.59546
654210.13 4187928.38 8.88841 654230.13
4187928.38 8.26048
654250.13 4187928.38 7.70009 654270.13
4187928.38 7.19771
654290.13 4187928.38 6.74543 654310.13
4187928.38 6.33666
654330.13 4187928.38 5.96590 654350.13
4187928.38 5.62848
654370.13 4187928.38 5.32042 654390.13
4187928.38 5.03835
654410.13 4187928.38 4.77936 654430.13
4187928.38 4.54093
654450.13 4187928.38 4.32090 654470.13
4187928.38 4.11738
654490.13 4187928.38 3.92872 653690.13
4187948.38 298.96432
653830.13 4187948.38 165.36827 653850.13
4187948.38 115.49093
653870.13 4187948.38 85.57558 653890.13
4187948.38 66.19480
653910.13 4187948.38 52.89475 653930.13
4187948.38 43.35162
653950.13 4187948.38 36.25803 653970.13
4187948.38 30.83293
653990.13 4187948.38 26.58450 654010.13
4187948.38 23.19066
654030.13 4187948.38 20.43340 654050.13
4187948.38 18.16049
654070.13 4187948.38 16.26304 654090.13
4187948.38 14.66120
654110.13 4187948.38 13.29559 654130.13
4187948.38 12.12113
654150.13 4187948.38 11.10307 654170.13
4187948.38 10.21420
654190.13 4187948.38 9.43322 654210.13
4187948.38 8.74296
654230.13 4187948.38 8.12960 654250.13
4187948.38 7.58190
654270.13 4187948.38 7.09063 654290.13
4187948.38 6.64811
654310.13 4187948.38 6.24796 654330.13
4187948.38 5.88481

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                      INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4187968.38 9.25346
654210.13 4187968.38 8.58447 654230.13
4187968.38 7.98913
654250.13 4187968.38 7.45680 654270.13
4187968.38 6.97869
654290.13 4187968.38 6.54754 654310.13
4187968.38 6.15722
654330.13 4187968.38 5.80266 654350.13
4187968.38 5.47950
654370.13 4187968.38 5.18408 654390.13
4187968.38 4.91322
654410.13 4187968.38 4.66421 654430.13
4187968.38 4.43471
654450.13 4187968.38 4.22269 654470.13
4187968.38 4.02636
654490.13 4187968.38 3.84421 653690.13
4187988.38 328.52516
653830.13 4187988.38 115.17375 653850.13
4187988.38 87.24247
653870.13 4187988.38 68.25200 653890.13
4187988.38 54.87040
653910.13 4187988.38 45.11819 653930.13
4187988.38 37.79785
653950.13 4187988.38 32.16343 653970.13
4187988.38 27.73254
653990.13 4187988.38 24.18367 654010.13
4187988.38 21.29579
654030.13 4187988.38 18.91307 654050.13
4187988.38 16.92296
654070.13 4187988.38 15.24272 654090.13
4187988.38 13.81045
654110.13 4187988.38 12.57902 654130.13
4187988.38 11.51207
654150.13 4187988.38 10.58107 654170.13
4187988.38 9.76355
654190.13 4187988.38 9.04147 654210.13
4187988.38 8.40025
654230.13 4187988.38 7.82809 654250.13
4187988.38 7.31524
654270.13 4187988.38 6.85361 654290.13
4187988.38 6.43646
654310.13 4187988.38 6.05816 654330.13
4187988.38 5.71393
654350.13 4187988.38 5.39972 654370.13
4187988.38 5.11206
654390.13 4187988.38 4.84800 654410.13
4187988.38 4.60495
654430.13 4187988.38 4.38070 654450.13
4187988.38 4.17333
654470.13 4187988.38 3.98112 654490.13

4187988.38   3.80263
         653655.14   4187974.84   149.63482   653791.22
4188024.71   79.41015

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
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         653683.67    4188032.40      113.82953                    653706.08
4188038.27       99.56722
         653679.42    4188056.68       69.60363                    653658.84
4188047.21       75.23109
         653702.97    4188063.08       58.66283                    653675.63
4188081.17       46.02635
         653653.68    4188071.07       52.51458                    653699.87
4188087.89       38.79451
         653668.64    4188130.42       24.18685                    653645.12
4188119.60       28.16783
         653621.60    4188108.77       30.89228                    653693.66
4188137.50       20.84650
         653663.21    4188180.40       14.80703                    653641.26
4188170.29       16.89942
         653619.30    4188160.19       18.77886                    653597.35
4188150.08       20.26343
         653575.40    4188139.97       20.81105                    653687.45
4188187.11       13.17178
         653656.54    4188229.80       10.11757                    653633.67
4188219.27       11.43231
         653610.81    4188208.75       12.67845                    653587.94
4188198.22       13.77539
         653565.07    4188187.69       14.66155                    653542.20
4188177.17       14.99959
         653681.24    4188236.72        9.16705                    653650.00
4188279.26        7.39093
         653626.48    4188268.43        8.25844                    653602.96
4188257.61        9.12654
         653579.44    4188246.78        9.90656                    653555.92
4188235.95       10.60557
         653532.40    4188225.12       11.18089                    653508.88
4188214.30       11.40408
         653675.02    4188286.34        6.79903                    653643.55
4188328.76        5.66067
         653619.54    4188317.71        6.25620                    653595.53
4188306.66        6.87995
         653571.52    4188295.60        7.46389                    653547.50
4188284.55        7.97917
         653523.49    4188273.50        8.45937                    653499.48
4188262.44        8.85571
         653475.47    4188251.39        9.00878                    653668.81
4188335.95        5.27274
         653631.37    4188428.10        3.65974                    653607.85
4188417.27        3.95320
         653584.33    4188406.45        4.27622                    653560.81
4188395.62        4.60543
         653537.29    4188384.79        4.92010                    653513.77
4188373.96        5.19777
         653490.25    4188363.13        5.45138                    653466.73
4188352.31        5.70432
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653546.19	4188493.83	3.15966	653522.04	4188482.72	3.36471
653497.90	4188471.60	3.56124	653473.75	4188460.48	3.73339
653449.60	4188449.37	3.88689	653425.45	4188438.25	4.04245
653401.30	4188427.13	4.20183	653377.16	4188416.02	4.34073
653353.01	4188404.90	4.42449	653643.97	4188534.40	2.49580
653606.40	4188626.49	1.95006	653582.61	4188615.54	2.05273
653558.83	4188604.60	2.17356	653535.05	4188593.65	2.29966
653511.27	4188582.70	2.42810	653487.49	4188571.75	2.56100
653463.70	4188560.80	2.69141	653439.92	4188549.86	2.80756
653416.14	4188538.91	2.90759	653392.36	4188527.96	3.00276
653368.58	4188517.01	3.10397	653344.79		

4188506.06 3.20977
653321.01 4188495.12 3.30658 653297.23
4188484.17 3.37708
653273.45 4188473.22 3.40454 653631.55
4188633.63 1.89407
653593.76 4188725.62 1.53082 653569.55
4188714.47 1.59910
653545.33 4188703.33 1.68271 653521.12
4188692.18 1.77116
653496.91 4188681.03 1.85938 653472.70
4188669.89 1.94988
653448.48 4188658.74 2.04474 653424.27
4188647.60 2.13809
653400.06 4188636.45 2.22080 653375.85
4188625.30 2.29112
653351.63 4188614.16 2.35599 653327.42
4188603.01 2.42431
653303.21 4188591.86 2.49891 653279.00
4188580.72 2.57475
653254.78 4188569.57 2.64256 653230.57
4188558.43 2.69111
653206.36 4188547.28 2.71061 653619.13
4188732.85 1.49608
653581.48 4188824.91 1.23918 653557.56
4188813.90 1.28462
653533.64 4188802.88 1.34249 653509.71
4188791.87 1.40574
653485.79 4188780.86 1.46865 653461.87
4188769.85 1.53072
653437.95 4188758.83 1.59527 653414.02
4188747.82 1.66379
653390.10 4188736.81 1.73257 653366.18
4188725.80 1.79484
653342.25 4188714.78 1.84735 653318.33
4188703.77 1.89329
653294.41 4188692.76 1.93873 653270.49
4188681.74 1.98854
653246.56 4188670.73 2.04290 653222.64
4188659.72 2.09863
653198.72 4188648.71 2.15009 653174.79
4188637.69 2.19108
653150.87 4188626.68 2.21499 653606.70
4188832.08 1.21734
653550.32 4189072.92 0.80442 653526.17
4189061.81 0.82391
653502.02 4189050.69 0.85089 653477.87
4189039.57 0.88305
653453.72 4189028.46 0.91684 653429.58
4189017.34 0.94946
653405.43 4189006.22 0.98030 653381.28

4188995.11 1.01083
653357.13 4188983.99 1.04343 653332.98
4188972.87 1.07919
653308.84 4188961.76 1.11684 653284.69
4188950.64 1.15332
653260.54 4188939.53 1.18545 653236.39
4188928.41 1.21214
653212.24 4188917.29 1.23478 653188.10
4188906.18 1.25618

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653163.95	4188895.06	1.27911	653139.80	4188883.94	1.30482
653115.65	4188872.83	1.33321	653091.50	4188861.71	1.36311
653067.36	4188850.59	1.39288	653043.21	4188839.48	1.42048
653019.06	4188828.36	1.44362	652994.91	4188817.24	1.45983
652970.76	4188806.13	1.46676	653575.65	4189080.14	0.79670
653519.38	4189321.04	0.57220	653495.48	4189310.04	0.58128
653471.58	4189299.04	0.59476	653447.68	4189288.04	0.61214
653423.78	4189277.03	0.63196	653399.88	4189266.03	0.65230
653375.98	4189255.03	0.67170	653352.08	4189244.03	0.68953

653328.18 4189233.02 0.70626 653304.28
4189222.02 0.72303
653280.38 4189211.02 0.74114 653256.48
4189200.02 0.76137
653232.58 4189189.02 0.78355 653208.68
4189178.01 0.80647
653184.78 4189167.01 0.82832 653160.88
4189156.01 0.84757
653136.98 4189145.01 0.86360 653113.08
4189134.00 0.87688
653089.18 4189123.00 0.88871 653065.28
4189112.00 0.90048
653041.38 4189101.00 0.91330 653017.48
4189089.99 0.92772
652993.58 4189078.99 0.94372 652969.68
4189067.99 0.96091
652945.78 4189056.99 0.97872 652921.88
4189045.99 0.99651
652897.98 4189034.98 1.01353 652874.08
4189023.98 1.02887
652850.18 4189012.98 1.04160 652826.28
4189001.98 1.05049
652802.38 4188990.97 1.05461 653544.59
4189328.20 0.56952
653488.25 4189569.07 0.43223 653464.19
4189558.00 0.43684
653440.14 4189546.92 0.44420 653416.08
4189535.85 0.45434
653392.02 4189524.77 0.46669 653367.96
4189513.70 0.48022
653343.90 4189502.62 0.49385 653319.85
4189491.55 0.50669
653295.79 4189480.47 0.51833 653271.73
4189469.40 0.52888
653247.67 4189458.32 0.53893 653223.62
4189447.25 0.54926
653199.56 4189436.17 0.56066 653175.50
4189425.10 0.57356
653151.44 4189414.02 0.58796 653127.38
4189402.95 0.60330
653103.33 4189391.87 0.61861 653079.27
4189380.80 0.63283
653055.21 4189369.72 0.64517 653031.15
4189358.65 0.65534
653007.10 4189347.57 0.66371 652983.04
4189336.50 0.67099
652958.98 4189325.42 0.67801 652934.92
4189314.35 0.68548
652910.86 4189303.27 0.69381 652886.81
4189292.20 0.70316

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653432.96	4189805.98	0.34296	653408.79	4189794.85	0.34712
653384.62	4189783.72	0.35324	653360.44	4189772.59	0.36114
653336.27	4189761.47	0.37031	653312.09	4189750.34	0.38009
653287.92	4189739.21	0.38978	653263.75	4189728.08	0.39884
653239.57	4189716.95	0.40699	653215.40	4189705.82	0.41425
653191.22	4189694.69	0.42087	653167.05	4189683.57	0.42733
653142.87	4189672.44	0.43416	653118.70	4189661.31	0.44179
653094.53	4189650.18	0.45052	653070.35		

4189639.05 0.46037
653046.18 4189627.92 0.47107 653022.00
4189616.80 0.48209
652997.83 4189605.67 0.49279 652973.66
4189594.54 0.50252
652949.48 4189583.41 0.51088 652925.31
4189572.28 0.51775
652901.13 4189561.15 0.52336 652876.96
4189550.02 0.52818
652852.79 4189538.90 0.53269 652828.61
4189527.77 0.53738
652804.44 4189516.64 0.54257 652780.26
4189505.51 0.54840
652756.09 4189494.38 0.55490 652731.91
4189483.25 0.56201
652707.74 4189472.13 0.56956 652683.57
4189461.00 0.57743
652659.39 4189449.87 0.58548 652635.22
4189438.74 0.59358
652611.04 4189427.61 0.60158 652586.87
4189416.48 0.60933
652562.70 4189405.36 0.61660 652538.52
4189394.23 0.62313
652514.35 4189383.10 0.62853 652490.17
4189371.97 0.63240
652466.00 4189360.84 0.63439 653482.48
4189824.33 0.34071
653395.06 4190313.25 0.23060 653370.96
4190302.15 0.23115
653346.85 4190291.06 0.23249 653322.74
4190279.96 0.23479
653298.63 4190268.86 0.23812 653274.53
4190257.76 0.24239
653250.42 4190246.67 0.24741 653226.31
4190235.57 0.25290
653202.21 4190224.47 0.25855 653178.10
4190213.37 0.26406
653153.99 4190202.27 0.26921 653129.89
4190191.18 0.27384
653105.78 4190180.08 0.27790 653081.67
4190168.98 0.28146
653057.56 4190157.88 0.28465 653033.46
4190146.79 0.28766
653009.35 4190135.69 0.29072 652985.24
4190124.59 0.29406
652961.14 4190113.49 0.29786 652937.03
4190102.40 0.30224
652912.92 4190091.30 0.30725 652888.82
4190080.20 0.31284
652864.71 4190069.10 0.31888 652840.60

4190058.01   0.32512
         652816.50   4190046.91   0.33129   652792.39
4190035.81   0.33711
         652768.28   4190024.71   0.34236   652744.17
4190013.62   0.34685
         652720.07   4190002.52   0.35059   652695.96
4189991.42   0.35364
         652671.85   4189980.32   0.35618   652647.75
4189969.23   0.35843
         652623.64   4189958.13   0.36060   652599.53
4189947.03   0.36288
         652575.43   4189935.93   0.36538   652551.32
4189924.84   0.36817
         652527.21   4189913.74   0.37130   652503.11
4189902.64   0.37474

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652189.72 4189758.37 0.42677 652165.61
4189747.28 0.42923
652141.50 4189736.18 0.43086 653420.38
4190320.46 0.23125
653332.88 4190809.34 0.16884 653308.63
4190798.18 0.16882
653284.38 4190787.02 0.16919 653260.13
4190775.85 0.17008
653235.88 4190764.69 0.17155 653211.63
4190753.53 0.17363
653187.38 4190742.36 0.17627 653163.13
4190731.20 0.17938
653138.88 4190720.04 0.18282 653114.63
4190708.87 0.18643
653090.38 4190697.71 0.19006 653066.13
4190686.55 0.19356
653041.88 4190675.38 0.19684 653017.63
4190664.22 0.19979
652993.38 4190653.06 0.20239 652969.13
4190641.89 0.20464
652944.88 4190630.73 0.20660 652920.63
4190619.57 0.20833
652896.38 4190608.40 0.20995 652872.13
4190597.24 0.21157
652847.88 4190586.08 0.21331 652823.63
4190574.91 0.21525
652799.38 4190563.75 0.21749 652775.13
4190552.59 0.22008
652750.88 4190541.42 0.22304 652726.63
4190530.26 0.22637
652702.38 4190519.10 0.23002 652678.13
4190507.93 0.23389
652653.88 4190496.77 0.23787 652629.63
4190485.61 0.24183
652605.38 4190474.44 0.24561 652581.13
4190463.28 0.24909
652556.88 4190452.12 0.25218 652532.63
4190440.95 0.25481
652508.38 4190429.79 0.25699 652484.13
4190418.63 0.25878
652459.88 4190407.46 0.26027 652435.63
4190396.30 0.26156
652411.38 4190385.14 0.26276 652387.13
4190373.97 0.26398
652362.88 4190362.81 0.26528 652338.63
4190351.64 0.26673
652314.38 4190340.48 0.26834 652290.13
4190329.32 0.27015
652265.88 4190318.15 0.27213 652241.63
4190306.99 0.27427

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         652217.38    4190295.83        0.27654                      652193.13
4190284.66        0.27890
         652168.88    4190273.50        0.28133                      652144.63
4190262.34        0.28380
         652120.38    4190251.17        0.28631                      652096.13
4190240.01        0.28884
         652071.88    4190228.85        0.29140                      652047.63
4190217.68        0.29399
         652023.38    4190206.52        0.29658                      651999.13
4190195.36        0.29918
         651974.88    4190184.19        0.30177                      651950.63
4190173.03        0.30431
         651926.38    4190161.87        0.30680                      651902.13
4190150.70        0.30916
         651877.88    4190139.54        0.31134                      651853.63
4190128.38        0.31324
         651829.38    4190117.21        0.31476                      651805.13
4190106.05        0.31579
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 332
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653358.27    4190816.59        0.16952                      653270.80
4191305.49        0.13027
         653246.61    4191294.35        0.13006                      653222.42
4191283.21        0.13006
         653198.23    4191272.08        0.13035                      653174.04
4191260.94        0.13098
         653149.84    4191249.80        0.13199                      653125.65
4191238.67        0.13338
         653101.46    4191227.53        0.13513                      653077.27
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4191216.39 0.13719
653053.08 4191205.26 0.13949 653028.89
4191194.12 0.14195
653004.70 4191182.99 0.14447 652980.51
4191171.85 0.14697
652956.31 4191160.71 0.14938 652932.12
4191149.58 0.15163
652907.93 4191138.44 0.15368 652883.74
4191127.30 0.15549
652859.55 4191116.17 0.15707 652835.36
4191105.03 0.15843
652811.17 4191093.89 0.15960 652786.98
4191082.76 0.16062
652762.78 4191071.62 0.16156 652738.59
4191060.49 0.16247
652714.40 4191049.35 0.16342 652690.21
4191038.21 0.16447
652666.02 4191027.08 0.16567 652641.83
4191015.94 0.16705
652617.64 4191004.80 0.16866 652593.44
4190993.67 0.17051
652569.25 4190982.53 0.17259 652545.06
4190971.40 0.17488
652520.87 4190960.26 0.17737 652496.68
4190949.12 0.17999
652472.49 4190937.99 0.18268 652448.30
4190926.85 0.18538
652424.11 4190915.71 0.18801 652399.91
4190904.58 0.19049
652375.72 4190893.44 0.19275 652351.53
4190882.30 0.19476
652327.34 4190871.17 0.19648 652303.15
4190860.03 0.19793
652278.96 4190848.90 0.19912 652254.77
4190837.76 0.20011
652230.58 4190826.62 0.20095 652206.38
4190815.49 0.20170
652182.19 4190804.35 0.20242 652158.00
4190793.21 0.20317
652133.81 4190782.08 0.20396 652109.62
4190770.94 0.20484
652085.43 4190759.80 0.20583 652061.24
4190748.67 0.20692
652037.04 4190737.53 0.20812 652012.85
4190726.40 0.20944
651988.66 4190715.26 0.21084 651964.47
4190704.12 0.21232
651940.28 4190692.99 0.21385 651916.09
4190681.85 0.21541
651891.90 4190670.71 0.21699 651867.71

4190659.58   0.21857
         651843.51   4190648.44   0.22017   651819.32
4190637.30   0.22178
         651795.13   4190626.17   0.22340   651770.94
4190615.03   0.22504
         651746.75   4190603.90   0.22669   651722.56
4190592.76   0.22835
         651698.37   4190581.62   0.23002   651674.18
4190570.49   0.23169
         651649.98   4190559.35   0.23336   651625.79
4190548.21   0.23502
         651601.60   4190537.08   0.23664   651577.41
4190525.94   0.23821
         651553.22   4190514.80   0.23968   651529.03
4190503.67   0.24101
         651504.84   4190492.53   0.24213   651480.65
4190481.40   0.24297
         651456.45   4190470.26   0.24351   653296.16
4191312.71   0.13087
         653208.71   4191801.62   0.10433   653184.57
4191790.51   0.10407

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

653015.53 4191712.69 0.10762 652991.38 4191701.58 0.10907
652967.23 4191690.46 0.11069 652943.09 4191679.34 0.11243
652918.94 4191668.23 0.11425 652894.79 4191657.11 0.11610
652870.64 4191645.99 0.11791 652846.49 4191634.88 0.11965
652822.35 4191623.76 0.12128 652798.20 4191612.64 0.12278
652774.05 4191601.53 0.12412 652749.90 4191590.41 0.12530
652725.75 4191579.29 0.12632 652701.61 4191568.18 0.12719
652677.46 4191557.06 0.12794 652653.31 4191545.95 0.12858
652629.16 4191534.83 0.12917 652605.01 4191523.71 0.12972
652580.87 4191512.60 0.13028 652556.72 4191501.48 0.13089
652532.57 4191490.36 0.13157 652508.42 4191479.25 0.13236
652484.27 4191468.13 0.13328 652460.13 4191457.01 0.13434
652435.98 4191445.90 0.13556 652411.83 4191434.78 0.13694
652387.68 4191423.67 0.13847 652363.53 4191412.55 0.14014
652339.39 4191401.43 0.14192 652315.24 4191390.32 0.14379
652291.09 4191379.20 0.14572 652266.94 4191368.08 0.14765
652242.79 4191356.97 0.14955 652218.65 4191345.85 0.15138
652194.50 4191334.73 0.15309 652170.35 4191323.62 0.15464
652146.20 4191312.50 0.15603 652122.05 4191301.38 0.15722
652097.91 4191290.27 0.15824 652073.76 4191279.15 0.15908
652049.61 4191268.04 0.15978 652025.46 4191256.92 0.16037
652001.31 4191245.80 0.16089 651977.17 4191234.69 0.16136
651953.02 4191223.57 0.16183 651928.87 4191212.45 0.16232
651904.72 4191201.34 0.16284 651880.57 4191190.22 0.16342
651856.43 4191179.10 0.16406 651832.28 4191167.99 0.16477

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         651808.13    4191156.87        0.16555                       651783.98
4191145.76        0.16641
         651759.84    4191134.64        0.16734                       651735.69
4191123.52        0.16832
         651711.54    4191112.41        0.16934                       651687.39
4191101.29        0.17038
         651663.24    4191090.17        0.17145                       651639.10
4191079.06        0.17251
         651614.95    4191067.94        0.17356                       651590.80
4191056.82        0.17461
         651566.65    4191045.71        0.17565                       651542.50
4191034.59        0.17672
         651518.36    4191023.47        0.17780                       651494.21
4191012.36        0.17891
         651470.06    4191001.24        0.18003                       651445.91
4190990.13        0.18116
         651421.76    4190979.01        0.18230                       651397.62
4190967.89        0.18344
         651373.47    4190956.78        0.18459                       651349.32
4190945.66        0.18575
         651325.17    4190934.54        0.18691                       651301.02
4190923.43        0.18808
         651276.88    4190912.31        0.18925                       651252.73
4190901.19        0.19038
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 334
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         651228.58    4190890.08        0.19147                       651204.43
4190878.96        0.19247
         651180.28    4190867.85        0.19335                       651156.14
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4190856.73 0.19407
651131.99 4190845.61 0.19459 653234.05
4191808.84 0.10484
653712.29 4188013.66 200.64539 653736.84
4188013.66 173.77167
653761.39 4188013.66 139.52290 653785.94
4188013.66 107.77854
653810.49 4188013.66 84.59752 653736.84
4188038.66 84.78219
653761.39 4188038.66 74.37701 653785.94
4188038.66 62.87614
653810.49 4188038.66 52.45012 653736.84
4188063.66 50.81203
653761.39 4188063.66 46.51929 653785.94
4188063.66 41.42378
653810.49 4188063.66 36.21058 653736.84
4188088.66 34.19315
653761.39 4188088.66 32.05174 653785.94
4188088.66 29.42851
653810.49 4188088.66 26.59326 653736.84
4188138.66 18.88055
653761.39 4188138.66 18.12210 653785.94
4188138.66 17.18711
653810.49 4188138.66 16.14245 653712.29
4188188.66 12.47556
653736.84 4188188.66 12.15535 653761.39
4188188.66 11.80477
653785.94 4188188.66 11.36445 653810.49
4188188.66 10.88444
653712.29 4188238.66 8.73485 653736.84
4188238.66 8.57021
653761.39 4188238.66 8.38101 653785.94
4188238.66 8.14089
653810.49 4188238.66 7.86851 653712.29
4188288.66 6.51572
653736.84 4188288.66 6.41547 653761.39
4188288.66 6.30115
653785.94 4188288.66 6.16018 653810.49
4188288.66 5.98678
653712.29 4188338.66 5.07766 653736.84
4188338.66 5.00972
653761.39 4188338.66 4.93579 653785.94
4188338.66 4.84952
653810.49 4188338.66 4.73491 653693.66
4188437.50 3.41015
653736.84 4188438.66 3.33761 653761.39
4188438.66 3.30033
653785.94 4188438.66 3.26364 653810.49
4188438.66 3.21190
653689.52 4188537.24 2.46087 653666.74

4188535.82   2.47599
         653712.29   4188538.66   2.43486   653736.84
4188538.66   2.40890
         653761.39   4188538.66   2.38649   653785.94
4188538.66   2.36846
         653810.49   4188538.66   2.34429   653692.10
4188637.40   1.87188
         653736.84   4188638.66   1.83506   653761.39
4188638.66   1.81994
         653785.94   4188638.66   1.80985   653810.49
4188638.66   1.79815
         653689.00   4188737.21   1.48355   653665.71
4188735.76   1.49188
         653642.42   4188734.30   1.49349   653712.29
4188738.66   1.46766
         653736.84   4188738.66   1.45318   653761.39
4188738.66   1.44224
         653785.94   4188738.66   1.43586   653810.49
4188738.66   1.43001
         653691.17   4188837.34   1.20805   653648.94
4188834.71   1.21844
         653736.84   4188838.66   1.18465   653761.39
4188838.66   1.17632
         653785.94   4188838.66   1.17189   653810.49
4188838.66   1.16885
         653689.52   4189087.24   0.79263   653666.74
4189085.82   0.79907

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
         653643.97    4189084.40        0.80225                    653621.20
4189082.98        0.80187
         653598.42    4189081.56        0.79920                    653712.29
4189088.66        0.78443
         653736.84    4189088.66        0.77761                    653761.39
4189088.66        0.77277
         653785.94    4189088.66        0.77038                    653810.49
4189088.66        0.76955
         653688.33    4189337.17        0.56709                    653664.38
4189335.67        0.57222
         653640.42    4189334.18        0.57559                    653616.46
4189332.69        0.57658
         653592.51    4189331.19        0.57524                    653568.55
4189329.70        0.57240
         653712.29    4189338.66        0.56128                    653736.84
4189338.66        0.55682
         653761.39    4189338.66        0.55365                    653785.94
4189338.66        0.55205
         653810.49    4189338.66        0.55165                    653690.21
4189587.28        0.42919
         653646.04    4189584.53        0.43590                    653601.87
4189581.78        0.43865
         653557.71    4189579.02        0.43630                    653736.84
4189588.66        0.42233
         653761.39    4189588.66        0.42010                    653785.94
4189588.66        0.41891
         653810.49    4189588.66        0.41860                    653689.31
4189837.23        0.33881
         653666.33    4189835.79        0.34168                    653643.35
4189834.36        0.34424
         653620.37    4189832.93        0.34619                    653597.39
4189831.50        0.34730
         653574.41    4189830.06        0.34744                    653551.43
4189828.63        0.34661
         653528.45    4189827.20        0.34497                    653505.47
4189825.76        0.34285
         653712.29    4189838.66        0.33595                    653736.84
4189838.66        0.33368
         653761.39    4189838.66        0.33202                    653785.94
4189838.66        0.33108
         653810.49    4189838.66        0.33080                    653687.96
4190337.14        0.22985
         653663.64    4190335.63        0.23168                    653639.31
4190334.11        0.23343
         653614.99    4190332.59        0.23496                    653590.66
4190331.08        0.23614
         653566.33    4190329.56        0.23687                    653542.01
4190328.04        0.23708
         653517.68    4190326.53        0.23673                    653493.35
4190325.01        0.23584
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         653469.03    4190323.49        0.23452                        653444.70
4190321.98        0.23291
         653712.29    4190338.66        0.22808                        653736.84
4190338.66        0.22674
         653761.39    4190338.66        0.22571                        653785.94
4190338.66        0.22506
         653810.49    4190338.66        0.22479                        653688.69
4190837.19        0.16833
         653665.09    4190835.72        0.16947                        653641.49
4190834.25        0.17061
         653617.88    4190832.77        0.17168                        653594.28
4190831.30        0.17263
         653570.68    4190829.83        0.17341                        653547.08
4190828.36        0.17399
         653523.48    4190826.89        0.17432                        653499.88
4190825.42        0.17439
         653476.27    4190823.94        0.17416                        653452.67
4190822.47        0.17364
         653429.07    4190821.00        0.17286                        653405.47
4190819.53        0.17185
         653381.87    4190818.06        0.17071                        653712.29
4190838.66        0.16723
         653736.84    4190838.66        0.16635                        653761.39
4190838.66        0.16564
         653785.94    4190838.66        0.16515                        653810.49
4190838.66        0.16490
         653687.81    4191337.13        0.12993                        653663.33
4191335.61        0.13075
         653638.85    4191334.08        0.13157                        653614.38
4191332.55        0.13235
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 336
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4187881.14   71.66275
         653877.41   4188010.49   49.15814   653844.57
4188050.24   35.43135
         653886.88   4187971.75   63.55661   653890.02
4187927.33   67.11301
         653893.17   4187882.91   57.53191   653902.34
4188012.25   39.26142
         653886.55   4188045.30   30.08877   653861.61
4188068.54   25.94986
         653911.81   4187973.52   48.18891   653914.96
4187929.10   51.25684
         653918.11   4187884.68   46.35873   653950.64
4188019.09   26.34198
         653931.69   4188058.75   20.97509   653892.29
4188106.46   15.93196
         653851.39   4188122.56   16.23253   653961.69
4187977.05   30.78776
         653964.84   4187932.63   32.76871   653967.98
4187888.21   31.38202
         654000.97   4188021.68   19.30173   653982.92
4188059.45   16.54937
         653964.87   4188097.22   13.33494   653927.35
4188142.66   10.90028
         653888.39   4188157.99   11.04217   653849.44
4188173.33   11.13049
         654011.56   4187980.59   21.58896   654014.71
4187936.17   22.85381
         654017.86   4187891.75   22.52312   654051.09
4188024.69   14.78187
         654033.54   4188061.41   13.15994   654016.00
4188098.14   11.30976
         653998.45   4188134.86   9.31174   653961.97
4188179.03   8.00256

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                 ** CONC OF VOCS   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653924.10	4188193.94	8.06352	653886.23	4188208.85	8.17020
653848.36	4188223.75	8.10795	654061.44	4187984.12	16.09352
654064.59	4187939.70	16.92629	654067.73	4187895.28	16.96477
654100.26	4188029.70	11.67694	654081.31	4188069.36	10.51333
654062.36	4188109.01	9.20986	654043.41	4188148.67	7.70793
654024.46	4188188.33	6.53686	653994.54	4188216.21	6.16968
653953.64	4188232.31	6.19646	653912.74	4188248.41	6.28917
653871.84	4188264.51	6.25579	654111.31	4187987.66	12.52841
654114.46	4187943.24	13.09783	654117.61	4187898.82	13.25831
654150.40	4188032.68	9.51978	654131.98	4188071.24	8.75959
654113.55	4188109.80	7.87539	654095.13	4188148.35	6.90456
654076.71	4188186.91	5.88192	654058.28	4188225.47	5.16697
654029.19	4188252.57	4.92482	653989.42	4188268.22	4.92570
653949.66	4188283.88	5.00645	653909.90	4188299.53	5.00675
653870.13	4188315.18	4.94621	654161.19	4187991.19	10.07267
654164.34	4187946.77	10.47579	654167.48	4187902.35	10.66231
654249.89	4188040.30	6.70808	654230.94	4188079.96	6.31327
654211.99	4188119.62	5.79138	654193.04	4188159.28	5.29024
654174.09	4188198.94	4.70102	654155.14	4188238.60	4.10611
654136.19	4188278.25	3.68231	654096.79	4188325.96	3.38389
654055.89	4188342.06	3.36450	654014.99	4188358.16	3.41980
653974.09	4188374.26	3.43889	653933.19	4188390.36	3.42839

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4188422.56        3.27647
         654260.94    4187998.26        6.98172                      654264.09
4187953.84        7.20244
         654267.23    4187909.42        7.35457                      654349.97
4188046.67        5.02098
         654331.69    4188084.94        4.81955                      654313.40
4188123.21        4.51259
         654295.11    4188161.48        4.19966                      654276.83
4188199.74        3.90483
         654258.54    4188238.01        3.55264                      654240.26
4188276.28        3.17614
         654221.97    4188314.55        2.87750                      654203.69
4188352.81        2.66732
         654165.67    4188398.85        2.49316                      654126.20
4188414.38        2.46798
         654086.74    4188429.92        2.49389                      654047.28
4188445.45        2.53249
         654007.81    4188460.99        2.52481                      653968.35
4188476.52        2.52345
         653928.88    4188492.06        2.48742                      653889.42
4188507.59        2.42206
         653849.95    4188523.13        2.38422                      654360.69
4188005.33        5.16803
         654363.84    4187960.91        5.30039                      654366.98
4187916.49        5.40646
         654449.53    4188054.14        3.91758                      654430.87
4188093.20        3.79708
         654412.21    4188132.25        3.59725                      654393.54
4188171.31        3.37447
         654374.88    4188210.37        3.17260                      654356.21
4188249.43        2.96856
         654337.55    4188288.49        2.71791                      654318.89
4188327.54        2.46056
         654300.22    4188366.60        2.25495                      654281.56
4188405.66        2.10675
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 338
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654262.90	4188444.72	1.99109	654233.43	4188472.18	1.92679
654193.15	4188488.03	1.90088	654152.87	4188503.89	1.91408
654112.59	4188519.74	1.95233	654072.31	4188535.60	1.95224
654032.03	4188551.45	1.94748	653991.75	4188567.31	1.94694
653951.47	4188583.17	1.90920	653911.19	4188599.02	1.86281
653870.91	4188614.88	1.83995	654460.44	4188012.40	4.00499
654463.59	4187967.98	4.08984	654466.73	4187923.56	4.16225
654549.14	4188061.51	3.15558	654530.19	4188101.17	3.08037
654511.24	4188140.83	2.94587	654492.29	4188180.48	2.78536
654473.34	4188220.14	2.63077	654454.39	4188259.80	2.49364
654435.43	4188299.46	2.34174	654416.48	4188339.12	2.15647
654397.53	4188378.78	1.97252	654378.58	4188418.44	1.82420
654359.63	4188458.10	1.71427	654340.68	4188497.76	1.63220
654301.28	4188545.46	1.54239	654260.38	4188561.56	1.51765
654219.48	4188577.66	1.52238	654178.58	4188593.76	1.55626
654137.68	4188609.86	1.56507	654096.79	4188625.96	1.55611
654055.89	4188642.06	1.55995	654014.99	4188658.16	1.55379
653974.09	4188674.26	1.51870	653933.19	4188690.36	1.48559
653892.29	4188706.46	1.47111	653851.39	4188722.56	1.45860
654560.19	4188019.47	3.21034	654563.34	4187975.05	3.26761
654566.48	4187930.63	3.31769	654648.78		

4188068.81   2.60502
         654629.60   4188108.94   2.55676   654610.42
4188149.08   2.46347
         654591.25   4188189.21   2.34673   654572.07
4188229.34   2.22581
         654552.89   4188269.47   2.11864   654533.72
4188309.60   2.01880
         654514.54   4188349.73   1.90029   654495.37
4188389.86   1.75941
         654476.19   4188429.99   1.62322   654457.01
4188470.12   1.51226
         654437.84   4188510.25   1.42792   654418.66
4188550.39   1.36562
         654399.49   4188590.52   1.30904   654369.20
4188618.73   1.26829
         654327.82   4188635.02   1.24543   654286.43
4188651.31   1.24466
         654245.05   4188667.60   1.27261   654203.66
4188683.89   1.28791
         654162.27   4188700.18   1.28053   654120.89
4188716.48   1.27807
         654079.50   4188732.77   1.28379   654038.11
4188749.06   1.27208
         653996.73   4188765.35   1.24171   653955.34
4188781.64   1.21775
         653913.96   4188797.93   1.20818   653872.57
4188814.22   1.20113
         654659.94   4188026.54   2.64041   654663.09
4187982.12   2.68067
         654666.23   4187937.70   2.71661   654898.35
4188086.07   1.74508
         654879.57   4188125.37   1.72962   654860.79
4188164.67   1.69115
         654842.01   4188203.98   1.63796   654823.23
4188243.28   1.57701
         654804.45   4188282.58   1.51280   654785.67
4188321.88   1.45274
         654766.89   4188361.18   1.40120   654748.11
4188400.48   1.35248

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5

, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654729.33	4188439.79	1.29583	654710.55	4188479.09	1.22676
654691.77	4188518.39	1.15227	654672.99	4188557.69	1.08332
654654.21	4188596.99	1.02528	654635.43	4188636.29	0.97813
654616.65	4188675.60	0.94125	654597.87	4188714.90	0.91378
654579.09	4188754.20	0.88816	654540.05	4188801.48	0.84579
654499.51	4188817.43	0.82855	654458.98	4188833.39	0.82017
654418.45	4188849.34	0.83176	654377.92	4188865.30	0.85082
654337.39	4188881.25	0.85874	654296.86	4188897.21	0.85352
654256.33	4188913.16	0.84790	654215.80	4188929.11	0.85055
654175.27	4188945.07	0.85577	654134.74	4188961.02	0.85182
654094.21	4188976.98	0.83619	654053.68	4188992.93	0.81845
654013.14	4189008.89	0.80713	653972.61	4189024.84	0.80293
653932.08	4189040.80	0.80168	653891.55	4189056.75	0.79726
653851.02	4189072.71	0.78599	654909.31	4188044.21	1.75832
654912.46	4187999.79	1.77690	654915.61	4187955.37	1.79309
655147.64	4188103.92	1.26435	655128.69	4188143.58	1.25906
655109.74	4188183.24	1.24026	655090.79	4188222.90	1.21144
655071.84	4188262.56	1.17741	655052.88	4188302.22	1.14019
655033.93	4188341.88	1.10089	655014.98	4188381.54	1.06298

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         654996.03    4188421.19        1.02997                      654977.08
4188460.85        1.00145
         654958.13    4188500.51        0.97305                      654939.18
4188540.17        0.93958
         654920.23    4188579.83        0.89892                      654901.28
4188619.49        0.85386
         654882.33    4188659.15        0.81004                      654863.38
4188698.81        0.77107
         654844.43    4188738.47        0.73784                      654825.48
4188778.12        0.70988
         654806.53    4188817.78        0.68716                      654787.58
4188857.44        0.67024
         654768.63    4188897.10        0.65723                      654749.68
4188936.76        0.64155
         654710.28    4188984.47        0.61184                      654669.38
4189000.57        0.59852
         654628.48    4189016.67        0.58959                      654587.58
4189032.77        0.59309
         654546.68    4189048.87        0.60615                      654505.78
4189064.97        0.61817
         654464.88    4189081.07        0.62134                      654423.98
4189097.17        0.61677
         654383.08    4189113.27        0.61159                      654342.18
4189129.37        0.61160
         654301.28    4189145.46        0.61611                      654260.38
4189161.56        0.61938
         654219.48    4189177.66        0.61602                      654178.58
4189193.76        0.60585
         654137.68    4189209.86        0.59388                      654096.79
4189225.96        0.58488
         654055.89    4189242.06        0.58018                      654014.99
4189258.16        0.57903
         653974.09    4189274.26        0.57925                      653933.19
4189290.36        0.57756
         653892.29    4189306.46        0.57190                      653851.39
4189322.56        0.56257
         655158.69    4188061.88        1.26977                      655161.83
4188017.46        1.27955
         655164.98    4187973.04        1.28783                      655396.95
4188121.72        0.96546
         655377.88    4188161.63        0.96429                      655358.81
4188201.54        0.95471
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE 340
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655339.74	4188241.45	0.93798	655320.67	4188281.35	0.91710
655301.60	4188321.26	0.89429	655282.53	4188361.17	0.86981
655263.46	4188401.08	0.84381	655244.39	4188440.99	0.81810
655225.32	4188480.90	0.79502	655206.25	4188520.80	0.77542
655187.19	4188560.71	0.75792	655168.12	4188600.62	0.73993
655149.05	4188640.53	0.71826	655129.98	4188680.44	0.69220
655110.91	4188720.35	0.66299	655091.84	4188760.25	0.63357
655072.77	4188800.16	0.60631	655053.70	4188840.07	0.58219
655034.63	4188879.98	0.56125	655015.56	4188919.89	0.54313
654996.49	4188959.80	0.52795	654977.42	4188999.70	0.51636
654958.35	4189039.61	0.50821	654939.28	4189079.52	0.50081
654920.21	4189119.43	0.48951	654880.56	4189167.44	0.46735
654839.40	4189183.64	0.45693	654798.25	4189199.84	0.44879
654757.09	4189216.04	0.44833	654715.93	4189232.24	0.45583
654674.78	4189248.44	0.46633	654633.62	4189264.64	0.47362
654592.46	4189280.84	0.47460	654551.31	4189297.04	0.47073
654510.15	4189313.25	0.46626	654468.99	4189329.45	0.46497
654427.84	4189345.65	0.46753	654386.68		

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4189361.85        0.47148
         654345.53    4189378.05        0.47326                    654304.37
4189394.25        0.47046
         654263.21    4189410.45        0.46343                    654222.06
4189426.65        0.45503
         654180.90    4189442.85        0.44806                    654139.74
4189459.05        0.44356
         654098.59    4189475.25        0.44148                    654057.43
4189491.45        0.44144
         654016.27    4189507.66        0.44215                    653975.12
4189523.86        0.44162
         653933.96    4189540.06        0.43858                    653892.80
4189556.26        0.43311
         653851.65    4189572.46        0.42601                    655408.06
4188079.56        0.96756
         655411.21    4188035.14        0.97305                    655414.36
4187990.72        0.97759
         655646.28    4188139.49        0.76577                    655627.13
4188179.58        0.76628
         655607.97    4188219.67        0.76134                    655588.81
4188259.76        0.75125
         655569.65    4188299.86        0.73762                    655550.49
4188339.95        0.72243
         655531.34    4188380.04        0.70651                    655512.18
4188420.13        0.68955
         655493.02    4188460.22        0.67143                    655473.86
4188500.32        0.65315
         655454.71    4188540.41        0.63624                    655435.55
4188580.50        0.62167
         655416.39    4188620.59        0.60921                    655397.23
4188660.69        0.59765
         655378.08    4188700.78        0.58529                    655358.92
4188740.87        0.57060
         655339.76    4188780.96        0.55292                    655320.60
4188821.06        0.53292
         655301.44    4188861.15        0.51229                    655282.29
4188901.24        0.49258
         655263.13    4188941.33        0.47463                    655243.97
4188981.42        0.45861
         655224.81    4189021.52        0.44434                    655205.66
4189061.61        0.43176
         655186.50    4189101.70        0.42098                    655167.34
4189141.79        0.41251
         655148.18    4189181.89        0.40663                    655129.03
4189221.98        0.40240
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655109.87	4189262.07	0.39727	655090.71	4189302.16	0.38836
655050.88	4189350.39	0.37117	655009.53	4189366.67	0.36289
654968.19	4189382.94	0.35582	654926.84	4189399.22	0.35359
654885.49	4189415.50	0.35730	654844.15	4189431.77	0.36490
654802.80	4189448.05	0.37255	654761.46	4189464.32	0.37693
654720.11	4189480.60	0.37688	654678.76	4189496.87	0.37366
654637.42	4189513.15	0.36987	654596.07	4189529.42	0.36807
654554.72	4189545.70	0.36918	654513.38	4189561.98	0.37220
654472.03	4189578.25	0.37511	654430.68	4189594.53	0.37594
654389.34	4189610.80	0.37360	654347.99	4189627.08	0.36849
654306.65	4189643.35	0.36237	654265.30	4189659.63	0.35698
654223.95	4189675.90	0.35307	654182.61	4189692.18	0.35064
654141.26	4189708.46	0.34972	654099.91	4189724.73	0.35012
654058.57	4189741.01	0.35098	654017.22	4189757.28	0.35097
653975.88	4189773.56	0.34927	653934.53	4189789.83	0.34592
653893.18	4189806.11	0.34133	653851.84	4189822.38	0.33599

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         655657.44    4188097.23        0.76639                    655660.58
4188052.81        0.76967
         655663.73    4188008.39        0.77227                    656145.10
4188174.70        0.52188
         656126.06    4188214.53        0.52335                    656107.03
4188254.36        0.52235
         656088.00    4188294.18        0.51869                    656068.97
4188334.01        0.51264
         656049.94    4188373.84        0.50504                    656030.91
4188413.67        0.49678
         656011.87    4188453.50        0.48845                    655992.84
4188493.33        0.47996
         655973.81    4188533.16        0.47089                    655954.78
4188572.98        0.46106
         655935.75    4188612.81        0.45085                    655916.72
4188652.64        0.44088
         655897.68    4188692.47        0.43177                    655878.65
4188732.30        0.42382
         655859.62    4188772.13        0.41702                    655840.59
4188811.95        0.41101
         655821.56    4188851.78        0.40519                    655802.53
4188891.61        0.39886
         655783.50    4188931.44        0.39143                    655764.46
4188971.27        0.38258
         655745.43    4189011.10        0.37240                    655726.40
4189050.92        0.36160
         655707.37    4189090.75        0.35053                    655688.34
4189130.58        0.33989
         655669.31    4189170.41        0.32994                    655650.27
4189210.24        0.32080
         655631.24    4189250.07        0.31250                    655612.21
4189289.89        0.30497
         655593.18    4189329.72        0.29806                    655574.15
4189369.55        0.29176
         655555.12    4189409.38        0.28631                    655536.09
4189449.21        0.28204
         655517.05    4189489.04        0.27914                    655498.02
4189528.86        0.27738
         655478.99    4189568.69        0.27586                    655459.96
4189608.52        0.27325
         655440.93    4189648.35        0.26842                    655421.90
4189688.18        0.26092
         655391.84    4189716.18        0.25400                    655350.77
4189732.34        0.24859
         655309.70    4189748.51        0.24348                    655268.62
4189764.68        0.24035
         655227.55    4189780.85        0.24020                    655186.47
4189797.02        0.24299
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                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                             INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655145.40	4189813.19	0.24768	655104.32	4189829.36	0.25271
655063.25	4189845.52	0.25656	655022.18	4189861.69	0.25831
654981.10	4189877.86	0.25783	654940.03	4189894.03	0.25571
654898.95	4189910.20	0.25299	654857.88	4189926.37	0.25086
654816.81	4189942.53	0.25017	654775.73	4189958.70	0.25107
654734.66	4189974.87	0.25303	654693.58	4189991.04	0.25519
654652.51	4190007.21	0.25676	654611.44	4190023.38	0.25710
654570.36	4190039.54	0.25591	654529.29	4190055.71	0.25330
654488.21	4190071.88	0.24990	654447.14	4190088.05	0.24651
654406.06	4190104.22	0.24367	654364.99	4190120.39	0.24146
654323.92	4190136.55	0.23981	654282.84	4190152.72	0.23873
654241.77	4190168.89	0.23841	654200.69	4190185.06	0.23883
654159.62	4190201.23	0.23965	654118.55	4190217.40	0.24025
654077.47	4190233.57	0.24009	654036.40	4190249.73	0.23902
653995.32	4190265.90	0.23723	653954.25		

4190282.07 0.23491
653913.18 4190298.24 0.23213 653872.10
4190314.41 0.22905
656156.18 4188132.58 0.52146 656159.33
4188088.16 0.52269
656162.48 4188043.74 0.52355 656643.78
4188210.17 0.38263
656624.63 4188250.25 0.38408 656605.48
4188290.33 0.38424
656586.33 4188330.41 0.38291 656567.18
4188370.49 0.38008
656548.02 4188410.58 0.37594 656528.87
4188450.66 0.37098
656509.72 4188490.74 0.36577 656490.57
4188530.82 0.36066
656471.41 4188570.90 0.35566 656452.26
4188610.98 0.35053
656433.11 4188651.06 0.34498 656413.96
4188691.14 0.33893
656394.81 4188731.22 0.33257 656375.65
4188771.30 0.32621
656356.50 4188811.38 0.32020 656337.35
4188851.46 0.31475
656318.20 4188891.55 0.30998 656299.04
4188931.63 0.30588
656279.89 4188971.71 0.30230 656260.74
4189011.79 0.29898
656241.59 4189051.87 0.29560 656222.44
4189091.95 0.29180
656203.28 4189132.03 0.28739 656184.13
4189172.11 0.28217
656164.98 4189212.19 0.27616 656145.83
4189252.27 0.26957
656126.68 4189292.35 0.26277 656107.52
4189332.43 0.25607
656088.37 4189372.51 0.24967 656069.22
4189412.60 0.24361
656050.07 4189452.68 0.23794 656030.91
4189492.76 0.23271
656011.76 4189532.84 0.22791 655992.61
4189572.92 0.22347
655973.46 4189613.00 0.21927 655954.31
4189653.08 0.21534
655935.15 4189693.16 0.21182 655916.00
4189733.24 0.20889
655896.85 4189773.32 0.20674 655877.70
4189813.40 0.20542
655858.54 4189853.48 0.20476 655839.39
4189893.57 0.20425
655820.24 4189933.65 0.20321 655801.09

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654740.51 4190472.57 0.18842 654699.18
4190488.84 0.18669
654657.85 4190505.11 0.18451 654616.51
4190521.38 0.18229
654575.18 4190537.65 0.18037 654533.84
4190553.92 0.17881
654492.51 4190570.19 0.17753 654451.17
4190586.46 0.17646
654409.84 4190602.73 0.17562 654368.50
4190619.00 0.17517
654327.17 4190635.27 0.17522 654285.84
4190651.54 0.17573
654244.50 4190667.82 0.17644 654203.17
4190684.09 0.17698
654161.83 4190700.36 0.17707 654120.50
4190716.63 0.17659
654079.16 4190732.90 0.17567 654037.83
4190749.17 0.17446
653996.49 4190765.44 0.17304 653955.16
4190781.71 0.17136
653913.83 4190797.98 0.16943 653872.49
4190814.25 0.16741
656654.93 4188167.92 0.38198 656658.08
4188123.50 0.38244
656661.23 4188079.08 0.38268 657142.58
4188245.43 0.29493
657123.51 4188285.32 0.29616 657104.45
4188325.22 0.29666
657085.38 4188365.12 0.29632 657066.32
4188405.01 0.29506
657047.25 4188444.91 0.29292 657028.19
4188484.81 0.29004
657009.13 4188524.71 0.28668 656990.06
4188564.60 0.28317
656971.00 4188604.50 0.27974 656951.93
4188644.40 0.27649
656932.87 4188684.29 0.27331 656913.80
4188724.19 0.27001
656894.74 4188764.09 0.26640 656875.68
4188803.98 0.26243
656856.61 4188843.88 0.25822 656837.55
4188883.78 0.25393
656818.48 4188923.68 0.24974 656799.42
4188963.57 0.24581
656780.35 4189003.47 0.24223 656761.29
4189043.37 0.23906
656742.22 4189083.26 0.23630 656723.16
4189123.16 0.23392
656704.10 4189163.06 0.23179 656685.03
4189202.96 0.22976

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656589.71	4189402.44	0.21566	656570.65	4189442.34	0.21151
656551.58	4189482.24	0.20711	656532.52	4189522.13	0.20265
656513.45	4189562.03	0.19828	656494.39	4189601.93	0.19409
656475.32	4189641.82	0.19008	656456.26	4189681.72	0.18626
656437.19	4189721.62	0.18266	656418.13	4189761.52	0.17933
656399.07	4189801.41	0.17626	656380.00	4189841.31	0.17337
656360.94	4189881.21	0.17059	656341.87	4189921.10	0.16792
656322.81	4189961.00	0.16542	656303.74	4190000.90	0.16318
656284.68	4190040.79	0.16134	656265.62	4190080.69	0.15999
656246.55	4190120.59	0.15920	656227.49	4190160.49	0.15887
656208.42	4190200.38	0.15878	656189.36	4190240.28	0.15858
656170.29	4190280.18	0.15788	656151.23		

4190320.07 0.15639
656132.16 4190359.97 0.15392 656113.10
4190399.87 0.15047
656073.46 4190447.86 0.14500 656032.32
4190464.06 0.14226
655991.17 4190480.26 0.13951 655950.03
4190496.45 0.13722
655908.88 4190512.65 0.13577 655867.74
4190528.85 0.13540
655826.59 4190545.04 0.13611 655785.45
4190561.24 0.13774
655744.30 4190577.43 0.13997 655703.16
4190593.63 0.14242
655662.01 4190609.83 0.14467 655620.87
4190626.02 0.14640
655579.72 4190642.22 0.14737 655538.58
4190658.42 0.14754
655497.43 4190674.61 0.14698 655456.29
4190690.81 0.14587
655415.14 4190707.00 0.14444 655374.00
4190723.20 0.14300
655332.85 4190739.40 0.14188 655291.71
4190755.59 0.14133
655250.56 4190771.79 0.14147 655209.42
4190787.99 0.14219
655168.27 4190804.18 0.14327 655127.13
4190820.38 0.14444
655085.98 4190836.57 0.14549 655044.84
4190852.77 0.14626
655003.69 4190868.97 0.14665 654962.55
4190885.16 0.14657
654921.40 4190901.36 0.14596 654880.26
4190917.56 0.14487
654839.11 4190933.75 0.14345 654797.97
4190949.95 0.14192
654756.82 4190966.15 0.14052 654715.68
4190982.34 0.13935
654674.53 4190998.54 0.13839 654633.39
4191014.73 0.13758
654592.24 4191030.93 0.13682 654551.10
4191047.13 0.13613
654509.95 4191063.32 0.13559 654468.81
4191079.52 0.13533
654427.66 4191095.72 0.13541 654386.52
4191111.91 0.13581
654345.37 4191128.11 0.13638 654304.23
4191144.30 0.13692
654263.08 4191160.50 0.13722 654221.94
4191176.70 0.13716
654180.79 4191192.89 0.13675 654139.65

4191209.09   0.13611
         654098.50   4191225.29   0.13534   654057.36
4191241.48   0.13449
         654016.21   4191257.68   0.13350   653975.07
4191273.87   0.13233
         653933.92   4191290.07   0.13098   653892.78
4191306.27   0.12957

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

657334.89 4188922.06 0.20999 657315.74 4188962.14 0.20702
657296.59 4189002.22 0.20397 657277.44 4189042.29 0.20096
657258.29 4189082.37 0.19807 657239.14 4189122.44 0.19536
657219.99 4189162.52 0.19288 657200.84 4189202.59 0.19067
657181.69 4189242.67 0.18875 657162.55 4189282.74 0.18708
657143.40 4189322.82 0.18562 657124.25 4189362.89 0.18426
657105.10 4189402.97 0.18291 657085.95 4189443.04 0.18147
657066.80 4189483.12 0.17984 657047.65 4189523.19 0.17796
657028.50 4189563.27 0.17576 657009.35 4189603.34 0.17323
656990.20 4189643.42 0.17040 656971.05 4189683.49 0.16737
656951.90 4189723.57 0.16425 656932.75 4189763.65 0.16115
656913.60 4189803.72 0.15815 656894.45 4189843.80 0.15528
656875.30 4189883.87 0.15251 656856.15 4189923.95 0.14983
656837.00 4189964.02 0.14728 656817.85 4190004.10 0.14489
656798.70 4190044.17 0.14268 656779.55 4190084.25 0.14063
656760.41 4190124.32 0.13866 656741.26 4190164.40 0.13672
656722.11 4190204.47 0.13484 656702.96 4190244.55 0.13304
656683.81 4190284.62 0.13140 656664.66 4190324.70 0.12998
656645.51 4190364.77 0.12885 656626.36 4190404.85 0.12806
656607.21 4190444.92 0.12765 656588.06 4190485.00 0.12756
656568.91 4190525.08 0.12762 656549.76 4190565.15 0.12764
656530.61 4190605.23 0.12737 656511.46 4190645.30 0.12660
656492.31 4190685.38 0.12522 656473.16 4190725.45 0.12317
656454.01 4190765.53 0.12050 656414.20 4190813.74 0.11639
656372.87 4190830.01 0.11432 656331.54 4190846.27 0.11221

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656290.21	4190862.54	0.11035	656248.88	4190878.81	0.10899
656207.56	4190895.08	0.10830	656166.23	4190911.35	0.10834
656124.90	4190927.62	0.10907	656083.57	4190943.89	0.11035
656042.24	4190960.15	0.11201	656000.91	4190976.42	0.11381
655959.58	4190992.69	0.11554	655918.25	4191008.96	0.11698
655876.93	4191025.23	0.11797	655835.60	4191041.50	0.11843
655794.27	4191057.77	0.11838	655752.94	4191074.03	0.11788
655711.61	4191090.30	0.11702	655670.28	4191106.57	0.11593
655628.95	4191122.84	0.11480	655587.62	4191139.11	0.11382
655546.30	4191155.38	0.11317	655504.97	4191171.65	0.11298
655463.64	4191187.91	0.11325	655422.31	4191204.18	0.11390
655380.98	4191220.45	0.11478	655339.65	4191236.72	0.11568
655298.32	4191252.99	0.11650	655257.00	4191269.26	0.11715
655215.67	4191285.53	0.11757	655174.34		

4191301.80 0.11773
655133.01 4191318.06 0.11758 655091.68
4191334.33 0.11708
655050.35 4191350.60 0.11627 655009.02
4191366.87 0.11524
654967.69 4191383.14 0.11414 654926.37
4191399.41 0.11313
654885.04 4191415.68 0.11228 654843.71
4191431.94 0.11158
654802.38 4191448.21 0.11099 654761.05
4191464.48 0.11045
654719.72 4191480.75 0.10991 654678.39
4191497.02 0.10937
654637.06 4191513.29 0.10889 654595.74
4191529.56 0.10857
654554.41 4191545.82 0.10848 654513.08
4191562.09 0.10865
654471.75 4191578.36 0.10902 654430.42
4191594.63 0.10950
654389.09 4191610.90 0.10995 654347.76
4191627.17 0.11022
654306.43 4191643.44 0.11025 654265.11
4191659.71 0.11002
654223.78 4191675.97 0.10961 654182.45
4191692.24 0.10910
654141.12 4191708.51 0.10856 654099.79
4191724.78 0.10799
654058.46 4191741.05 0.10734 654017.13
4191757.32 0.10655
653975.80 4191773.59 0.10560 653934.48
4191789.85 0.10456
653893.15 4191806.12 0.10354 653851.82
4191822.39 0.10270
657652.43 4188238.61 0.23506 657655.58
4188194.19 0.23504
657658.73 4188149.77 0.23491 653819.03
4187852.62 71.22418
653794.25 4187851.96 75.80143 653769.47
4187851.29 74.27441
653744.69 4187850.63 67.00696 653719.92
4187849.97 62.01623
653695.14 4187849.31 55.45772 653837.55
4187835.82 54.23471
653794.92 4187826.97 53.56166 653770.14
4187826.30 51.13830
653745.36 4187825.64 46.63719 653720.58
4187824.98 44.21347
653695.81 4187824.32 41.54133 653838.21
4187810.83 41.26489
653880.33 4187845.79 49.76546 653795.59

4187801.97   39.63590
         653770.81   4187801.31   37.31751   653746.03
4187800.65   34.49129
         653721.25   4187799.99   33.21995   653696.47
4187799.33   32.12110
         653838.88   4187785.84   32.53183   653874.58
4187802.23   34.73062
         653898.85   4187828.99   39.60918   653796.25
4187776.98   30.49070
         653771.47   4187776.32   28.63579   653746.70
4187775.66   26.64988
         653721.92   4187775.00   25.93056   653697.14
4187774.34   25.52362

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
         653844.10    4187687.05       15.55218                  653884.90
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         653905.30    4187715.15       17.08291                  653946.10
4187733.88       18.02939
         653973.84    4187764.46       19.86504                  653988.51
4187806.89       22.56025
         654003.19    4187849.32       23.35421                  653798.92
4187677.02       13.92869
         653774.15    4187676.36       13.20650                  653749.37
4187675.70       12.54679
         653724.59    4187675.03       12.34149                  653699.81
4187674.37       12.43659
         653847.35    4187637.94       11.61817                  653869.66
4187648.19       12.37046
         653891.97    4187658.43       12.82595                  653914.29
4187668.68       13.01119
         653936.60    4187678.92       13.24486                  653958.91
4187689.17       13.63783
         653981.23    4187699.41       13.96901                  654011.56
4187732.86       15.27303
         654019.59    4187756.06       16.38052                  654027.61
4187779.26       17.26189
         654035.64    4187802.47       17.79544                  654043.66
4187825.67       17.96013
         654051.69    4187848.88       17.82175                  654059.71
4187872.08       17.47484
         653825.04    4187627.70       10.77457                  653800.26
4187627.04       10.39681
         653775.48    4187626.38        9.90143                  653750.70
4187625.71        9.47562
         653725.92    4187625.05        9.34786                  653701.15
4187624.39        9.44589
         653847.79    4187587.55        8.94346                  653869.21
4187597.39        9.50750
         653890.63    4187607.22        9.99185                  653912.05
4187617.06       10.27517
         653933.47    4187626.89       10.37507                  653954.89
4187636.72       10.48015
         653976.31    4187646.56       10.71501                  653997.73
4187656.39       11.00155
         654019.15    4187666.23       11.19679                  654048.28
4187698.34       12.04638
         654055.98    4187720.61       12.80808                  654063.68
4187742.89       13.46546
         654071.39    4187765.16       13.95088                  654079.09
4187787.44       14.22297
         654086.80    4187809.72       14.28862                  654094.50
4187831.99       14.18485
         654102.20    4187854.27       13.96436                  654109.91
4187876.54       13.66651
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         653826.37    4187577.72        8.37723                      653801.59
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4187575.73        7.44257
         653727.26    4187575.07        7.35412                      653702.48
4187574.41        7.43784
         653848.53    4187537.30        7.12399                      653869.36
4187546.86        7.52432
         653890.18    4187556.42        7.92222                      653911.01
4187565.98        8.25349
         653931.83    4187575.54        8.44325                      653952.66
4187585.10        8.50082
         653973.48    4187594.66        8.54172                      653994.31
4187604.23        8.67100
         654015.13    4187613.79        8.87838                      654035.96
4187623.35        9.07830
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         654056.78    4187632.91        9.19553                      654085.10
4187664.13        9.78136
         654092.59    4187685.79       10.32782                      654100.08
4187707.44       10.81986
         654107.57    4187729.10       11.22304                      654115.06
4187750.76       11.50405
         654122.55    4187772.41       11.64980                      654130.04
4187794.07       11.67185
         654137.53    4187815.73       11.58970                      654145.02
4187837.38       11.43677
         654152.51    4187859.04       11.24414                      654159.99
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4187880.70 11.00015
653827.71 4187527.73 6.72332 653802.93
4187527.07 6.49719
653778.15 4187526.41 6.23085 653753.37
4187525.75 6.02247
653728.60 4187525.09 5.95707 653703.82
4187524.42 6.02452
653851.80 4187437.61 4.88925 653873.22
4187447.44 5.12238
653894.64 4187457.27 5.35946 653916.06
4187467.11 5.60417
653937.48 4187476.94 5.82870 653958.90
4187486.78 5.98862
653980.32 4187496.61 6.05609 654001.74
4187506.45 6.05739
654023.16 4187516.28 6.06285 654044.58
4187526.12 6.12907
654066.00 4187535.95 6.25348 654087.42
4187545.79 6.39307
654108.84 4187555.62 6.50262 654130.26
4187565.45 6.55554
654159.38 4187597.57 6.89165 654167.09
4187619.84 7.22038
654174.79 4187642.12 7.52688 654182.49
4187664.39 7.79688
654190.20 4187686.67 8.01581 654197.90
4187708.94 8.16936
654205.61 4187731.22 8.25342 654213.31
4187753.49 8.27292
654221.01 4187775.77 8.23419 654228.72
4187798.04 8.15234
654236.42 4187820.32 8.05055 654244.12
4187842.59 7.93764
654251.83 4187864.87 7.79785 654259.53
4187887.15 7.60583
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4187427.11 4.48756
653780.82 4187426.45 4.32942 653756.04
4187425.78 4.21141
653731.27 4187425.12 4.17005 653706.49
4187424.46 4.21043
653854.87 4187337.82 3.58877 653876.68
4187347.84 3.74521
653898.50 4187357.86 3.89232 653920.32
4187367.87 4.04422
653942.13 4187377.89 4.20454 653963.95
4187387.91 4.36040
653985.77 4187397.92 4.48765 654007.58
4187407.94 4.56197
654029.40 4187417.96 4.57821 654051.22

4187427.97   4.56150
         654073.03   4187437.99   4.55525   654094.85
4187448.01   4.59100
         654116.67   4187458.02   4.66883   654138.48
4187468.04   4.76555
         654160.30   4187478.06   4.85430   654182.12
4187488.07   4.91517
         654203.93   4187498.09   4.93914   654233.60
4187530.80   5.14883
         654241.44   4187553.48   5.36243   654249.29
4187576.17   5.56516
         654257.14   4187598.86   5.75056   654264.98
4187621.55   5.91329
         654272.83   4187644.23   6.04503   654280.68
4187666.92   6.13867
         654288.52   4187689.61   6.19335   654296.37
4187712.30   6.21062
         654304.21   4187734.99   6.19220   654312.06
4187757.67   6.14479

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

653783.49 4187326.48 3.21000 653758.72
4187325.82 3.13640
653733.94 4187325.16 3.10671 653709.16
4187324.50 3.12922
653857.82 4187237.99 2.75823 653879.92
4187248.14 2.87411
653902.02 4187258.28 2.97726 653924.12
4187268.43 3.07594
653946.22 4187278.58 3.17951 653968.32
4187288.72 3.28995
653990.42 4187298.87 3.40122 654012.52
4187309.02 3.50033
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4187329.31 3.60151
654078.82 4187339.46 3.59635 654100.92
4187349.60 3.57528
654123.02 4187359.75 3.56531 654145.12
4187369.90 3.58524
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4187390.19 3.70395
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654355.46 4187601.80 4.74335 654363.41
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4187227.18 2.55785
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4187224.53 2.43035

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         653860.70    4187138.12        2.19303                       653883.02
4187148.37        2.28279
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4187168.86        2.43381
         653949.95    4187179.10        2.50341                       653972.27
4187189.34        2.57732
         653994.58    4187199.59        2.65677                       654016.89
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4187230.32        2.87701
         654083.83    4187240.57        2.91393                       654106.14
4187250.81        2.92243
         654128.45    4187261.05        2.90907                       654150.77
4187271.30        2.88856
         654173.08    4187281.54        2.87794                       654195.39
4187291.79        2.88914
         654217.71    4187302.03        2.92318                       654240.02
4187312.28        2.97201
         654262.33    4187322.52        3.02452                       654284.64
4187332.77        3.07198
         654306.96    4187343.01        3.10763                       654329.27
4187353.25        3.12718
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 350
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654351.58    4187363.50        3.13041                       654381.92
4187396.95        3.22806
         654389.94    4187420.15        3.33376                       654397.97
4187443.35        3.43607
         654405.99    4187466.56        3.53259                       654414.02
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4187814.61 3.71315
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4187861.02 3.59403
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653863.54 4187038.23 1.79033 653886.02
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654133.27 4187162.08 2.42654 654155.75
4187172.40 2.42402
654178.23 4187182.72 2.40830 654200.71
4187193.04 2.38983
654223.19 4187203.36 2.37975 654245.66
4187213.68 2.38585
654268.14 4187224.00 2.40929 654290.62
4187234.32 2.44500
654313.10 4187244.64 2.48545 654335.58
4187254.96 2.52434
654358.05 4187265.28 2.55712 654380.53
4187275.60 2.58010
654403.01 4187285.92 2.59107 654425.49

4187296.24   2.59087
         654456.05   4187329.94   2.66200   654464.13
4187353.31   2.74077
         654472.22   4187376.69   2.81756   654480.30
4187400.06   2.89044
         654488.38   4187423.44   2.95883   654496.47
4187446.81   3.02290
         654504.55   4187470.19   3.08221   654512.64
4187493.56   3.13417
         654520.72   4187516.94   3.17638   654528.81
4187540.32   3.20806
         654536.89   4187563.69   3.22991   654544.97
4187587.07   3.24161
         654553.06   4187610.44   3.24172   654561.14
4187633.82   3.23052
         654569.23   4187657.19   3.21086   654577.31
4187680.57   3.18735
         654585.39   4187703.94   3.16367   654593.48
4187727.32   3.14174
         654601.56   4187750.69   3.12155   654609.65
4187774.07   3.10059
         654617.73   4187797.45   3.07476   654625.81
4187820.82   3.03944
         654633.90   4187844.20   2.99159   654641.98
4187867.57   2.93131

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

653841.06 4187027.91 1.71952 653816.28
4187027.25 1.68036
653791.51 4187026.59 1.64664 653766.73
4187025.93 1.62045
653741.95 4187025.27 1.60559 653717.17
4187024.60 1.60685
653870.18 4186788.31 1.17366 653892.62
4186798.61 1.21295
653915.06 4186808.91 1.25250 653937.50
4186819.21 1.28964
653959.94 4186829.52 1.32244 653982.38
4186839.82 1.35077
654004.82 4186850.12 1.37651 654027.26
4186860.43 1.40227
654049.70 4186870.73 1.42982 654072.14
4186881.03 1.45964
654094.58 4186891.33 1.49137 654117.02
4186901.64 1.52437
654139.46 4186911.94 1.55763 654161.90
4186922.24 1.58925
654184.34 4186932.55 1.61628 654206.78
4186942.85 1.63545
654229.22 4186953.15 1.64475 654251.66
4186963.45 1.64419
654274.10 4186973.76 1.63580 654296.54
4186984.06 1.62286
654318.98 4186994.36 1.60945 654341.42
4187004.67 1.59985
654363.86 4187014.97 1.59753 654386.30
4187025.27 1.60421
654408.74 4187035.58 1.61918 654431.18
4187045.88 1.63970
654453.62 4187056.18 1.66255 654476.06
4187066.48 1.68512
654498.50 4187076.79 1.70581 654520.94
4187087.09 1.72326
654543.38 4187097.39 1.73612 654565.82
4187107.70 1.74335
654588.26 4187118.00 1.74491 654610.70
4187128.30 1.74207
654641.21 4187161.94 1.77825 654649.28
4187185.28 1.82010
654657.35 4187208.61 1.86142 654665.42
4187231.95 1.90123
654673.49 4187255.29 1.93890 654681.57
4187278.62 1.97454
654689.64 4187301.96 2.00879 654697.71
4187325.29 2.04186
654705.78 4187348.63 2.07316 654713.85
4187371.97 2.10128

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         654721.92    4187395.30        2.12506                       654729.99
4187418.64        2.14436
         654738.06    4187441.97        2.15966                       654746.13
4187465.31        2.17116
         654754.20    4187488.65        2.17809                       654762.27
4187511.98        2.17933
         654770.34    4187535.32        2.17462                       654778.41
4187558.66        2.16508
         654786.48    4187581.99        2.15271                       654794.55
4187605.33        2.13948
         654802.62    4187628.66        2.12671                       654810.69
4187652.00        2.11495
         654818.76    4187675.34        2.10456                       654826.83
4187698.67        2.09539
         654834.90    4187722.01        2.08629                       654842.97
4187745.35        2.07559
         654851.04    4187768.68        2.06146                       654859.11
4187792.02        2.04220
         654867.19    4187815.35        2.01679                       654875.26
4187838.69        1.98522
         654883.33    4187862.03        1.94859                       654891.40
4187885.36        1.90892
         654899.47    4187908.70        1.86855                       654907.54
4187932.03        1.82952
         653847.74    4186778.00        1.13666                       653822.96
4186777.34        1.11681
         653798.18    4186776.68        1.09950                       653773.40
4186776.02        1.08512
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - -

4187110.52   1.40500
         654874.75   4187133.83   1.42602   654882.82
4187157.14   1.44641
         654890.88   4187180.45   1.46658   654898.94
4187203.76   1.48643
         654907.00   4187227.08   1.50545   654915.06
4187250.39   1.52270
         654923.13   4187273.70   1.53752   654931.19
4187297.01   1.55002
         654939.25   4187320.32   1.56059   654947.31
4187343.63   1.56956
         654955.37   4187366.94   1.57675   654963.43
4187390.26   1.58143
         654971.50   4187413.57   1.58278   654979.56
4187436.88   1.58058
         654987.62   4187460.19   1.57529   654995.68
4187483.50   1.56795
         655003.74   4187506.81   1.55973   655011.81
4187530.13   1.55149
         655019.87   4187553.44   1.54364   655027.93
4187576.75   1.53633
         655035.99   4187600.06   1.52988   655044.05
4187623.37   1.52440
         655052.12   4187646.68   1.51963   655060.18
4187669.99   1.51514
         655068.24   4187693.31   1.51020   655076.30
4187716.62   1.50381
         655084.36   4187739.93   1.49512   655092.43
4187763.24   1.48346
         655100.49   4187786.55   1.46843   655108.55
4187809.86   1.44993

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                      INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655116.61	4187833.17	1.42837	655124.67	4187856.49	1.40459
655132.73	4187879.80	1.37970	655140.80	4187903.11	1.35481
655148.86	4187926.42	1.33087	655156.92	4187949.73	1.30848
653854.42	4186528.09	0.81708	653829.64	4186527.43	0.80571
653804.86	4186526.77	0.79546	653780.08	4186526.11	0.78648
653755.30	4186525.44	0.77958	653730.53	4186524.78	0.77622
653883.49	4186288.47	0.63463	653905.89	4186298.75	0.64902
653928.29	4186309.03	0.66446	653950.69	4186319.32	0.68074
653973.09	4186329.60	0.69734	653995.49	4186339.89	0.71353
654017.89	4186350.17	0.72854	654040.29	4186360.46	0.74180
654062.69	4186370.74	0.75317	654085.09	4186381.03	0.76304
654107.49	4186391.31	0.77213	654129.89	4186401.60	0.78130
654152.29	4186411.88	0.79114	654174.69	4186422.16	0.80189
654197.09	4186432.45	0.81343	654219.49	4186442.73	0.82552
654241.89	4186453.02	0.83800	654264.29	4186463.30	0.85087
654286.69	4186473.59	0.86419	654309.09	4186483.87	0.87778
654331.49	4186494.16	0.89112	654353.90	4186504.44	0.90333
654376.30	4186514.73	0.91340	654398.70	4186525.01	0.92049
654421.10	4186535.29	0.92417	654443.50	4186545.58	0.92447
654465.90	4186555.86	0.92183	654488.30	4186566.15	0.91696
654510.70	4186576.43	0.91061	654533.10	4186586.72	0.90355
654555.50	4186597.00	0.89654	654577.90	4186607.29	0.89050
654600.30	4186617.57	0.88632	654622.70	4186627.86	0.88483

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         654645.10    4186638.14        0.88647                        654667.50
4186648.42        0.89122
         654689.90    4186658.71        0.89855                        654712.30
4186668.99        0.90755
         654734.70    4186679.28        0.91730                        654757.10
4186689.56        0.92702
         654779.50    4186699.85        0.93629                        654801.90
4186710.13        0.94492
         654824.30    4186720.42        0.95282                        654846.70
4186730.70        0.95973
         654869.10    4186740.99        0.96528                        654891.50
4186751.27        0.96902
         654913.90    4186761.55        0.97075                        654936.30
4186771.84        0.97062
         654958.70    4186782.12        0.96911                        654981.10
4186792.41        0.96685
         655011.55    4186825.99        0.98038                        655019.61
4186849.28        0.99673
         655027.67    4186872.58        1.01314                        655035.72
4186895.87        1.02924
         655043.78    4186919.17        1.04474                        655051.83
4186942.46        1.05946
         655059.89    4186965.76        1.07341                        655067.95
4186989.05        1.08677
         655076.00    4187012.34        1.09986                        655084.06
4187035.64        1.11297
         655092.12    4187058.93        1.12615                        655100.17
4187082.23        1.13921
         655108.23    4187105.52        1.15165                        655116.28
4187128.82        1.16299
         655124.34    4187152.11        1.17290                        655132.40
4187175.41        1.18142
         655140.45    4187198.70        1.18888                        655148.51
4187222.00        1.19557
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655156.56	4187245.29	1.20154	655164.62	4187268.58	1.20649
655172.68	4187291.88	1.20984	655180.73	4187315.17	1.21104
655188.79	4187338.47	1.20990	655196.84	4187361.76	1.20667
655204.90	4187385.06	1.20190	655212.96	4187408.35	1.19634
655221.01	4187431.65	1.19064	655229.07	4187454.94	1.18515
655237.12	4187478.24	1.18006	655245.18	4187501.53	1.17537
655253.24	4187524.83	1.17116	655261.29	4187548.12	1.16754
655269.35	4187571.41	1.16454	655277.40	4187594.71	1.16201
655285.46	4187618.00	1.15965	655293.52	4187641.30	1.15709
655301.57	4187664.59	1.15387	655309.63	4187687.89	1.14952
655317.68	4187711.18	1.14368	655325.74	4187734.48	1.13598
655333.80	4187757.77	1.12621	655341.85	4187781.07	1.11433
655349.91	4187804.36	1.10048	655357.96	4187827.65	1.08508
655366.02	4187850.95	1.06864	655374.08	4187874.24	1.05183
655382.13	4187897.54	1.03521	655390.19	4187920.83	1.01923
655398.25	4187944.13	1.00423	655406.30	4187967.42	0.99037
653861.09	4186278.18	0.62125	653836.31	4186277.52	0.61403
653811.54	4186276.86	0.60732	653786.76	4186276.19	0.60118
653761.98	4186275.53	0.59611	653737.20	4186274.87	0.59292
653890.16	4186038.55	0.50054	653912.55	4186048.83	0.51013
653934.93	4186059.11	0.52039	653957.32	4186069.39	0.53134
653979.71	4186079.67	0.54283	654002.10		

4186089.94   0.55458
         654024.49   4186100.22   0.56619   654046.88
4186110.50   0.57718
         654069.26   4186120.78   0.58712   654091.65
4186131.06   0.59578
         654114.04   4186141.34   0.60317   654136.43
4186151.62   0.60962
         654158.82   4186161.90   0.61562   654181.20
4186172.18   0.62169
         654203.59   4186182.46   0.62823   654225.98
4186192.74   0.63542
         654248.37   4186203.01   0.64321   654270.76
4186213.29   0.65141
         654293.15   4186223.57   0.65985   654315.53
4186233.85   0.66844
         654337.92   4186244.13   0.67727   654360.31
4186254.41   0.68643
         654382.70   4186264.69   0.69594   654405.09
4186274.97   0.70558
         654427.48   4186285.25   0.71489   654449.86
4186295.53   0.72325
         654472.25   4186305.81   0.73005   654494.64
4186316.08   0.73480
         654517.03   4186326.36   0.73728   654539.42
4186336.64   0.73752
         654561.81   4186346.92   0.73588   654584.19
4186357.20   0.73278
         654606.58   4186367.48   0.72860   654628.97
4186377.76   0.72371
         654651.36   4186388.04   0.71849   654673.75
4186398.32   0.71331
         654696.13   4186408.60   0.70863   654718.52
4186418.88   0.70495
         654740.91   4186429.16   0.70280   654763.30
4186439.43   0.70258
         654785.69   4186449.71   0.70446   654808.08
4186459.99   0.70833

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654830.46	4186470.27	0.71380	654852.85	4186480.55	0.72034
654875.24	4186490.83	0.72737	654897.63	4186501.11	0.73439
654920.02	4186511.39	0.74111	654942.41	4186521.67	0.74739
654964.79	4186531.95	0.75327	654987.18	4186542.23	0.75870
655009.57	4186552.50	0.76355	655031.96	4186562.78	0.76756
655054.35	4186573.06	0.77044	655076.74	4186583.34	0.77199
655099.12	4186593.62	0.77225	655121.51	4186603.90	0.77144
655143.90	4186614.18	0.76997	655166.29	4186624.46	0.76820
655196.73	4186658.02	0.77750	655204.78	4186681.30	0.78884
655212.83	4186704.58	0.80026	655220.88	4186727.87	0.81154
655228.94	4186751.15	0.82245	655236.99	4186774.43	0.83288
655245.04	4186797.71	0.84276	655253.09	4186821.00	0.85214
655261.14	4186844.28	0.86117	655269.19	4186867.56	0.87005
655277.25	4186890.84	0.87899	655285.30	4186914.12	0.88812
655293.35	4186937.41	0.89738	655301.40	4186960.69	0.90652
655309.45	4186983.97	0.91521	655317.51	4187007.25	0.92310
655325.56	4187030.54	0.93004	655333.61	4187053.82	0.93604
655341.66	4187077.10	0.94139	655349.71	4187100.38	0.94634
655357.76	4187123.66	0.95104	655365.82	4187146.95	0.95539
655373.87	4187170.23	0.95908	655381.92	4187193.51	0.96165

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         655389.97    4187216.79        0.96276                      655398.02
4187240.08        0.96222
         655406.07    4187263.36        0.96015                      655414.13
4187286.64        0.95689
         655422.18    4187309.92        0.95294                      655430.23
4187333.20        0.94875
         655438.28    4187356.49        0.94467                      655446.33
4187379.77        0.94085
         655454.39    4187403.05        0.93730                      655462.44
4187426.33        0.93404
         655470.49    4187449.62        0.93105                      655478.54
4187472.90        0.92836
         655486.59    4187496.18        0.92606                      655494.64
4187519.46        0.92418
         655502.70    4187542.74        0.92266                      655510.75
4187566.03        0.92132
         655518.80    4187589.31        0.91992                      655526.85
4187612.59        0.91820
         655534.90    4187635.87        0.91588                      655542.95
4187659.16        0.91275
         655551.01    4187682.44        0.90859                      655559.06
4187705.72        0.90323
         655567.11    4187729.00        0.89652                      655575.16
4187752.28        0.88843
         655583.21    4187775.57        0.87902                      655591.27
4187798.85        0.86848
         655599.32    4187822.13        0.85712                      655607.37
4187845.41        0.84528
         655615.42    4187868.70        0.83332                      655623.47
4187891.98        0.82156
         655631.52    4187915.26        0.81026                      655639.58
4187938.54        0.79961
         655647.63    4187961.83        0.78973                      655655.68
4187985.11        0.78065
         653867.77    4186028.27        0.49152                      653842.99
4186027.61        0.48660
         653818.21    4186026.95        0.48190                      653793.44
4186026.28        0.47747
         653768.66    4186025.62        0.47361                      653743.88
4186024.96        0.47080
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 356
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
```

INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653903.50	4185538.72	0.33875	653925.87	4185548.99	0.34372
653948.24	4185559.26	0.34895	653970.61	4185569.54	0.35448
653992.98	4185579.81	0.36034	654015.36	4185590.08	0.36652
654037.73	4185600.35	0.37296	654060.10	4185610.62	0.37957
654082.47	4185620.89	0.38620	654104.84	4185631.17	0.39266
654127.22	4185641.44	0.39874	654149.59	4185651.71	0.40427
654171.96	4185661.98	0.40914	654194.33	4185672.25	0.41330
654216.70	4185682.52	0.41687	654239.08	4185692.80	0.42001
654261.45	4185703.07	0.42297	654283.82	4185713.34	0.42599
654306.19	4185723.61	0.42927	654328.57	4185733.88	0.43292
654350.94	4185744.15	0.43696	654373.31	4185754.43	0.44131
654395.68	4185764.70	0.44585	654418.05	4185774.97	0.45045
654440.43	4185785.24	0.45503	654462.80	4185795.51	0.45961
654485.17	4185805.78	0.46428	654507.54	4185816.06	0.46914
654529.91	4185826.33	0.47428	654552.29	4185836.60	0.47968
654574.66	4185846.87	0.48524	654597.03	4185857.14	0.49071
654619.40	4185867.41	0.49581	654641.78	4185877.69	0.50026
654664.15	4185887.96	0.50380	654686.52	4185898.23	0.50627
654708.89	4185908.50	0.50760	654731.26		

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4185918.77        0.50782
         654753.64    4185929.04        0.50705                        654776.01
4185939.32        0.50548
         654798.38    4185949.59        0.50331                        654820.75
4185959.86        0.50075
         654843.12    4185970.13        0.49794                        654865.50
4185980.40        0.49498
         654887.87    4185990.67        0.49194                        654910.24
4186000.95        0.48890
         654932.61    4186011.22        0.48599                        654954.98
4186021.49        0.48339
         654977.36    4186031.76        0.48132                        654999.73
4186042.03        0.48001
         655022.10    4186052.30        0.47965                        655044.47
4186062.58        0.48033
         655066.85    4186072.85        0.48205                        655089.22
4186083.12        0.48471
         655111.59    4186093.39        0.48811                        655133.96
4186103.66        0.49200
         655156.33    4186113.94        0.49611                        655178.71
4186124.21        0.50020
         655201.08    4186134.48        0.50412                        655223.45
4186144.75        0.50778
         655245.82    4186155.02        0.51120                        655268.19
4186165.29        0.51443
         655290.57    4186175.57        0.51752                        655312.94
4186185.84        0.52046
         655335.31    4186196.11        0.52319                        655357.68
4186206.38        0.52557
         655380.06    4186216.65        0.52743                        655402.43
4186226.92        0.52865
         655424.80    4186237.20        0.52917                        655447.17
4186247.47        0.52905
         655469.54    4186257.74        0.52841                        655491.92
4186268.01        0.52747
         655514.29    4186278.28        0.52639                        655536.66
4186288.55        0.52533
         655567.08    4186322.09        0.53042                        655575.12
4186345.36        0.53663
         655583.17    4186368.62        0.54289                        655591.22
4186391.89        0.54914
         655599.26    4186415.15        0.55525                        655607.31
4186438.42        0.56116
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 357
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***

INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655615.35	4186461.68	0.56680	655623.40	4186484.95	0.57215
655631.45	4186508.21	0.57723	655639.49	4186531.48	0.58208
655647.54	4186554.75	0.58677	655655.58	4186578.01	0.59140
655663.63	4186601.28	0.59608	655671.68	4186624.54	0.60092
655679.72	4186647.81	0.60596	655687.77	4186671.07	0.61114
655695.81	4186694.34	0.61635	655703.86	4186717.60	0.62143
655711.91	4186740.87	0.62619	655719.95	4186764.13	0.63050
655728.00	4186787.40	0.63430	655736.04	4186810.67	0.63762
655744.09	4186833.93	0.64060	655752.14	4186857.20	0.64340
655760.18	4186880.46	0.64618	655768.23	4186903.73	0.64901
655776.27	4186926.99	0.65182	655784.32	4186950.26	0.65448
655792.37	4186973.52	0.65676	655800.41	4186996.79	0.65841
655808.46	4187020.06	0.65924	655816.50	4187043.32	0.65916
655824.55	4187066.59	0.65820	655832.60	4187089.85	0.65649
655840.64	4187113.12	0.65426	655848.69	4187136.38	0.65174
655856.73	4187159.65	0.64918	655864.78	4187182.91	0.64671
655872.83	4187206.18	0.64444	655880.87	4187229.44	0.64236

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         655888.92    4187252.71        0.64045                        655896.96
4187275.98        0.63866
         655905.01    4187299.24        0.63695                        655913.06
4187322.51        0.63533
         655921.10    4187345.77        0.63385                        655929.15
4187369.04        0.63254
         655937.19    4187392.30        0.63148                        655945.24
4187415.57        0.63066
         655953.29    4187438.83        0.63005                        655961.33
4187462.10        0.62956
         655969.38    4187485.36        0.62910                        655977.42
4187508.63        0.62855
         655985.47    4187531.90        0.62780                        655993.52
4187555.16        0.62676
         656001.56    4187578.43        0.62536                        656009.61
4187601.69        0.62351
         656017.65    4187624.96        0.62115                        656025.70
4187648.22        0.61821
         656033.75    4187671.49        0.61462                        656041.79
4187694.75        0.61035
         656049.84    4187718.02        0.60541                        656057.88
4187741.28        0.59986
         656065.93    4187764.55        0.59378                        656073.98
4187787.82        0.58732
         656082.02    4187811.08        0.58063                        656090.07
4187834.35        0.57383
         656098.11    4187857.61        0.56706                        656106.16
4187880.88        0.56044
         656114.20    4187904.14        0.55405                        656122.25
4187927.41        0.54797
         656130.30    4187950.67        0.54228                        656138.34
4187973.94        0.53701
         656146.39    4187997.20        0.53215                        656154.43
4188020.47        0.52770
         653881.12    4185528.45        0.33398                        653856.35
4185527.79        0.33128
         653831.57    4185527.12        0.32862                        653806.79
4185526.46        0.32602
         653782.01    4185525.80        0.32360                        653757.23
4185525.14        0.32154
         653916.84    4185038.89        0.24768                        653939.20
4185049.16        0.25064
         653961.56    4185059.43        0.25371                        653983.92
4185069.69        0.25690
         654006.29    4185079.96        0.26025                        654028.65
4185090.23        0.26377
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654051.01	4185100.49	0.26746	654073.37	4185110.76	0.27132
654095.73	4185121.03	0.27532	654118.09	4185131.30	0.27942
654140.46	4185141.56	0.28356	654162.82	4185151.83	0.28767
654185.18	4185162.10	0.29165	654207.54	4185172.36	0.29540
654229.90	4185182.63	0.29883	654252.26	4185192.90	0.30188
654274.63	4185203.16	0.30452	654296.99	4185213.43	0.30678
654319.35	4185223.70	0.30873	654341.71	4185233.96	0.31046
654364.07	4185244.23	0.31210	654386.43	4185254.50	0.31379
654408.80	4185264.77	0.31563	654431.16	4185275.03	0.31769
654453.52	4185285.30	0.32002	654475.88	4185295.57	0.32260
654498.24	4185305.83	0.32535	654520.60	4185316.10	0.32821
654542.97	4185326.37	0.33109	654565.33	4185336.63	0.33392
654587.69	4185346.90	0.33667	654610.05	4185357.17	0.33939
654632.41	4185367.43	0.34213	654654.77	4185377.70	0.34499
654677.14	4185387.97	0.34805	654699.50	4185398.23	0.35133
654721.86	4185408.50	0.35481	654744.22		

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4185418.77        0.35841
         654766.58    4185429.04        0.36200                       654788.94
4185439.30        0.36543
         654811.31    4185449.57        0.36853                       654833.67
4185459.84        0.37117
         654856.03    4185470.10        0.37325                       654878.39
4185480.37        0.37469
         654900.75    4185490.64        0.37548                       654923.11
4185500.90        0.37563
         654945.48    4185511.17        0.37519                       654967.84
4185521.44        0.37428
         654990.20    4185531.70        0.37300                       655012.56
4185541.97        0.37146
         655034.92    4185552.24        0.36978                       655057.28
4185562.51        0.36803
         655079.64    4185572.77        0.36622                       655102.01
4185583.04        0.36439
         655124.37    4185593.31        0.36252                       655146.73
4185603.57        0.36063
         655169.09    4185613.84        0.35876                       655191.45
4185624.11        0.35696
         655213.81    4185634.37        0.35535                       655236.18
4185644.64        0.35404
         655258.54    4185654.91        0.35315                       655280.90
4185665.17        0.35278
         655303.26    4185675.44        0.35299                       655325.62
4185685.71        0.35381
         655347.98    4185695.97        0.35519                       655370.35
4185706.24        0.35707
         655392.71    4185716.51        0.35935                       655415.07
4185726.78        0.36189
         655437.43    4185737.04        0.36456                       655459.79
4185747.31        0.36722
         655482.15    4185757.58        0.36977                       655504.52
4185767.84        0.37217
         655526.88    4185778.11        0.37438                       655549.24
4185788.38        0.37644
         655571.60    4185798.64        0.37838                       655593.96
4185808.91        0.38027
         655616.32    4185819.18        0.38214                       655638.69
4185829.44        0.38396
         655661.05    4185839.71        0.38570                       655683.41
4185849.98        0.38727
         655705.77    4185860.25        0.38857                       655728.13
4185870.51        0.38952
         655750.49    4185880.78        0.39006                       655772.86
4185891.05        0.39017
         655795.22    4185901.31        0.38992                       655817.58
4185911.58        0.38939
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                           *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL   ***
                           INCLUDING SOURCE(S):   VOL4   , VOL5
, VOL6   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

656130.44 4186544.28 0.46610 656138.49 4186567.53 0.46810
656146.53 4186590.79 0.46988 656154.57 4186614.04 0.47156
656162.61 4186637.30 0.47323 656170.65 4186660.55 0.47497
656178.70 4186683.81 0.47682 656186.74 4186707.06 0.47875
656194.78 4186730.32 0.48068 656202.82 4186753.57 0.48248
656210.87 4186776.82 0.48402 656218.91 4186800.08 0.48516
656226.95 4186823.33 0.48580 656234.99 4186846.59 0.48587
656243.03 4186869.84 0.48538 656251.08 4186893.10 0.48438
656259.12 4186916.35 0.48300 656267.16 4186939.61 0.48135
656275.20 4186962.86 0.47958 656283.25 4186986.12 0.47782
656291.29 4187009.37 0.47614 656299.33 4187032.62 0.47462
656307.37 4187055.88 0.47325 656315.41 4187079.13 0.47202
656323.46 4187102.39 0.47088 656331.50 4187125.64 0.46981
656339.54 4187148.90 0.46875 656347.58 4187172.15 0.46770
656355.63 4187195.41 0.46669 656363.67 4187218.66 0.46573
656371.71 4187241.92 0.46488 656379.75 4187265.17 0.46416
656387.79 4187288.43 0.46361 656395.84 4187311.68 0.46321
656403.88 4187334.93 0.46294 656411.92 4187358.19 0.46275
656419.96 4187381.44 0.46260 656428.01 4187404.70 0.46241
656436.05 4187427.95 0.46214 656444.09 4187451.21 0.46175
656452.13 4187474.46 0.46120 656460.17 4187497.72 0.46045
656468.22 4187520.97 0.45948 656476.26 4187544.23 0.45827
656484.30 4187567.48 0.45678 656492.34 4187590.74 0.45497
656500.39 4187613.99 0.45281 656508.43 4187637.24 0.45027
656516.47 4187660.50 0.44736 656524.51 4187683.75 0.44408

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656548.64	4187753.52	0.43253	656556.68	4187776.77	0.42833
656564.72	4187800.03	0.42405	656572.77	4187823.28	0.41976
656580.81	4187846.54	0.41551	656588.85	4187869.79	0.41134
656596.89	4187893.04	0.40730	656604.93	4187916.30	0.40341
656612.98	4187939.55	0.39973	656621.02	4187962.81	0.39629
656629.06	4187986.06	0.39310	656637.10	4188009.32	0.39017
656645.15	4188032.57	0.38748	656653.19	4188055.83	0.38500
653894.48	4185028.63	0.24479	653869.70	4185027.96	0.24311
653844.92	4185027.30	0.24142	653820.14	4185026.64	0.23974
653795.36	4185025.98	0.23811	653770.59	4185025.32	0.23664
653930.19	4184539.07	0.19059	653952.54	4184549.33	0.19253
653974.89	4184559.60	0.19453	653997.25	4184569.86	0.19658
654019.60	4184580.12	0.19872	654041.96		

4184590.39 0.20094
654064.31 4184600.65 0.20325 654086.67
4184610.91 0.20565
654109.02 4184621.18 0.20815 654131.37
4184631.44 0.21073
654153.73 4184641.70 0.21340 654176.08
4184651.97 0.21613
654198.44 4184662.23 0.21890 654220.79
4184672.49 0.22168
654243.15 4184682.76 0.22441 654265.50
4184693.02 0.22706
654287.85 4184703.28 0.22955 654310.21
4184713.55 0.23186
654332.56 4184723.81 0.23393 654354.92
4184734.08 0.23574
654377.27 4184744.34 0.23730 654399.63
4184754.60 0.23863
654421.98 4184764.87 0.23979 654444.33
4184775.13 0.24082
654466.69 4184785.39 0.24180 654489.04
4184795.66 0.24282
654511.40 4184805.92 0.24393 654533.75
4184816.18 0.24518
654556.11 4184826.45 0.24661 654578.46
4184836.71 0.24823
654600.82 4184846.97 0.25001 654623.17
4184857.24 0.25191
654645.52 4184867.50 0.25387 654667.88
4184877.76 0.25584
654690.23 4184888.03 0.25776 654712.59
4184898.29 0.25961
654734.94 4184908.56 0.26138 654757.30
4184918.82 0.26310
654779.65 4184929.08 0.26483 654802.00
4184939.35 0.26663
654824.36 4184949.61 0.26856 654846.71
4184959.87 0.27067
654869.07 4184970.14 0.27295 654891.42
4184980.40 0.27538
654913.78 4184990.66 0.27790 654936.13
4185000.93 0.28043
654958.48 4185011.19 0.28287 654980.84
4185021.45 0.28514
655003.19 4185031.72 0.28715 655025.55
4185041.98 0.28884
655047.90 4185052.24 0.29015 655070.26
4185062.51 0.29107
655092.61 4185072.77 0.29157 655114.96
4185083.04 0.29168
655137.32 4185093.30 0.29142 655159.67

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655271.44	4185154.88	0.28551	655293.80	4185165.14	0.28433
655316.15	4185175.41	0.28315	655338.51	4185185.67	0.28197
655360.86	4185195.93	0.28077	655383.22	4185206.20	0.27953
655405.57	4185216.46	0.27828	655427.93	4185226.72	0.27702
655450.28	4185236.99	0.27582	655472.63	4185247.25	0.27474
655494.99	4185257.52	0.27385	655517.34	4185267.78	0.27320
655539.70	4185278.04	0.27287	655562.05	4185288.31	0.27289
655584.41	4185298.57	0.27329	655606.76	4185308.83	0.27405
655629.11	4185319.10	0.27514	655651.47	4185329.36	0.27653
655673.82	4185339.62	0.27816	655696.18	4185349.89	0.27995
655718.53	4185360.15	0.28181	655740.89	4185370.41	0.28367

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         655763.24    4185380.68        0.28547                    655785.59
4185390.94        0.28716
         655807.95    4185401.20        0.28871                    655830.30
4185411.47        0.29013
         655852.66    4185421.73        0.29145                    655875.01
4185432.00        0.29269
         655897.37    4185442.26        0.29391                    655919.72
4185452.52        0.29513
         655942.07    4185462.79        0.29636                    655964.43
4185473.05        0.29759
         655986.78    4185483.31        0.29880                    656009.14
4185493.58        0.29992
         656031.49    4185503.84        0.30089                    656053.85
4185514.10        0.30165
         656076.20    4185524.37        0.30216                    656098.55
4185534.63        0.30239
         656120.91    4185544.89        0.30236                    656143.26
4185555.16        0.30209
         656165.62    4185565.42        0.30166                    656187.97
4185575.68        0.30112
         656210.33    4185585.95        0.30055                    656232.68
4185596.21        0.30000
         656255.04    4185606.48        0.29951                    656277.39
4185616.74        0.29910
         656307.78    4185650.25        0.30125                    656315.82
4185673.50        0.30381
         656323.86    4185696.74        0.30641                    656331.90
4185719.99        0.30901
         656339.94    4185743.24        0.31159                    656347.98
4185766.48        0.31412
         656356.02    4185789.73        0.31658                    656364.06
4185812.98        0.31895
         656372.10    4185836.23        0.32121                    656380.14
4185859.47        0.32337
         656388.18    4185882.72        0.32543                    656396.22
4185905.97        0.32739
         656404.26    4185929.21        0.32925                    656412.30
4185952.46        0.33104
         656420.34    4185975.71        0.33278                    656428.38
4185998.95        0.33450
         656436.42    4186022.20        0.33624                    656444.46
4186045.45        0.33804
         656452.50    4186068.69        0.33992                    656460.54
4186091.94        0.34192
         656468.58    4186115.19        0.34403                    656476.61
4186138.44        0.34623
         656484.65    4186161.68        0.34850                    656492.69
4186184.93        0.35078
         656500.73    4186208.18        0.35299                    656508.77
4186231.42        0.35509
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656581.13	4186440.65	0.36700	656589.17	4186463.89	0.36830
656597.21	4186487.14	0.36969	656605.25	4186510.39	0.37112
656613.29	4186533.63	0.37254	656621.33	4186556.88	0.37385
656629.37	4186580.13	0.37496	656637.41	4186603.37	0.37578
656645.45	4186626.62	0.37627	656653.49	4186649.87	0.37638
656661.53	4186673.12	0.37610	656669.56	4186696.36	0.37548
656677.60	4186719.61	0.37457	656685.64	4186742.86	0.37344
656693.68	4186766.10	0.37217	656701.72	4186789.35	0.37085
656709.76	4186812.60	0.36955	656717.80	4186835.84	0.36833
656725.84	4186859.09	0.36722	656733.88		

4186882.34 0.36623
656741.92 4186905.59 0.36536 656749.96
4186928.83 0.36457
656758.00 4186952.08 0.36385 656766.04
4186975.33 0.36315
656774.08 4186998.57 0.36246 656782.12
4187021.82 0.36175
656790.16 4187045.07 0.36102 656798.20
4187068.31 0.36030
656806.24 4187091.56 0.35962 656814.28
4187114.81 0.35899
656822.32 4187138.05 0.35846 656830.36
4187161.30 0.35804
656838.40 4187184.55 0.35773 656846.44
4187207.80 0.35754
656854.47 4187231.04 0.35743 656862.51
4187254.29 0.35738
656870.55 4187277.54 0.35736 656878.59
4187300.78 0.35732
656886.63 4187324.03 0.35725 656894.67
4187347.28 0.35711
656902.71 4187370.52 0.35689 656910.75
4187393.77 0.35658
656918.79 4187417.02 0.35615 656926.83
4187440.27 0.35560
656934.87 4187463.51 0.35492 656942.91
4187486.76 0.35409
656950.95 4187510.01 0.35308 656958.99
4187533.25 0.35189
656967.03 4187556.50 0.35048 656975.07
4187579.75 0.34885
656983.11 4187602.99 0.34698 656991.15
4187626.24 0.34488
656999.19 4187649.49 0.34257 657007.23
4187672.73 0.34006
657015.27 4187695.98 0.33740 657023.31
4187719.23 0.33462
657031.35 4187742.48 0.33177 657039.39
4187765.72 0.32887
657047.42 4187788.97 0.32596 657055.46
4187812.22 0.32305
657063.50 4187835.46 0.32018 657071.54
4187858.71 0.31735
657079.58 4187881.96 0.31458 657087.62
4187905.20 0.31191
657095.66 4187928.45 0.30936 657103.70
4187951.70 0.30694
657111.74 4187974.95 0.30468 657119.78
4187998.19 0.30258
657127.82 4188021.44 0.30066 657135.86

4188044.69   0.29891
         657143.90   4188067.93   0.29730   657151.94
4188091.18   0.29580
         653907.83   4184528.80   0.18867   653883.05
4184528.14   0.18753
         653858.27   4184527.48   0.18638   653833.50
4184526.82   0.18522
         653808.72   4184526.16   0.18406   653783.94
4184525.49   0.18297
         653943.53   4184039.24   0.15204   653965.88
4184049.51   0.15341

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

654345.81 4184223.94 0.18282 654368.16 4184234.20 0.18457
654390.51 4184244.47 0.18621 654412.86 4184254.73 0.18769
654435.21 4184264.99 0.18901 654457.56 4184275.25 0.19016
654479.91 4184285.51 0.19114 654502.26 4184295.77 0.19199
654524.61 4184306.03 0.19272 654546.95 4184316.29 0.19337
654569.30 4184326.55 0.19400 654591.65 4184336.81 0.19465
654614.00 4184347.08 0.19536 654636.35 4184357.34 0.19616
654658.70 4184367.60 0.19708 654681.05 4184377.86 0.19814
654703.40 4184388.12 0.19933 654725.75 4184398.38 0.20063
654748.09 4184408.64 0.20202 654770.44 4184418.90 0.20345
654792.79 4184429.16 0.20489 654815.14 4184439.42 0.20629
654837.49 4184449.69 0.20763 654859.84 4184459.95 0.20889
654882.19 4184470.21 0.21008 654904.54 4184480.47 0.21122
654926.89 4184490.73 0.21237 654949.23 4184500.99 0.21355
654971.58 4184511.25 0.21483 654993.93 4184521.51 0.21624
655016.28 4184531.77 0.21779 655038.63 4184542.04 0.21947
655060.98 4184552.30 0.22127 655083.33 4184562.56 0.22314
655105.68 4184572.82 0.22502 655128.03 4184583.08 0.22684
655150.37 4184593.34 0.22857 655172.72 4184603.60 0.23013
655195.07 4184613.86 0.23150 655217.42 4184624.12 0.23264
655239.77 4184634.38 0.23352 655262.12 4184644.65 0.23414
655284.47 4184654.91 0.23449 655306.82 4184665.17 0.23457
655329.17 4184675.43 0.23440 655351.51 4184685.69 0.23400
655373.86 4184695.95 0.23342 655396.21 4184706.21 0.23270
655418.56 4184716.47 0.23189 655440.91 4184726.73 0.23103

```
         655463.26    4184736.99        0.23017                       655485.61
4184747.26        0.22933
         655507.96    4184757.52        0.22851                       655530.31
4184767.78        0.22773
         655552.65    4184778.04        0.22696                       655575.00
4184788.30        0.22619
         655597.35    4184798.56        0.22539                       655619.70
4184808.82        0.22457
         655642.05    4184819.08        0.22371                       655664.40
4184829.34        0.22282
         655686.75    4184839.61        0.22194                       655709.10
4184849.87        0.22109
         655731.45    4184860.13        0.22032                       655753.79
4184870.39        0.21967
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 364
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         655776.14    4184880.65        0.21919                       655798.49
4184890.91        0.21890
         655820.84    4184901.17        0.21884                       655843.19
4184911.43        0.21902
         655865.54    4184921.69        0.21945                       655887.89
4184931.95        0.22011
         655910.24    4184942.22        0.22100                       655932.59
4184952.48        0.22207
         655954.93    4184962.74        0.22329                       655977.28
4184973.00        0.22462
         655999.63    4184983.26        0.22600                       656021.98
4184993.52        0.22739
         656044.33    4185003.78        0.22874                       656066.68
```

4185014.04 0.23001
656089.03 4185024.30 0.23118 656111.38
4185034.57 0.23224
656133.73 4185044.83 0.23319 656156.07
4185055.09 0.23406
656178.42 4185065.35 0.23487 656200.77
4185075.61 0.23568
656223.12 4185085.87 0.23651 656245.47
4185096.13 0.23735
656267.82 4185106.39 0.23823 656290.17
4185116.65 0.23913
656312.52 4185126.91 0.24002 656334.87
4185137.18 0.24087
656357.22 4185147.44 0.24163 656379.56
4185157.70 0.24226
656401.91 4185167.96 0.24272 656424.26
4185178.22 0.24300
656446.61 4185188.48 0.24308 656468.96
4185198.74 0.24299
656491.31 4185209.00 0.24274 656513.66
4185219.26 0.24238
656536.01 4185229.52 0.24195 656558.36
4185239.79 0.24149
656580.70 4185250.05 0.24106 656603.05
4185260.31 0.24066
656625.40 4185270.57 0.24033 656647.75
4185280.83 0.24007
656678.14 4185314.33 0.24163 656686.17
4185337.57 0.24344
656694.21 4185360.81 0.24528 656702.25
4185384.06 0.24714
656710.29 4185407.30 0.24898 656718.33
4185430.54 0.25079
656726.36 4185453.78 0.25256 656734.40
4185477.02 0.25426
656742.44 4185500.26 0.25591 656750.48
4185523.50 0.25747
656758.51 4185546.75 0.25898 656766.55
4185569.99 0.26043
656774.59 4185593.23 0.26181 656782.63
4185616.47 0.26313
656790.66 4185639.71 0.26440 656798.70
4185662.95 0.26561
656806.74 4185686.19 0.26679 656814.78
4185709.43 0.26795
656822.81 4185732.68 0.26912 656830.85
4185755.92 0.27032
656838.89 4185779.16 0.27156 656846.93
4185802.40 0.27288
656854.97 4185825.64 0.27428 656863.00

4185848.88   0.27578
         656871.04   4185872.12   0.27735   656879.08
4185895.37   0.27898
         656887.12   4185918.61   0.28063   656895.15
4185941.85   0.28226
         656903.19   4185965.09   0.28382   656911.23
4185988.33   0.28528
         656919.27   4186011.57   0.28660   656927.30
4186034.81   0.28777
         656935.34   4186058.05   0.28877   656943.38
4186081.30   0.28963
         656951.42   4186104.54   0.29039   656959.45
4186127.78   0.29108
         656967.49   4186151.02   0.29175   656975.53
4186174.26   0.29245
         656983.57   4186197.50   0.29322   656991.60
4186220.74   0.29407

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

657080.02 4186476.40 0.30219 657088.06
4186499.64 0.30179
657096.09 4186522.88 0.30117 657104.13
4186546.12 0.30036
657112.17 4186569.36 0.29943 657120.21
4186592.60 0.29842
657128.24 4186615.85 0.29738 657136.28
4186639.09 0.29637
657144.32 4186662.33 0.29543 657152.36
4186685.57 0.29457
657160.40 4186708.81 0.29382 657168.43
4186732.05 0.29316
657176.47 4186755.29 0.29258 657184.51
4186778.54 0.29206
657192.55 4186801.78 0.29158 657200.58
4186825.02 0.29111
657208.62 4186848.26 0.29063 657216.66
4186871.50 0.29013
657224.70 4186894.74 0.28961 657232.73
4186917.98 0.28907
657240.77 4186941.22 0.28853 657248.81
4186964.47 0.28800
657256.85 4186987.71 0.28752 657264.88
4187010.95 0.28710
657272.92 4187034.19 0.28676 657280.96
4187057.43 0.28651
657289.00 4187080.67 0.28634 657297.03
4187103.91 0.28625
657305.07 4187127.16 0.28621 657313.11
4187150.40 0.28622
657321.15 4187173.64 0.28625 657329.19
4187196.88 0.28628
657337.22 4187220.12 0.28628 657345.26
4187243.36 0.28625
657353.30 4187266.60 0.28617 657361.34
4187289.84 0.28603
657369.37 4187313.09 0.28583 657377.41
4187336.33 0.28556
657385.45 4187359.57 0.28522 657393.49
4187382.81 0.28480
657401.52 4187406.05 0.28429 657409.56
4187429.29 0.28368
657417.60 4187452.53 0.28297 657425.64
4187475.77 0.28213
657433.67 4187499.02 0.28116 657441.71
4187522.26 0.28004
657449.75 4187545.50 0.27877 657457.79
4187568.74 0.27734
657465.83 4187591.98 0.27576 657473.86
4187615.22 0.27404

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
657481.90	4187638.46	0.27221	657489.94	4187661.71	0.27027
657497.98	4187684.95	0.26829	657506.01	4187708.19	0.26624
657514.05	4187731.43	0.26417	657522.09	4187754.67	0.26209
657530.13	4187777.91	0.26001	657538.16	4187801.15	0.25793
657546.20	4187824.39	0.25587	657554.24	4187847.64	0.25384
657562.28	4187870.88	0.25184	657570.31	4187894.12	0.24989
657578.35	4187917.36	0.24800	657586.39	4187940.60	0.24620
657594.43	4187963.84	0.24450	657602.46	4187987.08	0.24292
657610.50	4188010.33	0.24147	657618.54	4188033.57	0.24013
657626.58	4188056.81	0.23892	657634.62	4188080.05	0.23780
657642.65	4188103.29	0.23678	657650.69	4188126.53	0.23582
653921.18	4184028.98	0.15069	653896.41	4184028.32	0.14988
653871.63	4184027.66	0.14905	653846.85	4184027.00	0.14820
653822.07	4184026.34	0.14736	653797.29		

4184025.67 0.14654
653669.49 4187873.21 56.94689 653667.67
4187914.98 96.92818
653665.85 4187956.74 176.79339 653652.45
4187854.92 39.76298
653643.61 4187893.01 54.16329 653641.79
4187934.77 85.78448
653639.97 4187976.53 110.32380 653627.47
4187853.84 31.86694
653661.05 4187812.73 30.25622 653618.63
4187891.92 42.34409
653616.81 4187933.68 60.16281 653614.99
4187975.44 73.92546
653602.50 4187852.75 26.62718 653618.36
4187818.35 22.93624
653644.00 4187794.45 23.53233 653593.65
4187890.83 33.71493
653591.83 4187932.59 44.75882 653590.01
4187974.36 53.39252
653552.54 4187850.57 19.54032 653568.40
4187816.17 17.04775
653584.26 4187781.77 15.14970 653609.91
4187757.87 15.46432
653645.34 4187744.46 17.42730 653543.70
4187888.65 22.74803
653541.88 4187930.42 27.91295 653540.06
4187972.18 32.06838
653502.59 4187848.39 14.66338 653518.45
4187813.99 13.49502
653534.31 4187779.60 11.97657 653550.17
4187745.20 10.86719
653575.82 4187721.30 11.02643 653611.24
4187707.89 12.32749
653646.67 4187694.48 13.25177 653493.75
4187886.47 16.50632
653491.93 4187928.24 19.29897 653490.11
4187970.00 21.64812
653452.64 4187846.22 11.38546 653468.50
4187811.82 10.80165
653484.36 4187777.42 9.91695 653500.22
4187743.02 8.94608
653516.08 4187708.62 8.23717 653541.72
4187684.72 8.32095
653577.15 4187671.31 9.16498 653612.58
4187657.91 10.01015
653648.01 4187644.50 10.29395 653443.80
4187884.30 12.57211
653441.98 4187926.06 14.26402 653440.16
4187967.83 15.72980
653403.41 4187842.48 9.13344 653420.71

4187804.95   8.69504
         653438.01   4187767.42   8.16247   653455.31
4187729.90   7.40209
         653472.62   4187692.37   6.76596   653509.24
4187647.54   6.56501
         653547.89   4187632.91   7.19098   653586.54
4187618.28   7.88523
         653625.19   4187603.66   8.25331   653663.83
4187589.03   8.03651
         653393.84   4187882.12   9.91699   653392.02
4187923.88   11.04207
         653390.20   4187965.65   12.02071   653353.34
4187840.54   7.54033
         653370.42   4187803.50   7.19180   653387.50
4187766.45   6.90652
         653404.59   4187729.41   6.45094   653421.67
4187692.36   5.90211
         653438.75   4187655.32   5.46731   653474.90
4187611.05   5.31597
         653513.06   4187596.62   5.74622   653551.21
4187582.18   6.25844
         653589.36   4187567.74   6.69177   653627.51
4187553.30   6.77250

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5
, VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

653253.29 4187836.50 5.40142 653270.09
4187800.08 5.22317
653286.88 4187763.65 5.03107 653303.68
4187727.23 4.88741
653320.47 4187690.81 4.65672 653337.26
4187654.39 4.35034
653354.06 4187617.97 4.05327 653370.85
4187581.54 3.82200
653406.40 4187538.02 3.72734 653443.91
4187523.83 3.96024
653481.42 4187509.63 4.22474 653518.93
4187495.44 4.54048
653556.44 4187481.24 4.79228 653593.96
4187467.05 4.86647
653631.47 4187452.85 4.75441 653668.98
4187438.66 4.52702
653243.99 4187875.59 5.65451 653242.17
4187917.35 6.10184
653240.35 4187959.12 6.48109 653153.71
4187831.44 4.06777
653171.16 4187793.60 3.99174 653188.61
4187755.76 3.84707
653206.06 4187717.92 3.73683 653223.50
4187680.08 3.64609
653240.95 4187642.24 3.49357 653258.40
4187604.41 3.29542
653275.84 4187566.57 3.09097 653293.29
4187528.73 2.92624
653310.74 4187490.89 2.78767 653338.95
4187464.60 2.78700
653377.92 4187449.85 2.93803 653416.89
4187435.10 3.09853
653455.86 4187420.36 3.29801 653494.83
4187405.61 3.51394
653533.80 4187390.86 3.65760 653572.76
4187376.11 3.68421
653611.73 4187361.36 3.60117 653650.70
4187346.62 3.45620
653144.08 4187871.24 4.23292 653142.26
4187913.00 4.50522
653140.44 4187954.76 4.73752 653053.68
4187827.37 3.19163
653070.86 4187790.10 3.15522 653088.04
4187752.84 3.08405
653105.23 4187715.57 2.98257 653122.41
4187678.31 2.91665
653139.59 4187641.04 2.86215 653156.77
4187603.78 2.77000
653173.96 4187566.51 2.64337 653191.14
4187529.25 2.50389

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         653208.32    4187491.98        2.37349                      653225.50
4187454.72        2.27066
         653242.69    4187417.45        2.17875                      653270.47
4187391.56        2.17461
         653308.85    4187377.03        2.27302                      653347.23
4187362.51        2.37745
         653385.61    4187347.99        2.49038                      653423.98
4187333.46        2.63821
         653462.36    4187318.94        2.78471                      653500.74
4187304.41        2.88100
         653539.12    4187289.89        2.90937                      653577.50
4187275.37        2.86684
         653615.88    4187260.84        2.78475                      653654.26
4187246.32        2.66649
         653044.18    4187866.88        3.30924                      653042.36
4187908.65        3.48453
         653040.54    4187950.41        3.63775                      652953.68
4187823.22        2.58537
         652970.67    4187786.36        2.55653                      652987.67
4187749.51        2.52885
         653004.66    4187712.65        2.46399                      653021.65
4187675.80        2.39396
         653038.65    4187638.94        2.35157                      653055.64
4187602.09        2.31631
         653072.63    4187565.23        2.25904                      653089.63
4187528.38        2.17353
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653106.62    4187491.52        2.07796                      653123.62
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4187454.66 1.97958
653140.61 4187417.81 1.89404 653157.60
4187380.95 1.82383
653174.60 4187344.10 1.75813 653202.07
4187318.49 1.75254
653240.03 4187304.12 1.81945 653277.99
4187289.76 1.89533
653315.95 4187275.39 1.96633 653353.90
4187261.03 2.05531
653391.86 4187246.67 2.16809 653429.82
4187232.30 2.27124
653467.78 4187217.94 2.33899 653505.73
4187203.57 2.36476
653543.69 4187189.21 2.34358 653581.65
4187174.84 2.29124
653619.61 4187160.48 2.22373 653657.56
4187146.11 2.12380
652944.27 4187862.53 2.67066 652942.45
4187904.29 2.78859
652940.63 4187946.06 2.89532 652853.97
4187818.43 2.14675
652871.37 4187780.70 2.11931 652888.77
4187742.98 2.10392
652906.16 4187705.25 2.07111 652923.56
4187667.52 2.01291
652940.95 4187629.79 1.96619 652958.35
4187592.07 1.93891
652975.74 4187554.34 1.91258 652993.14
4187516.61 1.86862
653010.54 4187478.88 1.80300 653027.93
4187441.16 1.73125
653045.33 4187403.43 1.65600 653062.72
4187365.70 1.58645
653080.12 4187327.97 1.52984 653097.51
4187290.25 1.47928
653134.34 4187245.17 1.44914 653173.19
4187230.46 1.49744
653212.05 4187215.76 1.55619 653250.91
4187201.05 1.60895
653289.76 4187186.35 1.66599 653328.62
4187171.65 1.74572
653367.47 4187156.94 1.83473 653406.33
4187142.24 1.90628
653445.18 4187127.53 1.95068 653484.04
4187112.83 1.96697
653522.89 4187098.12 1.94752 653561.75
4187083.42 1.90646
653600.60 4187068.72 1.85720 653639.46
4187054.01 1.78591
653678.32 4187039.31 1.68964 652844.37

4187858.18   2.20916
         652842.55   4187899.94   2.29157   652840.73
4187941.70   2.36918
         652604.24   4187807.49   1.45633   652621.68
4187769.65   1.43786
         652639.13   4187731.81   1.42251   652656.58
4187693.98   1.41620
         652674.02   4187656.14   1.40586   652691.47
4187618.30   1.37856
         652708.92   4187580.46   1.34467   652726.37
4187542.62   1.32115
         652743.81   4187504.78   1.30721   652761.26
4187466.95   1.29524
         652778.71   4187429.11   1.28027   652796.15
4187391.27   1.25423
         652813.60   4187353.43   1.21720   652831.05
4187315.59   1.17859
         652848.49   4187277.75   1.13935   652865.94
4187239.92   1.09921
         652883.39   4187202.08   1.06350   652900.83
4187164.24   1.03349
         652918.28   4187126.40   1.00625   652935.73
4187088.56   0.97968
         652963.94   4187062.27   0.97547   653002.91
4187047.52   0.99799
         653041.88   4187032.77   1.02916   653080.85
4187018.03   1.06167
         653119.82   4187003.28   1.08781   653158.79
4186988.53   1.11426

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC

- - - -

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         653105.85    4186761.18        0.85524                      653144.89
4186746.40        0.88827
         653183.94    4186731.63        0.91947                      653222.98
4186716.86        0.94368
         653262.02    4186702.08        0.96042                      653301.06
4186687.31        0.97176
         653340.10    4186672.53        0.97730                      653379.15
4186657.76        0.97450
         653418.19    4186642.98        0.96358                      653457.23
4186628.21        0.94896
         653496.27    4186613.43        0.93474                      653535.31
4186598.66        0.91982
         653574.36    4186583.88        0.89837                      653613.40
4186569.11        0.86653
         653652.44    4186554.33        0.82872                      653691.48
4186539.56        0.79589
         652344.84    4187836.41        1.07623                      652343.02
4187878.17        1.09683
         652341.20    4187919.94        1.12006                      652104.74
4187785.66        0.81507
         652122.24    4187747.71        0.81154                      652139.74
4187709.75        0.80371
         652157.24    4187671.79        0.79445                      652174.74
4187633.83        0.78812
         652192.25    4187595.88        0.78648                      652209.75
4187557.92        0.78626
         652227.25    4187519.96        0.78168                      652244.75
4187482.01        0.76994
         652262.25    4187444.05        0.75443                      652279.75
4187406.09        0.74147
         652297.26    4187368.14        0.73379                      652314.76
4187330.18        0.72903
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652332.26	4187292.22	0.72434	652349.76	4187254.27	0.71963
652367.26	4187216.31	0.71525	652384.76	4187178.35	0.70860
652402.27	4187140.39	0.69656	652419.77	4187102.44	0.68043
652437.27	4187064.48	0.66434	652454.77	4187026.52	0.64955
652472.27	4186988.57	0.63432	652489.77	4186950.61	0.61826
652507.28	4186912.65	0.60317	652524.78	4186874.70	0.59008
652542.28	4186836.74	0.57833	652559.78	4186798.78	0.56713
652577.28	4186760.82	0.55644	652594.78	4186722.87	0.54615
652623.08	4186696.49	0.54429	652662.17	4186681.70	0.55136
652701.26	4186666.91	0.56083	652740.36	4186652.11	0.57384
652779.45	4186637.32	0.58844	652818.54	4186622.52	0.60081
652857.63	4186607.73	0.60947	652896.72	4186592.94	0.61714
652935.82	4186578.14	0.62814	652974.91	4186563.35	0.64471
653014.00	4186548.56	0.66581	653053.09	4186533.76	0.68851
653092.18	4186518.97	0.70909	653131.28	4186504.17	0.72499
653170.37	4186489.38	0.73628	653209.46	4186474.59	0.74456
653248.55	4186459.79	0.75030	653287.64	4186445.00	0.75212
653326.74	4186430.21	0.74860	653365.83	4186415.41	0.74053
653404.92	4186400.62	0.73057	653444.01	4186385.82	0.72119
653483.10	4186371.03	0.71240	653522.20	4186356.24	0.70144
653561.29	4186341.44	0.68479	653600.38	4186326.65	0.66148
653639.47	4186311.86	0.63504	653678.56	4186297.06	0.61191
652095.08	4187825.52	0.82150	652093.26		

4187867.29   0.83370
         652091.44   4187909.05   0.84843   651854.85
4187775.04   0.64770
         651872.11   4187737.61   0.64702   651889.38
4187700.17   0.64324
         651906.64   4187662.74   0.63685   651923.90
4187625.31   0.63002
         651941.16   4187587.87   0.62542   651958.42
4187550.44   0.62422
         651975.68   4187513.00   0.62486   651992.94
4187475.57   0.62401
         652010.20   4187438.14   0.61877   652027.46
4187400.70   0.60902
         652044.72   4187363.27   0.59780   652061.98
4187325.84   0.58887
         652079.24   4187288.40   0.58361   652096.50
4187250.97   0.58054
         652113.76   4187213.54   0.57754   652131.02
4187176.10   0.57404
         652148.28   4187138.67   0.57089   652165.54
4187101.23   0.56828
         652182.80   4187063.80   0.56427   652200.06
4187026.37   0.55661
         652217.32   4186988.93   0.54559   652234.58
4186951.50   0.53386
         652251.84   4186914.07   0.52332   652269.10
4186876.63   0.51346
         652286.36   4186839.20   0.50298   652303.62
4186801.77   0.49196
         652320.88   4186764.33   0.48153   652338.14
4186726.90   0.47240
         652355.40   4186689.46   0.46421   652372.67
4186652.03   0.45630
         652389.93   4186614.60   0.44858   652407.19
4186577.16   0.44130

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652424.45	4186539.73	0.43439	652452.35	4186513.72	0.43322
652490.91	4186499.13	0.43781	652529.46	4186484.54	0.44341
652568.01	4186469.95	0.45117	652606.57	4186455.36	0.46111
652645.12	4186440.77	0.47147	652683.67	4186426.18	0.47986
652722.22	4186411.59	0.48548	652760.78	4186397.00	0.48992
652799.33	4186382.41	0.49588	652837.88	4186367.82	0.50523
652876.44	4186353.23	0.51820	652914.99	4186338.64	0.53365
652953.54	4186324.05	0.54968	652992.10	4186309.46	0.56418
653030.65	4186294.87	0.57571	653069.20	4186280.28	0.58415
653107.75	4186265.69	0.59047	653146.31	4186251.10	0.59560
653184.86	4186236.51	0.59932	653223.41	4186221.92	0.60047
653261.97	4186207.33	0.59822	653300.52	4186192.74	0.59288
653339.07	4186178.15	0.58592	653377.63	4186163.56	0.57903
653416.18	4186148.97	0.57298	653454.73	4186134.38	0.56713
653493.28	4186119.79	0.55961	653531.84	4186105.20	0.54836
653570.39	4186090.61	0.53259	653608.94	4186076.02	0.51381
653647.50	4186061.43	0.49546	653686.05	4186046.84	0.48123
651845.31	4187814.64	0.65092	651843.49	4187856.40	0.65868
651841.67	4187898.17	0.66860	651355.37	4187753.19	0.44122
651372.70	4187715.59	0.44238	651390.04	4187677.99	0.44207
651407.38	4187640.39	0.44003	651424.71	4187602.80	0.43641

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         651442.05    4187565.20        0.43195                        651459.38
4187527.60        0.42792
         651476.72    4187490.00        0.42547                        651494.06
4187452.40        0.42499
         651511.39    4187414.80        0.42588                        651528.73
4187377.21        0.42678
         651546.07    4187339.61        0.42617                        651563.40
4187302.01        0.42302
         651580.74    4187264.41        0.41740                        651598.07
4187226.81        0.41062
         651615.41    4187189.21        0.40454                        651632.75
4187151.62        0.40043
         651650.08    4187114.02        0.39827                        651667.42
4187076.42        0.39707
         651684.76    4187038.82        0.39573                        651702.09
4187001.22        0.39376
         651719.43    4186963.62        0.39152                        651736.77
4186926.03        0.38975
         651754.10    4186888.43        0.38873                        651771.44
4186850.83        0.38765
         651788.77    4186813.23        0.38508                        651806.11
4186775.63        0.38024
         651823.45    4186738.03        0.37364                        651840.78
4186700.44        0.36670
         651858.12    4186662.84        0.36052                        651875.46
4186625.24        0.35519
         651892.79    4186587.64        0.34996                        651910.13
4186550.04        0.34427
         651927.46    4186512.44        0.33819                        651944.80
4186474.85        0.33229
         651962.14    4186437.25        0.32703                        651979.47
4186399.65        0.32242
         651996.81    4186362.05        0.31813                        652014.15
4186324.45        0.31371
         652031.48    4186286.85        0.30917                        652048.82
4186249.26        0.30481
         652066.15    4186211.66        0.30089                        652083.49
4186174.06        0.29730
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652111.52	4186147.93	0.29685	652150.24	4186133.28	0.29938
652188.97	4186118.62	0.30198	652227.69	4186103.97	0.30522
652266.41	4186089.32	0.30967	652305.13	4186074.66	0.31534
652343.86	4186060.01	0.32152	652382.58	4186045.35	0.32709
652421.30	4186030.70	0.33117	652460.02	4186016.05	0.33367
652498.75	4186001.39	0.33542	652537.47	4185986.74	0.33770
652576.19	4185972.08	0.34150	652614.91	4185957.43	0.34724
652653.64	4185942.78	0.35474	652692.36	4185928.12	0.36348
652731.08	4185913.47	0.37274	652769.81	4185898.81	0.38170
652808.53	4185884.16	0.38951	652847.25	4185869.51	0.39569
652885.97	4185854.85	0.40026	652924.70	4185840.20	0.40374
652963.42	4185825.54	0.40675	653002.14	4185810.89	0.40951
653040.86	4185796.24	0.41171	653079.59	4185781.58	0.41274
653118.31	4185766.93	0.41219	653157.03	4185752.28	0.40999
653195.75	4185737.62	0.40651	653234.48	4185722.97	0.40244
653273.20	4185708.31	0.39848	653311.92	4185693.66	0.39503
653350.65	4185679.01	0.39205	653389.37	4185664.35	0.38906
653428.09	4185649.70	0.38525	653466.81	4185635.04	0.37970
653505.54	4185620.39	0.37182	653544.26	4185605.74	0.36177
653582.98	4185591.08	0.35052	653621.70		

4185576.43   0.33966
         653660.43   4185561.77   0.33080   653699.15
4185547.12   0.32496
         651345.79   4187792.87   0.44189   651343.97
4187834.63   0.44539
         651342.15   4187876.40   0.45033   650855.87
4187731.37   0.32255
         650873.25   4187693.66   0.32376   650890.64
4187655.95   0.32428
         650908.02   4187618.25   0.32426   650925.41
4187580.54   0.32328
         650942.80   4187542.84   0.32125   650960.18
4187505.13   0.31830
         650977.57   4187467.42   0.31541   650994.95
4187429.72   0.31278
         651012.34   4187392.01   0.31145   651029.72
4187354.31   0.31117
         651047.11   4187316.60   0.31205   651064.50
4187278.89   0.31296
         651081.88   4187241.19   0.31364   651099.27
4187203.48   0.31300
         651116.65   4187165.78   0.31092   651134.04
4187128.07   0.30724
         651151.43   4187090.36   0.30267   651168.81
4187052.66   0.29831
         651186.20   4187014.95   0.29497   651203.58
4186977.25   0.29296
         651220.97   4186939.54   0.29205   651238.36
4186901.83   0.29161
         651255.74   4186864.13   0.29104   651273.13
4186826.42   0.28999
         651290.51   4186788.72   0.28849   651307.90
4186751.01   0.28693
         651325.29   4186713.30   0.28582   651342.67
4186675.60   0.28536
         651360.06   4186637.89   0.28520   651377.44
4186600.19   0.28452
         651394.83   4186562.48   0.28261   651412.22
4186524.77   0.27925
         651429.60   4186487.07   0.27491   651446.99
4186449.36   0.27038

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651464.37	4186411.66	0.26632	651481.76	4186373.95	0.26290
651499.15	4186336.24	0.25987	651516.53	4186298.54	0.25673
651533.92	4186260.83	0.25325	651551.30	4186223.13	0.24950
651568.69	4186185.42	0.24576	651586.08	4186147.71	0.24234
651603.46	4186110.01	0.23936	651620.85	4186072.30	0.23668
651638.23	4186034.60	0.23403	651655.62	4185996.89	0.23124
651673.01	4185959.18	0.22831	651690.39	4185921.48	0.22545
651707.78	4185883.77	0.22279	651725.16	4185846.07	0.22049
651742.55	4185808.36	0.21852	651770.66	4185782.16	0.21846
651809.49	4185767.46	0.21993	651848.33	4185752.77	0.22153
651887.16	4185738.07	0.22309	651925.99	4185723.37	0.22515
651964.83	4185708.68	0.22791	652003.66	4185693.98	0.23141
652042.49	4185679.29	0.23537	652081.33	4185664.59	0.23923
652120.16	4185649.89	0.24243	652158.99	4185635.20	0.24461
652197.83	4185620.50	0.24583	652236.66	4185605.81	0.24657
652275.50	4185591.11	0.24751	652314.33	4185576.41	0.24919
652353.16	4185561.72	0.25195	652392.00	4185547.02	0.25582
652430.83	4185532.33	0.26064	652469.66	4185517.63	0.26618

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         652508.50    4185502.94        0.27211                    652547.33
4185488.24        0.27801
         652586.16    4185473.54        0.28347                    652625.00
4185458.85        0.28813
         652663.83    4185444.15        0.29183                    652702.66
4185429.46        0.29459
         652741.50    4185414.76        0.29669                    652780.33
4185400.06        0.29855
         652819.16    4185385.37        0.30039                    652858.00
4185370.67        0.30219
         652896.83    4185355.98        0.30368                    652935.67
4185341.28        0.30453
         652974.50    4185326.58        0.30453                    653013.33
4185311.89        0.30361
         653052.17    4185297.19        0.30184                    653091.00
4185282.50        0.29951
         653129.83    4185267.80        0.29694                    653168.67
4185253.10        0.29445
         653207.50    4185238.41        0.29223                    653246.33
4185223.71        0.29033
         653285.17    4185209.02        0.28864                    653324.00
4185194.32        0.28690
         653362.83    4185179.62        0.28473                    653401.67
4185164.93        0.28167
         653440.50    4185150.23        0.27736                    653479.34
4185135.54        0.27168
         653518.17    4185120.84        0.26488                    653557.00
4185106.14        0.25753
         653595.84    4185091.45        0.25046                    653634.67
4185076.75        0.24447
         653673.50    4185062.06        0.24016                    653712.34
4185047.36        0.23767
         650846.26    4187771.10        0.32263                    650844.44
4187812.87        0.32451
         650842.62    4187854.63        0.32765                    650356.36
4187709.56        0.24773
         650373.78    4187671.78        0.24922                    650391.20
4187634.00        0.25029
         650408.62    4187596.21        0.25080                    650426.04
4187558.43        0.25049
         650443.46    4187520.65        0.24982                    650460.88
4187482.87        0.24848
         650478.30    4187445.09        0.24659                    650495.72
4187407.30        0.24430
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650513.15	4187369.52	0.24210	650530.57	4187331.74	0.24050
650547.99	4187293.96	0.23954	650565.41	4187256.18	0.23943
650582.83	4187218.40	0.24001	650600.25	4187180.61	0.24087
650617.67	4187142.83	0.24164	650635.09	4187105.05	0.24194
650652.51	4187067.27	0.24146	650669.93	4187029.49	0.23995
650687.36	4186991.70	0.23746	650704.78	4186953.92	0.23435
650722.20	4186916.14	0.23116	650739.62	4186878.36	0.22846
650757.04	4186840.58	0.22662	650774.46	4186802.79	0.22565
650791.88	4186765.01	0.22530	650809.30	4186727.23	0.22520
650826.72	4186689.45	0.22499	650844.14	4186651.67	0.22443
650861.56	4186613.88	0.22346	650878.99	4186576.10	0.22224
650896.41	4186538.32	0.22107	650913.83	4186500.54	0.22027
650931.25	4186462.76	0.22000	650948.67	4186424.97	0.22007
650966.09	4186387.19	0.22005	650983.51	4186349.41	0.21944
651000.93	4186311.63	0.21790	651018.35	4186273.85	0.21540
651035.77	4186236.06	0.21232	651053.20	4186198.28	0.20909
651070.62	4186160.50	0.20619	651088.04		

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4186122.72        0.20377
         651105.46    4186084.94        0.20170                    651122.88
4186047.16        0.19979
         651140.30    4186009.37        0.19776                    651157.72
4185971.59        0.19545
         651175.14    4185933.81        0.19300                    651192.56
4185896.03        0.19048
         651209.98    4185858.25        0.18810                    651227.40
4185820.46        0.18604
         651244.83    4185782.68        0.18427                    651262.25
4185744.90        0.18265
         651279.67    4185707.12        0.18113                    651297.09
4185669.34        0.17918
         651314.51    4185631.55        0.17714                    651331.93
4185593.77        0.17505
         651349.35    4185555.99        0.17318                    651366.77
4185518.21        0.17147
         651384.19    4185480.43        0.17000                    651401.61
4185442.64        0.16873
         651429.78    4185416.39        0.16878                    651468.69
4185401.66        0.16998
         651507.60    4185386.94        0.17107                    651546.52
4185372.21        0.17211
         651585.43    4185357.49        0.17322                    651624.34
4185342.76        0.17460
         651663.25    4185328.04        0.17644                    651702.16
4185313.31        0.17875
         651741.07    4185298.59        0.18144                    651779.99
4185283.86        0.18424
         651818.90    4185269.13        0.18674                    651857.81
4185254.41        0.18867
         651896.72    4185239.68        0.18990                    651935.63
4185224.96        0.19053
         651974.55    4185210.23        0.19086                    652013.46
4185195.51        0.19120
         652052.37    4185180.78        0.19197                    652091.28
4185166.06        0.19339
         652130.19    4185151.33        0.19550                    652169.10
4185136.60        0.19826
         652208.02    4185121.88        0.20157                    652246.93
4185107.15        0.20534
         652285.84    4185092.43        0.20934                    652324.75
4185077.70        0.21340
         652363.66    4185062.98        0.21726                    652402.57
4185048.25        0.22075
         652441.49    4185033.53        0.22369                    652480.40
4185018.80        0.22603
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652519.31	4185004.08	0.22781	652558.22	4184989.35	0.22919
652597.13	4184974.62	0.23037	652636.04	4184959.90	0.23156
652674.96	4184945.17	0.23284	652713.87	4184930.45	0.23413
652752.78	4184915.72	0.23521	652791.69	4184901.00	0.23590
652830.60	4184886.27	0.23608	652869.52	4184871.55	0.23571
652908.43	4184856.82	0.23472	652947.34	4184842.09	0.23326
652986.25	4184827.37	0.23184	653025.16	4184812.64	0.23005
653064.07	4184797.92	0.22831	653102.99	4184783.19	0.22685
653141.90	4184768.47	0.22554	653180.81	4184753.74	0.22437
653219.72	4184739.02	0.22330	653258.63	4184724.29	0.22217
653297.54	4184709.56	0.22081	653336.46	4184694.84	0.21895
653375.37	4184680.11	0.21639	653414.28	4184665.39	0.21299
653453.19	4184650.66	0.20877	653492.10	4184635.94	0.20394
653531.01	4184621.21	0.19883	653569.93	4184606.49	0.19390
653608.84	4184591.76	0.18961	653647.75	4184577.03	0.18632

653686.66 4184562.31 0.18419 653725.57
4184547.58 0.18314
650346.74 4187749.33 0.24764 650344.92
4187791.10 0.24880
650343.10 4187832.86 0.25061 649856.84
4187687.76 0.19705
649874.29 4187649.93 0.19797 649891.74
4187612.09 0.19880
649909.18 4187574.25 0.19951 649926.63
4187536.41 0.20001
649944.08 4187498.57 0.20009 649961.53
4187460.73 0.19963
649978.97 4187422.90 0.19877 649996.42
4187385.06 0.19745
650013.87 4187347.22 0.19578 650031.31
4187309.38 0.19401
650048.76 4187271.54 0.19243 650066.21
4187233.70 0.19128
650083.65 4187195.87 0.19068 650101.10
4187158.03 0.19065
650118.55 4187120.19 0.19121 650136.00
4187082.35 0.19190
650153.44 4187044.51 0.19264 650170.89
4187006.67 0.19334
650188.34 4186968.84 0.19382 650205.78
4186931.00 0.19321
650223.23 4186893.16 0.19187 650240.68
4186855.32 0.19025
650258.12 4186817.48 0.18801 650275.57
4186779.64 0.18560
650293.02 4186741.81 0.18345 650310.46
4186703.97 0.18172
650327.91 4186666.13 0.18073 650345.36
4186628.29 0.18018
650362.81 4186590.45 0.18015 650380.25
4186552.61 0.18020
650397.70 4186514.78 0.18012 650415.15
4186476.94 0.17982
650432.59 4186439.10 0.17924 650450.04
4186401.26 0.17837
650467.49 4186363.42 0.17743 650484.93
4186325.58 0.17649
650502.38 4186287.75 0.17590 650519.83
4186249.91 0.17570
650537.28 4186212.07 0.17590 650554.72
4186174.23 0.17619
650572.17 4186136.39 0.17609 650589.62
4186098.55 0.17547
650607.06 4186060.72 0.17420 650624.51
4186022.88 0.17233

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650641.96	4185985.04	0.17004	650659.40	4185947.20	0.16770
650676.85	4185909.36	0.16553	650694.30	4185871.52	0.16367
650711.74	4185833.69	0.16218	650729.19	4185795.85	0.16070
650746.64	4185758.01	0.15917	650764.09	4185720.17	0.15797
650781.53	4185682.33	0.15642	650798.98	4185644.49	0.15467
650816.43	4185606.66	0.15288	650833.87	4185568.82	0.15119
650851.32	4185530.98	0.14971	650868.77	4185493.14	0.14844
650886.21	4185455.30	0.14733	650903.66	4185417.46	0.14623
650921.11	4185379.63	0.14504	650938.56	4185341.79	0.14370
650956.00	4185303.95	0.14224	650973.45	4185266.11	0.14068
650990.90	4185228.27	0.13921	651008.34	4185190.43	0.13783
651025.79	4185152.60	0.13677	651043.24	4185114.76	0.13582
651060.68	4185076.92	0.13510	651088.89	4185050.63	0.13519
651127.86	4185035.88	0.13615	651166.83		

4185021.13 0.13691
651205.80 4185006.38 0.13764 651244.77
4184991.64 0.13837
651283.74 4184976.89 0.13926 651322.71
4184962.14 0.14024
651361.68 4184947.39 0.14159 651400.65
4184932.65 0.14323
651439.62 4184917.90 0.14508 651478.59
4184903.15 0.14705
651517.56 4184888.40 0.14897 651556.53
4184873.66 0.15063
651595.50 4184858.91 0.15186 651634.47
4184844.16 0.15259
651673.44 4184829.41 0.15291 651712.41
4184814.67 0.15299
651751.38 4184799.92 0.15308 651790.35
4184785.17 0.15342
651829.32 4184770.42 0.15416 651868.29
4184755.68 0.15535
651907.26 4184740.93 0.15699 651946.23
4184726.18 0.15905
651985.20 4184711.43 0.16146 652024.17
4184696.69 0.16413
652063.14 4184681.94 0.16698 652102.11
4184667.19 0.16989
652141.08 4184652.44 0.17273 652180.05
4184637.70 0.17537
652219.02 4184622.95 0.17770 652257.99
4184608.20 0.17967
652296.96 4184593.45 0.18124 652335.93
4184578.71 0.18244
652374.90 4184563.96 0.18334 652413.87
4184549.21 0.18409
652452.84 4184534.46 0.18485 652491.81
4184519.72 0.18572
652530.78 4184504.97 0.18670 652569.75
4184490.22 0.18767
652608.72 4184475.47 0.18849 652647.69
4184460.73 0.18906
652686.65 4184445.98 0.18928 652725.62
4184431.23 0.18915
652764.59 4184416.48 0.18869 652803.56
4184401.74 0.18793
652842.53 4184386.99 0.18690 652881.50
4184372.24 0.18571
652920.47 4184357.49 0.18448 652959.44
4184342.75 0.18326
652998.41 4184328.00 0.18215 653037.38
4184313.25 0.18118
653076.35 4184298.50 0.18035 653115.32

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653232.23	4184239.51	0.17716	653271.20	4184224.76	0.17597
653310.17	4184210.02	0.17436	653349.14	4184195.27	0.17223
653388.11	4184180.52	0.16954	653427.08	4184165.77	0.16634
653466.05	4184151.03	0.16279	653505.02	4184136.28	0.15908
653543.99	4184121.53	0.15549	653582.96	4184106.78	0.15230
653621.93	4184092.04	0.14973	653660.90	4184077.29	0.14792
653699.87	4184062.54	0.14688	653738.84	4184047.79	0.14646
649847.21	4187727.57	0.19685	649845.39	4187769.33	0.19758
649843.57	4187811.09	0.19875	653669.02	4187987.41	189.66993
653652.19	4188005.90	112.66439	653635.37	4188024.39	74.45879
653617.96	4188041.48	53.33707	653608.64	4188019.11	56.60913
653599.33	4187996.73	56.65118	653631.73	4188060.96	51.97953

653584.52 4188078.97 31.42461 653575.63
4188057.61 33.12290
653566.74 4188036.26 34.53710 653557.84
4188014.90 34.70214
653548.95 4187993.54 34.14272 653598.07
4188097.94 30.71844
653550.66 4188115.44 21.03699 653541.34
4188093.07 21.95085
653532.03 4188070.69 22.99123 653522.71
4188048.32 23.66507
653513.40 4188025.94 23.65489 653504.08
4188003.57 23.40269
653517.13 4188152.74 15.18964 653508.08
4188130.98 15.69513
653499.02 4188109.23 16.30280 653489.96
4188087.47 16.92221
653480.91 4188065.72 17.31756 653471.85
4188043.96 17.36004
653462.80 4188022.21 17.20088 653453.74
4188000.46 17.06122
653483.35 4188189.41 11.57084 653474.04
4188167.03 11.90284
653464.72 4188144.65 12.27616 653455.41
4188122.28 12.73672
653446.09 4188099.90 13.11555 653436.78
4188077.53 13.34523
653427.46 4188055.15 13.33803 653418.15
4188032.78 13.21786
653408.83 4188010.40 13.18395 653399.52
4187988.02 12.82978
653449.79 4188226.61 9.14314 653440.66
4188204.68 9.37264
653431.54 4188182.75 9.59461 653422.41
4188160.82 9.89517
653413.28 4188138.90 10.21414 653404.15
4188116.97 10.45757
653395.02 4188095.04 10.62308 653385.89
4188073.11 10.64661
653376.77 4188051.18 10.54380 653367.64
4188029.26 10.52520
653358.51 4188007.33 10.47668 653349.38
4187985.40 10.13161
653382.32 4188300.17 6.18507 653372.86
4188277.43 6.32269
653363.39 4188254.69 6.42969 653353.93
4188231.96 6.56723
653344.46 4188209.22 6.75299 653335.00
4188186.48 6.94511
653325.53 4188163.75 7.09345 653316.07
4188141.01 7.20945

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653249.81	4187981.85	6.85544	653396.16	4188319.82	6.06458
653315.03	4188374.16	4.50749	653305.59	4188351.49	4.59855
653296.16	4188328.82	4.66022	653286.72	4188306.15	4.72493
653277.28	4188283.48	4.81470	653267.84	4188260.81	4.93244
653258.41	4188238.14	5.05655	653248.97	4188215.47	5.15778
653239.53	4188192.80	5.23370	653230.10	4188170.13	5.30607
653220.66	4188147.46	5.36392	653211.22	4188124.79	5.36023
653201.78	4188102.12	5.30132	653192.35	4188079.45	5.27121
653182.91	4188056.78	5.30444	653173.47	4188034.11	5.32591
653164.03	4188011.44	5.25592	653154.60	4187988.77	5.08870
653328.86	4188393.79	4.42486	653247.74		

4188448.14 3.45813
653238.32 4188425.52 3.52396 653228.90
4188402.90 3.56623
653219.48 4188380.27 3.60236 653210.06
4188357.65 3.64758
653200.65 4188335.02 3.71088 653191.23
4188312.40 3.78993
653181.81 4188289.77 3.87494 653172.39
4188267.15 3.94839
653162.97 4188244.53 4.00238 653153.55
4188221.90 4.04886
653144.14 4188199.28 4.10024 653134.72
4188176.65 4.14231
653125.30 4188154.03 4.14229 653115.88
4188131.40 4.09854
653106.46 4188108.78 4.05923 653097.05
4188086.16 4.06788
653087.63 4188063.53 4.10568 653078.21
4188040.91 4.11631
653068.79 4188018.28 4.06422 653059.37
4187995.66 3.95324
653049.95 4187973.04 3.80393 653180.44
4188522.12 2.75160
653171.04 4188499.53 2.80123 653161.63
4188476.94 2.83310
653152.23 4188454.35 2.85659 653142.82
4188431.76 2.88203
653133.42 4188409.17 2.91690 653124.01
4188386.58 2.96347
653114.61 4188363.99 3.02019 653105.21
4188341.40 3.08055
653095.80 4188318.80 3.13506 653086.40
4188296.21 3.17672
653076.99 4188273.62 3.20842 653067.59
4188251.03 3.24172
653058.18 4188228.44 3.28114 653048.78
4188205.85 3.31339
653039.38 4188183.26 3.31559 653029.97
4188160.67 3.28321
653020.57 4188138.08 3.24451 653011.16
4188115.49 3.23480
653001.76 4188092.90 3.25985 652992.35
4188070.31 3.29078
652982.95 4188047.72 3.29337 652973.55
4188025.12 3.25330
652964.14 4188002.53 3.17535 652954.74
4187979.94 3.07195
653113.14 4188596.10 2.25113 653103.75
4188573.53 2.28970
653094.35 4188550.96 2.31498 653084.96

4188528.40   2.33220
         653075.57   4188505.83   2.34802   653066.17
4188483.27   2.36810
         653056.78   4188460.70   2.39591   653047.39
4188438.14   2.43164
         653037.99   4188415.57   2.47348   653028.60
4188393.01   2.51824
         653019.21   4188370.44   2.56022   653009.81
4188347.88   2.59345

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652944.86 4188780.95 1.48593 652935.42
4188758.28 1.50864
652925.99 4188735.61 1.52470 652916.55
4188712.94 1.53538
652907.11 4188690.27 1.54271 652897.67
4188667.60 1.54934
652888.24 4188644.93 1.55766 652878.80
4188622.26 1.56931
652869.36 4188599.59 1.58486 652859.93
4188576.92 1.60390
652850.49 4188554.25 1.62554 652841.05
4188531.58 1.64877
652831.61 4188508.91 1.67242 652822.18
4188486.23 1.69471
652812.74 4188463.56 1.71322 652803.30
4188440.89 1.72669
652793.86 4188418.22 1.73653 652784.43
4188395.55 1.74643
652774.99 4188372.88 1.75995 652765.55
4188350.21 1.77812
652756.12 4188327.54 1.79793 652746.68
4188304.87 1.81248
652737.24 4188282.20 1.81437 652727.80
4188259.53 1.80105
652718.37 4188236.86 1.77827 652708.93
4188214.19 1.75746
652699.49 4188191.52 1.74906 652690.05
4188168.85 1.75651
652680.62 4188146.18 1.77497 652671.18
4188123.51 1.79451
652661.74 4188100.84 1.80574 652652.31
4188078.17 1.80370
652642.87 4188055.50 1.78809 652633.43
4188032.83 1.76108
652623.99 4188010.16 1.72498 652614.56
4187987.49 1.68197
652605.12 4187964.82 1.63467 652776.59
4188965.81 1.06703
652767.12 4188943.08 1.08166 652757.66
4188920.34 1.09265
652748.19 4188897.60 1.10045 652738.73
4188874.87 1.10576
652729.26 4188852.13 1.10944 652719.80
4188829.40 1.11259
652710.33 4188806.66 1.11640 652700.87
4188783.92 1.12188
652691.40 4188761.19 1.12956 652681.94
4188738.45 1.13950
652672.47 4188715.71 1.15121 652663.01
4188692.98 1.16409

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652653.54	4188670.24	1.17759	652644.08	4188647.50	1.19144
652634.61	4188624.77	1.20533	652625.15	4188602.03	1.21862
652615.68	4188579.29	1.23016	652606.22	4188556.56	1.23898
652596.75	4188533.82	1.24507	652587.29	4188511.08	1.24978
652577.82	4188488.35	1.25509	652568.36	4188465.61	1.26286
652558.89	4188442.87	1.27381	652549.43	4188420.14	1.28721
652539.96	4188397.40	1.30051	652530.50	4188374.67	1.30973
652521.03	4188351.93	1.31101	652511.57	4188329.19	1.30291
652502.10	4188306.46	1.28772	652492.64	4188283.72	1.27088
652483.17	4188260.98	1.25847	652473.71	4188238.25	1.25473
652464.24	4188215.51	1.26044	652454.78	4188192.77	1.27301
652445.31	4188170.04	1.28764	652435.85	4188147.30	1.29943
652426.38	4188124.56	1.30490	652416.92	4188101.83	1.30289
652407.45	4188079.09	1.29392	652397.99		

4188056.35 1.27917
652388.52 4188033.62 1.25953 652379.06
4188010.88 1.23566
652369.59 4187988.14 1.20831 652360.13
4187965.41 1.17881
652350.67 4187942.67 1.14886 652608.36
4189150.80 0.81037
652598.96 4189128.22 0.82035 652589.57
4189105.64 0.82818
652580.17 4189083.06 0.83410 652570.77
4189060.49 0.83839
652561.37 4189037.91 0.84139 652551.97
4189015.33 0.84345
652542.57 4188992.76 0.84507 652533.17
4188970.18 0.84686
652523.77 4188947.60 0.84943 652514.38
4188925.02 0.85326
652504.98 4188902.45 0.85853 652495.58
4188879.87 0.86519
652486.18 4188857.29 0.87293 652476.78
4188834.72 0.88128
652467.38 4188812.14 0.88987 652457.98
4188789.56 0.89850
652448.59 4188766.98 0.90717 652439.19
4188744.41 0.91588
652429.79 4188721.83 0.92445 652420.39
4188699.25 0.93234
652410.99 4188676.68 0.93886 652401.59
4188654.10 0.94363
652392.19 4188631.52 0.94684 652382.80
4188608.94 0.94933
652373.40 4188586.37 0.95220 652364.00
4188563.79 0.95650
652354.60 4188541.21 0.96282 652345.20
4188518.64 0.97122
652335.80 4188496.06 0.98104 652326.40
4188473.48 0.99072
652317.00 4188450.90 0.99801 652307.61
4188428.33 1.00064
652298.21 4188405.75 0.99725 652288.81
4188383.17 0.98828
652279.41 4188360.59 0.97599 652270.01
4188338.02 0.96369
652260.61 4188315.44 0.95464 652251.21
4188292.86 0.95102
652241.82 4188270.29 0.95347 652232.42
4188247.71 0.96098
652223.02 4188225.13 0.97138 652213.62
4188202.55 0.98193
652204.22 4188179.98 0.99015 652194.82

4188157.40   0.99447
         652185.42   4188134.82   0.99438   652176.02
4188112.25   0.99021
         652166.63   4188089.67   0.98265   652157.23
4188067.09   0.97222
         652147.83   4188044.51   0.95923   652138.43
4188021.94   0.94378
         652129.03   4187999.36   0.92612   652119.63
4187976.78   0.90681
         652110.23   4187954.21   0.88678   652100.84
4187931.63   0.86704
         652622.17   4189170.37   0.80200   652440.09
4189335.67   0.64059
         652430.67   4189313.03   0.64777   652421.24
4189290.39   0.65356

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                 ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652298.73 4188996.10 0.68972 652289.31 4188973.46 0.69566
652279.88 4188950.83 0.70166 652270.46 4188928.19 0.70755
652261.04 4188905.55 0.71331 652251.61 4188882.91 0.71905
652242.19 4188860.27 0.72489 652232.77 4188837.64 0.73073
652223.34 4188815.00 0.73627 652213.92 4188792.36 0.74109
652204.49 4188769.72 0.74480 652195.07 4188747.09 0.74735
652185.65 4188724.45 0.74902 652176.22 4188701.81 0.75040
652166.80 4188679.17 0.75220 652157.37 4188656.53 0.75498
652147.95 4188633.90 0.75914 652138.53 4188611.26 0.76479
652129.10 4188588.62 0.77173 652119.68 4188565.98 0.77934
652110.25 4188543.34 0.78650 652100.83 4188520.71 0.79173
652091.41 4188498.07 0.79364 652081.98 4188475.43 0.79137
652072.56 4188452.79 0.78511 652063.14 4188430.16 0.77607
652053.71 4188407.52 0.76616 652044.29 4188384.88 0.75748
652034.86 4188362.24 0.75171 652025.44 4188339.60 0.74986
652016.02 4188316.97 0.75207 652006.59 4188294.33 0.75769
651997.17 4188271.69 0.76544 651987.74 4188249.05 0.77371
651978.32 4188226.42 0.78094 651968.90 4188203.78 0.78597
651959.47 4188181.14 0.78821 651950.05 4188158.50 0.78765
651940.62 4188135.86 0.78461 651931.20 4188113.23 0.77958
651921.78 4188090.59 0.77287 651912.35 4188067.95 0.76463
651902.93 4188045.31 0.75483 651893.51 4188022.67 0.74346
651884.08 4188000.04 0.73063 651874.66 4187977.40 0.71676
651865.23 4187954.76 0.70241 651855.81 4187932.12 0.68827
652103.56 4189705.43 0.43494 652094.10 4189682.71 0.43907

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651914.39	4189251.01	0.47122	651904.93	4189228.29	0.47466
651895.47	4189205.57	0.47794	651886.01	4189182.85	0.48100
651876.55	4189160.13	0.48387	651867.09	4189137.41	0.48665
651857.63	4189114.69	0.48947	651848.18	4189091.97	0.49242
651838.72	4189069.25	0.49547	651829.26		

4189046.53 0.49853
651819.80 4189023.80 0.50138 651810.34
4189001.08 0.50382
651800.88 4188978.36 0.50569 651791.43
4188955.64 0.50698
651781.97 4188932.92 0.50757 651772.51
4188910.20 0.50745
651763.05 4188887.48 0.50780 651753.59
4188864.76 0.50863
651744.13 4188842.04 0.50993 651734.67
4188819.32 0.51191
651725.22 4188796.60 0.51469 651715.76
4188773.87 0.51827
651706.30 4188751.15 0.52251 651696.84
4188728.43 0.52719
651687.38 4188705.71 0.53192 651677.92
4188682.99 0.53612
651668.47 4188660.27 0.53910 651659.01
4188637.55 0.54022
651649.55 4188614.83 0.53911 651640.09
4188592.11 0.53578
651630.63 4188569.39 0.53065 651621.17
4188546.67 0.52446
651611.71 4188523.94 0.51809 651602.26
4188501.22 0.51245
651592.80 4188478.50 0.50821 651583.34
4188455.78 0.50583
651573.88 4188433.06 0.50560 651564.42
4188410.34 0.50742
651554.96 4188387.62 0.51095 651545.51
4188364.90 0.51563
651536.05 4188342.18 0.52084 651526.59
4188319.46 0.52593
651517.13 4188296.74 0.53025 651507.67
4188274.01 0.53342
651498.21 4188251.29 0.53521 651488.75
4188228.57 0.53556
651479.30 4188205.85 0.53464 651469.84
4188183.13 0.53274
651460.38 4188160.41 0.53012 651450.92
4188137.69 0.52686
651441.46 4188114.97 0.52302 651432.00
4188092.25 0.51855
651422.55 4188069.53 0.51337 651413.09
4188046.81 0.50738
651403.63 4188024.08 0.50057 651394.17
4188001.36 0.49302
651384.71 4187978.64 0.48499 651375.25
4187955.92 0.47674
651365.79 4187933.20 0.46863 651356.34

4187910.48   0.46086
         652117.39   4189725.08   0.43151   651767.05
4190075.27   0.31845
         651757.62   4190052.61   0.32105   651748.18
4190029.95   0.32325
         651738.75   4190007.29   0.32508   651729.32
4189984.63   0.32661
         651719.89   4189961.97   0.32789   651710.45
4189939.31   0.32899
         651701.02   4189916.65   0.32995   651691.59
4189893.99   0.33077
         651682.15   4189871.33   0.33145   651672.72
4189848.67   0.33196
         651663.29   4189826.01   0.33229   651653.85
4189803.35   0.33244
         651644.42   4189780.69   0.33244   651634.99
4189758.03   0.33237
         651625.56   4189735.37   0.33232   651616.12
4189712.71   0.33244
         651606.69   4189690.05   0.33278   651597.26
4189667.39   0.33341

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

651531.23 4189508.78 0.34604 651521.79
4189486.12 0.34821
651512.36 4189463.46 0.35021 651502.93
4189440.80 0.35200
651493.49 4189418.14 0.35360 651484.06
4189395.48 0.35509
651474.63 4189372.82 0.35654 651465.20
4189350.16 0.35804
651455.76 4189327.50 0.35966 651446.33
4189304.84 0.36140
651436.90 4189282.18 0.36322 651427.46
4189259.52 0.36502
651418.03 4189236.86 0.36670 651408.60
4189214.20 0.36814
651399.17 4189191.54 0.36924 651389.73
4189168.88 0.37000
651380.30 4189146.22 0.37043 651370.87
4189123.57 0.37064
651361.43 4189100.91 0.37076 651352.00
4189078.25 0.37092
651342.57 4189055.59 0.37124 651333.13
4189032.93 0.37185
651323.70 4189010.27 0.37279 651314.27
4188987.61 0.37414
651304.84 4188964.95 0.37592 651295.40
4188942.29 0.37817
651285.97 4188919.63 0.38088 651276.54
4188896.97 0.38398
651267.10 4188874.31 0.38732 651257.67
4188851.65 0.39063
651248.24 4188828.99 0.39353 651238.81
4188806.33 0.39568
651229.37 4188783.67 0.39678 651219.94
4188761.01 0.39665
651210.51 4188738.35 0.39509 651201.07
4188715.69 0.39215
651191.64 4188693.03 0.38835 651182.21
4188670.37 0.38400
651172.77 4188647.71 0.37955 651163.34
4188625.05 0.37544
651153.91 4188602.40 0.37204 651144.48
4188579.74 0.36959
651135.04 4188557.08 0.36817 651125.61
4188534.42 0.36798
651116.18 4188511.76 0.36895 651106.74
4188489.10 0.37093
651097.31 4188466.44 0.37366 651087.88
4188443.78 0.37704
651078.45 4188421.12 0.38060 651069.01
4188398.46 0.38403

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         651059.58    4188375.80        0.38712                       651050.15
4188353.14        0.38947
         651040.71    4188330.48        0.39105                       651031.28
4188307.82        0.39184
         651021.85    4188285.16        0.39191                       651012.42
4188262.50        0.39137
         651002.98    4188239.84        0.39031                       650993.55
4188217.18        0.38892
         650984.12    4188194.52        0.38719                       650974.68
4188171.86        0.38521
         650965.25    4188149.20        0.38302                       650955.82
4188126.54        0.38056
         650946.38    4188103.89        0.37770                       650936.95
4188081.23        0.37445
         650927.52    4188058.57        0.37063                       650918.09
4188035.91        0.36632
         650908.65    4188013.25        0.36157                       650899.22
4187990.59        0.35652
         650889.79    4187967.93        0.35138                       650880.35
4187945.27        0.34622
         650870.92    4187922.61        0.34114                       650861.49
4187899.95        0.33619
         650852.06    4187877.29        0.33176                       651780.88
4190094.89        0.31627
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 384
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         651430.52    4190445.04        0.24514                       651421.06
4190422.33        0.24692
         651411.61    4190399.61        0.24844                       651402.15
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4190376.90 0.24971
651392.70 4190354.19 0.25078 651383.24
4190331.47 0.25168
651373.78 4190308.76 0.25247 651364.33
4190286.04 0.25320
651354.87 4190263.33 0.25386 651345.42
4190240.61 0.25447
651335.96 4190217.90 0.25503 651326.51
4190195.18 0.25551
651317.05 4190172.47 0.25589 651307.59
4190149.75 0.25616
651298.14 4190127.04 0.25630 651288.68
4190104.32 0.25633
651279.23 4190081.61 0.25626 651269.77
4190058.90 0.25616
651260.31 4190036.18 0.25606 651250.86
4190013.47 0.25605
651241.40 4189990.75 0.25617 651231.95
4189968.04 0.25647
651222.49 4189945.32 0.25697 651213.04
4189922.61 0.25771
651203.58 4189899.89 0.25867 651194.12
4189877.18 0.25984
651184.67 4189854.46 0.26119 651175.21
4189831.75 0.26268
651165.76 4189809.03 0.26426 651156.30
4189786.32 0.26586
651146.84 4189763.61 0.26741 651137.39
4189740.89 0.26880
651127.93 4189718.18 0.26999 651118.48
4189695.46 0.27115
651109.02 4189672.75 0.27212 651099.57
4189650.03 0.27289
651090.11 4189627.32 0.27365 651080.65
4189604.60 0.27451
651071.20 4189581.89 0.27551 651061.74
4189559.17 0.27646
651052.29 4189536.46 0.27762 651042.83
4189513.74 0.27879
651033.37 4189491.03 0.28004 651023.92
4189468.31 0.28131
651014.46 4189445.60 0.28232 651005.01
4189422.89 0.28311
650995.55 4189400.17 0.28393 650986.09
4189377.46 0.28449
650976.64 4189354.74 0.28481 650967.18
4189332.03 0.28494
650957.73 4189309.31 0.28495 650948.27
4189286.60 0.28492
650938.82 4189263.88 0.28496 650929.36

4189241.17   0.28534
         650919.90   4189218.45   0.28568   650910.45
4189195.74   0.28613
         650900.99   4189173.02   0.28697   650891.54
4189150.31   0.28805
         650882.08   4189127.60   0.28935   650872.62
4189104.88   0.29105
         650863.17   4189082.17   0.29244   650853.71
4189059.45   0.29465
         650844.26   4189036.74   0.29711   650834.80
4189014.02   0.29973
         650825.35   4188991.31   0.30205   650815.89
4188968.59   0.30408
         650806.43   4188945.88   0.30557   650796.98
4188923.16   0.30632
         650787.52   4188900.45   0.30614   650778.07
4188877.73   0.30496
         650768.61   4188855.02   0.30315   650759.15
4188832.31   0.30082
         650749.70   4188809.59   0.29792   650740.24
4188786.88   0.29469
         650730.79   4188764.16   0.29146   650721.33
4188741.45   0.28853
         650711.87   4188718.73   0.28609   650702.42
4188696.02   0.28425
         650692.96   4188673.30   0.28302   650683.51
4188650.59   0.28245

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

650674.05 4188627.87 0.28257 650664.60
4188605.16 0.28336
650655.14 4188582.44 0.28475 650645.68
4188559.73 0.28660
650636.23 4188537.02 0.28879 650626.77
4188514.30 0.29114
650617.32 4188491.59 0.29349 650607.86
4188468.87 0.29577
650598.40 4188446.16 0.29786 650588.95
4188423.44 0.29958
650579.49 4188400.73 0.30083 650570.04
4188378.01 0.30160
650560.58 4188355.30 0.30184 650551.13
4188332.58 0.30164
650541.67 4188309.87 0.30109 650532.21
4188287.15 0.30031
650522.76 4188264.44 0.29930 650513.30
4188241.72 0.29815
650503.85 4188219.01 0.29691 650494.39
4188196.30 0.29557
650484.93 4188173.58 0.29413 650475.48
4188150.87 0.29254
650466.02 4188128.15 0.29069 650456.57
4188105.44 0.28860
650447.11 4188082.72 0.28621 650437.65
4188060.01 0.28350
650428.20 4188037.29 0.28049 650418.74
4188014.58 0.27718
650409.29 4187991.86 0.27373 650399.83
4187969.15 0.27012
650390.38 4187946.43 0.26635 650380.92
4187923.72 0.26276
650371.46 4187901.01 0.25928 650362.01
4187878.29 0.25615
650352.55 4187855.58 0.25323 651094.01
4190814.87 0.19596
651084.57 4190792.20 0.19724 651075.14
4190769.53 0.19834
651065.70 4190746.86 0.19927 651056.26
4190724.19 0.20005
651046.82 4190701.52 0.20071 651037.39
4190678.85 0.20127
651027.95 4190656.18 0.20178 651018.51
4190633.51 0.20225
651009.08 4190610.84 0.20269 650999.64
4190588.17 0.20312
650990.20 4190565.50 0.20354 650980.76
4190542.83 0.20394
650971.33 4190520.16 0.20430 650961.89
4190497.49 0.20460

650952.45 4190474.82 0.20482 650943.01
4190452.15 0.20494
650933.58 4190429.48 0.20498 650924.14
4190406.81 0.20493
650914.70 4190384.14 0.20481 650905.27
4190361.47 0.20467
650895.83 4190338.80 0.20453 650886.39
4190316.13 0.20445
650876.95 4190293.46 0.20446 650867.52
4190270.79 0.20459
650858.08 4190248.12 0.20486 650848.64
4190225.45 0.20528
650839.20 4190202.78 0.20586 650829.77
4190180.11 0.20659
650820.33 4190157.44 0.20747 650810.89
4190134.77 0.20847
650801.46 4190112.10 0.20956 650792.02
4190089.43 0.21072
650782.58 4190066.76 0.21190 650773.14
4190044.09 0.21305
650763.71 4190021.42 0.21414 650754.27
4189998.75 0.21512
650744.83 4189976.08 0.21597 650735.39
4189953.41 0.21669
650725.96 4189930.74 0.21731 650716.52
4189908.07 0.21783
650707.08 4189885.40 0.21829 650697.65
4189862.73 0.21877
650688.21 4189840.06 0.21930 650678.77
4189817.39 0.21983

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)

Y-COORD (M)	CONC				
650669.33	4189794.72	0.22044	650659.90	4189772.05	0.22114
650650.46	4189749.38	0.22193	650641.02	4189726.71	0.22278
650631.58	4189704.04	0.22355	650622.15	4189681.37	0.22413
650612.71	4189658.70	0.22488	650603.27	4189636.03	0.22583
650593.83	4189613.36	0.22633	650584.40	4189590.69	0.22671
650574.96	4189568.02	0.22693	650565.52	4189545.35	0.22693
650556.09	4189522.68	0.22695	650546.65	4189500.01	0.22687
650537.21	4189477.34	0.22686	650527.77	4189454.67	0.22691
650518.34	4189432.00	0.22702	650508.90	4189409.33	0.22723
650499.46	4189386.66	0.22755	650490.02	4189363.99	0.22799
650480.59	4189341.32	0.22857	650471.15	4189318.65	0.22931
650461.71	4189295.98	0.23024	650452.28	4189273.31	0.23136
650442.84	4189250.64	0.23269	650433.40	4189227.97	0.23425
650423.96	4189205.30	0.23592	650414.53	4189182.63	0.23771
650405.09	4189159.96	0.23952	650395.65	4189137.29	0.24125
650386.21	4189114.62	0.24275	650376.78	4189091.95	0.24391
650367.34	4189069.28	0.24461	650357.90	4189046.61	0.24476
650348.47	4189023.94	0.24430	650339.03	4189001.27	0.24326
650329.59	4188978.60	0.24169	650320.15	4188955.93	0.23968
650310.72	4188933.26	0.23738	650301.28	4188910.59	0.23494
650291.84	4188887.92	0.23258	650282.40	4188865.25	0.23022
650272.97	4188842.58	0.22814	650263.53	4188819.91	0.22647
650254.09	4188797.24	0.22524	650244.66	4188774.57	0.22435
650235.22	4188751.90	0.22397	650225.78		

4188729.23   0.22407
         650216.34   4188706.56   0.22464   650206.91
4188683.89   0.22546
         650197.47   4188661.22   0.22670   650188.03
4188638.55   0.22825
         650178.59   4188615.88   0.22996   650169.16
4188593.21   0.23187
         650159.72   4188570.54   0.23381   650150.28
4188547.87   0.23563
         650140.85   4188525.20   0.23723   650131.41
4188502.53   0.23857
         650121.97   4188479.86   0.23962   650112.53
4188457.19   0.24031
         650103.10   4188434.52   0.24065   650093.66
4188411.85   0.24068
         650084.22   4188389.18   0.24049   650074.78
4188366.51   0.24009
         650065.35   4188343.84   0.23957   650055.91
4188321.17   0.23876
         650046.47   4188298.50   0.23788   650037.03
4188275.83   0.23708
         650027.60   4188253.16   0.23616   650018.16
4188230.49   0.23527
         650008.72   4188207.82   0.23432   649999.29
4188185.15   0.23330
         649989.85   4188162.48   0.23216   649980.41
4188139.81   0.23097
         649970.97   4188117.14   0.22958   649961.54
4188094.47   0.22786
         649952.10   4188071.80   0.22594   649942.66
4188049.13   0.22378
         649933.22   4188026.46   0.22142   649923.79
4188003.79   0.21891

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3

**

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

653810.13 4187328.38 13.39932 653830.13 4187328.38 13.65143
653850.13 4187328.38 13.87251 653870.13 4187328.38 14.04715
653890.13 4187328.38 14.17894 653910.13 4187328.38 14.28194
653930.13 4187328.38 14.36518 653950.13 4187328.38 14.42909
653970.13 4187328.38 14.46235 653990.13 4187328.38 14.45301
654010.13 4187328.38 14.38784 654030.13 4187328.38 14.25905
654050.13 4187328.38 14.06902 654070.13 4187328.38 13.83074
654090.13 4187328.38 13.56519 654110.13 4187328.38 13.29611
654130.13 4187328.38 13.04428 654150.13 4187328.38 12.82323
654170.13 4187328.38 12.63734 654190.13 4187328.38 12.48291
654210.13 4187328.38 12.35114 654230.13 4187328.38 12.23164
654250.13 4187328.38 12.11509 654270.13 4187328.38 11.99438
654290.13 4187328.38 11.86461 654310.13 4187328.38 11.72277
654330.13 4187328.38 11.56735 654350.13 4187328.38 11.39843
654370.13 4187328.38 11.21748 654390.13 4187328.38 11.02711
654410.13 4187328.38 10.83032 654430.13 4187328.38 10.62992
654450.13 4187328.38 10.42806 654470.13 4187328.38 10.22612
654490.13 4187328.38 10.02482 653690.13 4187348.38 13.45213
653710.13 4187348.38 13.37413 653730.13 4187348.38 13.36931
653750.13 4187348.38 13.46391 653770.13 4187348.38 13.64953
653790.13 4187348.38 13.89857 653810.13 4187348.38 14.17570
653830.13 4187348.38 14.44571 653850.13 4187348.38 14.67807
653870.13 4187348.38 14.85935 653890.13 4187348.38 14.99562
653910.13 4187348.38 15.10201 653930.13 4187348.38 15.18733
653950.13 4187348.38 15.24646 653970.13 4187348.38 15.26640

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         653990.13    4187348.38       15.23149                       654010.13
4187348.38       15.13139
         654030.13    4187348.38       14.96054                       654050.13
4187348.38       14.72785
         654070.13    4187348.38       14.45313                       654090.13
4187348.38       14.16252
         654110.13    4187348.38       13.88164                       654130.13
4187348.38       13.62949
         654150.13    4187348.38       13.41494                       654170.13
4187348.38       13.23674
         654190.13    4187348.38       13.08641                       654210.13
4187348.38       12.95248
         654230.13    4187348.38       12.82397                       654250.13
4187348.38       12.69221
         654270.13    4187348.38       12.55120                       654290.13
4187348.38       12.39716
         654310.13    4187348.38       12.22821                       654330.13
4187348.38       12.04434
         654350.13    4187348.38       11.84714                       654370.13
4187348.38       11.63950
         654390.13    4187348.38       11.42479                       654410.13
4187348.38       11.20614
         654430.13    4187348.38       10.98594                       654450.13
4187348.38       10.76569
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 389
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         654470.13    4187348.38       10.54619                       654490.13
4187348.38       10.32778
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653690.13 4187368.38 14.22613 653710.13
4187368.38 14.14389
653730.13 4187368.38 14.14123 653750.13
4187368.38 14.24656
653770.13 4187368.38 14.45164 653790.13
4187368.38 14.72469
653810.13 4187368.38 15.02621 653830.13
4187368.38 15.31512
653850.13 4187368.38 15.55965 653870.13
4187368.38 15.74766
653890.13 4187368.38 15.88919 653910.13
4187368.38 15.99934
653930.13 4187368.38 16.08374 653950.13
4187368.38 16.13428
653970.13 4187368.38 16.13380 653990.13
4187368.38 16.06674
654010.13 4187368.38 15.92312 654030.13
4187368.38 15.70475
654050.13 4187368.38 15.42757 654070.13
4187368.38 15.11872
654090.13 4187368.38 14.80849 654110.13
4187368.38 14.52220
654130.13 4187368.38 14.27457 654150.13
4187368.38 14.06806
654170.13 4187368.38 13.89537 654190.13
4187368.38 13.74415
654210.13 4187368.38 13.60156 654230.13
4187368.38 13.45711
654250.13 4187368.38 13.30335 654270.13
4187368.38 13.13556
654290.13 4187368.38 12.95142 654310.13
4187368.38 12.75071
654330.13 4187368.38 12.53516 654350.13
4187368.38 12.30800
654370.13 4187368.38 12.07306 654390.13
4187368.38 11.83380
654410.13 4187368.38 11.59288 654430.13
4187368.38 11.35196
654450.13 4187368.38 11.11191 654470.13
4187368.38 10.87317
654490.13 4187368.38 10.63596 653690.13
4187388.38 15.07268
653710.13 4187388.38 14.98701 653730.13
4187388.38 14.98630
653750.13 4187388.38 15.10402 653770.13
4187388.38 15.33134
653790.13 4187388.38 15.63230 653810.13
4187388.38 15.96041
653830.13 4187388.38 16.26963 653850.13
4187388.38 16.52657

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         653870.13    4187388.38       16.72178                       653890.13
4187388.38       16.86866
         653910.13    4187388.38       16.98222                       653930.13
4187388.38       17.06335
         653950.13    4187388.38       17.09900                       653970.13
4187388.38       17.07032
         653990.13    4187388.38       16.96171                       654010.13
4187388.38       16.76670
         654030.13    4187388.38       16.49628                       654050.13
4187388.38       16.17491
         654070.13    4187388.38       15.83672                       654090.13
4187388.38       15.51389
         654110.13    4187388.38       15.22850                       654130.13
4187388.38       14.98845
         654150.13    4187388.38       14.78875                       654170.13
4187388.38       14.61665
         654190.13    4187388.38       14.45736                       654210.13
4187388.38       14.29821
         654230.13    4187388.38       14.12992                       654250.13
4187388.38       13.94661
         654270.13    4187388.38       13.74529                       654290.13
4187388.38       13.52552
         654310.13    4187388.38       13.28919                       654330.13
4187388.38       13.03993
         654350.13    4187388.38       12.78200                       654370.13
4187388.38       12.51936
         654390.13    4187388.38       12.25498                       654410.13
4187388.38       11.99066
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 390
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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- - - -

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         653750.13    4187428.38       17.08790                      653770.13
4187428.38       17.37009
         653790.13    4187428.38       17.73809                      653810.13
4187428.38       18.12834
         653830.13    4187428.38       18.48280                      653850.13
4187428.38       18.76655
         653870.13    4187428.38       18.97774                      653890.13
4187428.38       19.13524
         653910.13    4187428.38       19.24854                      653930.13
4187428.38       19.30779
         653950.13    4187428.38       19.28960                      653970.13
4187428.38       19.17296
         653990.13    4187428.38       18.94895                      654010.13
4187428.38       18.63029
         654030.13    4187428.38       18.25093                      654050.13
4187428.38       17.85386
         654070.13    4187428.38       17.47993                      654090.13
4187428.38       17.15445
         654110.13    4187428.38       16.88271                      654130.13
4187428.38       16.65428
         654150.13    4187428.38       16.45088                      654170.13
4187428.38       16.25422
         654190.13    4187428.38       16.05001                      654210.13
4187428.38       15.82887
         654230.13    4187428.38       15.58582                      654250.13
4187428.38       15.31970
         654270.13    4187428.38       15.03272                      654290.13
4187428.38       14.72945
         654310.13    4187428.38       14.41540                      654330.13
4187428.38       14.09570
         654350.13    4187428.38       13.77401                      654370.13
4187428.38       13.45260
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654390.13	4187428.38	13.13268	654410.13	4187428.38	12.81494
654430.13	4187428.38	12.49993	654450.13	4187428.38	12.18833
654470.13	4187428.38	11.88096	654490.13	4187428.38	11.57856
653690.13	4187448.38	18.15663	653710.13	4187448.38	18.06096
653730.13	4187448.38	18.07181	653750.13	4187448.38	18.24033
653770.13	4187448.38	18.55709	653790.13	4187448.38	18.96489
653810.13	4187448.38	19.39198	653830.13	4187448.38	19.77163
653850.13	4187448.38	20.06993	653870.13	4187448.38	20.28976
653890.13	4187448.38	20.45170	653910.13	4187448.38	20.55843
653930.13	4187448.38	20.59430	653950.13	4187448.38	20.53178
653970.13	4187448.38	20.35087	653990.13	4187448.38	20.05389
654010.13	4187448.38	19.66648	654030.13	4187448.38	19.23712
654050.13	4187448.38	18.81424	654070.13	4187448.38	18.43629
654090.13	4187448.38	18.11739	654110.13	4187448.38	17.85099
654130.13	4187448.38	17.61816	654150.13	4187448.38	17.39728
654170.13	4187448.38	17.17064	654190.13	4187448.38	16.92631
654210.13	4187448.38	16.65780	654230.13	4187448.38	16.36334
654250.13	4187448.38	16.04530	654270.13	4187448.38	15.70888
654290.13	4187448.38	15.36041	654310.13	4187448.38	15.00566
654330.13	4187448.38	14.64883	654350.13	4187448.38	14.29244
654370.13	4187448.38	13.93791	654390.13	4187448.38	13.58601
654410.13	4187448.38	13.23747	654430.13	4187448.38	12.89316

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         654450.13    4187448.38       12.55398                       654470.13
4187448.38       12.22080
         654490.13    4187448.38       11.89434                       653690.13
4187468.38       19.41176
         653710.13    4187468.38       19.31342                       653730.13
4187468.38       19.32946
         653750.13    4187468.38       19.52252                       653770.13
4187468.38       19.87821
         653790.13    4187468.38       20.33272                       653810.13
4187468.38       20.79955
         653830.13    4187468.38       21.20693                       653850.13
4187468.38       21.52004
         653870.13    4187468.38       21.74914                       653890.13
4187468.38       21.91253
         653910.13    4187468.38       22.00634                       653930.13
4187468.38       22.00581
         653950.13    4187468.38       21.88229                       653970.13
4187468.38       21.62318
         653990.13    4187468.38       21.24429                       654010.13
4187468.38       20.78873
         654030.13    4187468.38       20.31723                       654050.13
4187468.38       19.88055
         654070.13    4187468.38       19.50589                       654090.13
4187468.38       19.19309
         654110.13    4187468.38       18.92404                       654130.13
4187468.38       18.67398
         654150.13    4187468.38       18.42096                       654170.13
4187468.38       18.14975
         654190.13    4187468.38       17.85187                       654210.13
4187468.38       17.52478
         654230.13    4187468.38       17.17088                       654250.13
4187468.38       16.79613
         654270.13    4187468.38       16.40781                       654290.13
4187468.38       16.01254
         654310.13    4187468.38       15.61514                       654330.13
4187468.38       15.21839
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 392
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654350.13	4187468.38	14.82390	654370.13	4187468.38	14.43267
654390.13	4187468.38	14.04565	654410.13	4187468.38	13.66383
654430.13	4187468.38	13.28830	654450.13	4187468.38	12.92001
654470.13	4187468.38	12.55969	654490.13	4187468.38	12.20781
653690.13	4187488.38	20.80894	653710.13	4187488.38	20.70876
653730.13	4187488.38	20.73311	653750.13	4187488.38	20.95313
653770.13	4187488.38	21.35576	653790.13	4187488.38	21.86319
653810.13	4187488.38	22.37560	653830.13	4187488.38	22.81217
653850.13	4187488.38	23.14138	653870.13	4187488.38	23.37788
653890.13	4187488.38	23.53683	653910.13	4187488.38	23.60707
653930.13	4187488.38	23.55519	653950.13	4187488.38	23.35250
653970.13	4187488.38	23.00073	653990.13	4187488.38	22.53455
654010.13	4187488.38	22.01742	654030.13	4187488.38	21.51597
654050.13	4187488.38	21.07526	654070.13	4187488.38	20.70610
654090.13	4187488.38	20.39240	654110.13	4187488.38	20.10676
654130.13	4187488.38	19.82239	654150.13	4187488.38	19.51981
654170.13	4187488.38	19.18788	654190.13	4187488.38	18.82291
654210.13	4187488.38	18.42734	654230.13	4187488.38	18.00803
654250.13	4187488.38	17.57337	654270.13	4187488.38	17.13100
654290.13	4187488.38	16.68641	654310.13	4187488.38	16.24281

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         654330.13    4187488.38       15.80204                       654350.13
4187488.38       15.36532
         654370.13    4187488.38       14.93383                       654390.13
4187488.38       14.50883
         654410.13    4187488.38       14.09154                       654430.13
4187488.38       13.68300
         654450.13    4187488.38       13.28397                       654470.13
4187488.38       12.89490
         654490.13    4187488.38       12.51604                       653690.13
4187508.38       22.37279
         653710.13    4187508.38       22.27196                       653730.13
4187508.38       22.30528
         653750.13    4187508.38       22.55919                       653770.13
4187508.38       23.01620
         653790.13    4187508.38       23.58451                       653810.13
4187508.38       24.14699
         653830.13    4187508.38       24.61417                       653850.13
4187508.38       24.96083
         653870.13    4187508.38       25.20397                       653890.13
4187508.38       25.35090
         653910.13    4187508.38       25.38210                       653930.13
4187508.38       25.25609
         653950.13    4187508.38       24.95480                       653970.13
4187508.38       24.49663
         653990.13    4187508.38       23.94397                       654010.13
4187508.38       23.37763
         654030.13    4187508.38       22.85957                       654050.13
4187508.38       22.42111
         654070.13    4187508.38       22.05248                       654090.13
4187508.38       21.72306
         654110.13    4187508.38       21.40109                       654130.13
4187508.38       21.06160
         654150.13    4187508.38       20.68989                       654170.13
4187508.38       20.28064
         654190.13    4187508.38       19.83637                       654210.13
4187508.38       19.36484
         654230.13    4187508.38       18.87596                       654250.13
4187508.38       18.37850
         654270.13    4187508.38       17.87875                       654290.13
4187508.38       17.38044
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 393
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654310.13	4187508.38	16.88571	654330.13	4187508.38	16.39609
654350.13	4187508.38	15.91303	654370.13	4187508.38	15.43805
654390.13	4187508.38	14.97254	654410.13	4187508.38	14.51766
654430.13	4187508.38	14.07414	654450.13	4187508.38	13.64247
654470.13	4187508.38	13.22291	654490.13	4187508.38	12.81561
653690.13	4187528.38	24.12843	653710.13	4187528.38	24.02983
653730.13	4187528.38	24.07587	653750.13	4187528.38	24.36962
653770.13	4187528.38	24.89188	653790.13	4187528.38	25.53144
653810.13	4187528.38	26.14783	653830.13	4187528.38	26.64949
653850.13	4187528.38	27.01373	653870.13	4187528.38	27.25758
653890.13	4187528.38	27.38129	653910.13	4187528.38	27.35130
653930.13	4187528.38	27.12531	653950.13	4187528.38	26.70424
653970.13	4187528.38	26.13347	653990.13	4187528.38	25.50375
654010.13	4187528.38	24.90089	654030.13	4187528.38	24.37830
654050.13	4187528.38	23.94048	654070.13	4187528.38	23.55677
654090.13	4187528.38	23.18912	654110.13	4187528.38	22.80583
654130.13	4187528.38	22.38734	654150.13	4187528.38	21.92610
654170.13	4187528.38	21.42442	654190.13	4187528.38	20.89139

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         654210.13    4187528.38       20.33850                       654230.13
4187528.38       19.77610
         654250.13    4187528.38       19.21146                       654270.13
4187528.38       18.64886
         654290.13    4187528.38       18.09084                       654310.13
4187528.38       17.53931
         654330.13    4187528.38       16.99609                       654350.13
4187528.38       16.46298
         654370.13    4187528.38       15.94155                       654390.13
4187528.38       15.43301
         654410.13    4187528.38       14.93818                       654430.13
4187528.38       14.45754
         654450.13    4187528.38       13.99138                       654470.13
4187528.38       13.53992
         654490.13    4187528.38       13.10342                       653690.13
4187548.38       26.11155
         653710.13    4187548.38       26.01562                       653730.13
4187548.38       26.07951
         653750.13    4187548.38       26.42160                       653770.13
4187548.38       27.02046
         653790.13    4187548.38       27.74169                       653810.13
4187548.38       28.42227
         653830.13    4187548.38       28.95978                       653850.13
4187548.38       29.33854
         653870.13    4187548.38       29.57656                       653890.13
4187548.38       29.65802
         653910.13    4187548.38       29.53736                       653930.13
4187548.38       29.18485
         653950.13    4187548.38       28.62392                       653970.13
4187548.38       27.94202
         653990.13    4187548.38       27.24888                       654010.13
4187548.38       26.62638
         654030.13    4187548.38       26.10253                       654050.13
4187548.38       25.65024
         654070.13    4187548.38       25.22634                       654090.13
4187548.38       24.79048
         654110.13    4187548.38       24.31654                       654130.13
4187548.38       23.79375
         654150.13    4187548.38       23.22404                       654170.13
4187548.38       22.61791
         654190.13    4187548.38       21.98900                       654210.13
4187548.38       21.34951
         654230.13    4187548.38       20.70791                       654250.13
4187548.38       20.06922
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654270.13	4187548.38	19.43648	654290.13	4187548.38	18.81208
654310.13	4187548.38	18.19823	654330.13	4187548.38	17.59709
654350.13	4187548.38	17.01042	654370.13	4187548.38	16.43953
654390.13	4187548.38	15.88524	654410.13	4187548.38	15.34811
654430.13	4187548.38	14.82850	654450.13	4187548.38	14.32668
654470.13	4187548.38	13.84292	654490.13	4187548.38	13.37734
653690.13	4187568.38	28.36261	653710.13	4187568.38	28.27411
653730.13	4187568.38	28.36148	653750.13	4187568.38	28.76127
653770.13	4187568.38	29.45455	653790.13	4187568.38	30.26944
653810.13	4187568.38	31.01952	653830.13	4187568.38	31.59598
653850.13	4187568.38	31.98757	653870.13	4187568.38	32.20464
653890.13	4187568.38	32.21598	653910.13	4187568.38	31.96992
653930.13	4187568.38	31.45721	653950.13	4187568.38	30.74755
653970.13	4187568.38	29.96475	653990.13	4187568.38	29.22732
654010.13	4187568.38	28.59574	654030.13	4187568.38	28.05693
654050.13	4187568.38	27.56296	654070.13	4187568.38	27.06318

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4187568.38       25.92656
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4187568.38       24.58182
         654170.13    4187568.38       23.86189                       654190.13
4187568.38       23.13015
         654210.13    4187568.38       22.39659                       654230.13
4187568.38       21.66717
         654250.13    4187568.38       20.94556                       654270.13
4187568.38       20.23473
         654290.13    4187568.38       19.53745                       654310.13
4187568.38       18.85622
         654330.13    4187568.38       18.19303                       654350.13
4187568.38       17.54925
         654370.13    4187568.38       16.92583                       654390.13
4187568.38       16.32336
         654410.13    4187568.38       15.74226                       654430.13
4187568.38       15.18288
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4187568.38       14.13000
         654490.13    4187568.38       13.63640                       653690.13
4187588.38       30.93483
         653710.13    4187588.38       30.85727                       653730.13
4187588.38       30.97238
         653750.13    4187588.38       31.44821                       653770.13
4187588.38       32.25095
         653790.13    4187588.38       33.17658                       653810.13
4187588.38       34.00717
         653830.13    4187588.38       34.62371                       653850.13
4187588.38       35.01901
         653870.13    4187588.38       35.19303                       653890.13
4187588.38       35.09406
         653910.13    4187588.38       34.67967                       653930.13
4187588.38       33.98018
         653950.13    4187588.38       33.12083                       653970.13
4187588.38       32.25791
         653990.13    4187588.38       31.49516                       654010.13
4187588.38       30.84537
         654030.13    4187588.38       30.26255                       654050.13
4187588.38       29.68420
         654070.13    4187588.38       29.06356                       654090.13
4187588.38       28.37867
         654110.13    4187588.38       27.62937                       654130.13
4187588.38       26.82996
         654150.13    4187588.38       26.00001                       654170.13
4187588.38       25.15692
         654190.13    4187588.38       24.31252                       654210.13
4187588.38       23.47398
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   STCK1   , STCK2
, VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

653970.13 4187608.38 34.89411 653990.13
4187608.38 34.10353
654010.13 4187608.38 33.40704 654030.13
4187608.38 32.73041
654050.13 4187608.38 32.01152 654070.13
4187608.38 31.21883
654090.13 4187608.38 30.34987 654110.13
4187608.38 29.42132
654130.13 4187608.38 28.45711 654150.13
4187608.38 27.47824
654170.13 4187608.38 26.49902 654190.13
4187608.38 25.52809
654210.13 4187608.38 24.57112 654230.13
4187608.38 23.63279
654250.13 4187608.38 22.71726 654270.13
4187608.38 21.82793
654290.13 4187608.38 20.96725 654310.13
4187608.38 20.13693
654330.13 4187608.38 19.33813 654350.13
4187608.38 18.57160
654370.13 4187608.38 17.83779 654390.13
4187608.38 17.13693
654410.13 4187608.38 16.46875 654430.13
4187608.38 15.83275
654450.13 4187608.38 15.22797 654470.13
4187608.38 14.65320
654490.13 4187608.38 14.10706 653690.13
4187628.38 37.32988
653710.13 4187628.38 37.30075 653730.13
4187628.38 37.49383
653750.13 4187628.38 38.16845 653770.13
4187628.38 39.26833
653790.13 4187628.38 40.48117 653810.13
4187628.38 41.49350
653830.13 4187628.38 42.18335 653850.13
4187628.38 42.53166
653870.13 4187628.38 42.49756 653890.13
4187628.38 42.01397
653910.13 4187628.38 41.12507 653930.13
4187628.38 40.01668
653950.13 4187628.38 38.91476 653970.13
4187628.38 37.94665
653990.13 4187628.38 37.10291 654010.13
4187628.38 36.30194
654030.13 4187628.38 35.46114 654050.13
4187628.38 34.53569
654070.13 4187628.38 33.51920 654090.13
4187628.38 32.43136
654110.13 4187628.38 31.30142 654130.13
4187628.38 30.15529

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

 *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
  VOL4 , VOL5 , VOL6 ,

  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

  ** CONC OF VOCS IN MICROGRAMS/M**3
  **

  X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
 - - -

653850.13 4187648.38 47.21148 653870.13
4187648.38 46.97100
653890.13 4187648.38 46.18948 653910.13
4187648.38 45.01516
653930.13 4187648.38 43.71850 653950.13
4187648.38 42.52614
653970.13 4187648.38 41.49125 653990.13
4187648.38 40.53032
654010.13 4187648.38 39.53616 654030.13
4187648.38 38.44518
654050.13 4187648.38 37.24455 654070.13
4187648.38 35.95758
654090.13 4187648.38 34.62063 654110.13
4187648.38 33.26591
654130.13 4187648.38 31.91490 654150.13
4187648.38 30.58082
654170.13 4187648.38 29.27289 654190.13
4187648.38 27.99869
654210.13 4187648.38 26.76433 654230.13
4187648.38 25.57441
654250.13 4187648.38 24.43213 654270.13
4187648.38 23.33962
654290.13 4187648.38 22.29808 654310.13
4187648.38 21.30812
654330.13 4187648.38 20.36952 654350.13
4187648.38 19.48138
654370.13 4187648.38 18.64222 654390.13
4187648.38 17.84998
654410.13 4187648.38 17.10225 654430.13
4187648.38 16.39657
654450.13 4187648.38 15.73037 654470.13
4187648.38 15.10129
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4187668.38 46.46349
653750.13 4187668.38 47.47369 653770.13
4187668.38 49.04068
653790.13 4187668.38 50.65849 653810.13
4187668.38 51.87519
653830.13 4187668.38 52.54604 653850.13
4187668.38 52.67299
653870.13 4187668.38 52.12853 653890.13
4187668.38 50.97533
653910.13 4187668.38 49.50546 653930.13
4187668.38 48.05057
653950.13 4187668.38 46.76467 653970.13
4187668.38 45.59197
653990.13 4187668.38 44.40173 654010.13
4187668.38 43.10127

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         654030.13    4187668.38       41.66772                      654050.13
4187668.38       40.12836
         654070.13    4187668.38       38.52922                      654090.13
4187668.38       36.91086
         654110.13    4187668.38       35.30034                      654130.13
4187668.38       33.71443
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 397
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                  VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4187668.38       30.66189
         654190.13    4187668.38       29.21235                      654210.13
4187668.38       27.82189
         654230.13    4187668.38       26.49407                      654250.13
4187668.38       25.23107
         654270.13    4187668.38       24.03392                      654290.13
4187668.38       22.90253
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4187668.38       20.83159
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4187668.38       18.99966
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4187668.38       17.38079
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4187668.38       15.94862
         654470.13    4187668.38       15.29504                      654490.13
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4187688.38       51.78044
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4187688.38       51.72908
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4187688.38       41.22192
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         654170.13    4187688.38       32.01455                  654190.13
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4187688.38       27.35698
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4187688.38       24.67674
         654290.13    4187688.38       23.46016                  654310.13
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4187688.38       20.25835
         654370.13    4187688.38       19.32508                  654390.13
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         654450.13    4187688.38       16.14549                  654470.13
4187688.38       15.47021
         654490.13    4187688.38       14.83621                  653690.13
4187708.38       58.39404
         653710.13    4187708.38       58.65046                  653730.13
4187708.38       59.23672
         653750.13    4187708.38       60.79325                  653770.13
4187708.38       63.07156
         653790.13    4187708.38       65.25568                  653810.13
4187708.38       66.70910
         653830.13    4187708.38       67.23971                  653850.13
4187708.38       66.65877
         653870.13    4187708.38       65.14610                  653890.13
4187708.38       63.12943
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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654030.13	4187708.38	48.77263	654050.13	4187708.38	46.37466
654070.13	4187708.38	44.00234	654090.13	4187708.38	41.68450
654110.13	4187708.38	39.44179	654130.13	4187708.38	37.28991
654150.13	4187708.38	35.23992	654170.13	4187708.38	33.29898
654190.13	4187708.38	31.47068	654210.13	4187708.38	29.75579
654230.13	4187708.38	28.15268	654250.13	4187708.38	26.65754
654270.13	4187708.38	25.26502	654290.13	4187708.38	23.96893
654310.13	4187708.38	22.76263	654330.13	4187708.38	21.63946
654350.13	4187708.38	20.59310	654370.13	4187708.38	19.61775
654390.13	4187708.38	18.70797	654410.13	4187708.38	17.85876

654430.13 4187708.38 17.06553 654450.13 4187708.38 16.32400
654470.13 4187708.38 15.63025 654490.13 4187708.38 14.98062
653690.13 4187728.38 66.69098 653710.13 4187728.38 67.15085
653730.13 4187728.38 67.90291 653750.13 4187728.38 69.85650
653770.13 4187728.38 72.64236 653790.13 4187728.38 75.15699
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654090.13 4187728.38 44.06141 654110.13 4187728.38 41.44589
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654170.13 4187728.38 34.48861 654190.13 4187728.38 32.47407
654210.13 4187728.38 30.60589 654230.13 4187728.38 28.87646
654250.13 4187728.38 27.27660 654270.13 4187728.38 25.79662
654290.13 4187728.38 24.42693 654310.13 4187728.38 23.15850
654330.13 4187728.38 21.98286 654350.13 4187728.38 20.89229
654370.13 4187728.38 19.87973 654390.13 4187728.38 18.93873
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653750.13 4187748.38 81.36439 653770.13 4187748.38 84.80063

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4187748.38   35.56813
         654190.13   4187748.38   33.38046   654210.13
4187748.38   31.37121
         654230.13   4187748.38   29.52579   654250.13
4187748.38   27.82991
         654270.13   4187748.38   26.27010   654290.13
4187748.38   24.83394

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654350.13 4187748.38 21.15997 654370.13 4187748.38 20.11582
654390.13 4187748.38 19.14852 654410.13 4187748.38 18.25121
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654470.13 4187748.38 15.91924 654490.13 4187748.38 15.24479
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654250.13 4187768.38 28.31768 654270.13 4187768.38 26.68767
654290.13 4187768.38 25.19400 654310.13 4187768.38 23.82309
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654410.13 4187768.38 18.42567 654430.13 4187768.38 17.57589
654450.13 4187768.38 16.78627 654470.13 4187768.38 16.05129

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654030.13	4187788.38	64.11931	654050.13	4187788.38	59.06976
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654150.13	4187788.38	40.12754	654170.13	4187788.38	37.37689

654190.13 4187788.38 34.89141 654210.13
4187788.38 32.64129
654230.13 4187788.38 30.60032 654250.13
4187788.38 28.74542
654270.13 4187788.38 27.05600 654290.13
4187788.38 25.51409
654310.13 4187788.38 24.10368 654330.13
4187788.38 22.81075
654350.13 4187788.38 21.62282 654370.13
4187788.38 20.52903
654390.13 4187788.38 19.51970 654410.13
4187788.38 18.58635
654430.13 4187788.38 17.72151 654450.13
4187788.38 16.91855
654470.13 4187788.38 16.17158 654490.13
4187788.38 15.47544
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4187808.38 133.21385
653730.13 4187808.38 137.78908 653750.13
4187808.38 143.72852
653770.13 4187808.38 149.97069 653790.13
4187808.38 153.43553
653810.13 4187808.38 151.90435 653830.13
4187808.38 146.40510
653850.13 4187808.38 139.57620 653870.13
4187808.38 132.25275
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4187808.38 115.33070
653930.13 4187808.38 106.26116 653950.13
4187808.38 97.36668
653970.13 4187808.38 88.91737 653990.13
4187808.38 81.07071
654010.13 4187808.38 73.90835 654030.13
4187808.38 67.45003
654050.13 4187808.38 61.67339 654070.13
4187808.38 56.52792
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4187808.38 47.87925
654130.13 4187808.38 44.24976 654150.13
4187808.38 41.00790
654170.13 4187808.38 38.10524 654190.13
4187808.38 35.49937
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4187808.38 31.03681
654250.13 4187808.38 29.12064 654270.13
4187808.38 27.38156
654290.13 4187808.38 25.79878 654310.13
4187808.38 24.35431
654330.13 4187808.38 23.03260 654350.13
4187808.38 21.82004

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4187808.38       16.27228
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4187828.38      173.56616
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4187828.38      187.81471
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4187828.38      168.07622
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4187828.38      143.64702
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4187828.38      117.99488
         653950.13    4187828.38      106.24488                       653970.13
4187828.38       95.57768
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 401
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653990.13    4187828.38       86.06729                       654010.13
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4187828.38       63.91257
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654150.13 4187828.38 41.75373 654170.13
4187828.38 38.72386
654190.13 4187828.38 36.01824 654210.13
4187828.38 33.59337
654230.13 4187828.38 31.41241 654250.13
4187828.38 29.44411
654270.13 4187828.38 27.66173 654290.13
4187828.38 26.04247
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4187828.38 23.21851
654350.13 4187828.38 21.98268 654370.13
4187828.38 20.84710
654390.13 4187828.38 19.80104 654410.13
4187828.38 18.83521
654430.13 4187828.38 17.94142 654450.13
4187828.38 17.11257
654470.13 4187828.38 16.34238 654490.13
4187828.38 15.62537
653690.13 4187848.38 197.36512 653710.13
4187848.38 213.52713
653730.13 4187848.38 226.68502 653750.13
4187848.38 240.38279
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4187848.38 249.36332
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4187848.38 72.75758
654050.13 4187848.38 65.77621 654070.13
4187848.38 59.74106
654090.13 4187848.38 54.49857 654110.13
4187848.38 49.92230
654130.13 4187848.38 45.90731 654150.13
4187848.38 42.36780
654170.13 4187848.38 39.23286 654190.13
4187848.38 36.44348
654210.13 4187848.38 33.95083 654230.13
4187848.38 31.71417

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         654250.13    4187848.38       29.69947                       654270.13
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4187848.38       24.72155
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4187848.38       22.09140
         654370.13    4187848.38       20.93739                       654390.13
4187848.38       19.87533
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4187848.38       16.37080
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4187868.38      254.55126
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4187868.38      247.04127
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4187868.38      185.80170
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4187868.38      138.89210
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 402
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4187868.38       67.24967
         654070.13    4187868.38       60.88290                      654090.13
4187868.38       55.39470
         654110.13    4187868.38       50.63323                      654130.13
4187868.38       46.47607
         654150.13    4187868.38       42.82556                      654170.13
4187868.38       39.60220
         654190.13    4187868.38       36.74169                      654210.13
4187868.38       34.19104
         654230.13    4187868.38       31.90675                      654250.13
4187868.38       29.85244
         654270.13    4187868.38       27.99803                      654290.13
4187868.38       26.31805
         654310.13    4187868.38       24.79103                      654330.13
4187868.38       23.39863
         654350.13    4187868.38       22.12538                      654370.13
4187868.38       20.95778
         654390.13    4187868.38       19.88435                      654410.13
4187868.38       18.89506
         654430.13    4187868.38       17.98123                      654450.13
4187868.38       17.13522
         654470.13    4187868.38       16.35040                      654490.13
4187868.38       15.62092
         653690.13    4187888.38      340.18946                      653830.13
4187888.38      350.18361
         653850.13    4187888.38      293.43036                      653870.13
4187888.38      244.25384
         653890.13    4187888.38      204.07567                      653910.13
4187888.38      172.04175
         653930.13    4187888.38      146.59558                      653950.13
4187888.38      126.25263
         653970.13    4187888.38      109.82064                      653990.13
4187888.38       96.39941
         654010.13    4187888.38       85.31596                      654030.13
4187888.38       76.06785
         654050.13    4187888.38       68.27553                      654070.13
4187888.38       61.65010
         654090.13    4187888.38       55.97036                      654110.13
4187888.38       51.06408
         654130.13    4187888.38       46.79598                      654150.13
4187888.38       43.05950
         654170.13    4187888.38       39.76905                      654190.13
4187888.38       36.85573
         654210.13    4187888.38       34.26331                      654230.13
4187888.38       31.94607
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         654250.13    4187888.38       29.86582                       654270.13
4187888.38       27.99089
         654290.13    4187888.38       26.29479                       654310.13
4187888.38       24.75519
         654330.13    4187888.38       23.35309                       654350.13
4187888.38       22.07237
         654370.13    4187888.38       20.89918                       654390.13
4187888.38       19.82167
         654410.13    4187888.38       18.82951                       654430.13
4187888.38       17.91378
         654450.13    4187888.38       17.06666                       654470.13
4187888.38       16.28135
         654490.13    4187888.38       15.55189                       653690.13
4187908.38      477.47824
         653830.13    4187908.38      425.75446                       653850.13
4187908.38      335.08449
         653870.13    4187908.38      267.64292                       653890.13
4187908.38      217.80509
         653910.13    4187908.38      180.45852                       653930.13
4187908.38      151.92975
         653950.13    4187908.38      129.71345                       653970.13
4187908.38      112.10250
         653990.13    4187908.38       97.91631                       654010.13
4187908.38       86.32360
         654030.13    4187908.38       76.72813                       654050.13
4187908.38       68.69437
         654070.13    4187908.38       61.89942                       654090.13
4187908.38       56.09904
         654110.13    4187908.38       51.10685                       654130.13
4187908.38       46.77730
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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                                 PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654150.13	4187908.38	42.99720	654170.13	4187908.38	39.67619
654190.13	4187908.38	36.74176	654210.13	4187908.38	34.13560
654230.13	4187908.38	31.80948	654250.13	4187908.38	29.72438
654270.13	4187908.38	27.84744	654290.13	4187908.38	26.15140
654310.13	4187908.38	24.61337	654330.13	4187908.38	23.21393
654350.13	4187908.38	21.93662	654370.13	4187908.38	20.76735
654390.13	4187908.38	19.69408	654410.13	4187908.38	18.70637
654430.13	4187908.38	17.79514	654450.13	4187908.38	16.95254
654470.13	4187908.38	16.17172	654490.13	4187908.38	15.44664
653690.13	4187928.38	717.27329	653830.13	4187928.38	485.88973
653850.13	4187928.38	363.55038	653870.13	4187928.38	282.06547
653890.13	4187928.38	225.42466	653910.13	4187928.38	184.54455
653930.13	4187928.38	154.08823	653950.13	4187928.38	130.78213
653970.13	4187928.38	112.53911	653990.13	4187928.38	97.98092
654010.13	4187928.38	86.16955	654030.13	4187928.38	76.44799
654050.13	4187928.38	68.34528	654070.13	4187928.38	61.51624
654090.13	4187928.38	55.70450	654110.13	4187928.38	50.71383
654130.13	4187928.38	46.39465	654150.13	4187928.38	42.62948
654170.13	4187928.38	39.32625	654190.13	4187928.38	36.41069
654210.13	4187928.38	33.82356	654230.13	4187928.38	31.51631
654250.13	4187928.38	29.44933	654270.13	4187928.38	27.58963
654290.13	4187928.38	25.90985	654310.13	4187928.38	24.38701
654330.13	4187928.38	23.00180	654350.13	4187928.38	21.73775

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         654370.13    4187928.38       20.58078                       654390.13
4187928.38       19.51891
         654410.13    4187928.38       18.54175                       654430.13
4187928.38       17.64031
         654450.13    4187928.38       16.80677                       654470.13
4187928.38       16.03435
         654490.13    4187928.38       15.31707                       653690.13
4187948.38     1145.20627
         653830.13    4187948.38      509.36634                       653850.13
4187948.38      370.66216
         653870.13    4187948.38      283.32949                       653890.13
4187948.38      224.51843
         653910.13    4187948.38      182.88148                       653930.13
4187948.38      152.23614
         653950.13    4187948.38      128.97205                       653970.13
4187948.38      110.86217
         653990.13    4187948.38       96.46523                       654010.13
4187948.38       84.81497
         654030.13    4187948.38       75.24354                       654050.13
4187948.38       67.27590
         654070.13    4187948.38       60.56679                       654090.13
4187948.38       54.85928
         654110.13    4187948.38       49.95998                       654130.13
4187948.38       45.72045
         654150.13    4187948.38       42.02497                       654170.13
4187948.38       38.78212
         654190.13    4187948.38       35.91971                       654210.13
4187948.38       33.37912
         654230.13    4187948.38       31.11283                       654250.13
4187948.38       29.08190
         654270.13    4187948.38       27.25420                       654290.13
4187948.38       25.60280
         654310.13    4187948.38       24.10528                       654330.13
4187948.38       22.74259
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654350.13	4187948.38	21.49875	654370.13	4187948.38	20.35992
654390.13	4187948.38	19.31440	654410.13	4187948.38	18.35197
654430.13	4187948.38	17.46386	654450.13	4187948.38	16.64241
654470.13	4187948.38	15.88096	654490.13	4187948.38	15.17371
653690.13	4187968.38	1428.43997	653830.13	4187968.38	478.42399
653850.13	4187968.38	350.48145	653870.13	4187968.38	269.43997
653890.13	4187968.38	214.54574	653910.13	4187968.38	175.47415
653930.13	4187968.38	146.57828	653950.13	4187968.38	124.55181
653970.13	4187968.38	107.34095	653990.13	4187968.38	93.61361
654010.13	4187968.38	82.47249	654030.13	4187968.38	73.29522
654050.13	4187968.38	65.63780	654070.13	4187968.38	59.17557
654090.13	4187968.38	53.66754	654110.13	4187968.38	48.93122
654130.13	4187968.38	44.82587	654150.13	4187968.38	41.24188
654170.13	4187968.38	38.09267	654190.13	4187968.38	35.30938
654210.13	4187968.38	32.83612	654230.13	4187968.38	30.62748
654250.13	4187968.38	28.64629	654270.13	4187968.38	26.86154
654290.13	4187968.38	25.24764	654310.13	4187968.38	23.78283
654330.13	4187968.38	22.44896	654350.13	4187968.38	21.23049
654370.13	4187968.38	20.11418	654390.13	4187968.38	19.08864
654410.13	4187968.38	18.14406	654430.13	4187968.38	17.27191
654450.13	4187968.38	16.46482	654470.13	4187968.38	15.71627

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4187988.38     1137.70895
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4187988.38      302.96451
         653870.13    4187988.38      240.03172                       653890.13
4187988.38      195.11198
         653910.13    4187988.38      161.97727                       653930.13
4187988.38      136.83235
         653950.13    4187988.38      117.28903                       653970.13
4187988.38      101.78559
         653990.13    4187988.38       89.27024                       654010.13
4187988.38       79.01353
         654030.13    4187988.38       70.49658                       654050.13
4187988.38       63.34152
         654070.13    4187988.38       57.26838                       654090.13
4187988.38       52.06629
         654110.13    4187988.38       47.57363                       654130.13
4187988.38       43.66500
         654150.13    4187988.38       40.24145                       654170.13
4187988.38       37.22449
         654190.13    4187988.38       34.55099                       654210.13
4187988.38       32.16962
         654230.13    4187988.38       30.03862                       654250.13
4187988.38       28.12341
         654270.13    4187988.38       26.39514                       654290.13
4187988.38       24.82973
         654310.13    4187988.38       23.40695                       654330.13
4187988.38       22.10958
         654350.13    4187988.38       20.92299                       654370.13
4187988.38       19.83463
         654390.13    4187988.38       18.83375                       654410.13
4187988.38       17.91099
         654430.13    4187988.38       17.05820                       654450.13
4187988.38       16.26835
         654470.13    4187988.38       15.53524                       654490.13
4187988.38       14.85347
         653655.14    4187974.84      726.05991                       653791.22
4188024.71      321.18407
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 405
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
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VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653827.99	4188054.29	151.30920	653851.66	4188036.97	164.77704
653905.33	4188036.12	117.74681	653749.81	4188104.17	113.76341
653938.30	4188029.78	100.90131	653988.59	4188027.67	76.48107
654041.42	4188038.23	56.05626	653989.86	4188051.76	66.45988
653634.01	4187869.18	161.24854	653624.71	4187963.01	377.75739
653582.87	4187962.16	213.57873	653701.20	4188100.78	136.52634
654582.91	4187495.31	10.96459	654554.33	4187451.49	10.93407
654607.68	4187449.58	10.13780	654492.60	4186914.23	5.26255
654507.05	4186910.79	5.21503	654509.12	4186964.47	5.63854
653809.30	4186919.71	5.63362	654342.28	4186818.67	5.11697
655092.49	4187197.56	4.90242	654238.71	4186303.37	2.86924
655153.11	4188271.10	4.33637	653689.06	4188008.65	1093.10658
653683.67	4188032.40	554.90802	653706.08	4188038.27	427.92395
653679.42	4188056.68	315.53225	653658.84	4188047.21	382.16360
653702.97	4188063.08	251.68866	653675.63	4188081.17	201.44006
653653.68	4188071.07	247.22567	653699.87	4188087.89	165.73767
653668.64	4188130.42	102.76618	653645.12	4188119.60	123.48984
653621.60	4188108.77	140.43405	653693.66	4188137.50	88.52886
653663.21	4188180.40	62.25602	653641.26	4188170.29	71.72553

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         653619.30    4188160.19       81.38191                       653597.35
4188150.08       89.39411
         653575.40    4188139.97       93.13740                       653687.45
4188187.11       55.73742
         653656.54    4188229.80       42.38890                       653633.67
4188219.27       47.93863
         653610.81    4188208.75       53.82433                       653587.94
4188198.22       59.35400
         653565.07    4188187.69       63.75295                       653542.20
4188177.17       65.73896
         653681.24    4188236.72       38.69204                       653650.00
4188279.26       30.92196
         653626.48    4188268.43       34.43631                       653602.96
4188257.61       38.27159
         653579.44    4188246.78       42.02396                       653555.92
4188235.95       45.42745
         653532.40    4188225.12       48.08715                       653508.88
4188214.30       49.26524
         653675.02    4188286.34       28.63883                       653643.55
4188328.76       23.65264
         653619.54    4188317.71       26.00625                       653595.53
4188306.66       28.64314
         653571.52    4188295.60       31.30372                       653547.50
4188284.55       33.79419
         653523.49    4188273.50       36.03466                       653499.48
4188262.44       37.76339
         653475.47    4188251.39       38.50086                       653668.81
4188335.95       22.15746
         653631.37    4188428.10       15.27341                       653607.85
4188417.27       16.39740
         653584.33    4188406.45       17.68794                       653560.81
4188395.62       19.06433
         653537.29    4188384.79       20.43670                       653513.77
4188373.96       21.72941
         653490.25    4188363.13       22.93124                       653466.73
4188352.31       24.04258
         653443.21    4188341.48       24.96564                       653419.68
4188330.65       25.52018
         653656.39    4188435.17       14.56780                       653618.64
4188527.18       10.81951
         653594.49    4188516.07       11.46200                       653570.34
4188504.95       12.21411
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE 406
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653546.19	4188493.83	13.03349	653522.04	4188482.72	13.88587
653497.90	4188471.60	14.72097	653473.75	4188460.48	15.50339
653449.60	4188449.37	16.23354	653425.45	4188438.25	16.93351
653401.30	4188427.13	17.58402	653377.16	4188416.02	18.11476
653353.01	4188404.90	18.43448	653643.97	4188534.40	10.42883
653606.40	4188626.49	8.13482	653582.61	4188615.54	8.51947
653558.83	4188604.60	8.97261	653535.05	4188593.65	9.47301
653511.27	4188582.70	10.00282	653487.49	4188571.75	10.54922
653463.70	4188560.80	11.08727	653439.92	4188549.86	11.59489
653416.14	4188538.91	12.06654	653392.36	4188527.96	12.51602
653368.58	4188517.01	12.95653	653344.79	4188506.06	13.37718
653321.01	4188495.12	13.73885	653297.23	4188484.17	13.99648
653273.45	4188473.22	14.10567	653631.55	4188633.63	7.90334
653593.76	4188725.62	6.38650	653569.55	4188714.47	6.64349
653545.33	4188703.33	6.95104	653521.12	4188692.18	7.29274
653496.91	4188681.03	7.65441	653472.70	4188669.89	8.03023
653448.48	4188658.74	8.41433	653424.27	4188647.60	8.79175

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         653400.06    4188636.45        9.14569                     653375.85
4188625.30        9.47437
         653351.63    4188614.16        9.78648                     653327.42
4188603.01       10.09429
         653303.21    4188591.86       10.40013                     653279.00
4188580.72       10.68854
         653254.78    4188569.57       10.93472                     653230.57
4188558.43       11.10765
         653206.36    4188547.28       11.18192                     653619.13
4188732.85        6.23622
         653581.48    4188824.91        5.16956                     653557.56
4188813.90        5.34267
         653533.64    4188802.88        5.55235                     653509.71
4188791.87        5.78829
         653485.79    4188780.86        6.03944                     653461.87
4188769.85        6.29965
         653437.95    4188758.83        6.56819                     653414.02
4188747.82        6.84248
         653390.10    4188736.81        7.11435                     653366.18
4188725.80        7.37152
         653342.25    4188714.78        7.60859                     653318.33
4188703.77        7.83126
         653294.41    4188692.76        8.04771                     653270.49
4188681.74        8.26618
         653246.56    4188670.73        8.48450                     653222.64
4188659.72        8.69442
         653198.72    4188648.71        8.87965                     653174.79
4188637.69        9.02349
         653150.87    4188626.68        9.10776                     653606.70
4188832.08        5.06978
         653550.32    4189072.92        3.35412                     653526.17
4189061.81        3.43206
         653502.02    4189050.69        3.52897                     653477.87
4189039.57        3.64210
         653453.72    4189028.46        3.76597                     653429.58
4189017.34        3.89485
         653405.43    4189006.22        4.02574                     653381.28
4188995.11        4.15864
         653357.13    4188983.99        4.29578                     653332.98
4188972.87        4.43749
         653308.84    4188961.76        4.58088                     653284.69
4188950.64        4.72076
         653260.54    4188939.53        4.85167                     653236.39
4188928.41        4.97156
         653212.24    4188917.29        5.08249                     653188.10
4188906.18        5.18903
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653163.95	4188895.06	5.29664	653139.80	4188883.94	5.40745
653115.65	4188872.83	5.52110	653091.50	4188861.71	5.63432
653067.36	4188850.59	5.74261	653043.21	4188839.48	5.83970
653019.06	4188828.36	5.91880	652994.91	4188817.24	5.97337
652970.76	4188806.13	5.99742	653575.65	4189080.14	3.31177
653519.38	4189321.04	2.38402	653495.48	4189310.04	2.42343
653471.58	4189299.04	2.47313	653447.68	4189288.04	2.53305
653423.78	4189277.03	2.60123	653399.88	4189266.03	2.67427
653375.98	4189255.03	2.74927	653352.08	4189244.03	2.82421
653328.18	4189233.02	2.89892	653304.28	4189222.02	2.97436
653280.38	4189211.02	3.05211	653256.48	4189200.02	3.13312
653232.58	4189189.02	3.21687	653208.68	4189178.01	3.30115
653184.78	4189167.01	3.38280	653160.88	4189156.01	3.45916
653136.98	4189145.01	3.52921	653113.08	4189134.00	3.59343
653089.18	4189123.00	3.65412	653065.28	4189112.00	3.71359

653041.38 4189101.00 3.77406 653017.48
4189089.99 3.83694
652993.58 4189078.99 3.90214 652969.68
4189067.99 3.96884
652945.78 4189056.99 4.03544 652921.88
4189045.99 4.09994
652897.98 4189034.98 4.15992 652874.08
4189023.98 4.21225
652850.18 4189012.98 4.25456 652826.28
4189001.98 4.28358
652802.38 4188990.97 4.29736 653544.59
4189328.20 2.36398
653488.25 4189569.07 1.79954 653464.19
4189558.00 1.82180
653440.14 4189546.92 1.85030 653416.08
4189535.85 1.88553
653392.02 4189524.77 1.92688 653367.96
4189513.70 1.97270
653343.90 4189502.62 2.02106 653319.85
4189491.55 2.07001
653295.79 4189480.47 2.11843 653271.73
4189469.40 2.16587
653247.67 4189458.32 2.21291 653223.62
4189447.25 2.26056
653199.56 4189436.17 2.31000 653175.50
4189425.10 2.36183
653151.44 4189414.02 2.41606 653127.38
4189402.95 2.47160
653103.33 4189391.87 2.52670 653079.27
4189380.80 2.57949
653055.21 4189369.72 2.62847 653031.15
4189358.65 2.67301
653007.10 4189347.57 2.71367 652983.04
4189336.50 2.75167
652958.98 4189325.42 2.78851 652934.92
4189314.35 2.82568
652910.86 4189303.27 2.86402 652886.81
4189292.20 2.90413
652862.75 4189281.12 2.94591 652838.69
4189270.05 2.98882
652814.63 4189258.97 3.03247 652790.58
4189247.90 3.07561
652766.52 4189236.82 3.11733 652742.46
4189225.75 3.15632
652718.40 4189214.67 3.19129 652694.35
4189203.60 3.22065
652670.29 4189192.52 3.24292 652646.23
4189181.45 3.25658
653513.54 4189576.27 1.78917 653457.14
4189817.11 1.41676

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                  *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                      INCLUDING SOURCE(S):   STCK1   , STCK2   , VOL1   , VOL2   , VOL3   ,
                 VOL4   , VOL5   , VOL6   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652804.44 4189516.64 2.23544 652780.26
4189505.51 2.26164
652756.09 4189494.38 2.28917 652731.91
4189483.25 2.31786
652707.74 4189472.13 2.34743 652683.57
4189461.00 2.37754
652659.39 4189449.87 2.40771 652635.22
4189438.74 2.43745
652611.04 4189427.61 2.46618 652586.87
4189416.48 2.49324
652562.70 4189405.36 2.51787 652538.52
4189394.23 2.53926
652514.35 4189383.10 2.55648 652490.17
4189371.97 2.56860
652466.00 4189360.84 2.57486 653482.48
4189824.33 1.41127
653395.06 4190313.25 0.95775 653370.96
4190302.15 0.96303
653346.85 4190291.06 0.97008 653322.74
4190279.96 0.97932
653298.63 4190268.86 0.99099 653274.53
4190257.76 1.00498
653250.42 4190246.67 1.02104 653226.31
4190235.57 1.03870
653202.21 4190224.47 1.05736 653178.10
4190213.37 1.07642
653153.99 4190202.27 1.09534 653129.89
4190191.18 1.11369
653105.78 4190180.08 1.13128 653081.67
4190168.98 1.14805
653057.56 4190157.88 1.16414 653033.46
4190146.79 1.17983
653009.35 4190135.69 1.19553 652985.24
4190124.59 1.21168
652961.14 4190113.49 1.22864 652937.03
4190102.40 1.24669
652912.92 4190091.30 1.26596 652888.82
4190080.20 1.28632
652864.71 4190069.10 1.30752 652840.60
4190058.01 1.32905
652816.50 4190046.91 1.35036 652792.39
4190035.81 1.37091
652768.28 4190024.71 1.39026 652744.17
4190013.62 1.40801
652720.07 4190002.52 1.42417 652695.96
4189991.42 1.43881
652671.85 4189980.32 1.45224 652647.75
4189969.23 1.46487
652623.64 4189958.13 1.47715 652599.53
4189947.03 1.48943

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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652430.78	4189869.35	1.58959	652406.68	4189858.25	1.60568
652382.57	4189847.15	1.62187	652358.46	4189836.06	1.63801
652334.36	4189824.96	1.65397	652310.25	4189813.86	1.66956
652286.14	4189802.76	1.68456	652262.04	4189791.67	1.69872
652237.93	4189780.57	1.71176	652213.82	4189769.47	1.72333
652189.72	4189758.37	1.73306	652165.61	4189747.28	1.74053
652141.50	4189736.18	1.74540	653420.38	4190320.46	0.95636
653332.88	4190809.34	0.70021	653308.63	4190798.18	0.70249
653284.38	4190787.02	0.70567	653260.13	4190775.85	0.71003
653235.88	4190764.69	0.71573	653211.63	4190753.53	0.72285

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         653187.38    4190742.36        0.73137                    653163.13
4190731.20        0.74114
         653138.88    4190720.04        0.75191                    653114.63
4190708.87        0.76341
         653090.38    4190697.71        0.77529                    653066.13
4190686.55        0.78725
         653041.88    4190675.38        0.79914                    653017.63
4190664.22        0.81058
         652993.38    4190653.06        0.82150                    652969.13
4190641.89        0.83183
         652944.88    4190630.73        0.84158                    652920.63
4190619.57        0.85088
         652896.38    4190608.40        0.85991                    652872.13
4190597.24        0.86887
         652847.88    4190586.08        0.87799                    652823.63
4190574.91        0.88749
         652799.38    4190563.75        0.89756                    652775.13
4190552.59        0.90830
         652750.88    4190541.42        0.91981                    652726.63
4190530.26        0.93209
         652702.38    4190519.10        0.94501                    652678.13
4190507.93        0.95839
         652653.88    4190496.77        0.97197                    652629.63
4190485.61        0.98545
         652605.38    4190474.44        0.99854                    652581.13
4190463.28        1.01096
         652556.88    4190452.12        1.02250                    652532.63
4190440.95        1.03307
         652508.38    4190429.79        1.04263                    652484.13
4190418.63        1.05130
         652459.88    4190407.46        1.05924                    652435.63
4190396.30        1.06665
         652411.38    4190385.14        1.07377                    652387.13
4190373.97        1.08080
         652362.88    4190362.81        1.08792                    652338.63
4190351.64        1.09525
         652314.38    4190340.48        1.10290                    652290.13
4190329.32        1.11090
         652265.88    4190318.15        1.11929                    652241.63
4190306.99        1.12803
         652217.38    4190295.83        1.13708                    652193.13
4190284.66        1.14640
         652168.88    4190273.50        1.15590                    652144.63
4190262.34        1.16554
         652120.38    4190251.17        1.17528                    652096.13
4190240.01        1.18506
         652071.88    4190228.85        1.19485                    652047.63
4190217.68        1.20460
         652023.38    4190206.52        1.21423                    651999.13
4190195.36        1.22368
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         651974.88    4190184.19        1.23286                       651950.63
4190173.03        1.24166
         651926.38    4190161.87        1.24994                       651902.13
4190150.70        1.25756
         651877.88    4190139.54        1.26432                       651853.63
4190128.38        1.27003
         651829.38    4190117.21        1.27449                       651805.13
4190106.05        1.27749
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 410
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                 **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653358.27    4190816.59        0.70014                       653270.80
4191305.49        0.53950
         653246.61    4191294.35        0.54048                       653222.42
4191283.21        0.54196
         653198.23    4191272.08        0.54409                       653174.04
4191260.94        0.54702
         653149.84    4191249.80        0.55082                       653125.65
4191238.67        0.55554
         653101.46    4191227.53        0.56116                       653077.27
4191216.39        0.56759
         653053.08    4191205.26        0.57470                       653028.89
4191194.12        0.58236
         653004.70    4191182.99        0.59037                       652980.51
4191171.85        0.59856
         652956.31    4191160.71        0.60676                       652932.12
4191149.58        0.61479
         652907.93    4191138.44        0.62254                       652883.74
4191127.30        0.62991
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652859.55 4191116.17 0.63686 652835.36
4191105.03 0.64337
652811.17 4191093.89 0.64949 652786.98
4191082.76 0.65527
652762.78 4191071.62 0.66082 652738.59
4191060.49 0.66626
652714.40 4191049.35 0.67174 652690.21
4191038.21 0.67738
652666.02 4191027.08 0.68331 652641.83
4191015.94 0.68963
652617.64 4191004.80 0.69642 652593.44
4190993.67 0.70372
652569.25 4190982.53 0.71154 652545.06
4190971.40 0.71983
652520.87 4190960.26 0.72854 652496.68
4190949.12 0.73753
652472.49 4190937.99 0.74667 652448.30
4190926.85 0.75581
652424.11 4190915.71 0.76475 652399.91
4190904.58 0.77335
652375.72 4190893.44 0.78147 652351.53
4190882.30 0.78900
652327.34 4190871.17 0.79590 652303.15
4190860.03 0.80217
652278.96 4190848.90 0.80784 652254.77
4190837.76 0.81302
652230.58 4190826.62 0.81782 652206.38
4190815.49 0.82236
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4190793.21 0.83116
652133.81 4190782.08 0.83561 652109.62
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652085.43 4190759.80 0.84496 652061.24
4190748.67 0.84995
652037.04 4190737.53 0.85517 652012.85
4190726.40 0.86062
651988.66 4190715.26 0.86629 651964.47
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4190681.85 0.88422
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4190659.58 0.89663
651843.51 4190648.44 0.90291 651819.32
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651795.13 4190626.17 0.91555 651770.94
4190615.03 0.92189
651746.75 4190603.90 0.92817 651722.56
4190592.76 0.93438
651698.37 4190581.62 0.94051 651674.18
4190570.49 0.94651

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         651649.98    4190559.35        0.95238                       651625.79
4190548.21        0.95801
         651601.60    4190537.08        0.96332                       651577.41
4190525.94        0.96825
         651553.22    4190514.80        0.97271                       651529.03
4190503.67        0.97660
         651504.84    4190492.53        0.97977                       651480.65
4190481.40        0.98211
         651456.45    4190470.26        0.98360                       653296.16
4191312.71        0.53989
         653208.71    4191801.62        0.43145                       653184.57
4191790.51        0.43183
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 411
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653160.42    4191779.39        0.43250                       653136.27
4191768.27        0.43355
         653112.12    4191757.16        0.43510                       653087.97
4191746.04        0.43721
         653063.83    4191734.92        0.43993                       653039.68
4191723.81        0.44326
         653015.53    4191712.69        0.44721                       652991.38
4191701.58        0.45170
         652967.23    4191690.46        0.45669                       652943.09
4191679.34        0.46207
         652918.94    4191668.23        0.46775                       652894.79
4191657.11        0.47362
         652870.64    4191645.99        0.47955                       652846.49
4191634.88        0.48545
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652822.35 4191623.76 0.49123 652798.20 4191612.64 0.49680
652774.05 4191601.53 0.50210 652749.90 4191590.41 0.50709
652725.75 4191579.29 0.51177 652701.61 4191568.18 0.51613
652677.46 4191557.06 0.52022 652653.31 4191545.95 0.52405
652629.16 4191534.83 0.52772 652605.01 4191523.71 0.53128
652580.87 4191512.60 0.53481 652556.72 4191501.48 0.53841
652532.57 4191490.36 0.54214 652508.42 4191479.25 0.54609
652484.27 4191468.13 0.55031 652460.13 4191457.01 0.55486
652435.98 4191445.90 0.55976 652411.83 4191434.78 0.56502
652387.68 4191423.67 0.57064 652363.53 4191412.55 0.57658
652339.39 4191401.43 0.58279 652315.24 4191390.32 0.58920
652291.09 4191379.20 0.59571 652266.94 4191368.08 0.60224
652242.79 4191356.97 0.60868 652218.65 4191345.85 0.61493
652194.50 4191334.73 0.62090 652170.35 4191323.62 0.62651
652146.20 4191312.50 0.63172 652122.05 4191301.38 0.63650
652097.91 4191290.27 0.64085 652073.76 4191279.15 0.64480
652049.61 4191268.04 0.64840 652025.46 4191256.92 0.65172
652001.31 4191245.80 0.65483 651977.17 4191234.69 0.65782
651953.02 4191223.57 0.66074 651928.87 4191212.45 0.66366
651904.72 4191201.34 0.66664 651880.57 4191190.22 0.66970
651856.43 4191179.10 0.67289 651832.28 4191167.99 0.67621
651808.13 4191156.87 0.67969 651783.98 4191145.76 0.68331
651759.84 4191134.64 0.68710 651735.69 4191123.52 0.69098
651711.54 4191112.41 0.69494 651687.39 4191101.29 0.69900
651663.24 4191090.17 0.70312 651639.10 4191079.06 0.70726

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         651614.95    4191067.94        0.71139                       651590.80
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         651566.65    4191045.71        0.71968                       651542.50
4191034.59        0.72391
         651518.36    4191023.47        0.72821                       651494.21
4191012.36        0.73256
         651470.06    4191001.24        0.73693                       651445.91
4190990.13        0.74126
         651421.76    4190979.01        0.74558                       651397.62
4190967.89        0.74984
         651373.47    4190956.78        0.75405                       651349.32
4190945.66        0.75821
         651325.17    4190934.54        0.76229                       651301.02
4190923.43        0.76623
         651276.88    4190912.31        0.77002                       651252.73
4190901.19        0.77357
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                 **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         651180.28    4190867.85        0.78228                       651156.14
4190856.73        0.78427
         651131.99    4190845.61        0.78571                       653234.05
4191808.84        0.43199
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4188038.66      353.48149
         653761.39    4188038.66      301.52556                    653785.94
4188038.66      254.36946
         653810.49    4188038.66      213.60439                    653736.84
4188063.66      215.03408
         653761.39    4188063.66      191.54363                    653785.94
4188063.66      168.09352
         653810.49    4188063.66      146.99688                    653736.84
4188088.66      145.32279
         653761.39    4188088.66      133.17119                    653785.94
4188088.66      120.44512
         653810.49    4188088.66      108.03468                    653736.84
4188138.66       80.12340
         653761.39    4188138.66       75.82007                    653785.94
4188138.66       71.09244
         653810.49    4188138.66       66.19471                    653712.29
4188188.66       52.98942
         653736.84    4188188.66       51.35067                    653761.39
4188188.66       49.44316
         653785.94    4188188.66       47.22039                    653810.49
4188188.66       44.89512
         653712.29    4188238.66       36.90284                    653736.84
4188238.66       36.05231
         653761.39    4188238.66       35.05728                    653785.94
4188238.66       33.87395
         653810.49    4188238.66       32.58208                    653712.29
4188288.66       27.40222
         653736.84    4188288.66       26.89514                    653761.39
4188288.66       26.30349
         653785.94    4188288.66       25.61277                    653810.49
4188288.66       24.83363
         653712.29    4188338.66       21.26051                    653736.84
4188338.66       20.93356
         653761.39    4188338.66       20.56016                    653785.94
4188338.66       20.13173
         653810.49    4188338.66       19.63290                    653693.66
4188437.50       14.21557
         653736.84    4188438.66       13.88925                    653761.39
4188438.66       13.70874
         653785.94    4188438.66       13.51042                    653810.49
4188438.66       13.27697
         653689.52    4188537.24       10.21303                    653666.74
4188535.82       10.31298
         653712.29    4188538.66       10.09775                    653736.84
4188538.66        9.99984
         653761.39    4188538.66        9.89681                    653785.94
4188538.66        9.78953
         653810.49    4188538.66        9.66518                    653692.10
4188637.40        7.74098
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         653736.84    4188638.66        7.60614                      653761.39
4188638.66        7.54064
         653785.94    4188638.66        7.47668                      653810.49
4188638.66        7.40436
         653689.00    4188737.21        6.12092                      653665.71
4188735.76        6.16486
         653642.42    4188734.30        6.19845                      653712.29
4188738.66        6.06399
         653736.84    4188738.66        6.01740                      653761.39
4188738.66        5.97284
         653785.94    4188738.66        5.93146                      653810.49
4188738.66        5.88697
         653691.17    4188837.34        4.97628                      653648.94
4188834.71        5.03163
         653736.84    4188838.66        4.90172                      653761.39
4188838.66        4.86963
         653785.94    4188838.66        4.84129                      653810.49
4188838.66        4.81266
         653689.52    4189087.24        3.25701                      653666.74
4189085.82        3.27807
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653643.97    4189084.40        3.29314                      653621.20
4189082.98        3.30181
         653598.42    4189081.56        3.30646                      653712.29
4189088.66        3.23251
         653736.84    4189088.66        3.21325                      653761.39
4189088.66        3.19644
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653785.94 4189088.66 3.18281 653810.49
4189088.66 3.17079
653688.33 4189337.17 2.32762 653664.38
4189335.67 2.34271
653640.42 4189334.18 2.35438 653616.46
4189332.69 2.36151
653592.51 4189331.19 2.36423 653568.55
4189329.70 2.36409
653712.29 4189338.66 2.31102 653736.84
4189338.66 2.29883
653761.39 4189338.66 2.28863 653785.94
4189338.66 2.28081
653810.49 4189338.66 2.27467 653690.21
4189587.28 1.76131
653646.04 4189584.53 1.78046 653601.87
4189581.78 1.79170
653557.71 4189579.02 1.79282 653736.84
4189588.66 1.74255
653761.39 4189588.66 1.73572 653785.94
4189588.66 1.73062
653810.49 4189588.66 1.72694 653689.31
4189837.23 1.39004
653666.33 4189835.79 1.39794 653643.35
4189834.36 1.40518
653620.37 4189832.93 1.41116 653597.39
4189831.50 1.41536
653574.41 4189830.06 1.41754 653551.43
4189828.63 1.41770
653528.45 4189827.20 1.41622 653505.47
4189825.76 1.41377
653712.29 4189838.66 1.38211 653736.84
4189838.66 1.37612
653761.39 4189838.66 1.37124 653785.94
4189838.66 1.36764
653810.49 4189838.66 1.36515 653687.96
4190337.14 0.94282
653663.64 4190335.63 0.94783 653639.31
4190334.11 0.95268
653614.99 4190332.59 0.95704 653590.66
4190331.08 0.96060
653566.33 4190329.56 0.96314 653542.01
4190328.04 0.96450
653517.68 4190326.53 0.96462 653493.35
4190325.01 0.96359
653469.03 4190323.49 0.96160 653444.70
4190321.98 0.95902
653712.29 4190338.66 0.93794 653736.84
4190338.66 0.93442
653761.39 4190338.66 0.93152 653785.94
4190338.66 0.92935

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         653810.49    4190338.66        0.92789                       653688.69
4190837.19        0.69046
         653665.09    4190835.72        0.69362                       653641.49
4190834.25        0.69678
         653617.88    4190832.77        0.69980                       653594.28
4190831.30        0.70254
         653570.68    4190829.83        0.70488                       653547.08
4190828.36        0.70671
         653523.48    4190826.89        0.70794                       653499.88
4190825.42        0.70852
         653476.27    4190823.94        0.70842                       653452.67
4190822.47        0.70765
         653429.07    4190821.00        0.70627                       653405.47
4190819.53        0.70443
         653381.87    4190818.06        0.70232                       653712.29
4190838.66        0.68742
         653736.84    4190838.66        0.68512                       653761.39
4190838.66        0.68320
         653785.94    4190838.66        0.68172                       653810.49
4190838.66        0.68069
         653687.81    4191337.13        0.53283                       653663.33
4191335.61        0.53510
         653638.85    4191334.08        0.53739                       653614.38
4191332.55        0.53962
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 414
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         653589.90    4191331.03        0.54171                       653565.42
4191329.50        0.54358
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         653540.94    4191327.98        0.54518                    653516.46
4191326.45        0.54644
         653491.98    4191324.92        0.54731                    653467.51
4191323.40        0.54776
         653443.03    4191321.87        0.54776                    653418.55
4191320.34        0.54730
         653394.07    4191318.82        0.54640                    653369.59
4191317.29        0.54512
         653345.11    4191315.77        0.54353                    653320.64
4191314.24        0.54174
         653712.29    4191338.66        0.53065                    653736.84
4191338.66        0.52903
         653761.39    4191338.66        0.52765                    653785.94
4191338.66        0.52656
         653810.49    4191338.66        0.52577                    653688.38
4191837.17        0.42668
         653664.47    4191835.68        0.42829                    653640.55
4191834.19        0.42992
         653616.64    4191832.70        0.43153                    653592.73
4191831.21        0.43307
         653568.82    4191829.71        0.43451                    653544.90
4191828.22        0.43582
         653520.99    4191826.73        0.43696                    653497.08
4191825.24        0.43790
         653473.17    4191823.75        0.43863                    653449.26
4191822.26        0.43911
         653425.34    4191820.77        0.43932                    653401.43
4191819.28        0.43926
         653377.52    4191817.79        0.43891                    653353.61
4191816.30        0.43827
         653329.70    4191814.80        0.43737                    653305.78
4191813.31        0.43623
         653281.87    4191811.82        0.43492                    653257.96
4191810.33        0.43347
         653712.29    4191838.66        0.42515                    653736.84
4191838.66        0.42395
         653761.39    4191838.66        0.42291                    653785.94
4191838.66        0.42206
         653810.49    4191838.66        0.42143                    653835.43
4187990.43      357.74075
         653838.58    4187946.01      442.48422                    653841.72
4187901.59      353.02548
         653852.47    4188008.72      235.82405                    653861.94
4187969.98      296.49651
         653865.09    4187925.56      298.14434                    653868.23
4187881.14      237.93577
         653877.41    4188010.49      183.99864                    653844.57
4188050.24      144.89064
         653886.88    4187971.75      219.44957                    653890.02
4187927.33      225.47860
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4188012.25      147.49822
         653886.55    4188045.30      120.42687                      653861.61
4188068.54      106.45806
         653911.81    4187973.52      169.94967                      653914.96
4187929.10      176.41812
         653918.11    4187884.68      159.56462                      653950.64
4188019.09      100.18335
         653931.69    4188058.75       83.82567                      653892.29
4188106.46       65.26168
         653851.39    4188122.56       66.08645                      653961.69
4187977.05      111.75340
         653964.84    4187932.63      116.78189                      653967.98
4187888.21      111.40197
         654000.97    4188021.68       73.68923                      653982.92
4188059.45       65.54078
         653964.87    4188097.22       54.46944                      653927.35
4188142.66       44.56665
         653888.39    4188157.99       45.06465                      653849.44
4188173.33       45.45526
         654011.56    4187980.59       79.83396                      654014.71
4187936.17       83.38699
         654017.86    4187891.75       81.75548                      654051.09
4188024.69       56.65442
         654033.54    4188061.41       52.02167                      654016.00
4188098.14       45.59466
         653998.45    4188134.86       38.37949                      653961.97
4188179.03       32.66497
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 415
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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         654267.23    4187909.42       28.09684                       654349.97
4188046.67       19.57170
         654331.69    4188084.94       19.02871                       654313.40
4188123.21       18.07704
         654295.11    4188161.48       16.96744                       654276.83
4188199.74       15.80925
         654258.54    4188238.01       14.49041                       654240.26
4188276.28       13.09121
         654221.97    4188314.55       11.86841                       654203.69
4188352.81       10.90935
         654165.67    4188398.85       10.14053                       654126.20
4188414.38       10.14628
         654086.74    4188429.92       10.21788                       654047.28
4188445.45       10.31364
         654007.81    4188460.99       10.32299                       653968.35
4188476.52       10.30107
         653928.88    4188492.06       10.19584                       653889.42
4188507.59       10.01518
         653849.95    4188523.13        9.84905                       654360.69
4188005.33       20.04265
         654363.84    4187960.91       20.55250                       654366.98
4187916.49       20.87393
         654449.53    4188054.14       15.32235                       654430.87
4188093.20       14.99908
         654412.21    4188132.25       14.38843                       654393.54
4188171.31       13.63165
         654374.88    4188210.37       12.85720                       654356.21
4188249.43       12.04309
         654337.55    4188288.49       11.10877                       654318.89
4188327.54       10.14251
         654300.22    4188366.60        9.29967                       654281.56
4188405.66        8.63075
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 416
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654262.90	4188444.72	8.08357	654233.43	4188472.18	7.83447
654193.15	4188488.03	7.82143	654152.87	4188503.89	7.86034
654112.59	4188519.74	7.94518	654072.31	4188535.60	7.96945
654032.03	4188551.45	7.96136	653991.75	4188567.31	7.93752
653951.47	4188583.17	7.83905	653911.19	4188599.02	7.70492
653870.91	4188614.88	7.59294	654460.44	4188012.40	15.61465
654463.59	4187967.98	15.95847	654466.73	4187923.56	16.19693
654549.14	4188061.51	12.37588	654530.19	4188101.17	12.17515
654511.24	4188140.83	11.76836	654492.29	4188180.48	11.23592
654473.34	4188220.14	10.67218	654454.39	4188259.80	10.11813
654435.43	4188299.46	9.51537	654416.48	4188339.12	8.82648
654397.53	4188378.78	8.12947	654378.58	4188418.44	7.52152
654359.63	4188458.10	7.03191	654340.68	4188497.76	6.63677
654301.28	4188545.46	6.27043	654260.38	4188561.56	6.24869
654219.48	4188577.66	6.26679	654178.58	4188593.76	6.33716
654137.68	4188609.86	6.37352	654096.79	4188625.96	6.36809
654055.89	4188642.06	6.36458	654014.99	4188658.16	6.33516
653974.09	4188674.26	6.24686	653933.19	4188690.36	6.14564
653892.29	4188706.46	6.06724	653851.39	4188722.56	5.99171
654560.19	4188019.47	12.56749	654563.34	4187975.05	12.81012
654566.48	4187930.63	12.98747	654648.78	4188068.81	10.23980
654629.60	4188108.94	10.11181	654610.42	4188149.08	9.83264

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         654591.25    4188189.21        9.45032                      654572.07
4188229.34        9.02544
         654552.89    4188269.47        8.61008                      654533.72
4188309.60        8.19656
         654514.54    4188349.73        7.73207                      654495.37
4188389.86        7.20826
         654476.19    4188429.99        6.68784                      654457.01
4188470.12        6.23315
         654437.84    4188510.25        5.86280                      654418.66
4188550.39        5.56458
         654399.49    4188590.52        5.29691                      654369.20
4188618.73        5.15626
         654327.82    4188635.02        5.13089                      654286.43
4188651.31        5.13559
         654245.05    4188667.60        5.19128                      654203.66
4188683.89        5.23449
         654162.27    4188700.18        5.23532                      654120.89
4188716.48        5.22930
         654079.50    4188732.77        5.22781                      654038.11
4188749.06        5.19239
         653996.73    4188765.35        5.11548                      653955.34
4188781.64        5.03774
         653913.96    4188797.93        4.98088                      653872.57
4188814.22        4.92945
         654659.94    4188026.54       10.36971                      654663.09
4187982.12       10.54736
         654666.23    4187937.70       10.68337                      654898.35
4188086.07        6.88937
         654879.57    4188125.37        6.84902                      654860.79
4188164.67        6.73770
         654842.01    4188203.98        6.56955                      654823.23
4188243.28        6.36324
         654804.45    4188282.58        6.13764                      654785.67
4188321.88        5.91473
         654766.89    4188361.18        5.70570                      654748.11
4188400.48        5.49839
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 417
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654729.33	4188439.79	5.26873	654710.55	4188479.09	5.00638
654691.77	4188518.39	4.72727	654672.99	4188557.69	4.45957
654654.21	4188596.99	4.22255	654635.43	4188636.29	4.02193
654616.65	4188675.60	3.85597	654597.87	4188714.90	3.71787
654579.09	4188754.20	3.58884	654540.05	4188801.48	3.43786
654499.51	4188817.43	3.41295	654458.98	4188833.39	3.39935
654418.45	4188849.34	3.42047	654377.92	4188865.30	3.45991
654337.39	4188881.25	3.48478	654296.86	4188897.21	3.48452
654256.33	4188913.16	3.47622	654215.80	4188929.11	3.47670
654175.27	4188945.07	3.48018	654134.74	4188961.02	3.46647
654094.21	4188976.98	3.42762	654053.68	4188992.93	3.37852
654013.14	4189008.89	3.33713	653972.61	4189024.84	3.30885
653932.08	4189040.80	3.28753	653891.55	4189056.75	3.26154
653851.02	4189072.71	3.22223	654909.31	4188044.21	6.94571
654912.46	4187999.79	7.03597	654915.61	4187955.37	7.10666
655147.64	4188103.92	5.00748	655128.69	4188143.58	4.99343
655109.74	4188183.24	4.93970	655090.79	4188222.90	4.85151
655071.84	4188262.56	4.73860	655052.88	4188302.22	4.60869
655033.93	4188341.88	4.46927	655014.98	4188381.54	4.33083
654996.03	4188421.19	4.20169	654977.08	4188460.85	4.08082

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         654958.13    4188500.51        3.95798                      654939.18
4188540.17        3.82082
         654920.23    4188579.83        3.66454                      654901.28
4188619.49        3.49524
         654882.33    4188659.15        3.32743                      654863.38
4188698.81        3.17233
         654844.43    4188738.47        3.03541                      654825.48
4188778.12        2.91758
         654806.53    4188817.78        2.81799                      654787.58
4188857.44        2.73495
         654768.63    4188897.10        2.66206                      654749.68
4188936.76        2.58574
         654710.28    4188984.47        2.48689                      654669.38
4189000.57        2.46497
         654628.48    4189016.67        2.44835                      654587.58
4189032.77        2.45355
         654546.68    4189048.87        2.47862                      654505.78
4189064.97        2.50607
         654464.88    4189081.07        2.51962                      654423.98
4189097.17        2.51717
         654383.08    4189113.27        2.50909                      654342.18
4189129.37        2.50677
         654301.28    4189145.46        2.51173                      654260.38
4189161.56        2.51480
         654219.48    4189177.66        2.50498                      654178.58
4189193.76        2.47961
         654137.68    4189209.86        2.44689                      654096.79
4189225.96        2.41716
         654055.89    4189242.06        2.39553                      654014.99
4189258.16        2.38176
         653974.09    4189274.26        2.37166                      653933.19
4189290.36        2.35871
         653892.29    4189306.46        2.33794                      653851.39
4189322.56        2.30876
         655158.69    4188061.88        5.03556                      655161.83
4188017.46        5.08757
         655164.98    4187973.04        5.12891                      655396.95
4188121.72        3.83310
         655377.88    4188161.63        3.82979                      655358.81
4188201.54        3.80243
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 418
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
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INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655339.74	4188241.45	3.75266	655320.67	4188281.35	3.68581
655301.60	4188321.26	3.60710	655282.53	4188361.17	3.51964
655263.46	4188401.08	3.42661	655244.39	4188440.99	3.33355
655225.32	4188480.90	3.24594	655206.25	4188520.80	3.16566
655187.19	4188560.71	3.08924	655168.12	4188600.62	3.01058
655149.05	4188640.53	2.92098	655129.98	4188680.44	2.81979
655110.91	4188720.35	2.70955	655091.84	4188760.25	2.59764
655072.77	4188800.16	2.49087	655053.70	4188840.07	2.39344
655034.63	4188879.98	2.30698	655015.56	4188919.89	2.23142
654996.49	4188959.80	2.16644	654977.42	4188999.70	2.11181
654958.35	4189039.61	2.06542	654939.28	4189079.52	2.02115
654920.21	4189119.43	1.96993	654880.56	4189167.44	1.89964
654839.40	4189183.64	1.88105	654798.25	4189199.84	1.86495
654757.09	4189216.04	1.86247	654715.93	4189232.24	1.87598
654674.78	4189248.44	1.89782	654633.62	4189264.64	1.91632
654592.46	4189280.84	1.92380	654551.31	4189297.04	1.92058
654510.15	4189313.25	1.91328	654468.99	4189329.45	1.90946
654427.84	4189345.65	1.91200	654386.68	4189361.85	1.91768

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         654345.53    4189378.05        1.91965                    654304.37
4189394.25        1.91215
         654263.21    4189410.45        1.89451                    654222.06
4189426.65        1.87157
         654180.90    4189442.85        1.84954                    654139.74
4189459.05        1.83213
         654098.59    4189475.25        1.82032                    654057.43
4189491.45        1.81330
         654016.27    4189507.66        1.80834                    653975.12
4189523.86        1.80147
         653933.96    4189540.06        1.78969                    653892.80
4189556.26        1.77228
         653851.65    4189572.46        1.75042                    655408.06
4188079.56        3.84798
         655411.21    4188035.14        3.88022                    655414.36
4187990.72        3.90616
         655646.28    4188139.49        3.04621                    655627.13
4188179.58        3.04726
         655607.97    4188219.67        3.03294                    655588.81
4188259.76        3.00338
         655569.65    4188299.86        2.96132                    655550.49
4188339.95        2.91066
         655531.34    4188380.04        2.85393                    655512.18
4188420.13        2.79220
         655493.02    4188460.22        2.72692                    655473.86
4188500.32        2.66106
         655454.71    4188540.41        2.59825                    655435.55
4188580.50        2.54072
         655416.39    4188620.59        2.48771                    655397.23
4188660.69        2.43615
         655378.08    4188700.78        2.38171                    655358.92
4188740.87        2.32061
         655339.76    4188780.96        2.25128                    655320.60
4188821.06        2.17544
         655301.44    4188861.15        2.09717                    655282.29
4188901.24        2.02080
         655263.13    4188941.33        1.94933                    655243.97
4188981.42        1.88396
         655224.81    4189021.52        1.82512                    655205.66
4189061.61        1.77322
         655186.50    4189101.70        1.72808                    655167.34
4189141.79        1.68974
         655148.18    4189181.89        1.65764                    655129.03
4189221.98        1.62913
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                PAGE 419
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655109.87	4189262.07	1.59900	655090.71	4189302.16	1.56164
655050.88	4189350.39	1.50882	655009.53	4189366.67	1.49316
654968.19	4189382.94	1.47858	654926.84	4189399.22	1.47266
654885.49	4189415.50	1.47861	654844.15	4189431.77	1.49365
654802.80	4189448.05	1.51087	654761.46	4189464.32	1.52331
654720.11	4189480.60	1.52738	654678.76	4189496.87	1.52410
654637.42	4189513.15	1.51773	654596.07	4189529.42	1.51338
654554.72	4189545.70	1.51384	654513.38	4189561.98	1.51828
654472.03	4189578.25	1.52316	654430.68	4189594.53	1.52410
654389.34	4189610.80	1.51808	654347.99	4189627.08	1.50511
654306.65	4189643.35	1.48831	654265.30	4189659.63	1.47158
654223.95	4189675.90	1.45752	654182.61	4189692.18	1.44705
654141.26	4189708.46	1.44033	654099.91	4189724.73	1.43672
654058.57	4189741.01	1.43433	654017.22	4189757.28	1.43060
653975.88	4189773.56	1.42357	653934.53	4189789.83	1.41271
653893.18	4189806.11	1.39843	653851.84	4189822.38	1.38191

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         655657.44    4188097.23        3.05454                    655660.58
4188052.81        3.07589
         655663.73    4188008.39        3.09306                    656145.10
4188174.70        2.08214
         656126.06    4188214.53        2.08580                    656107.03
4188254.36        2.08250
         656088.00    4188294.18        2.07170                    656068.97
4188334.01        2.05386
         656049.94    4188373.84        2.03050                    656030.91
4188413.67        2.00328
         656011.87    4188453.50        1.97363                    655992.84
4188493.33        1.94189
         655973.81    4188533.16        1.90791                    655954.78
4188572.98        1.87196
         655935.75    4188612.81        1.83520                    655916.72
4188652.64        1.79911
         655897.68    4188692.47        1.76512                    655878.65
4188732.30        1.73394
         655859.62    4188772.13        1.70545                    655840.59
4188811.95        1.67867
         655821.56    4188851.78        1.65200                    655802.53
4188891.61        1.62359
         655783.50    4188931.44        1.59188                    655764.46
4188971.27        1.55626
         655745.43    4189011.10        1.51701                    655726.40
4189050.92        1.47613
         655707.37    4189090.75        1.43389                    655688.34
4189130.58        1.39255
         655669.31    4189170.41        1.35313                    655650.27
4189210.24        1.31626
         655631.24    4189250.07        1.28229                    655612.21
4189289.89        1.25130
         655593.18    4189329.72        1.22313                    655574.15
4189369.55        1.19775
         655555.12    4189409.38        1.17532                    655536.09
4189449.21        1.15608
         655517.05    4189489.04        1.13999                    655498.02
4189528.86        1.12625
         655478.99    4189568.69        1.11294                    655459.96
4189608.52        1.09742
         655440.93    4189648.35        1.07736                    655421.90
4189688.18        1.05175
         655391.84    4189716.18        1.03259                    655350.77
4189732.34        1.02147
         655309.70    4189748.51        1.01034                    655268.62
4189764.68        1.00274
         655227.55    4189780.85        1.00112                    655186.47
4189797.02        1.00592
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
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                            *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   STCK1   , STCK2   , VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

653995.32 4190265.90 0.96759 653954.25
4190282.07 0.96023
653913.18 4190298.24 0.95148 653872.10
4190314.41 0.94184
656156.18 4188132.58 2.08482 656159.33
4188088.16 2.09522
656162.48 4188043.74 2.10364 656643.78
4188210.17 1.52981
656624.63 4188250.25 1.53351 656605.48
4188290.33 1.53352
656586.33 4188330.41 1.52936 656567.18
4188370.49 1.52097
656548.02 4188410.58 1.50864 656528.87
4188450.66 1.49338
656509.72 4188490.74 1.47637 656490.57
4188530.82 1.45831
656471.41 4188570.90 1.43943 656452.26
4188610.98 1.41953
656433.11 4188651.06 1.39839 656413.96
4188691.14 1.37608
656394.81 4188731.22 1.35311 656375.65
4188771.30 1.33025
656356.50 4188811.38 1.30830 656337.35
4188851.46 1.28781
656318.20 4188891.55 1.26905 656299.04
4188931.63 1.25192
656279.89 4188971.71 1.23602 656260.74
4189011.79 1.22061
656241.59 4189051.87 1.20482 656222.44
4189091.95 1.18764
656203.28 4189132.03 1.16873 656184.13
4189172.11 1.14753
656164.98 4189212.19 1.12412 656145.83
4189252.27 1.09905
656126.68 4189292.35 1.07321 656107.52
4189332.43 1.04743
656088.37 4189372.51 1.02233 656069.22
4189412.60 0.99824
656050.07 4189452.68 0.97543 656030.91
4189492.76 0.95408
656011.76 4189532.84 0.93429 655992.61
4189572.92 0.91600
655973.46 4189613.00 0.89911 655954.31
4189653.08 0.88364
655935.15 4189693.16 0.86970 655916.00
4189733.24 0.85748
655896.85 4189773.32 0.84713 655877.70
4189813.40 0.83857
655858.54 4189853.48 0.83133 655839.39
4189893.57 0.82433

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655781.94	4190013.81	0.79163	655762.78	4190053.89	0.77426
655732.54	4190082.06	0.76102	655691.21	4190098.34	0.75278
655649.87	4190114.61	0.74432	655608.54	4190130.88	0.73752
655567.20	4190147.15	0.73393	655525.87	4190163.42	0.73426
655484.53	4190179.69	0.73832	655443.20	4190195.96	0.74510
655401.87	4190212.23	0.75304	655360.53	4190228.50	0.76047
655319.20	4190244.77	0.76599	655277.86	4190261.04	0.76882
655236.53	4190277.31	0.76885	655195.19	4190293.59	0.76655
655153.86	4190309.86	0.76290	655112.52	4190326.13	0.75912
655071.19	4190342.40	0.75644	655029.86	4190358.67	0.75561
654988.52	4190374.94	0.75675	654947.19	4190391.21	0.75936
654905.85	4190407.48	0.76259	654864.52	4190423.75	0.76549

654823.18 4190440.02 0.76725 654781.85
4190456.29 0.76714
654740.51 4190472.57 0.76482 654699.18
4190488.84 0.76038
654657.85 4190505.11 0.75440 654616.51
4190521.38 0.74783
654575.18 4190537.65 0.74147 654533.84
4190553.92 0.73579
654492.51 4190570.19 0.73090 654451.17
4190586.46 0.72683
654409.84 4190602.73 0.72363 654368.50
4190619.00 0.72147
654327.17 4190635.27 0.72041 654285.84
4190651.54 0.72029
654244.50 4190667.82 0.72063 654203.17
4190684.09 0.72077
654161.83 4190700.36 0.72011 654120.50
4190716.63 0.71835
654079.16 4190732.90 0.71548 654037.83
4190749.17 0.71167
653996.49 4190765.44 0.70701 653955.16
4190781.71 0.70156
653913.83 4190797.98 0.69547 653872.49
4190814.25 0.68916
656654.93 4188167.92 1.53043 656658.08
4188123.50 1.53613
656661.23 4188079.08 1.54073 657142.58
4188245.43 1.18105
657123.51 4188285.32 1.18422 657104.45
4188325.22 1.18530
657085.38 4188365.12 1.18398 657066.32
4188405.01 1.18010
657047.25 4188444.91 1.17373 657028.19
4188484.81 1.16515
657009.13 4188524.71 1.15490 656990.06
4188564.60 1.14361
656971.00 4188604.50 1.13175 656951.93
4188644.40 1.11959
656932.87 4188684.29 1.10705 656913.80
4188724.19 1.09391
656894.74 4188764.09 1.07996 656875.68
4188803.98 1.06520
656856.61 4188843.88 1.04991 656837.55
4188883.78 1.03448
656818.48 4188923.68 1.01938 656799.42
4188963.57 1.00496
656780.35 4189003.47 0.99148 656761.29
4189043.37 0.97909
656742.22 4189083.26 0.96778 656723.16
4189123.16 0.95735

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656589.71	4189402.44	0.87721	656570.65	4189442.34	0.86128
656551.58	4189482.24	0.84458	656532.52	4189522.13	0.82757
656513.45	4189562.03	0.81070	656494.39	4189601.93	0.79422
656475.32	4189641.82	0.77829	656456.26	4189681.72	0.76300
656437.19	4189721.62	0.74845	656418.13	4189761.52	0.73477
656399.07	4189801.41	0.72199	656380.00	4189841.31	0.71004
656360.94	4189881.21	0.69885	656341.87	4189921.10	0.68842
656322.81	4189961.00	0.67879	656303.74	4190000.90	0.67010
656284.68	4190040.79	0.66248	656265.62	4190080.69	0.65607
656246.55	4190120.59	0.65085	656227.49	4190160.49	0.64657

656208.42 4190200.38 0.64267 656189.36 4190240.28 0.63851
656170.29 4190280.18 0.63327 656151.23 4190320.07 0.62628
656132.16 4190359.97 0.61709 656113.10 4190399.87 0.60567
656073.46 4190447.86 0.58964 656032.32 4190464.06 0.58341
655991.17 4190480.26 0.57693 655950.03 4190496.45 0.57126
655908.88 4190512.65 0.56731 655867.74 4190528.85 0.56569
655826.59 4190545.04 0.56659 655785.45 4190561.24 0.56977
655744.30 4190577.43 0.57464 655703.16 4190593.63 0.58034
655662.01 4190609.83 0.58597 655620.87 4190626.02 0.59070
655579.72 4190642.22 0.59394 655538.58 4190658.42 0.59539
655497.43 4190674.61 0.59509 655456.29 4190690.81 0.59332
655415.14 4190707.00 0.59059 655374.00 4190723.20 0.58754
655332.85 4190739.40 0.58488 655291.71 4190755.59 0.58323
655250.56 4190771.79 0.58293 655209.42 4190787.99 0.58394
655168.27 4190804.18 0.58593 655127.13 4190820.38 0.58841
655085.98 4190836.57 0.59086 655044.84 4190852.77 0.59281
655003.69 4190868.97 0.59389 654962.55 4190885.16 0.59376
654921.40 4190901.36 0.59225 654880.26 4190917.56 0.58941
654839.11 4190933.75 0.58555 654797.97 4190949.95 0.58115
654756.82 4190966.15 0.57669 654715.68 4190982.34 0.57254
654674.53 4190998.54 0.56884 654633.39 4191014.73 0.56561
654592.24 4191030.93 0.56277 654551.10 4191047.13 0.56035
654509.95 4191063.32 0.55846 654468.81 4191079.52 0.55723
654427.66 4191095.72 0.55673 654386.52 4191111.91 0.55686
654345.37 4191128.11 0.55737 654304.23 4191144.30 0.55788

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         654263.08    4191160.50        0.55799                       654221.94
4191176.70        0.55746
         654180.79    4191192.89        0.55621                       654139.65
4191209.09        0.55431
         654098.50    4191225.29        0.55189                       654057.36
4191241.48        0.54901
         654016.21    4191257.68        0.54565                       653975.07
4191273.87        0.54179
         653933.92    4191290.07        0.53756                       653892.78
4191306.27        0.53322
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 423
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                  VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         653851.63    4191322.46        0.52917                       657153.68
4188203.27        1.18097
         657156.83    4188158.85        1.18431                       657159.98
4188114.43        1.18697
         657641.28    4188280.86        0.94477                       657622.13
4188320.94        0.94745
         657602.98    4188361.01        0.94893                       657583.83
4188401.09        0.94867
         657564.69    4188441.16        0.94694                       657545.54
4188481.24        0.94352
         657526.39    4188521.31        0.93848                       657507.24
4188561.39        0.93202
         657488.09    4188601.46        0.92453                       657468.94
4188641.54        0.91639
         657449.79    4188681.61        0.90794                       657430.64
4188721.69        0.89937
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657411.49 4188761.76 0.89070 657392.34
4188801.84 0.88182
657373.19 4188841.91 0.87253 657354.04
4188881.99 0.86271
657334.89 4188922.06 0.85232 657315.74
4188962.14 0.84152
657296.59 4189002.22 0.83055 657277.44
4189042.29 0.81967
657258.29 4189082.37 0.80915 657239.14
4189122.44 0.79914
657219.99 4189162.52 0.78979 657200.84
4189202.59 0.78118
657181.69 4189242.67 0.77330 657162.55
4189282.74 0.76607
657143.40 4189322.82 0.75932 657124.25
4189362.89 0.75280
657105.10 4189402.97 0.74623 657085.95
4189443.04 0.73935
657066.80 4189483.12 0.73189 657047.65
4189523.19 0.72365
657028.50 4189563.27 0.71450 657009.35
4189603.34 0.70441
656990.20 4189643.42 0.69349 656971.05
4189683.49 0.68197
656951.90 4189723.57 0.67014 656932.75
4189763.65 0.65829
656913.60 4189803.72 0.64660 656894.45
4189843.80 0.63521
656875.30 4189883.87 0.62416 656856.15
4189923.95 0.61347
656837.00 4189964.02 0.60320 656817.85
4190004.10 0.59344
656798.70 4190044.17 0.58425 656779.55
4190084.25 0.57560
656760.41 4190124.32 0.56744 656741.26
4190164.40 0.55972
656722.11 4190204.47 0.55245 656702.96
4190244.55 0.54566
656683.81 4190284.62 0.53945 656664.66
4190324.70 0.53388
656645.51 4190364.77 0.52904 656626.36
4190404.85 0.52499
656607.21 4190444.92 0.52172 656588.06
4190485.00 0.51907
656568.91 4190525.08 0.51674 656549.76
4190565.15 0.51427
656530.61 4190605.23 0.51116 656511.46
4190645.30 0.50695
656492.31 4190685.38 0.50132 656473.16
4190725.45 0.49413

```
         656454.01    4190765.53        0.48544                       656414.20
4190813.74        0.47335
         656372.87    4190830.01        0.46848                       656331.54
4190846.27        0.46338
         656290.21    4190862.54        0.45869                       656248.88
4190878.81        0.45501
         656207.56    4190895.08        0.45280                       656166.23
4190911.35        0.45229
         656124.90    4190927.62        0.45347                       656083.57
4190943.89        0.45613
         656042.24    4190960.15        0.45986                       656000.91
4190976.42        0.46418
         655959.58    4190992.69        0.46855                       655918.25
4191008.96        0.47242
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 424
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                 **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         655876.93    4191025.23        0.47542                       655835.60
4191041.50        0.47727
         655794.27    4191057.77        0.47790                       655752.94
4191074.03        0.47737
         655711.61    4191090.30        0.47588                       655670.28
4191106.57        0.47372
         655628.95    4191122.84        0.47128                       655587.62
4191139.11        0.46899
         655546.30    4191155.38        0.46731                       655504.97
4191171.65        0.46648
         655463.64    4191187.91        0.46660                       655422.31
4191204.18        0.46763
```

655380.98 4191220.45 0.46935 655339.65
4191236.72 0.47133
655298.32 4191252.99 0.47332 655257.00
4191269.26 0.47504
655215.67 4191285.53 0.47625 655174.34
4191301.80 0.47676
655133.01 4191318.06 0.47643 655091.68
4191334.33 0.47517
655050.35 4191350.60 0.47303 655009.02
4191366.87 0.47023
654967.69 4191383.14 0.46706 654926.37
4191399.41 0.46390
654885.04 4191415.68 0.46094 654843.71
4191431.94 0.45818
654802.38 4191448.21 0.45574 654761.05
4191464.48 0.45354
654719.72 4191480.75 0.45154 654678.39
4191497.02 0.44974
654637.06 4191513.29 0.44823 654595.74
4191529.56 0.44713
654554.41 4191545.82 0.44651 654513.08
4191562.09 0.44640
654471.75 4191578.36 0.44672 654430.42
4191594.63 0.44727
654389.09 4191610.90 0.44780 654347.76
4191627.17 0.44807
654306.43 4191643.44 0.44789 654265.11
4191659.71 0.44722
654223.78 4191675.97 0.44609 654182.45
4191692.24 0.44460
654141.12 4191708.51 0.44283 654099.79
4191724.78 0.44079
654058.46 4191741.05 0.43845 654017.13
4191757.32 0.43576
653975.80 4191773.59 0.43275 653934.48
4191789.85 0.42957
653893.15 4191806.12 0.42646 653851.82
4191822.39 0.42368
657652.43 4188238.61 0.94436 657655.58
4188194.19 0.94642
657658.73 4188149.77 0.94805 653819.03
4187852.62 243.04942
653794.25 4187851.96 259.82060 653769.47
4187851.29 261.35908
653744.69 4187850.63 244.76362 653719.92
4187849.97 224.99954
653695.14 4187849.31 204.21365 653837.55
4187835.82 188.70142
653794.92 4187826.97 189.20765 653770.14
4187826.30 185.96184

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653843.79	4187737.50	81.09919	653865.21	4187747.33	83.92803
653886.63	4187757.17	86.26526	653908.05	4187767.00	88.30972
653937.17	4187799.11	98.15689	653944.87	4187821.39	105.94647
653952.58	4187843.66	110.87911	653960.28	4187865.94	112.51881

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         653822.37    4187727.66       76.59640                      653797.59
4187727.00       75.10109
         653772.81    4187726.34       71.93461                      653748.03
4187725.68       68.25255
         653723.25    4187725.02       65.95585                      653698.48
4187724.35       65.07044
         653844.10    4187687.05       58.74017                      653884.90
4187705.78       62.73478
         653905.30    4187715.15       64.02304                      653946.10
4187733.88       66.57265
         653973.84    4187764.46       72.41065                      653988.51
4187806.89       81.27553
         654003.19    4187849.32       84.13861                      653798.92
4187677.02       53.99181
         653774.15    4187676.36       51.79102                      653749.37
4187675.70       49.48933
         653724.59    4187675.03       48.10494                      653699.81
4187674.37       47.65324
         653847.35    4187637.94       44.66104                      653869.66
4187648.19       46.93784
         653891.97    4187658.43       48.40010                      653914.29
4187668.68       49.26628
         653936.60    4187678.92       50.18874                      653958.91
4187689.17       51.30894
         653981.23    4187699.41       52.11841                      654011.56
4187732.86       56.39313
         654019.59    4187756.06       60.14430                      654027.61
4187779.26       63.09233
         654035.64    4187802.47       64.91548                      654043.66
4187825.67       65.59253
         654051.69    4187848.88       65.31429                      654059.71
4187872.08       64.27836
         653825.04    4187627.70       41.89204                      653800.26
4187627.04       40.74358
         653775.48    4187626.38       39.18610                      653750.70
4187625.71       37.67512
         653725.92    4187625.05       36.79541                      653701.15
4187624.39       36.57327
         653847.79    4187587.55       34.84974                      653869.21
4187597.39       36.67057
         653890.63    4187607.22       38.13092                      653912.05
4187617.06       39.05105
         653933.47    4187626.89       39.57377                      653954.89
4187636.72       40.10255
         653976.31    4187646.56       40.85081                      653997.73
4187656.39       41.62018
         654019.15    4187666.23       42.09035                      654048.28
4187698.34       44.95431
         654055.98    4187720.61       47.59495                      654063.68
4187742.89       49.84140
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654071.39 4187765.16 51.49538 654079.09
4187787.44 52.46266
654086.80 4187809.72 52.78197 654094.50
4187831.99 52.56519
654102.20 4187854.27 51.91875 654109.91
4187876.54 50.89839
653826.37 4187577.72 32.86173 653801.59
4187577.06 31.94870
653776.82 4187576.39 30.81026 653752.04
4187575.73 29.76364
653727.26 4187575.07 29.16192 653702.48
4187574.41 29.03953
653848.53 4187537.30 27.98946 653869.36
4187546.86 29.38348
653890.18 4187556.42 30.65028 653911.01
4187565.98 31.64777
653931.83 4187575.54 32.26974 653952.66
4187585.10 32.60180
653973.48 4187594.66 32.90781 653994.31
4187604.23 33.38255
654015.13 4187613.79 33.98081 654035.96
4187623.35 34.50627

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654056.78	4187632.91	34.78576	654085.10	4187664.13	36.80838
654092.59	4187685.79	38.73847	654100.08	4187707.44	40.45390

654107.57 4187729.10 41.84476 654115.06
4187750.76 42.82111
654122.55 4187772.41 43.36202 654130.04
4187794.07 43.51319
654137.53 4187815.73 43.33527 654145.02
4187837.38 42.89363
654152.51 4187859.04 42.23518 654159.99
4187880.70 41.33982
653827.71 4187527.73 26.52654 653802.93
4187527.07 25.79742
653778.15 4187526.41 24.94412 653753.37
4187525.75 24.18879
653728.60 4187525.09 23.75809 653703.82
4187524.42 23.68687
653851.80 4187437.61 19.37158 653873.22
4187447.44 20.25312
653894.64 4187457.27 21.11115 653916.06
4187467.11 21.92172
653937.48 4187476.94 22.61048 653958.90
4187486.78 23.09670
653980.32 4187496.61 23.35520 654001.74
4187506.45 23.47321
654023.16 4187516.28 23.60893 654044.58
4187526.12 23.87367
654066.00 4187535.95 24.24898 654087.42
4187545.79 24.63483
654108.84 4187555.62 24.92303 654130.26
4187565.45 25.04959
654159.38 4187597.57 26.25415 654167.09
4187619.84 27.44643
654174.79 4187642.12 28.54789 654182.49
4187664.39 29.50695
654190.20 4187686.67 30.27525 654197.90
4187708.94 30.81858
654205.61 4187731.22 31.13392 654213.31
4187753.49 31.24397
654221.01 4187775.77 31.17494 654228.72
4187798.04 30.95872
654236.42 4187820.32 30.63487 654244.12
4187842.59 30.21458
654251.83 4187864.87 29.67024 654259.53
4187887.15 28.96478
653830.38 4187427.77 18.44958 653805.60
4187427.11 17.96554
653780.82 4187426.45 17.45025 653756.04
4187425.78 17.01658
653731.27 4187425.12 16.76940 653706.49
4187424.46 16.73690
653854.87 4187337.82 14.29039 653876.68
4187347.84 14.88517

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         653898.50    4187357.86       15.45720                      653920.32
4187367.87       16.02175
         653942.13    4187377.89       16.57128                      653963.95
4187387.91       17.06405
         653985.77    4187397.92       17.44769                      654007.58
4187407.94       17.68315
         654029.40    4187417.96       17.78218                      654051.22
4187427.97       17.81386
         654073.03    4187437.99       17.87612                      654094.85
4187448.01       18.03153
         654116.67    4187458.02       18.27469                      654138.48
4187468.04       18.55127
         654160.30    4187478.06       18.79536                      654182.12
4187488.07       18.95717
         654203.93    4187498.09       19.01458                      654233.60
4187530.80       19.78773
         654241.44    4187553.48       20.57682                      654249.29
4187576.17       21.32164
         654257.14    4187598.86       21.99804                      654264.98
4187621.55       22.58216
         654272.83    4187644.23       23.04873                      654280.68
4187666.92       23.38349
         654288.52    4187689.61       23.58826                      654296.37
4187712.30       23.67293
         654304.21    4187734.99       23.65019                      654312.06
4187757.67       23.53577
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 427
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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654319.91 4187780.36 23.35498 654327.75 4187803.05 23.12688
654335.60 4187825.74 22.84887 654343.45 4187848.43 22.49939
654351.29 4187871.11 22.05279 654359.14 4187893.80 21.50209
653833.05 4187327.81 13.66475 653808.27 4187327.14 13.32944
653783.49 4187326.48 12.99602 653758.72 4187325.82 12.72357
653733.94 4187325.16 12.56376 653709.16 4187324.50 12.54083
653857.82 4187237.99 11.03117 653879.92 4187248.14 11.45976
653902.02 4187258.28 11.86335 653924.12 4187268.43 12.25524
653946.22 4187278.58 12.64791 653968.32 4187288.72 13.03649
653990.42 4187298.87 13.39961 654012.52 4187309.02 13.70352
654034.62 4187319.16 13.91566 654056.72 4187329.31 14.02413
654078.82 4187339.46 14.05012 654100.92 4187349.60 14.04589
654123.02 4187359.75 14.07264 654145.12 4187369.90 14.16839
654167.22 4187380.04 14.33169 654189.32 4187390.19 14.53111
654211.42 4187400.34 14.72555 654233.52 4187410.48 14.88036
654255.62 4187420.63 14.97351 654277.72 4187430.78 14.99716
654307.77 4187463.91 15.52305 654315.72 4187486.89 16.07292
654323.67 4187509.87 16.59935 654331.62 4187532.86 17.08983
654339.56 4187555.84 17.53176 654347.51 4187578.82 17.91177
654355.46 4187601.80 18.21652 654363.41 4187624.79 18.43896
654371.36 4187647.77 18.58087 654379.30 4187670.75 18.64866
654387.25 4187693.73 18.64634 654395.20 4187716.72 18.58318
654403.15 4187739.70 18.47410 654411.10 4187762.68 18.33477
654419.04 4187785.66 18.17307 654426.99 4187808.65 17.98266
654434.94 4187831.63 17.74722 654442.89 4187854.61 17.44890

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         654450.84    4187877.59       17.08111                       654458.79
4187900.58       16.65532
         653835.72    4187227.84       10.58323                       653810.94
4187227.18       10.34402
         653786.16    4187226.52       10.11657                       653761.39
4187225.86        9.93257
         653736.61    4187225.19        9.82111                       653711.83
4187224.53        9.80026
         653860.70    4187138.12        8.80648                       653883.02
4187148.37        9.12977
         653905.33    4187158.61        9.43292                       653927.64
4187168.86        9.71921
         653949.95    4187179.10       10.00004                       653972.27
4187189.34       10.28407
         653994.58    4187199.59       10.56977                       654016.89
4187209.83       10.84319
         654039.20    4187220.08       11.08476                       654061.52
4187230.32       11.27038
         654083.83    4187240.57       11.38449                       654106.14
4187250.81       11.42697
         654128.45    4187261.05       11.42013                       654150.77
4187271.30       11.40177
         654173.08    4187281.54       11.41072                       654195.39
4187291.79       11.47166
         654217.71    4187302.03       11.58452                       654240.02
4187312.28       11.73053
         654262.33    4187322.52       11.88260                       654284.64
4187332.77       12.01767
         654306.96    4187343.01       12.11730                       654329.27
4187353.25       12.17111
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 428
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654351.58	4187363.50	12.17808	654381.92	4187396.95	12.55230
654389.94	4187420.15	12.95152	654397.97	4187443.35	13.33740
654405.99	4187466.56	13.70286	654414.02	4187489.76	14.04040
654422.04	4187512.96	14.34408	654430.07	4187536.17	14.60522
654438.09	4187559.37	14.81553	654446.11	4187582.57	14.97166
654454.14	4187605.78	15.07559	654462.16	4187628.98	15.13054
654470.19	4187652.19	15.13789	654478.21	4187675.39	15.10241
654486.24	4187698.59	15.03297	654494.26	4187721.80	14.94170
654502.29	4187745.00	14.83628	654510.31	4187768.20	14.71931
654518.34	4187791.41	14.58419	654526.36	4187814.61	14.41936
654534.39	4187837.81	14.21177	654542.41	4187861.02	13.95601
654550.43	4187884.22	13.65658	654558.46	4187907.43	13.32761
653838.39	4187127.88	8.47474	653813.61	4187127.22	8.29927
653788.83	4187126.55	8.13713	653764.06	4187125.89	8.00612
653739.28	4187125.23	7.92434	653714.50	4187124.57	7.90460
653863.54	4187038.23	7.21522	653886.02	4187048.55	7.46579
653908.50	4187058.87	7.70356	653930.97	4187069.19	7.92495
653953.45	4187079.51	8.13520	653975.93	4187089.83	8.34399
653998.41	4187100.16	8.55718	654020.88	4187110.48	8.77332
654043.36	4187120.80	8.98445	654065.84	4187131.12	9.17743
654088.32	4187141.44	9.33691	654110.80	4187151.76	9.44847
654133.27	4187162.08	9.50535	654155.75	4187172.40	9.51368
654178.23	4187182.72	9.49273	654200.71	4187193.04	9.46932

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         654223.19    4187203.36        9.46929                      654245.66
4187213.68        9.50878
         654268.14    4187224.00        9.58877                      654290.62
4187234.32        9.69723
         654313.10    4187244.64        9.81629                      654335.58
4187254.96        9.92934
         654358.05    4187265.28       10.02330                      654380.53
4187275.60       10.08833
         654403.01    4187285.92       10.11936                      654425.49
4187296.24       10.11777
         654456.05    4187329.94       10.39387                      654464.13
4187353.31       10.69330
         654472.22    4187376.69       10.98499                      654480.30
4187400.06       11.26392
         654488.38    4187423.44       11.52622                      654496.47
4187446.81       11.76817
         654504.55    4187470.19       11.98602                      654512.64
4187493.56       12.17301
         654520.72    4187516.94       12.32456                      654528.81
4187540.32       12.43887
         654536.89    4187563.69       12.51804                      654544.97
4187587.07       12.56352
         654553.06    4187610.44       12.57514                      654561.14
4187633.82       12.55549
         654569.23    4187657.19       12.50979                      654577.31
4187680.57       12.44681
         654585.39    4187703.94       12.37347                      654593.48
4187727.32       12.29364
         654601.56    4187750.69       12.20726                      654609.65
4187774.07       12.10862
         654617.73    4187797.45       11.98931                      654625.81
4187820.82       11.84019
         654633.90    4187844.20       11.65601                      654641.98
4187867.57       11.43877
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 429
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
654650.07	4187890.95	11.19623	654658.15	4187914.32	10.94088
653841.06	4187027.91	6.96329	653816.28	4187027.25	6.83149
653791.51	4187026.59	6.71211	653766.73	4187025.93	6.61525
653741.95	4187025.27	6.55248	653717.17	4187024.60	6.53370
653870.18	4186788.31	4.76164	653892.62	4186798.61	4.90205
653915.06	4186808.91	5.04183	653937.50	4186819.21	5.17559
653959.94	4186829.52	5.29991	653982.38	4186839.82	5.41477
654004.82	4186850.12	5.52399	654027.26	4186860.43	5.63276
654049.70	4186870.73	5.74455	654072.14	4186881.03	5.86021
654094.58	4186891.33	5.97805	654117.02	4186901.64	6.09498
654139.46	4186911.94	6.20635	654161.90	4186922.24	6.30644
654184.34	4186932.55	6.38838	654206.78	4186942.85	6.44566
654229.22	4186953.15	6.47533	654251.66	4186963.45	6.47909
654274.10	4186973.76	6.46334	654296.54	4186984.06	6.43756
654318.98	4186994.36	6.41297	654341.42	4187004.67	6.40013
654363.86	4187014.97	6.40656	654386.30	4187025.27	6.43527
654408.74	4187035.58	6.48405	654431.18	4187045.88	6.54642
654453.62	4187056.18	6.61488	654476.06	4187066.48	6.68264
654498.50	4187076.79	6.74453	654520.94	4187087.09	6.79597
654543.38	4187097.39	6.83352	654565.82	4187107.70	6.85504
654588.26	4187118.00	6.86039	654610.70	4187128.30	6.85207

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         654641.21    4187161.94        6.99513                      654649.28
4187185.28        7.15563
         654657.35    4187208.61        7.31383                      654665.42
4187231.95        7.46788
         654673.49    4187255.29        7.61585                      654681.57
4187278.62        7.75672
         654689.64    4187301.96        7.89038                      654697.71
4187325.29        8.01567
         654705.78    4187348.63        8.13068                      654713.85
4187371.97        8.23240
         654721.92    4187395.30        8.31846                      654729.99
4187418.64        8.38842
         654738.06    4187441.97        8.44298                      654746.13
4187465.31        8.48297
         654754.20    4187488.65        8.50798                      654762.27
4187511.98        8.51710
         654770.34    4187535.32        8.51062                      654778.41
4187558.66        8.49067
         654786.48    4187581.99        8.46084                      654794.55
4187605.33        8.42494
         654802.62    4187628.66        8.38588                      654810.69
4187652.00        8.34493
         654818.76    4187675.34        8.30320                      654826.83
4187698.67        8.26039
         654834.90    4187722.01        8.21343                      654842.97
4187745.35        8.15841
         654851.04    4187768.68        8.09144                      654859.11
4187792.02        8.00892
         654867.19    4187815.35        7.90917                      654875.26
4187838.69        7.79299
         654883.33    4187862.03        7.66344                      654891.40
4187885.36        7.52534
         654899.47    4187908.70        7.38387                      654907.54
4187932.03        7.24340
         653847.74    4186778.00        4.62556                      653822.96
4186777.34        4.55472
         653798.18    4186776.68        4.49154                      653773.40
4186776.02        4.43915
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 430
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
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VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653748.63	4186775.35	4.40242	653723.85	4186774.69	4.38647
653876.83	4186538.38	3.41381	653899.25	4186548.68	3.49896
653921.66	4186558.97	3.58650	653944.08	4186569.26	3.67389
653966.50	4186579.55	3.75825	653988.91	4186589.84	3.83719
654011.33	4186600.14	3.90981	654033.75	4186610.43	3.97688
654056.16	4186620.72	4.04082	654078.58	4186631.01	4.10452
654101.00	4186641.30	4.17013	654123.41	4186651.60	4.23858
654145.83	4186661.89	4.30940	654168.25	4186672.18	4.38156
654190.66	4186682.47	4.45371	654213.08	4186692.76	4.52413
654235.49	4186703.06	4.59042	654257.91	4186713.35	4.64921
654280.33	4186723.64	4.69690	654302.74	4186733.93	4.73044
654325.16	4186744.22	4.74828	654347.58	4186754.52	4.75101
654369.99	4186764.81	4.74113	654392.41	4186775.10	4.72267
654414.83	4186785.39	4.70054	654437.24	4186795.68	4.67991
654459.66	4186805.98	4.66567	654482.07	4186816.27	4.66167
654504.49	4186826.56	4.67025	654526.91	4186836.85	4.69158
654549.32	4186847.14	4.72380	654571.74	4186857.44	4.76349
654594.16	4186867.73	4.80677	654616.57	4186878.02	4.85033
654638.99	4186888.31	4.89175	654661.41	4186898.60	4.92912

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         654683.82    4186908.90        4.96081                        654706.24
4186919.19        4.98493
         654728.66    4186929.48        5.00025                        654751.07
4186939.77        5.00649
         654773.49    4186950.06        5.00471                        654795.90
4186960.36        4.99665
         654826.38    4186993.96        5.08060                        654834.44
4187017.27        5.17726
         654842.51    4187040.58        5.27322                        654850.57
4187063.89        5.36767
         654858.63    4187087.21        5.45952                        654866.69
4187110.52        5.54803
         654874.75    4187133.83        5.63316                        654882.82
4187157.14        5.71491
         654890.88    4187180.45        5.79345                        654898.94
4187203.76        5.86809
         654907.00    4187227.08        5.93776                        654915.06
4187250.39        6.00049
         654923.13    4187273.70        6.05467                        654931.19
4187297.01        6.10055
         654939.25    4187320.32        6.13864                        654947.31
4187343.63        6.16955
         654955.37    4187366.94        6.19325                        654963.43
4187390.26        6.20902
         654971.50    4187413.57        6.21588                        654979.56
4187436.88        6.21379
         654987.62    4187460.19        6.20360                        654995.68
4187483.50        6.18716
         655003.74    4187506.81        6.16659                        655011.81
4187530.13        6.14370
         655019.87    4187553.44        6.11956                        655027.93
4187576.75        6.09468
         655035.99    4187600.06        6.07030                        655044.05
4187623.37        6.04665
         655052.12    4187646.68        6.02274                        655060.18
4187669.99        5.99754
         655068.24    4187693.31        5.96925                        655076.30
4187716.62        5.93535
         655084.36    4187739.93        5.89387                        655092.43
4187763.24        5.84343
         655100.49    4187786.55        5.78346                        655108.55
4187809.86        5.71417
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE 431
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655116.61	4187833.17	5.63679	655124.67	4187856.49	5.55355
655132.73	4187879.80	5.46699	655140.80	4187903.11	5.37957
655148.86	4187926.42	5.29341	655156.92	4187949.73	5.20974
653854.42	4186528.09	3.33279	653829.64	4186527.43	3.29068
653804.86	4186526.77	3.25292	653780.08	4186526.11	3.22098
653755.30	4186525.44	3.19697	653730.53	4186524.78	3.18382
653883.49	4186288.47	2.58896	653905.89	4186298.75	2.64388
653928.29	4186309.03	2.70117	653950.69	4186319.32	2.75995
653973.09	4186329.60	2.81879	653995.49	4186339.89	2.87612
654017.89	4186350.17	2.93032	654040.29	4186360.46	2.98044
654062.69	4186370.74	3.02628	654085.09	4186381.03	3.06875
654107.49	4186391.31	3.10933	654129.89	4186401.60	3.14984
654152.29	4186411.88	3.19156	654174.69	4186422.16	3.23522
654197.09	4186432.45	3.28080	654219.49	4186442.73	3.32775
654241.89	4186453.02	3.37553	654264.29	4186463.30	3.42348
654286.69	4186473.59	3.47098	654309.09	4186483.87	3.51690
654331.49	4186494.16	3.55971	654353.90	4186504.44	3.59730

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         654376.30    4186514.73        3.62767                    654398.70
4186525.01        3.64907
         654421.10    4186535.29        3.66076                    654443.50
4186545.58        3.66296
         654465.90    4186555.86        3.65683                    654488.30
4186566.15        3.64439
         654510.70    4186576.43        3.62798                    654533.10
4186586.72        3.61018
         654555.50    4186597.00        3.59353                    654577.90
4186607.29        3.58065
         654600.30    4186617.57        3.57368                    654622.70
4186627.86        3.57428
         654645.10    4186638.14        3.58303                    654667.50
4186648.42        3.59955
         654689.90    4186658.71        3.62250                    654712.30
4186668.99        3.64980
         654734.70    4186679.28        3.67944                    654757.10
4186689.56        3.70951
         654779.50    4186699.85        3.73873                    654801.90
4186710.13        3.76611
         654824.30    4186720.42        3.79091                    654846.70
4186730.70        3.81215
         654869.10    4186740.99        3.82899                    654891.50
4186751.27        3.84050
         654913.90    4186761.55        3.84638                    654936.30
4186771.84        3.84696
         654958.70    4186782.12        3.84321                    654981.10
4186792.41        3.83636
         655011.55    4186825.99        3.89004                    655019.61
4186849.28        3.95289
         655027.67    4186872.58        4.01564                    655035.72
4186895.87        4.07769
         655043.78    4186919.17        4.13845                    655051.83
4186942.46        4.19749
         655059.89    4186965.76        4.25464                    655067.95
4186989.05        4.30993
         655076.00    4187012.34        4.36363                    655084.06
4187035.64        4.41595
         655092.12    4187058.93        4.46665                    655100.17
4187082.23        4.51525
         655108.23    4187105.52        4.56069                    655116.28
4187128.82        4.60210
         655124.34    4187152.11        4.63874                    655132.40
4187175.41        4.67055
         655140.45    4187198.70        4.69798                    655148.51
4187222.00        4.72140
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655156.56	4187245.29	4.74098	655164.62	4187268.58	4.75642
655172.68	4187291.88	4.76702	655180.73	4187315.17	4.77206
655188.79	4187338.47	4.77140	655196.84	4187361.76	4.76560
655204.90	4187385.06	4.75543	655212.96	4187408.35	4.74224
655221.01	4187431.65	4.72741	655229.07	4187454.94	4.71175
655237.12	4187478.24	4.69592	655245.18	4187501.53	4.68021
655253.24	4187524.83	4.66497	655261.29	4187548.12	4.65053
655269.35	4187571.41	4.63674	655277.40	4187594.71	4.62304
655285.46	4187618.00	4.60856	655293.52	4187641.30	4.59235
655301.57	4187664.59	4.57329	655309.63	4187687.89	4.55021
655317.68	4187711.18	4.52227	655325.74	4187734.48	4.48869
655333.80	4187757.77	4.44915	655341.85	4187781.07	4.40387
655349.91	4187804.36	4.35342	655357.96	4187827.65	4.29896
655366.02	4187850.95	4.24172	655374.08	4187874.24	4.18323
655382.13	4187897.54	4.12481	655390.19	4187920.83	4.06737

655398.25 4187944.13 4.01165 655406.30
4187967.42 3.95799
653861.09 4186278.18 2.53684 653836.31
4186277.52 2.50959
653811.54 4186276.86 2.48493 653786.76
4186276.19 2.46353
653761.98 4186275.53 2.44672 653737.20
4186274.87 2.43611
653890.16 4186038.55 2.04375 653912.55
4186048.83 2.08125
653934.93 4186059.11 2.12051 653957.32
4186069.39 2.16127
653979.71 4186079.67 2.20298 654002.10
4186089.94 2.24483
654024.49 4186100.22 2.28588 654046.88
4186110.50 2.32511
654069.26 4186120.78 2.36172 654091.65
4186131.06 2.39531
654114.04 4186141.34 2.42603 654136.43
4186151.62 2.45455
654158.82 4186161.90 2.48191 654181.20
4186172.18 2.50923
654203.59 4186182.46 2.53741 654225.98
4186192.74 2.56695
654248.37 4186203.01 2.59791 654270.76
4186213.29 2.63007
654293.15 4186223.57 2.66304 654315.53
4186233.85 2.69646
654337.92 4186244.13 2.73008 654360.31
4186254.41 2.76363
654382.70 4186264.69 2.79668 654405.09
4186274.97 2.82843
654427.48 4186285.25 2.85774 654449.86
4186295.53 2.88329
654472.25 4186305.81 2.90380 654494.64
4186316.08 2.91828
654517.03 4186326.36 2.92625 654539.42
4186336.64 2.92788
654561.81 4186346.92 2.92407 654584.19
4186357.20 2.91592
654606.58 4186367.48 2.90452 654628.97
4186377.76 2.89108
654651.36 4186388.04 2.87704 654673.75
4186398.32 2.86387
654696.13 4186408.60 2.85298 654718.52
4186418.88 2.84565
654740.91 4186429.16 2.84294 654763.30
4186439.43 2.84553
654785.69 4186449.71 2.85353 654808.08
4186459.99 2.86645

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   STCK1   , STCK2 , VOL1   , VOL2   , VOL3   ,
                                    VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

655277.25 4186890.84 3.49884 655285.30
4186914.12 3.53473
655293.35 4186937.41 3.56981 655301.40
4186960.69 3.60350
655309.45 4186983.97 3.63517 655317.51
4187007.25 3.66416
655325.56 4187030.54 3.69014 655333.61
4187053.82 3.71296
655341.66 4187077.10 3.73313 655349.71
4187100.38 3.75092
655357.76 4187123.66 3.76665 655365.82
4187146.95 3.78019
655373.87 4187170.23 3.79118 655381.92
4187193.51 3.79897
655389.97 4187216.79 3.80313 655398.02
4187240.08 3.80337
655406.07 4187263.36 3.79988 655414.13
4187286.64 3.79322
655422.18 4187309.92 3.78429 655430.23
4187333.20 3.77393
655438.28 4187356.49 3.76289 655446.33
4187379.77 3.75164
655454.39 4187403.05 3.74040 655462.44
4187426.33 3.72945
655470.49 4187449.62 3.71886 655478.54
4187472.90 3.70872
655486.59 4187496.18 3.69917 655494.64
4187519.46 3.69011
655502.70 4187542.74 3.68134 655510.75
4187566.03 3.67234
655518.80 4187589.31 3.66246 655526.85
4187612.59 3.65101
655534.90 4187635.87 3.63731 655542.95
4187659.16 3.62076
655551.01 4187682.44 3.60086 655559.06
4187705.72 3.57727
655567.11 4187729.00 3.54978 655575.16
4187752.28 3.51850
655583.21 4187775.57 3.48376 655591.27
4187798.85 3.44606
655599.32 4187822.13 3.40623 655607.37
4187845.41 3.36509
655615.42 4187868.70 3.32346 655623.47
4187891.98 3.28210
655631.52 4187915.26 3.24158 655639.58
4187938.54 3.20228
655647.63 4187961.83 3.16448 655655.68
4187985.11 3.12814
653867.77 4186028.27 2.00814 653842.99
4186027.61 1.98943

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   STCK1   , STCK2
, VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS   IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

654395.68 4185764.70 1.80298 654418.05
4185774.97 1.82101
654440.43 4185785.24 1.83928 654462.80
4185795.51 1.85771
654485.17 4185805.78 1.87626 654507.54
4185816.06 1.89497
654529.91 4185826.33 1.91377 654552.29
4185836.60 1.93248
654574.66 4185846.87 1.95073 654597.03
4185857.14 1.96801
654619.40 4185867.41 1.98370 654641.78
4185877.69 1.99722
654664.15 4185887.96 2.00804 654686.52
4185898.23 2.01580
654708.89 4185908.50 2.02035 654731.26
4185918.77 2.02171
654753.64 4185929.04 2.02013 654776.01
4185939.32 2.01605
654798.38 4185949.59 2.00993 654820.75
4185959.86 2.00232
654843.12 4185970.13 1.99374 654865.50
4185980.40 1.98468
654887.87 4185990.67 1.97561 654910.24
4186000.95 1.96702
654932.61 4186011.22 1.95937 654954.98
4186021.49 1.95320
654977.36 4186031.76 1.94900 654999.73
4186042.03 1.94719
655022.10 4186052.30 1.94806 655044.47
4186062.58 1.95170
655066.85 4186072.85 1.95796 655089.22
4186083.12 1.96654
655111.59 4186093.39 1.97697 655133.96
4186103.66 1.98871
655156.33 4186113.94 2.00119 655178.71
4186124.21 2.01390
655201.08 4186134.48 2.02646 655223.45
4186144.75 2.03863
655245.82 4186155.02 2.05028 655268.19
4186165.29 2.06133
655290.57 4186175.57 2.07176 655312.94
4186185.84 2.08136
655335.31 4186196.11 2.08999 655357.68
4186206.38 2.09733
655380.06 4186216.65 2.10305 655402.43
4186226.92 2.10698
655424.80 4186237.20 2.10904 655447.17
4186247.47 2.10932
655469.54 4186257.74 2.10811 655491.92
4186268.01 2.10578

```
         655514.29    4186278.28        2.10267                       655536.66
4186288.55        2.09911
         655567.08    4186322.09        2.11870                       655575.12
4186345.36        2.14230
         655583.17    4186368.62        2.16599                       655591.22
4186391.89        2.18966
         655599.26    4186415.15        2.21310                       655607.31
4186438.42        2.23615
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 435
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         655615.35    4186461.68        2.25866                       655623.40
4186484.95        2.28060
         655631.45    4186508.21        2.30194                       655639.49
4186531.48        2.32274
         655647.54    4186554.75        2.34310                       655655.58
4186578.01        2.36314
         655663.63    4186601.28        2.38302                       655671.68
4186624.54        2.40284
         655679.72    4186647.81        2.42266                       655687.77
4186671.07        2.44229
         655695.81    4186694.34        2.46148                       655703.86
4186717.60        2.47993
         655711.91    4186740.87        2.49733                       655719.95
4186764.13        2.51339
         655728.00    4186787.40        2.52797                       655736.04
4186810.67        2.54110
         655744.09    4186833.93        2.55293                       655752.14
4186857.20        2.56372
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655760.18 4186880.46 2.57370 655768.23 4186903.73 2.58300
655776.27 4186926.99 2.59154 655784.32 4186950.26 2.59912
655792.37 4186973.52 2.60542 655800.41 4186996.79 2.61009
655808.46 4187020.06 2.61279 655816.50 4187043.32 2.61342
655824.55 4187066.59 2.61199 655832.60 4187089.85 2.60872
655840.64 4187113.12 2.60401 655848.69 4187136.38 2.59824
655856.73 4187159.65 2.59189 655864.78 4187182.91 2.58525
655872.83 4187206.18 2.57859 655880.87 4187229.44 2.57205
655888.92 4187252.71 2.56568 655896.96 4187275.98 2.55948
655905.01 4187299.24 2.55346 655913.06 4187322.51 2.54769
655921.10 4187345.77 2.54223 655929.15 4187369.04 2.53713
655937.19 4187392.30 2.53245 655945.24 4187415.57 2.52814
655953.29 4187438.83 2.52406 655961.33 4187462.10 2.52002
655969.38 4187485.36 2.51572 655977.42 4187508.63 2.51093
655985.47 4187531.90 2.50528 655993.52 4187555.16 2.49856
656001.56 4187578.43 2.49050 656009.61 4187601.69 2.48090
656017.65 4187624.96 2.46958 656025.70 4187648.22 2.45644
656033.75 4187671.49 2.44138 656041.79 4187694.75 2.42444
656049.84 4187718.02 2.40570 656057.88 4187741.28 2.38538
656065.93 4187764.55 2.36371 656073.98 4187787.82 2.34106
656082.02 4187811.08 2.31778 656090.07 4187834.35 2.29416
656098.11 4187857.61 2.27058 656106.16 4187880.88 2.24726
656114.20 4187904.14 2.22445 656122.25 4187927.41 2.20231
656130.30 4187950.67 2.18096 656138.34 4187973.94 2.16050
656146.39 4187997.20 2.14086 656154.43 4188020.47 2.12197

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         653881.12    4185528.45        1.36460                       653856.35
4185527.79        1.35440
         653831.57    4185527.12        1.34483                       653806.79
4185526.46        1.33610
         653782.01    4185525.80        1.32851                       653757.23
4185525.14        1.32246
         653916.84    4185038.89        1.01187                       653939.20
4185049.16        1.02379
         653961.56    4185059.43        1.03615                       653983.92
4185069.69        1.04895
         654006.29    4185079.96        1.06226                       654028.65
4185090.23        1.07603
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 436
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         654051.01    4185100.49        1.09024                       654073.37
4185110.76        1.10481
         654095.73    4185121.03        1.11964                       654118.09
4185131.30        1.13459
         654140.46    4185141.56        1.14950                       654162.82
4185151.83        1.16414
         654185.18    4185162.10        1.17830                       654207.54
4185172.36        1.19176
         654229.90    4185182.63        1.20435                       654252.26
4185192.90        1.21599
         654274.63    4185203.16        1.22663                       654296.99
4185213.43        1.23636
         654319.35    4185223.70        1.24533                       654341.71
4185233.96        1.25376
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654364.07 4185244.23 1.26195 654386.43
4185254.50 1.27016
654408.80 4185264.77 1.27865 654431.16
4185275.03 1.28757
654453.52 4185285.30 1.29706 654475.88
4185295.57 1.30710
654498.24 4185305.83 1.31761 654520.60
4185316.10 1.32850
654542.97 4185326.37 1.33964 654565.33
4185336.63 1.35088
654587.69 4185346.90 1.36216 654610.05
4185357.17 1.37348
654632.41 4185367.43 1.38488 654654.77
4185377.70 1.39644
654677.14 4185387.97 1.40818 654699.50
4185398.23 1.42008
654721.86 4185408.50 1.43202 654744.22
4185418.77 1.44379
654766.58 4185429.04 1.45512 654788.94
4185439.30 1.46566
654811.31 4185449.57 1.47513 654833.67
4185459.84 1.48322
654856.03 4185470.10 1.48968 654878.39
4185480.37 1.49438
654900.75 4185490.64 1.49723 654923.11
4185500.90 1.49826
654945.48 4185511.17 1.49759 654967.84
4185521.44 1.49541
654990.20 4185531.70 1.49197 655012.56
4185541.97 1.48751
655034.92 4185552.24 1.48232 655057.28
4185562.51 1.47663
655079.64 4185572.77 1.47065 655102.01
4185583.04 1.46454
655124.37 4185593.31 1.45851 655146.73
4185603.57 1.45271
655169.09 4185613.84 1.44735 655191.45
4185624.11 1.44265
655213.81 4185634.37 1.43885 655236.18
4185644.64 1.43622
655258.54 4185654.91 1.43495 655280.90
4185665.17 1.43516
655303.26 4185675.44 1.43693 655325.62
4185685.71 1.44025
655347.98 4185695.97 1.44496 655370.35
4185706.24 1.45091
655392.71 4185716.51 1.45783 655415.07
4185726.78 1.46547
655437.43 4185737.04 1.47349 655459.79
4185747.31 1.48168

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655839.94	4185921.85	1.55562	655862.30	4185932.11	1.55352
655884.66	4185942.38	1.55120	655907.03	4185952.65	1.54883
655937.43	4185986.17	1.56073	655945.47	4186009.42	1.57516
655953.51	4186032.68	1.58971	655961.56	4186055.93	1.60426
655969.60	4186079.19	1.61875	655977.64	4186102.44	1.63307

655985.68 4186125.70 1.64717 655993.73
4186148.95 1.66095
656001.77 4186172.21 1.67442 656009.81
4186195.46 1.68752
656017.85 4186218.71 1.70028 656025.89
4186241.97 1.71276
656033.94 4186265.22 1.72498 656041.98
4186288.48 1.73708
656050.02 4186311.73 1.74912 656058.06
4186334.99 1.76120
656066.11 4186358.24 1.77335 656074.15
4186381.50 1.78561
656082.19 4186404.75 1.79787 656090.23
4186428.01 1.81005
656098.27 4186451.26 1.82194 656106.32
4186474.51 1.83330
656114.36 4186497.77 1.84401 656122.40
4186521.02 1.85391
656130.44 4186544.28 1.86296 656138.49
4186567.53 1.87117
656146.53 4186590.79 1.87867 656154.57
4186614.04 1.88559
656162.61 4186637.30 1.89209 656170.65
4186660.55 1.89832
656178.70 4186683.81 1.90434 656186.74
4186707.06 1.91008
656194.78 4186730.32 1.91548 656202.82
4186753.57 1.92033
656210.87 4186776.82 1.92438 656218.91
4186800.08 1.92745
656226.95 4186823.33 1.92935 656234.99
4186846.59 1.92999
656243.03 4186869.84 1.92935 656251.08
4186893.10 1.92753
656259.12 4186916.35 1.92471 656267.16
4186939.61 1.92110
656275.20 4186962.86 1.91698 656283.25
4186986.12 1.91256
656291.29 4187009.37 1.90805 656299.33
4187032.62 1.90359
656307.37 4187055.88 1.89927 656315.41
4187079.13 1.89510
656323.46 4187102.39 1.89107 656331.50
4187125.64 1.88718
656339.54 4187148.90 1.88338 656347.58
4187172.15 1.87969
656355.63 4187195.41 1.87614 656363.67
4187218.66 1.87276
656371.71 4187241.92 1.86963 656379.75
4187265.17 1.86674

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656387.79	4187288.43	1.86415	656395.84	4187311.68	1.86180
656403.88	4187334.93	1.85964	656411.92	4187358.19	1.85755
656419.96	4187381.44	1.85539	656428.01	4187404.70	1.85302
656436.05	4187427.95	1.85029	656444.09	4187451.21	1.84707
656452.13	4187474.46	1.84326	656460.17	4187497.72	1.83872
656468.22	4187520.97	1.83337	656476.26	4187544.23	1.82714
656484.30	4187567.48	1.81997	656492.34	4187590.74	1.81178
656500.39	4187613.99	1.80254	656508.43	4187637.24	1.79224
656516.47	4187660.50	1.78092	656524.51	4187683.75	1.76867
656532.55	4187707.01	1.75557	656540.60	4187730.26	1.74181
656548.64	4187753.52	1.72752	656556.68	4187776.77	1.71286
656564.72	4187800.03	1.69798	656572.77	4187823.28	1.68304
656580.81	4187846.54	1.66817	656588.85	4187869.79	1.65349

656596.89 4187893.04 1.63910 656604.93
4187916.30 1.62510
656612.98 4187939.55 1.61155 656621.02
4187962.81 1.59852
656629.06 4187986.06 1.58604 656637.10
4188009.32 1.57409
656645.15 4188032.57 1.56261 656653.19
4188055.83 1.55153
653894.48 4185028.63 1.00037 653869.70
4185027.96 0.99409
653844.92 4185027.30 0.98812 653820.14
4185026.64 0.98256
653795.36 4185025.98 0.97753 653770.59
4185025.32 0.97325
653930.19 4184539.07 0.77869 653952.54
4184549.33 0.78649
653974.89 4184559.60 0.79454 653997.25
4184569.86 0.80284
654019.60 4184580.12 0.81141 654041.96
4184590.39 0.82027
654064.31 4184600.65 0.82940 654086.67
4184610.91 0.83879
654109.02 4184621.18 0.84843 654131.37
4184631.44 0.85827
654153.73 4184641.70 0.86826 654176.08
4184651.97 0.87835
654198.44 4184662.23 0.88844 654220.79
4184672.49 0.89842
654243.15 4184682.76 0.90820 654265.50
4184693.02 0.91763
654287.85 4184703.28 0.92662 654310.21
4184713.55 0.93506
654332.56 4184723.81 0.94288 654354.92
4184734.08 0.95007
654377.27 4184744.34 0.95663 654399.63
4184754.60 0.96264
654421.98 4184764.87 0.96822 654444.33
4184775.13 0.97348
654466.69 4184785.39 0.97862 654489.04
4184795.66 0.98379
654511.40 4184805.92 0.98912 654533.75
4184816.18 0.99473
654556.11 4184826.45 1.00072 654578.46
4184836.71 1.00709
654600.82 4184846.97 1.01386 654623.17
4184857.24 1.02093
654645.52 4184867.50 1.02824 654667.88
4184877.76 1.03569
654690.23 4184888.03 1.04320 654712.59
4184898.29 1.05070

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         654734.94    4184908.56        1.05818                      654757.30
4184918.82        1.06566
         654779.65    4184929.08        1.07318                      654802.00
4184939.35        1.08082
         654824.36    4184949.61        1.08862                      654846.71
4184959.87        1.09661
         654869.07    4184970.14        1.10476                      654891.42
4184980.40        1.11298
         654913.78    4184990.66        1.12115                      654936.13
4185000.93        1.12910
         654958.48    4185011.19        1.13662                      654980.84
4185021.45        1.14354
         655003.19    4185031.72        1.14970                      655025.55
4185041.98        1.15492
         655047.90    4185052.24        1.15911                      655070.26
4185062.51        1.16219
         655092.61    4185072.77        1.16413                      655114.96
4185083.04        1.16496
         655137.32    4185093.30        1.16471                      655159.67
4185103.56        1.16349
         655182.03    4185113.83        1.16143                      655204.38
4185124.09        1.15868
         655226.74    4185134.35        1.15540                      655249.09
4185144.62        1.15173
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 439
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         655271.44    4185154.88        1.14775                      655293.80
4185165.14        1.14358
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655316.15 4185175.41 1.13935 655338.51
4185185.67 1.13510
655360.86 4185195.93 1.13090 655383.22
4185206.20 1.12683
655405.57 4185216.46 1.12298 655427.93
4185226.72 1.11944
655450.28 4185236.99 1.11637 655472.63
4185247.25 1.11389
655494.99 4185257.52 1.11213 655517.34
4185267.78 1.11118
655539.70 4185278.04 1.11116 655562.05
4185288.31 1.11209
655584.41 4185298.57 1.11399 655606.76
4185308.83 1.11679
655629.11 4185319.10 1.12042 655651.47
4185329.36 1.12475
655673.82 4185339.62 1.12966 655696.18
4185349.89 1.13499
655718.53 4185360.15 1.14057 655740.89
4185370.41 1.14625
655763.24 4185380.68 1.15191 655785.59
4185390.94 1.15741
655807.95 4185401.20 1.16272 655830.30
4185411.47 1.16780
655852.66 4185421.73 1.17268 655875.01
4185432.00 1.17738
655897.37 4185442.26 1.18193 655919.72
4185452.52 1.18636
655942.07 4185462.79 1.19065 655964.43
4185473.05 1.19472
655986.78 4185483.31 1.19852 656009.14
4185493.58 1.20194
656031.49 4185503.84 1.20484 656053.85
4185514.10 1.20714
656076.20 4185524.37 1.20877 656098.55
4185534.63 1.20968
656120.91 4185544.89 1.20991 656143.26
4185555.16 1.20953
656165.62 4185565.42 1.20866 656187.97
4185575.68 1.20742
656210.33 4185585.95 1.20594 656232.68
4185596.21 1.20433
656255.04 4185606.48 1.20269 656277.39
4185616.74 1.20107
656307.78 4185650.25 1.20888 656315.82
4185673.50 1.21842
656323.86 4185696.74 1.22804 656331.90
4185719.99 1.23771
656339.94 4185743.24 1.24735 656347.98
4185766.48 1.25692

656356.02 4185789.73 1.26635 656364.06
4185812.98 1.27562
656372.10 4185836.23 1.28469 656380.14
4185859.47 1.29353
656388.18 4185882.72 1.30216 656396.22
4185905.97 1.31057
656404.26 4185929.21 1.31878 656412.30
4185952.46 1.32681
656420.34 4185975.71 1.33471 656428.38
4185998.95 1.34253
656436.42 4186022.20 1.35034 656444.46
4186045.45 1.35824
656452.50 4186068.69 1.36623 656460.54
4186091.94 1.37434
656468.58 4186115.19 1.38256 656476.61
4186138.44 1.39085
656484.65 4186161.68 1.39912 656492.69
4186184.93 1.40728
656500.73 4186208.18 1.41522 656508.77
4186231.42 1.42280
656516.81 4186254.67 1.42991 656524.85
4186277.92 1.43649
656532.89 4186301.16 1.44252 656540.93
4186324.41 1.44802
656548.97 4186347.66 1.45306 656557.01
4186370.91 1.45774
656565.05 4186394.15 1.46216 656573.09
4186417.40 1.46645

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

- - - -

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         656967.03    4187556.50        1.39742                       656975.07
4187579.75        1.39064
         656983.11    4187602.99        1.38323                       656991.15
4187626.24        1.37523
         656999.19    4187649.49        1.36667                       657007.23
4187672.73        1.35763
         657015.27    4187695.98        1.34818                       657023.31
4187719.23        1.33842
         657031.35    4187742.48        1.32843                       657039.39
4187765.72        1.31831
         657047.42    4187788.97        1.30814                       657055.46
4187812.22        1.29797
         657063.50    4187835.46        1.28787                       657071.54
4187858.71        1.27789
         657079.58    4187881.96        1.26810                       657087.62
4187905.20        1.25853
         657095.66    4187928.45        1.24926                       657103.70
4187951.70        1.24031
         657111.74    4187974.95        1.23170                       657119.78
4187998.19        1.22347
         657127.82    4188021.44        1.21560                       657135.86
4188044.69        1.20808
         657143.90    4188067.93        1.20084                       657151.94
4188091.18        1.19383
         653907.83    4184528.80        0.77109                       653883.05
4184528.14        0.76688
         653858.27    4184527.48        0.76283                       653833.50
4184526.82        0.75898
         653808.72    4184526.16        0.75541                       653783.94
4184525.49        0.75224
         653943.53    4184039.24        0.62128                       653965.88
4184049.51        0.62675
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 441
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653988.23	4184059.77	0.63237	654010.58	4184070.03	0.63813
654032.93	4184080.29	0.64406	654055.28	4184090.55	0.65016
654077.63	4184100.81	0.65642	654099.98	4184111.07	0.66286
654122.32	4184121.33	0.66945	654144.67	4184131.59	0.67619
654167.02	4184141.85	0.68306	654189.37	4184152.12	0.69004
654211.72	4184162.38	0.69710	654234.07	4184172.64	0.70423
654256.42	4184182.90	0.71140	654278.77	4184193.16	0.71855
654301.12	4184203.42	0.72560	654323.46	4184213.68	0.73249
654345.81	4184223.94	0.73912	654368.16	4184234.20	0.74544
654390.51	4184244.47	0.75140	654412.86	4184254.73	0.75695
654435.21	4184264.99	0.76208	654457.56	4184275.25	0.76679
654479.91	4184285.51	0.77110	654502.26	4184295.77	0.77506
654524.61	4184306.03	0.77875	654546.95	4184316.29	0.78227
654569.30	4184326.55	0.78570	654591.65	4184336.81	0.78915
654614.00	4184347.08	0.79272	654636.35	4184357.34	0.79647
654658.70	4184367.60	0.80048	654681.05	4184377.86	0.80476
654703.40	4184388.12	0.80933	654725.75	4184398.38	0.81417
654748.09	4184408.64	0.81922	654770.44	4184418.90	0.82444
654792.79	4184429.16	0.82974	654815.14	4184439.42	0.83508
654837.49	4184449.69	0.84039	654859.84	4184459.95	0.84565
654882.19	4184470.21	0.85087	654904.54	4184480.47	0.85605
654926.89	4184490.73	0.86127	654949.23	4184500.99	0.86657

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         654971.58    4184511.25        0.87199                        654993.93
4184521.51        0.87759
         655016.28    4184531.77        0.88336                        655038.63
4184542.04        0.88928
         655060.98    4184552.30        0.89528                        655083.33
4184562.56        0.90126
         655105.68    4184572.82        0.90713                        655128.03
4184583.08        0.91275
         655150.37    4184593.34        0.91801                        655172.72
4184603.60        0.92280
         655195.07    4184613.86        0.92703                        655217.42
4184624.12        0.93061
         655239.77    4184634.38        0.93349                        655262.12
4184644.65        0.93564
         655284.47    4184654.91        0.93704                        655306.82
4184665.17        0.93768
         655329.17    4184675.43        0.93761                        655351.51
4184685.69        0.93689
         655373.86    4184695.95        0.93558                        655396.21
4184706.21        0.93377
         655418.56    4184716.47        0.93156                        655440.91
4184726.73        0.92906
         655463.26    4184736.99        0.92634                        655485.61
4184747.26        0.92348
         655507.96    4184757.52        0.92054                        655530.31
4184767.78        0.91755
         655552.65    4184778.04        0.91455                        655575.00
4184788.30        0.91155
         655597.35    4184798.56        0.90859                        655619.70
4184808.82        0.90568
         655642.05    4184819.08        0.90287                        655664.40
4184829.34        0.90023
         655686.75    4184839.61        0.89781                        655709.10
4184849.87        0.89570
         655731.45    4184860.13        0.89399                        655753.79
4184870.39        0.89274
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 442
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
655776.14	4184880.65	0.89203	655798.49	4184890.91	0.89191
655820.84	4184901.17	0.89241	655843.19	4184911.43	0.89354
655865.54	4184921.69	0.89530	655887.89	4184931.95	0.89764
655910.24	4184942.22	0.90051	655932.59	4184952.48	0.90383
655954.93	4184962.74	0.90751	655977.28	4184973.00	0.91147
655999.63	4184983.26	0.91559	656021.98	4184993.52	0.91979
656044.33	4185003.78	0.92398	656066.68	4185014.04	0.92808
656089.03	4185024.30	0.93201	656111.38	4185034.57	0.93576
656133.73	4185044.83	0.93927	656156.07	4185055.09	0.94261
656178.42	4185065.35	0.94584	656200.77	4185075.61	0.94904
656223.12	4185085.87	0.95220	656245.47	4185096.13	0.95530
656267.82	4185106.39	0.95834	656290.17	4185116.65	0.96130
656312.52	4185126.91	0.96409	656334.87	4185137.18	0.96665
656357.22	4185147.44	0.96889	656379.56	4185157.70	0.97075
656401.91	4185167.96	0.97217	656424.26	4185178.22	0.97311
656446.61	4185188.48	0.97357	656468.96	4185198.74	0.97358
656491.31	4185209.00	0.97318	656513.66	4185219.26	0.97245
656536.01	4185229.52	0.97148	656558.36	4185239.79	0.97035
656580.70	4185250.05	0.96913	656603.05	4185260.31	0.96791
656625.40	4185270.57	0.96671	656647.75	4185280.83	0.96557

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         656678.14    4185314.33        0.97108                      656686.17
4185337.57        0.97777
         656694.21    4185360.81        0.98452                      656702.25
4185384.06        0.99134
         656710.29    4185407.30        0.99813                      656718.33
4185430.54        1.00489
         656726.36    4185453.78        1.01159                      656734.40
4185477.02        1.01817
         656742.44    4185500.26        1.02464                      656750.48
4185523.50        1.03088
         656758.51    4185546.75        1.03707                      656766.55
4185569.99        1.04313
         656774.59    4185593.23        1.04904                      656782.63
4185616.47        1.05481
         656790.66    4185639.71        1.06045                      656798.70
4185662.95        1.06598
         656806.74    4185686.19        1.07142                      656814.78
4185709.43        1.07681
         656822.81    4185732.68        1.08219                      656830.85
4185755.92        1.08759
         656838.89    4185779.16        1.09305                      656846.93
4185802.40        1.09860
         656854.97    4185825.64        1.10428                      656863.00
4185848.88        1.11007
         656871.04    4185872.12        1.11594                      656879.08
4185895.37        1.12185
         656887.12    4185918.61        1.12772                      656895.15
4185941.85        1.13348
         656903.19    4185965.09        1.13904                      656911.23
4185988.33        1.14433
         656919.27    4186011.57        1.14929                      656927.30
4186034.81        1.15386
         656935.34    4186058.05        1.15806                      656943.38
4186081.30        1.16190
         656951.42    4186104.54        1.16541                      656959.45
4186127.78        1.16870
         656967.49    4186151.02        1.17182                      656975.53
4186174.26        1.17484
         656983.57    4186197.50        1.17785                      656991.60
4186220.74        1.18087
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 443
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
656999.64	4186243.98	1.18391	657007.68	4186267.23	1.18697
657015.72	4186290.47	1.18999	657023.76	4186313.71	1.19293
657031.79	4186336.95	1.19570	657039.83	4186360.19	1.19817
657047.87	4186383.43	1.20026	657055.91	4186406.67	1.20188
657063.94	4186429.92	1.20297	657071.98	4186453.16	1.20346
657080.02	4186476.40	1.20334	657088.06	4186499.64	1.20264
657096.09	4186522.88	1.20141	657104.13	4186546.12	1.19972
657112.17	4186569.36	1.19766	657120.21	4186592.60	1.19532
657128.24	4186615.85	1.19281	657136.28	4186639.09	1.19022
657144.32	4186662.33	1.18765	657152.36	4186685.57	1.18516
657160.40	4186708.81	1.18278	657168.43	4186732.05	1.18054
657176.47	4186755.29	1.17841	657184.51	4186778.54	1.17639
657192.55	4186801.78	1.17444	657200.58	4186825.02	1.17255
657208.62	4186848.26	1.17069	657216.66	4186871.50	1.16883
657224.70	4186894.74	1.16699	657232.73	4186917.98	1.16518
657240.77	4186941.22	1.16339	657248.81	4186964.47	1.16169
657256.85	4186987.71	1.16008	657264.88	4187010.95	1.15862
657272.92	4187034.19	1.15732	657280.96	4187057.43	1.15618

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         657289.00    4187080.67        1.15520                      657297.03
4187103.91        1.15436
         657305.07    4187127.16        1.15362                      657313.11
4187150.40        1.15295
         657321.15    4187173.64        1.15229                      657329.19
4187196.88        1.15160
         657337.22    4187220.12        1.15083                      657345.26
4187243.36        1.14993
         657353.30    4187266.60        1.14886                      657361.34
4187289.84        1.14759
         657369.37    4187313.09        1.14609                      657377.41
4187336.33        1.14433
         657385.45    4187359.57        1.14226                      657393.49
4187382.81        1.13987
         657401.52    4187406.05        1.13715                      657409.56
4187429.29        1.13406
         657417.60    4187452.53        1.13058                      657425.64
4187475.77        1.12670
         657433.67    4187499.02        1.12241                      657441.71
4187522.26        1.11769
         657449.75    4187545.50        1.11253                      657457.79
4187568.74        1.10698
         657465.83    4187591.98        1.10103                      657473.86
4187615.22        1.09474
         657481.90    4187638.46        1.08814                      657489.94
4187661.71        1.08128
         657497.98    4187684.95        1.07430                      657506.01
4187708.19        1.06711
         657514.05    4187731.43        1.05985                      657522.09
4187754.67        1.05253
         657530.13    4187777.91        1.04521                      657538.16
4187801.15        1.03791
         657546.20    4187824.39        1.03064                      657554.24
4187847.64        1.02346
         657562.28    4187870.88        1.01639                      657570.31
4187894.12        1.00944
         657578.35    4187917.36        1.00267                      657586.39
4187940.60        0.99611
         657594.43    4187963.84        0.98979                      657602.46
4187987.08        0.98377
         657610.50    4188010.33        0.97804                      657618.54
4188033.57        0.97257
         657626.58    4188056.81        0.96734                      657634.62
4188080.05        0.96231
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
657642.65	4188103.29	0.95745	657650.69	4188126.53	0.95271
653921.18	4184028.98	0.61593	653896.41	4184028.32	0.61291
653871.63	4184027.66	0.60998	653846.85	4184027.00	0.60717
653822.07	4184026.34	0.60453	653797.29	4184025.67	0.60212
653669.49	4187873.21	231.24384	653667.67	4187914.98	400.39540
653665.85	4187956.74	738.62304	653652.45	4187854.92	165.06695
653643.61	4187893.01	224.77412	653641.79	4187934.77	359.23693
653639.97	4187976.53	539.83078	653627.47	4187853.84	133.69091
653661.05	4187812.73	119.64534	653618.63	4187891.92	173.80839
653616.81	4187933.68	256.90644	653614.99	4187975.44	349.76565
653602.50	4187852.75	110.17686	653618.36	4187818.35	96.23607
653644.00	4187794.45	95.14067	653593.65	4187890.83	139.31299
653591.83	4187932.59	192.37161	653590.01	4187974.36	245.69898
653552.54	4187850.57	79.99452	653568.40	4187816.17	70.46924
653584.26	4187781.77	63.46911	653609.91	4187757.87	63.92455
653645.34	4187744.46	68.57111	653543.70	4187888.65	95.47946

```
         653541.88    4187930.42      119.91445                      653540.06
4187972.18      142.40745
         653502.59    4187848.39       60.80175                      653518.45
4187813.99       55.07893
         653534.31    4187779.60       49.45145                      653550.17
4187745.20       45.37904
         653575.82    4187721.30       45.90777                      653611.24
4187707.89       49.89129
         653646.67    4187694.48       51.45091                      653493.75
4187886.47       69.38719
         653491.93    4187928.24       82.43570                      653490.11
4187970.00       94.14332
         653452.64    4187846.22       47.52382                      653468.50
4187811.82       44.36134
         653484.36    4187777.42       40.47272                      653500.22
4187743.02       36.90028
         653516.08    4187708.62       34.29113                      653541.72
4187684.72       34.68856
         653577.15    4187671.31       37.65515                      653612.58
4187657.91       39.81515
         653648.01    4187644.50       39.81911                      653443.80
4187884.30       52.80224
         653441.98    4187926.06       60.57022                      653440.16
4187967.83       67.50664
         653403.41    4187842.48       38.11004                      653420.71
4187804.95       35.94131
         653438.01    4187767.42       33.29628                      653455.31
4187729.90       30.31826
         653472.62    4187692.37       27.97006                      653509.24
4187647.54       27.34308
         653547.89    4187632.91       29.69896                      653586.54
4187618.28       31.70256
         653625.19    4187603.66       32.26229                      653663.83
4187589.03       31.04814
         653393.84    4187882.12       41.62226                      653392.02
4187923.88       46.65051
         653390.20    4187965.65       51.12715                      653353.34
4187840.54       31.39740
         653370.42    4187803.50       29.88998                      653387.50
4187766.45       28.33102
         653404.59    4187729.41       26.28805                      653421.67
4187692.36       24.19381
         653438.75    4187655.32       22.56915                      653474.90
4187611.05       22.10935
         653513.06    4187596.62       23.82769                      653551.21
4187582.18       25.51313
         653589.36    4187567.74       26.58406                      653627.51
4187553.30       26.42845
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   STCK1   , STCK2 , VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3 **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

653240.95 4187642.24 14.24040 653258.40
4187604.41 13.42803
653275.84 4187566.57 12.64744 653293.29
4187528.73 12.01411
653310.74 4187490.89 11.49336 653338.95
4187464.60 11.53495
653377.92 4187449.85 12.15960 653416.89
4187435.10 12.83629
653455.86 4187420.36 13.55761 653494.83
4187405.61 14.21560
653533.80 4187390.86 14.58919 653572.76
4187376.11 14.55851
653611.73 4187361.36 14.16996 653650.70
4187346.62 13.57216
653144.08 4187871.24 17.63050 653142.26
4187913.00 18.76857
653140.44 4187954.76 19.76374 653053.68
4187827.37 13.26488
653070.86 4187790.10 13.05476 653088.04
4187752.84 12.73513
653105.23 4187715.57 12.35373 653122.41
4187678.31 12.03935
653139.59 4187641.04 11.72575 653156.77
4187603.78 11.29819
653173.96 4187566.51 10.77078 653191.14
4187529.25 10.21534
653208.32 4187491.98 9.71688 653225.50
4187454.72 9.31704
653242.69 4187417.45 8.97206 653270.47
4187391.56 8.98761
653308.85 4187377.03 9.38987 653347.23
4187362.51 9.83257
653385.61 4187347.99 10.30413 653423.98
4187333.46 10.81084
653462.36 4187318.94 11.25783 653500.74
4187304.41 11.52221
653539.12 4187289.89 11.54642 653577.50
4187275.37 11.34000
653615.88 4187260.84 10.98221 653654.26
4187246.32 10.52298
653044.18 4187866.88 13.73688 653042.36
4187908.65 14.47700
653040.54 4187950.41 15.12700 652953.68
4187823.22 10.72441
652970.67 4187786.36 10.59126 652987.67
4187749.51 10.42620
653004.66 4187712.65 10.17103 653021.65
4187675.80 9.90805
653038.65 4187638.94 9.69901 653055.64
4187602.09 9.49194

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653106.62	4187491.52	8.47007	653123.62	4187454.66	8.08699
653140.61	4187417.81	7.75765	653157.60	4187380.95	7.48124
653174.60	4187344.10	7.23253	653202.07	4187318.49	7.23387
653240.03	4187304.12	7.50755	653277.99	4187289.76	7.81735
653315.95	4187275.39	8.13661	653353.90	4187261.03	8.48770
653391.86	4187246.67	8.85994	653429.82	4187232.30	9.17753
653467.78	4187217.94	9.37267	653505.73	4187203.57	9.41506
653543.69	4187189.21	9.30365	653581.65	4187174.84	9.07959
653619.61	4187160.48	8.78570	653657.56	4187146.11	8.42496
652944.27	4187862.53	11.05638	652942.45	4187904.29	11.56316
652940.63	4187946.06	12.01297	652853.97	4187818.43	8.88503
652871.37	4187780.70	8.78182	652888.77	4187742.98	8.68045

652906.16 4187705.25 8.52491 652923.56
4187667.52 8.31488
652940.95 4187629.79 8.12879 652958.35
4187592.07 7.98293
652975.74 4187554.34 7.82869 652993.14
4187516.61 7.62141
653010.54 4187478.88 7.35366 653027.93
4187441.16 7.05905
653045.33 4187403.43 6.76041 653062.72
4187365.70 6.49115
653080.12 4187327.97 6.26663 653097.51
4187290.25 6.06980
653134.34 4187245.17 5.97559 653173.19
4187230.46 6.17393
653212.05 4187215.76 6.40449 653250.91
4187201.05 6.64078
653289.76 4187186.35 6.89135 653328.62
4187171.65 7.17628
653367.47 4187156.94 7.45938 653406.33
4187142.24 7.68145
653445.18 4187127.53 7.81072 653484.04
4187112.83 7.84118
653522.89 4187098.12 7.75081 653561.75
4187083.42 7.57798
653600.60 4187068.72 7.35687 653639.46
4187054.01 7.08369
653678.32 4187039.31 6.78090 652844.37
4187858.18 9.12869
652842.55 4187899.94 9.49018 652840.73
4187941.70 9.81601
652604.24 4187807.49 5.99885 652621.68
4187769.65 5.93948
652639.13 4187731.81 5.88496 652656.58
4187693.98 5.83867
652674.02 4187656.14 5.77303 652691.47
4187618.30 5.66867
652708.92 4187580.46 5.55060 652726.37
4187542.62 5.45482
652743.81 4187504.78 5.38208 652761.26
4187466.95 5.31236
652778.71 4187429.11 5.22721 652796.15
4187391.27 5.11116
652813.60 4187353.43 4.96630 652831.05
4187315.59 4.80922
652848.49 4187277.75 4.64760 652865.94
4187239.92 4.48987
652883.39 4187202.08 4.34967 652900.83
4187164.24 4.22954
652918.28 4187126.40 4.12207 652935.73
4187088.56 4.02141

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653197.76	4186973.78	4.76014	653236.73	4186959.04	4.92888
653275.70	4186944.29	5.09016	653314.67	4186929.54	5.21885
653353.64	4186914.79	5.30429	653392.61	4186900.05	5.34368
653431.57	4186885.30	5.33237	653470.54	4186870.55	5.27275
653509.51	4186855.80	5.18083	653548.48	4186841.06	5.07025
653587.45	4186826.31	4.93598	653626.42	4186811.56	4.76992
653665.39	4186796.81	4.59046	652594.60	4187847.29	6.11851
652592.78	4187889.06	6.29588	652590.96	4187930.82	6.46216
652354.49	4187796.57	4.36729	652371.97	4187758.66	4.33468
652389.45	4187720.75	4.29624	652406.93	4187682.85	4.26375

652424.41 4187644.94 4.23933 652441.89
4187607.03 4.20892
652459.37 4187569.12 4.15619 652476.85
4187531.21 4.08344
652494.32 4187493.30 4.01138 652511.80
4187455.39 3.95600
652529.28 4187417.49 3.91455 652546.76
4187379.58 3.87640
652564.24 4187341.67 3.83423 652581.72
4187303.76 3.78049
652599.20 4187265.85 3.70783 652616.68
4187227.94 3.61936
652634.16 4187190.03 3.52510 652651.64
4187152.13 3.42866
652669.12 4187114.22 3.33050 652686.60
4187076.31 3.23688
652704.08 4187038.40 3.15403 652721.56
4187000.49 3.08155
652739.03 4186962.58 3.01563 652756.51
4186924.67 2.95357
652793.51 4186879.38 2.91894 652832.56
4186864.60 2.97347
652871.60 4186849.83 3.03909 652910.64
4186835.05 3.11389
652949.68 4186820.28 3.18890 652988.73
4186805.50 3.25959
653027.77 4186790.73 3.33310 653066.81
4186775.95 3.42023
653105.85 4186761.18 3.52253 653144.89
4186746.40 3.63107
653183.94 4186731.63 3.73174 653222.98
4186716.86 3.81305
653262.02 4186702.08 3.87111 653301.06
4186687.31 3.90652
653340.10 4186672.53 3.91752 653379.15
4186657.76 3.90103
653418.19 4186642.98 3.86032 653457.23
4186628.21 3.80465
653496.27 4186613.43 3.74112 653535.31
4186598.66 3.66805
653574.36 4186583.88 3.57716 653613.40
4186569.11 3.46659
653652.44 4186554.33 3.34961 653691.48
4186539.56 3.24981
652344.84 4187836.41 4.43133 652343.02
4187878.17 4.53060
652341.20 4187919.94 4.62746 652104.74
4187785.66 3.34485
652122.24 4187747.71 3.32807 652139.74
4187709.75 3.30334

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652157.24	4187671.79	3.27680	652174.74	4187633.83	3.25577
652192.25	4187595.88	3.24162	652209.75	4187557.92	3.22653
652227.25	4187519.96	3.19942	652244.75	4187482.01	3.15615
652262.25	4187444.05	3.10459	652279.75	4187406.09	3.05809
652297.26	4187368.14	3.02354	652314.76	4187330.18	2.99773
652332.26	4187292.22	2.97431	652349.76	4187254.27	2.94977
652367.26	4187216.31	2.92160	652384.76	4187178.35	2.88482
652402.27	4187140.39	2.83555	652419.77	4187102.44	2.77675
652437.27	4187064.48	2.71502	652454.77	4187026.52	2.65277
652472.27	4186988.57	2.58882	652489.77	4186950.61	2.52459
652507.28	4186912.65	2.46459	652524.78	4186874.70	2.41140
652542.28	4186836.74	2.36396	652559.78	4186798.78	2.32020
652577.28	4186760.82	2.27889	652594.78	4186722.87	2.23940

652623.08 4186696.49 2.23592 652662.17
4186681.70 2.26978
652701.26 4186666.91 2.30961 652740.36
4186652.11 2.35666
652779.45 4186637.32 2.40733 652818.54
4186622.52 2.45559
652857.63 4186607.73 2.49978 652896.72
4186592.94 2.54486
652935.82 4186578.14 2.59805 652974.91
4186563.35 2.66249
653014.00 4186548.56 2.73474 653053.09
4186533.76 2.80851
653092.18 4186518.97 2.87573 653131.28
4186504.17 2.93047
653170.37 4186489.38 2.97158 653209.46
4186474.59 3.00025
653248.55 4186459.79 3.01620 653287.64
4186445.00 3.01733
653326.74 4186430.21 3.00208 653365.83
4186415.41 2.97345
653404.92 4186400.62 2.93683 653444.01
4186385.82 2.89659
653483.10 4186371.03 2.85235 653522.20
4186356.24 2.79937
653561.29 4186341.44 2.73300 653600.38
4186326.65 2.65433
653639.47 4186311.86 2.57269 653678.56
4186297.06 2.50194
652095.08 4187825.52 3.38149 652093.26
4187867.29 3.44241
652091.44 4187909.05 3.50397 651854.85
4187775.04 2.65726
651872.11 4187737.61 2.64951 651889.38
4187700.17 2.63534
651906.64 4187662.74 2.61653 651923.90
4187625.31 2.59752
651941.16 4187587.87 2.58288 651958.42
4187550.44 2.57380
651975.68 4187513.00 2.56632 651992.94
4187475.57 2.55356
652010.20 4187438.14 2.53022 652027.46
4187400.70 2.49683
652044.72 4187363.27 2.46001 652061.98
4187325.84 2.42775
652079.24 4187288.40 2.40375 652096.50
4187250.97 2.38617
652113.76 4187213.54 2.37089 652131.02
4187176.10 2.35533
652148.28 4187138.67 2.33889 652165.54
4187101.23 2.32031

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         652182.80    4187063.80        2.29624                       652200.06
4187026.37        2.26382
         652217.32    4186988.93        2.22422                       652234.58
4186951.50        2.18184
         652251.84    4186914.07        2.13966                       652269.10
4186876.63        2.09717
         652286.36    4186839.20        2.05325                       652303.62
4186801.77        2.00905
         652320.88    4186764.33        1.96732                       652338.14
4186726.90        1.92981
         652355.40    4186689.46        1.89613                       652372.67
4186652.03        1.86499
         652389.93    4186614.60        1.83555                       652407.19
4186577.16        1.80756
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 449
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652424.45    4186539.73        1.78076                       652452.35
4186513.72        1.77831
         652490.91    4186499.13        1.80065                       652529.46
4186484.54        1.82600
         652568.01    4186469.95        1.85601                       652606.57
4186455.36        1.89027
         652645.12    4186440.77        1.92581                       652683.67
4186426.18        1.95857
         652722.22    4186411.59        1.98765                       652760.78
4186397.00        2.01623
         652799.33    4186382.41        2.04913                       652837.88
4186367.82        2.08947
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        652876.44    4186353.23        2.13715                652914.99
4186338.64        2.18928
        652953.54    4186324.05        2.24135                652992.10
4186309.46        2.28877
        653030.65    4186294.87        2.32855                653069.20
4186280.28        2.35995
        653107.75    4186265.69        2.38387                653146.31
4186251.10        2.40112
        653184.86    4186236.51        2.41120                653223.41
4186221.92        2.41213
        653261.97    4186207.33        2.40274                653300.52
4186192.74        2.38413
        653339.07    4186178.15        2.35971                653377.63
4186163.56        2.33286
        653416.18    4186148.97        2.30469                653454.73
4186134.38        2.27380
        653493.28    4186119.79        2.23688                653531.84
4186105.20        2.19094
        653570.39    4186090.61        2.13601                653608.94
4186076.02        2.07660
        653647.50    4186061.43        2.02056                653686.05
4186046.84        1.97561
        651845.31    4187814.64        2.67940                651843.49
4187856.40        2.71936
        651841.67    4187898.17        2.76103                651355.37
4187753.19        1.81065
        651372.70    4187715.59        1.81038                651390.04
4187677.99        1.80593
        651407.38    4187640.39        1.79772                651424.71
4187602.80        1.78671
        651442.05    4187565.20        1.77457                651459.38
4187527.60        1.76371
        651476.72    4187490.00        1.75613                651494.06
4187452.40        1.75215
        651511.39    4187414.80        1.75022                651528.73
4187377.21        1.74727
        651546.07    4187339.61        1.74012                651563.40
4187302.01        1.72689
        651580.74    4187264.41        1.70802                651598.07
4187226.81        1.68645
        651615.41    4187189.21        1.66608                651632.75
4187151.62        1.64983
        651650.08    4187114.02        1.63817                651667.42
4187076.42        1.62963
        651684.76    4187038.82        1.62211                651702.09
4187001.22        1.61428
        651719.43    4186963.62        1.60600                651736.77
4186926.03        1.59768
        651754.10    4186888.43        1.58906                651771.44
4186850.83        1.57866
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         651788.77    4186813.23        1.56434                       651806.11
4186775.63        1.54525
         651823.45    4186738.03        1.52259                       651840.78
4186700.44        1.49875
         651858.12    4186662.84        1.47550                       651875.46
4186625.24        1.45289
         651892.79    4186587.64        1.42989                       651910.13
4186550.04        1.40587
         651927.46    4186512.44        1.38135                       651944.80
4186474.85        1.35765
         651962.14    4186437.25        1.33582                       651979.47
4186399.65        1.31609
         651996.81    4186362.05        1.29823                       652014.15
4186324.45        1.28101
         652031.48    4186286.85        1.26419                       652048.82
4186249.26        1.24798
         652066.15    4186211.66        1.23288                       652083.49
4186174.06        1.21859
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 450
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         652111.52    4186147.93        1.21744                       652150.24
4186133.28        1.22935
         652188.97    4186118.62        1.24204                       652227.69
4186103.97        1.25655
         652266.41    4186089.32        1.27374                       652305.13
4186074.66        1.29321
         652343.86    4186060.01        1.31346                       652382.58
4186045.35        1.33259
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652421.30 4186030.70 1.34920 652460.02
4186016.05 1.36348
652498.75 4186001.39 1.37715 652537.47
4185986.74 1.39264
652576.19 4185972.08 1.41183 652614.91
4185957.43 1.43542
652653.64 4185942.78 1.46285 652692.36
4185928.12 1.49269
652731.08 4185913.47 1.52318 652769.81
4185898.81 1.55250
652808.53 4185884.16 1.57869 652847.25
4185869.51 1.60071
652885.97 4185854.85 1.61848 652924.70
4185840.20 1.63267
652963.42 4185825.54 1.64413 653002.14
4185810.89 1.65309
653040.86 4185796.24 1.65900 653079.59
4185781.58 1.66078
653118.31 4185766.93 1.65769 653157.03
4185752.28 1.64982
653195.75 4185737.62 1.63812 653234.48
4185722.97 1.62420
653273.20 4185708.31 1.60944 653311.92
4185693.66 1.59462
653350.65 4185679.01 1.57948 653389.37
4185664.35 1.56290
653428.09 4185649.70 1.54328 653466.81
4185635.04 1.51902
653505.54 4185620.39 1.48956 653544.26
4185605.74 1.45583
653582.98 4185591.08 1.42045 653621.70
4185576.43 1.38705
653660.43 4185561.77 1.35912 653699.15
4185547.12 1.33880
651345.79 4187792.87 1.81929 651343.97
4187834.63 1.83826
651342.15 4187876.40 1.85913 650855.87
4187731.37 1.32441
650873.25 4187693.66 1.32542 650890.64
4187655.95 1.32411
650908.02 4187618.25 1.32211 650925.41
4187580.54 1.31807
650942.80 4187542.84 1.31193 650960.18
4187505.13 1.30370
650977.57 4187467.42 1.29662 650994.95
4187429.72 1.28939
651012.34 4187392.01 1.28548 651029.72
4187354.31 1.28308
651047.11 4187316.60 1.28354 651064.50
4187278.89 1.28263

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651464.37	4186411.66	1.09036	651481.76	4186373.95	1.07663
651499.15	4186336.24	1.06316	651516.53	4186298.54	1.04921

651533.92 4186260.83 1.03448 651551.30
4186223.13 1.01934
651568.69 4186185.42 1.00431 651586.08
4186147.71 0.99013
651603.46 4186110.01 0.97711 651620.85
4186072.30 0.96509
651638.23 4186034.60 0.95380 651655.62
4185996.89 0.94290
651673.01 4185959.18 0.93231 651690.39
4185921.48 0.92229
651707.78 4185883.77 0.91255 651725.16
4185846.07 0.90360
651742.55 4185808.36 0.89563 651770.66
4185782.16 0.89547
651809.49 4185767.46 0.90185 651848.33
4185752.77 0.90958
651887.16 4185738.07 0.91726 651925.99
4185723.37 0.92638
651964.83 4185708.68 0.93697 652003.66
4185693.98 0.94898
652042.49 4185679.29 0.96177 652081.33
4185664.59 0.97426
652120.16 4185649.89 0.98547 652158.99
4185635.20 0.99486
652197.83 4185620.50 1.00269 652236.66
4185605.81 1.01003
652275.50 4185591.11 1.01826 652314.33
4185576.41 1.02835
652353.16 4185561.72 1.04106 652392.00
4185547.02 1.05644
652430.83 4185532.33 1.07410 652469.66
4185517.63 1.09332
652508.50 4185502.94 1.11323 652547.33
4185488.24 1.13279
652586.16 4185473.54 1.15098 652625.00
4185458.85 1.16707
652663.83 4185444.15 1.18065 652702.66
4185429.46 1.19177
652741.50 4185414.76 1.20090 652780.33
4185400.06 1.20868
652819.16 4185385.37 1.21546 652858.00
4185370.67 1.22108
652896.83 4185355.98 1.22512 652935.67
4185341.28 1.22698
652974.50 4185326.58 1.22625 653013.33
4185311.89 1.22274
653052.17 4185297.19 1.21679 653091.00
4185282.50 1.20911
653129.83 4185267.80 1.20042 653168.67
4185253.10 1.19139

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         653207.50    4185238.41        1.18243                      653246.33
4185223.71        1.17356
         653285.17    4185209.02        1.16450                      653324.00
4185194.32        1.15458
         653362.83    4185179.62        1.14297                      653401.67
4185164.93        1.12883
         653440.50    4185150.23        1.11164                      653479.34
4185135.54        1.09142
         653518.17    4185120.84        1.06902                      653557.00
4185106.14        1.04594
         653595.84    4185091.45        1.02406                      653634.67
4185076.75        1.00519
         653673.50    4185062.06        0.99061                      653712.34
4185047.36        0.98068
         650846.26    4187771.10        1.32873                      650844.44
4187812.87        1.33946
         650842.62    4187854.63        1.35333                      650356.36
4187709.56        1.01787
         650373.78    4187671.78        1.02154                      650391.20
4187634.00        1.02360
         650408.62    4187596.21        1.02340                      650426.04
4187558.43        1.02032
         650443.46    4187520.65        1.01729                      650460.88
4187482.87        1.01297
         650478.30    4187445.09        1.00781                      650495.72
4187407.30        1.00174
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 452
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                    INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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650513.15 4187369.52 0.99600 650530.57
4187331.74 0.99189
650547.99 4187293.96 0.98877 650565.41
4187256.18 0.98750
650582.83 4187218.40 0.98773 650600.25
4187180.61 0.98820
650617.67 4187142.83 0.98816 650635.09
4187105.05 0.98676
650652.51 4187067.27 0.98335 650669.93
4187029.49 0.97745
650687.36 4186991.70 0.96926 650704.78
4186953.92 0.95962
650722.20 4186916.14 0.94969 650739.62
4186878.36 0.94069
650757.04 4186840.58 0.93353 650774.46
4186802.79 0.92837
650791.88 4186765.01 0.92482 650809.30
4186727.23 0.92223
650826.72 4186689.45 0.91988 650844.14
4186651.67 0.91725
650861.56 4186613.88 0.91414 650878.99
4186576.10 0.91066
650896.41 4186538.32 0.90717 650913.83
4186500.54 0.90403
650931.25 4186462.76 0.90129 650948.67
4186424.97 0.89855
650966.09 4186387.19 0.89504 650983.51
4186349.41 0.89008
651000.93 4186311.63 0.88323 651018.35
4186273.85 0.87435
651035.77 4186236.06 0.86437 651053.20
4186198.28 0.85387
651070.62 4186160.50 0.84396 651088.04
4186122.72 0.83476
651105.46 4186084.94 0.82586 651122.88
4186047.16 0.81713
651140.30 4186009.37 0.80809 651157.72
4185971.59 0.79833
651175.14 4185933.81 0.78845 651192.56
4185896.03 0.77841
651209.98 4185858.25 0.76862 651227.40
4185820.46 0.75967
651244.83 4185782.68 0.75159 651262.25
4185744.90 0.74408
651279.67 4185707.12 0.73761 651297.09
4185669.34 0.72991
651314.51 4185631.55 0.72262 651331.93
4185593.77 0.71548
651349.35 4185555.99 0.70913 651366.77
4185518.21 0.70290

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         651384.19    4185480.43        0.69701                      651401.61
4185442.64        0.69159
         651429.78    4185416.39        0.69159                      651468.69
4185401.66        0.69663
         651507.60    4185386.94        0.70162                      651546.52
4185372.21        0.70678
         651585.43    4185357.49        0.71215                      651624.34
4185342.76        0.71822
         651663.25    4185328.04        0.72528                      651702.16
4185313.31        0.73322
         651741.07    4185298.59        0.74201                      651779.99
4185283.86        0.75093
         651818.90    4185269.13        0.75910                      651857.81
4185254.41        0.76608
         651896.72    4185239.68        0.77179                      651935.63
4185224.96        0.77649
         651974.55    4185210.23        0.78088                      652013.46
4185195.51        0.78543
         652052.37    4185180.78        0.79116                      652091.28
4185166.06        0.79854
         652130.19    4185151.33        0.80763                      652169.10
4185136.60        0.81838
         652208.02    4185121.88        0.83050                      652246.93
4185107.15        0.84373
         652285.84    4185092.43        0.85730                      652324.75
4185077.70        0.87083
         652363.66    4185062.98        0.88372                      652402.57
4185048.25        0.89553
         652441.49    4185033.53        0.90590                      652480.40
4185018.80        0.91469
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 453
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652519.31	4185004.08	0.92207	652558.22	4184989.35	0.92841
652597.13	4184974.62	0.93386	652636.04	4184959.90	0.93869
652674.96	4184945.17	0.94308	652713.87	4184930.45	0.94695
652752.78	4184915.72	0.94992	652791.69	4184901.00	0.95160
652830.60	4184886.27	0.95174	652869.52	4184871.55	0.95024
652908.43	4184856.82	0.94660	652947.34	4184842.09	0.94156
652986.25	4184827.37	0.93737	653025.16	4184812.64	0.93129
653064.07	4184797.92	0.92503	653102.99	4184783.19	0.91929
653141.90	4184768.47	0.91364	653180.81	4184753.74	0.90789
653219.72	4184739.02	0.90197	653258.63	4184724.29	0.89550
653297.54	4184709.56	0.88802	653336.46	4184694.84	0.87903
653375.37	4184680.11	0.86817	653414.28	4184665.39	0.85530
653453.19	4184650.66	0.84065	653492.10	4184635.94	0.82484
653531.01	4184621.21	0.80873	653569.93	4184606.49	0.79339
653608.84	4184591.76	0.77984	653647.75	4184577.03	0.76889
653686.66	4184562.31	0.76091	653725.57	4184547.58	0.75577
650346.74	4187749.33	1.02029	650344.92	4187791.10	1.02719
650343.10	4187832.86	1.03531	649856.84	4187687.76	0.80994
649874.29	4187649.93	0.81166	649891.74	4187612.09	0.81308
649909.18	4187574.25	0.81419	649926.63	4187536.41	0.81480
649944.08	4187498.57	0.81410	649961.53	4187460.73	0.81187
649978.97	4187422.90	0.80900	649996.42	4187385.06	0.80525
650013.87	4187347.22	0.80079	650031.31	4187309.38	0.79621

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         650048.76    4187271.54        0.79209                       650066.21
4187233.70        0.78892
         650083.65    4187195.87        0.78695                       650101.10
4187158.03        0.78619
         650118.55    4187120.19        0.78710                       650136.00
4187082.35        0.78785
         650153.44    4187044.51        0.78852                       650170.89
4187006.67        0.78931
         650188.34    4186968.84        0.78980                       650205.78
4186931.00        0.78632
         650223.23    4186893.16        0.78101                       650240.68
4186855.32        0.77590
         650258.12    4186817.48        0.76905                       650275.57
4186779.64        0.76172
         650293.02    4186741.81        0.75493                       650310.46
4186703.97        0.74869
         650327.91    4186666.13        0.74438                       650345.36
4186628.29        0.74077
         650362.81    4186590.45        0.73898                       650380.25
4186552.61        0.73743
         650397.70    4186514.78        0.73584                       650415.15
4186476.94        0.73410
         650432.59    4186439.10        0.73209                       650450.04
4186401.26        0.72957
         650467.49    4186363.42        0.72720                       650484.93
4186325.58        0.72447
         650502.38    4186287.75        0.72234                       650519.83
4186249.91        0.72050
         650537.28    4186212.07        0.71921                       650554.72
4186174.23        0.71771
         650572.17    4186136.39        0.71483                       650589.62
4186098.55        0.71091
         650607.06    4186060.72        0.70574                       650624.51
4186022.88        0.69939
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 454
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
650641.96	4185985.04	0.69207	650659.40	4185947.20	0.68466
650676.85	4185909.36	0.67744	650694.30	4185871.52	0.67071
650711.74	4185833.69	0.66463	650729.19	4185795.85	0.65787
650746.64	4185758.01	0.65074	650764.09	4185720.17	0.64543
650781.53	4185682.33	0.63898	650798.98	4185644.49	0.63190
650816.43	4185606.66	0.62480	650833.87	4185568.82	0.61792
650851.32	4185530.98	0.61166	650868.77	4185493.14	0.60590
650886.21	4185455.30	0.60056	650903.66	4185417.46	0.59529
650921.11	4185379.63	0.59006	650938.56	4185341.79	0.58472
650956.00	4185303.95	0.57957	650973.45	4185266.11	0.57432
650990.90	4185228.27	0.56955	651008.34	4185190.43	0.56479
651025.79	4185152.60	0.56097	651043.24	4185114.76	0.55708
651060.68	4185076.92	0.55393	651088.89	4185050.63	0.55398
651127.86	4185035.88	0.55781	651166.83	4185021.13	0.56105
651205.80	4185006.38	0.56454	651244.77	4184991.64	0.56818
651283.74	4184976.89	0.57246	651322.71	4184962.14	0.57669
651361.68	4184947.39	0.58192	651400.65	4184932.65	0.58767
651439.62	4184917.90	0.59370	651478.59	4184903.15	0.59990
651517.56	4184888.40	0.60599	651556.53	4184873.66	0.61153
651595.50	4184858.91	0.61615	651634.47	4184844.16	0.61980
651673.44	4184829.41	0.62271	651712.41	4184814.67	0.62529

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         651751.38    4184799.92        0.62802                      651790.35
4184785.17        0.63144
         651829.32    4184770.42        0.63585                      651868.29
4184755.68        0.64142
         651907.26    4184740.93        0.64816                      651946.23
4184726.18        0.65609
         651985.20    4184711.43        0.66493                      652024.17
4184696.69        0.67441
         652063.14    4184681.94        0.68418                      652102.11
4184667.19        0.69395
         652141.08    4184652.44        0.70345                      652180.05
4184637.70        0.71235
         652219.02    4184622.95        0.72042                      652257.99
4184608.20        0.72750
         652296.96    4184593.45        0.73355                      652335.93
4184578.71        0.73862
         652374.90    4184563.96        0.74285                      652413.87
4184549.21        0.74653
         652452.84    4184534.46        0.74992                      652491.81
4184519.72        0.75321
         652530.78    4184504.97        0.75636                      652569.75
4184490.22        0.75921
         652608.72    4184475.47        0.76150                      652647.69
4184460.73        0.76298
         652686.65    4184445.98        0.76346                      652725.62
4184431.23        0.76286
         652764.59    4184416.48        0.76126                      652803.56
4184401.74        0.75873
         652842.53    4184386.99        0.75541                      652881.50
4184372.24        0.75152
         652920.47    4184357.49        0.74733                      652959.44
4184342.75        0.74298
         652998.41    4184328.00        0.73870                      653037.38
4184313.25        0.73463
         653076.35    4184298.50        0.73090                      653115.32
4184283.75        0.72700
         653154.29    4184269.01        0.72292                      653193.26
4184254.26        0.71847
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 455
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
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VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653232.23	4184239.51	0.71336	653271.20	4184224.76	0.70736
653310.17	4184210.02	0.70019	653349.14	4184195.27	0.69168
653388.11	4184180.52	0.68185	653427.08	4184165.77	0.67093
653466.05	4184151.03	0.65938	653505.02	4184136.28	0.64768
653543.99	4184121.53	0.63647	653582.96	4184106.78	0.62638
653621.93	4184092.04	0.61794	653660.90	4184077.29	0.61145
653699.87	4184062.54	0.60695	653738.84	4184047.79	0.60413
649847.21	4187727.57	0.81111	649845.39	4187769.33	0.81565
649843.57	4187811.09	0.82103	653669.02	4187987.41	1037.62760
653652.19	4188005.90	643.98066	653635.37	4188024.39	402.86197
653617.96	4188041.48	274.54669	653608.64	4188019.11	290.28994
653599.33	4187996.73	281.79148	653631.73	4188060.96	259.31754
653584.52	4188078.97	151.01001	653575.63	4188057.61	160.59687
653566.74	4188036.26	166.92051	653557.84	4188014.90	166.31563
653548.95	4187993.54	158.54774	653598.07	4188097.94	143.68390
653550.66	4188115.44	97.02314	653541.34	4188093.07	102.46171
653532.03	4188070.69	107.38543	653522.71	4188048.32	110.29116
653513.40	4188025.94	109.80250	653504.08	4188003.57	106.49801
653517.13	4188152.74	68.12807	653508.08	4188130.98	71.34529

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         653499.02    4188109.23       74.32271                       653489.96
4188087.47       77.13363
         653480.91    4188065.72       78.83285                       653471.85
4188043.96       78.89256
         653462.80    4188022.21       77.70204                       653453.74
4188000.46       75.29594
         653483.35    4188189.41       50.91936                       653474.04
4188167.03       53.08116
         653464.72    4188144.65       55.00777                       653455.41
4188122.28       57.05207
         653446.09    4188099.90       58.78149                       653436.78
4188077.53       59.70263
         653427.46    4188055.15       59.64441                       653418.15
4188032.78       58.94136
         653408.83    4188010.40       57.70983                       653399.52
4187988.02       55.11129
         653449.79    4188226.61       39.64667                       653440.66
4188204.68       41.13978
         653431.54    4188182.75       42.40132                       653422.41
4188160.82       43.75739
         653413.28    4188138.90       45.15491                       653404.15
4188116.97       46.28145
         653395.02    4188095.04       46.93070                       653385.89
4188073.11       46.99773
         653376.77    4188051.18       46.63149                       653367.64
4188029.26       46.10504
         653358.51    4188007.33       45.07198                       653349.38
4187985.40       43.06193
         653382.32    4188300.17       26.28493                       653372.86
4188277.43       27.14684
         653363.39    4188254.69       27.82597                       653353.93
4188231.96       28.51040
         653344.46    4188209.22       29.30104                       653335.00
4188186.48       30.12530
         653325.53    4188163.75       30.82969                       653316.07
4188141.01       31.34160
         653306.60    4188118.27       31.61573                       653297.14
4188095.54       31.59414
         653287.67    4188072.80       31.38779                       653278.21
4188050.06       31.19541
         653268.74    4188027.33       30.87092                       653259.28
4188004.59       30.09024
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 456
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653249.81	4187981.85	28.78992	653396.16	4188319.82	25.56217
653315.03	4188374.16	18.92651	653305.59	4188351.49	19.46795
653296.16	4188328.82	19.88077	653286.72	4188306.15	20.25352
653277.28	4188283.48	20.66386	653267.84	4188260.81	21.14896
653258.41	4188238.14	21.66559	653248.97	4188215.47	22.13489
653239.53	4188192.80	22.51322	653230.10	4188170.13	22.80332
653220.66	4188147.46	22.97342	653211.22	4188124.79	22.97118
653201.78	4188102.12	22.84520	653192.35	4188079.45	22.73857
653182.91	4188056.78	22.67280	653173.47	4188034.11	22.47949
653164.03	4188011.44	22.00196	653154.60	4187988.77	21.23724
653328.86	4188393.79	18.46717	653247.74	4188448.14	14.40785
653238.32	4188425.52	14.78083	653228.90	4188402.90	15.06348
653219.48	4188380.27	15.29889	653210.06	4188357.65	15.53216
653200.65	4188335.02	15.80519	653191.23	4188312.40	16.12241
653181.81	4188289.77	16.46889	653172.39	4188267.15	16.79660
653162.97	4188244.53	17.07215	653153.55	4188221.90	17.29834
653144.14	4188199.28	17.48120	653134.72	4188176.65	17.59384

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         653125.30    4188154.03       17.59471                      653115.88
4188131.40       17.50551
         653106.46    4188108.78       17.41505                      653097.05
4188086.16       17.38725
         653087.63    4188063.53       17.36523                      653078.21
4188040.91       17.23217
         653068.79    4188018.28       16.91287                      653059.37
4187995.66       16.41980
         653049.95    4187973.04       15.80546                      653180.44
4188522.12       11.40005
         653171.04    4188499.53       11.66953                      653161.63
4188476.94       11.87607
         653152.23    4188454.35       12.04079                      653142.82
4188431.76       12.19204
         653133.42    4188409.17       12.35650                      653124.01
4188386.58       12.54928
         653114.61    4188363.99       12.77474                      653105.21
4188341.40       13.01651
         653095.80    4188318.80       13.25014                      653086.40
4188296.21       13.45563
         653076.99    4188273.62       13.62730                      653067.59
4188251.03       13.77626
         653058.18    4188228.44       13.90280                      653048.78
4188205.85       13.98369
         653039.38    4188183.26       13.98760                      653029.97
4188160.67       13.92028
         653020.57    4188138.08       13.84002                      653011.16
4188115.49       13.80564
         653001.76    4188092.90       13.81622                      652992.35
4188070.31       13.80640
         652982.95    4188047.72       13.70401                      652973.55
4188025.12       13.47786
         652964.14    4188002.53       13.13867                      652954.74
4187979.94       12.72052
         653113.14    4188596.10        9.28753                      653103.75
4188573.53        9.48960
         653094.35    4188550.96        9.64670                      653084.96
4188528.40        9.77015
         653075.57    4188505.83        9.87710                      653066.17
4188483.27        9.98419
         653056.78    4188460.70       10.10655                      653047.39
4188438.14       10.25061
         653037.99    4188415.57       10.41527                      653028.60
4188393.01       10.59364
         653019.21    4188370.44       10.76914                      653009.81
4188347.88       10.92468
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
653000.42	4188325.31	11.05596	652991.02	4188302.75	11.16989
652981.63	4188280.18	11.27585	652972.24	4188257.62	11.36905
652962.84	4188235.05	11.42912	652953.45	4188212.49	11.43388
652944.06	4188189.92	11.38426	652934.66	4188167.36	11.31402
652925.27	4188144.79	11.27182	652915.88	4188122.23	11.27610
652906.48	4188099.66	11.29985	652897.09	4188077.10	11.29356
652887.69	4188054.53	11.21209	652878.30	4188031.96	11.04428
652868.91	4188009.40	10.80097	652859.51	4187986.83	10.50134
652850.12	4187964.27	10.16680	653126.95	4188615.67	9.12060
652944.86	4188780.95	6.08821	652935.42	4188758.28	6.19996
652925.99	4188735.61	6.29029	652916.55	4188712.94	6.36157
652907.11	4188690.27	6.41852	652897.67	4188667.60	6.46841
652888.24	4188644.93	6.51772	652878.80	4188622.26	6.57206
652869.36	4188599.59	6.63523	652859.93	4188576.92	6.70895
652850.49	4188554.25	6.79302	652841.05	4188531.58	6.88481

652831.61 4188508.91 6.98002 652822.18
4188486.23 7.07277
652812.74 4188463.56 7.15652 652803.30
4188440.89 7.22804
652793.86 4188418.22 7.28906 652784.43
4188395.55 7.34522
652774.99 4188372.88 7.40142 652765.55
4188350.21 7.45796
652756.12 4188327.54 7.50811 652746.68
4188304.87 7.53942
652737.24 4188282.20 7.54074 652727.80
4188259.53 7.51099
652718.37 4188236.86 7.46390 652708.93
4188214.19 7.42190
652699.49 4188191.52 7.40425 652690.05
4188168.85 7.41574
652680.62 4188146.18 7.44465 652671.18
4188123.51 7.46884
652661.74 4188100.84 7.46711 652652.31
4188078.17 7.42709
652642.87 4188055.50 7.34650 652633.43
4188032.83 7.23022
652623.99 4188010.16 7.08540 652614.56
4187987.49 6.91960
652605.12 4187964.82 6.74027 652776.59
4188965.81 4.35366
652767.12 4188943.08 4.42288 652757.66
4188920.34 4.48054
652748.19 4188897.60 4.52737 652738.73
4188874.87 4.56502
652729.26 4188852.13 4.59580 652719.80
4188829.40 4.62268
652710.33 4188806.66 4.64878 652700.87
4188783.92 4.67706
652691.40 4188761.19 4.70952 652681.94
4188738.45 4.74752
652672.47 4188715.71 4.79119 652663.01
4188692.98 4.84009
652653.54 4188670.24 4.89319 652644.08
4188647.50 4.94919
652634.61 4188624.77 5.00601 652625.15
4188602.03 5.06124
652615.68 4188579.29 5.11182 652606.22
4188556.56 5.15571
652596.75 4188533.82 5.19288 652587.29
4188511.08 5.22570
652577.82 4188488.35 5.25748 652568.36
4188465.61 5.29121
652558.89 4188442.87 5.32743 652549.43
4188420.14 5.36389

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   STCK1   , STCK2 , VOL1   , VOL2   , VOL3   ,
                                    VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

652561.37 4189037.91 3.46458 652551.97
4189015.33 3.48284
652542.57 4188992.76 3.49868 652533.17
4188970.18 3.51375
652523.77 4188947.60 3.52962 652514.38
4188925.02 3.54764
652504.98 4188902.45 3.56859 652495.58
4188879.87 3.59297
652486.18 4188857.29 3.62069 652476.78
4188834.72 3.65132
652467.38 4188812.14 3.68435 652457.98
4188789.56 3.71915
652448.59 4188766.98 3.75517 652439.19
4188744.41 3.79153
652429.79 4188721.83 3.82717 652420.39
4188699.25 3.86058
652410.99 4188676.68 3.89035 652401.59
4188654.10 3.91585
652392.19 4188631.52 3.93756 652382.80
4188608.94 3.95711
652373.40 4188586.37 3.97644 652364.00
4188563.79 3.99741
652354.60 4188541.21 4.02084 652345.20
4188518.64 4.04633
652335.80 4188496.06 4.07204 652326.40
4188473.48 4.09459
652317.00 4188450.90 4.10969 652307.61
4188428.33 4.11351
652298.21 4188405.75 4.10427 652288.81
4188383.17 4.08367
652279.41 4188360.59 4.05672 652270.01
4188338.02 4.03032
652260.61 4188315.44 4.01113 652251.21
4188292.86 4.00358
652241.82 4188270.29 4.00884 652232.42
4188247.71 4.02453
652223.02 4188225.13 4.04568 652213.62
4188202.55 4.06606
652204.22 4188179.98 4.07975 652194.82
4188157.40 4.08263
652185.42 4188134.82 4.07270 652176.02
4188112.25 4.04996
652166.63 4188089.67 4.01567 652157.23
4188067.09 3.97127
652147.83 4188044.51 3.91826 652138.43
4188021.94 3.85792
652129.03 4187999.36 3.79164 652119.63
4187976.78 3.72113
652110.23 4187954.21 3.64842 652100.84
4187931.63 3.57552

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
652411.82	4189267.75	2.68648	652402.40	4189245.12	2.70680
652392.97	4189222.48	2.72370	652383.55	4189199.84	2.73770
652374.12	4189177.20	2.74934	652364.70	4189154.57	2.75943
652355.28	4189131.93	2.76888	652345.85	4189109.29	2.77859
652336.43	4189086.65	2.78948	652327.00	4189064.01	2.80215
652317.58	4189041.38	2.81700	652308.16	4189018.74	2.83416
652298.73	4188996.10	2.85342	652289.31	4188973.46	2.87449
652279.88	4188950.83	2.89690	652270.46	4188928.19	2.92036
652261.04	4188905.55	2.94455	652251.61	4188882.91	2.96922
652242.19	4188860.27	2.99408	652232.77	4188837.64	3.01849
652223.34	4188815.00	3.04163	652213.92	4188792.36	3.06263

652204.49 4188769.72 3.08084 652195.07
4188747.09 3.09628
652185.65 4188724.45 3.10962 652176.22
4188701.81 3.12200
652166.80 4188679.17 3.13477 652157.37
4188656.53 3.14895
652147.95 4188633.90 3.16517 652138.53
4188611.26 3.18339
652129.10 4188588.62 3.20280 652119.68
4188565.98 3.22185
652110.25 4188543.34 3.23806 652100.83
4188520.71 3.24867
652091.41 4188498.07 3.25129 652081.98
4188475.43 3.24471
652072.56 4188452.79 3.22982 652063.14
4188430.16 3.20933
652053.71 4188407.52 3.18732 652044.29
4188384.88 3.16822
652034.86 4188362.24 3.15561 652025.44
4188339.60 3.15166
652016.02 4188316.97 3.15661 652006.59
4188294.33 3.16895
651997.17 4188271.69 3.18578 651987.74
4188249.05 3.20335
651978.32 4188226.42 3.21798 651968.90
4188203.78 3.22673
651959.47 4188181.14 3.22769 651950.05
4188158.50 3.22031
651940.62 4188135.86 3.20484 651931.20
4188113.23 3.18216
651921.78 4188090.59 3.15317 651912.35
4188067.95 3.11860
651902.93 4188045.31 3.07913 651893.51
4188022.67 3.03531
651884.08 4188000.04 2.98792 651874.66
4187977.40 2.93802
651865.23 4187954.76 2.88681 651855.81
4187932.12 2.83562
652103.56 4189705.43 1.76191 652094.10
4189682.71 1.78019
652084.64 4189659.99 1.79641 652075.18
4189637.27 1.81067
652065.72 4189614.55 1.82310 652056.26
4189591.83 1.83385
652046.80 4189569.11 1.84308 652037.35
4189546.39 1.85093
652027.89 4189523.66 1.85754 652018.43
4189500.94 1.86309
652008.97 4189478.22 1.86784 651999.51
4189455.50 1.87213

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651914.39	4189251.01	1.93992	651904.93	4189228.29	1.95194
651895.47	4189205.57	1.96427	651886.01	4189182.85	1.97679
651876.55	4189160.13	1.98943	651867.09	4189137.41	2.00221
651857.63	4189114.69	2.01514	651848.18	4189091.97	2.02819
651838.72	4189069.25	2.04112	651829.26	4189046.53	2.05364
651819.80	4189023.80	2.06535	651810.34	4189001.08	2.07586
651800.88	4188978.36	2.08495	651791.43	4188955.64	2.09285
651781.97	4188932.92	2.09843	651772.51	4188910.20	2.10103
651763.05	4188887.48	2.10606	651753.59	4188864.76	2.11252

651744.13 4188842.04 2.11972 651734.67
4188819.32 2.12822
651725.22 4188796.60 2.13822 651715.76
4188773.87 2.14961
651706.30 4188751.15 2.16157 651696.84
4188728.43 2.17350
651687.38 4188705.71 2.18459 651677.92
4188682.99 2.19376
651668.47 4188660.27 2.19960 651659.01
4188637.55 2.20104
651649.55 4188614.83 2.19743 651640.09
4188592.11 2.18903
651630.63 4188569.39 2.17682 651621.17
4188546.67 2.16242
651611.71 4188523.94 2.14768 651602.26
4188501.22 2.13472
651592.80 4188478.50 2.12494 651583.34
4188455.78 2.11938
651573.88 4188433.06 2.11903 651564.42
4188410.34 2.12356
651554.96 4188387.62 2.13208 651545.51
4188364.90 2.14314
651536.05 4188342.18 2.15536 651526.59
4188319.46 2.16718
651517.13 4188296.74 2.17700 651507.67
4188274.01 2.18383
651498.21 4188251.29 2.18693 651488.75
4188228.57 2.18580
651479.30 4188205.85 2.18053 651469.84
4188183.13 2.17187
651460.38 4188160.41 2.16036 651450.92
4188137.69 2.14600
651441.46 4188114.97 2.12913 651432.00
4188092.25 2.10992
651422.55 4188069.53 2.08847 651413.09
4188046.81 2.06487
651403.63 4188024.08 2.03933 651394.17
4188001.36 2.01215
651384.71 4187978.64 1.98400 651375.25
4187955.92 1.95539
651365.79 4187933.20 1.92707 651356.34
4187910.48 1.89915
652117.39 4189725.08 1.74740 651767.05
4190075.27 1.28792
651757.62 4190052.61 1.29928 651748.18
4190029.95 1.30947
651738.75 4190007.29 1.31860 651729.32
4189984.63 1.32671
651719.89 4189961.97 1.33390 651710.45
4189939.31 1.34024

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651701.02	4189916.65	1.34584	651691.59	4189893.99	1.35072
651682.15	4189871.33	1.35493	651672.72	4189848.67	1.35849
651663.29	4189826.01	1.36140	651653.85	4189803.35	1.36375
651644.42	4189780.69	1.36571	651634.99	4189758.03	1.36746
651625.56	4189735.37	1.36926	651616.12	4189712.71	1.37153
651606.69	4189690.05	1.37425	651597.26	4189667.39	1.37752
651587.82	4189644.74	1.38149	651578.39	4189622.08	1.38625
651568.96	4189599.42	1.39169	651559.53	4189576.76	1.39787
651550.09	4189554.10	1.40472	651540.66	4189531.44	1.41195
651531.23	4189508.78	1.41942	651521.79	4189486.12	1.42697
651512.36	4189463.46	1.43449	651502.93	4189440.80	1.44191
651493.49	4189418.14	1.44925	651484.06	4189395.48	1.45654
651474.63	4189372.82	1.46384	651465.20	4189350.16	1.47124

651455.76 4189327.50 1.47871 651446.33
4189304.84 1.48624
651436.90 4189282.18 1.49364 651427.46
4189259.52 1.50077
651418.03 4189236.86 1.50739 651408.60
4189214.20 1.51334
651399.17 4189191.54 1.51846 651389.73
4189168.88 1.52276
651380.30 4189146.22 1.52632 651370.87
4189123.57 1.52939
651361.43 4189100.91 1.53228 651352.00
4189078.25 1.53519
651342.57 4189055.59 1.53844 651333.13
4189032.93 1.54236
651323.70 4189010.27 1.54702 651314.27
4188987.61 1.55258
651304.84 4188964.95 1.55894 651295.40
4188942.29 1.56619
651285.97 4188919.63 1.57418 651276.54
4188896.97 1.58264
651267.10 4188874.31 1.59119 651257.67
4188851.65 1.59914
651248.24 4188828.99 1.60561 651238.81
4188806.33 1.60994
651229.37 4188783.67 1.61170 651219.94
4188761.01 1.61080
651210.51 4188738.35 1.60648 651201.07
4188715.69 1.59882
651191.64 4188693.03 1.58946 651182.21
4188670.37 1.57895
651172.77 4188647.71 1.56822 651163.34
4188625.05 1.55829
651153.91 4188602.40 1.55010 651144.48
4188579.74 1.54412
651135.04 4188557.08 1.54045 651125.61
4188534.42 1.53990
651116.18 4188511.76 1.54227 651106.74
4188489.10 1.54711
651097.31 4188466.44 1.55369 651087.88
4188443.78 1.56215
651078.45 4188421.12 1.57097 651069.01
4188398.46 1.57942
651059.58 4188375.80 1.58718 651050.15
4188353.14 1.59283
651040.71 4188330.48 1.59638 651031.28
4188307.82 1.59785
651021.85 4188285.16 1.59725 651012.42
4188262.50 1.59474
651002.98 4188239.84 1.59036 650993.55
4188217.18 1.58460

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
651430.52	4190445.04	0.99010	651421.06	4190422.33	0.99775
651411.61	4190399.61	1.00470	651402.15	4190376.90	1.01099
651392.70	4190354.19	1.01663	651383.24	4190331.47	1.02168
651373.78	4190308.76	1.02627	651364.33	4190286.04	1.03049
651354.87	4190263.33	1.03431	651345.42	4190240.61	1.03774

651335.96 4190217.90 1.04079 651326.51
4190195.18 1.04346
651317.05 4190172.47 1.04577 651307.59
4190149.75 1.04772
651298.14 4190127.04 1.04933 651288.68
4190104.32 1.05066
651279.23 4190081.61 1.05181 651269.77
4190058.90 1.05286
651260.31 4190036.18 1.05395 651250.86
4190013.47 1.05521
651241.40 4189990.75 1.05674 651231.95
4189968.04 1.05862
651222.49 4189945.32 1.06092 651213.04
4189922.61 1.06370
651203.58 4189899.89 1.06695 651194.12
4189877.18 1.07061
651184.67 4189854.46 1.07464 651175.21
4189831.75 1.07907
651165.76 4189809.03 1.08381 651156.30
4189786.32 1.08871
651146.84 4189763.61 1.09374 651137.39
4189740.89 1.09852
651127.93 4189718.18 1.10298 651118.48
4189695.46 1.10796
651109.02 4189672.75 1.11263 651099.57
4189650.03 1.11673
651090.11 4189627.32 1.12103 651080.65
4189604.60 1.12574
651071.20 4189581.89 1.13093 651061.74
4189559.17 1.13543
651052.29 4189536.46 1.14054 651042.83
4189513.74 1.14530
651033.37 4189491.03 1.15022 651023.92
4189468.31 1.15517
651014.46 4189445.60 1.15897 651005.01
4189422.89 1.16204
650995.55 4189400.17 1.16582 650986.09
4189377.46 1.16887
650976.64 4189354.74 1.17129 650967.18
4189332.03 1.17322
650957.73 4189309.31 1.17480 650948.27
4189286.60 1.17618
650938.82 4189263.88 1.17782 650929.36
4189241.17 1.18080
650919.90 4189218.45 1.18321 650910.45
4189195.74 1.18564
650900.99 4189173.02 1.18946 650891.54
4189150.31 1.19376
650882.08 4189127.60 1.19836 650872.62
4189104.88 1.20401

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         650863.17    4189082.17        1.20721                      650853.71
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         650844.26    4189036.74        1.22009                      650834.80
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         650825.35    4188991.31        1.23244                      650815.89
4188968.59        1.23697
         650806.43    4188945.88        1.24006                      650796.98
4188923.16        1.24121
         650787.52    4188900.45        1.24003                      650778.07
4188877.73        1.23622
         650768.61    4188855.02        1.23152                      650759.15
4188832.31        1.22611
         650749.70    4188809.59        1.21916                      650740.24
4188786.88        1.21123
         650730.79    4188764.16        1.20322                      650721.33
4188741.45        1.19599
         650711.87    4188718.73        1.19007                      650702.42
4188696.02        1.18569
         650692.96    4188673.30        1.18271                      650683.51
4188650.59        1.18123
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 463
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         650674.05    4188627.87        1.18145                      650664.60
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         650655.14    4188582.44        1.18671                      650645.68
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         650636.23    4188537.02        1.19639                      650626.77
4188514.30        1.20196
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4188468.87 1.21317
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4188423.44 1.22321
650579.49 4188400.73 1.22660 650570.04
4188378.01 1.22874
650560.58 4188355.30 1.22928 650551.13
4188332.58 1.22848
650541.67 4188309.87 1.22648 650532.21
4188287.15 1.22357
650522.76 4188264.44 1.21954 650513.30
4188241.72 1.21472
650503.85 4188219.01 1.20919 650494.39
4188196.30 1.20294
650484.93 4188173.58 1.19610 650475.48
4188150.87 1.18865
650466.02 4188128.15 1.18026 650456.57
4188105.44 1.17129
650447.11 4188082.72 1.16159 650437.65
4188060.01 1.15123
650428.20 4188037.29 1.14030 650418.74
4188014.58 1.12868
650409.29 4187991.86 1.11703 650399.83
4187969.15 1.10492
650390.38 4187946.43 1.09204 650380.92
4187923.72 1.07987
650371.46 4187901.01 1.06770 650362.01
4187878.29 1.05657
650352.55 4187855.58 1.04559 651094.01
4190814.87 0.79083
651084.57 4190792.20 0.79625 651075.14
4190769.53 0.80122
651065.70 4190746.86 0.80574 651056.26
4190724.19 0.80982
651046.82 4190701.52 0.81352 651037.39
4190678.85 0.81688
651027.95 4190656.18 0.81995 651018.51
4190633.51 0.82278
651009.08 4190610.84 0.82536 650999.64
4190588.17 0.82773
650990.20 4190565.50 0.82991 650980.76
4190542.83 0.83191
650971.33 4190520.16 0.83369 650961.89
4190497.49 0.83524
650952.45 4190474.82 0.83656 650943.01
4190452.15 0.83764
650933.58 4190429.48 0.83852 650924.14
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4190361.47 0.84038

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4190270.79        0.84375
         650858.08    4190248.12        0.84520                       650848.64
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         650839.20    4190202.78        0.84908                       650829.77
4190180.11        0.85147
         650820.33    4190157.44        0.85416                       650810.89
4190134.77        0.85711
         650801.46    4190112.10        0.86028                       650792.02
4190089.43        0.86362
         650782.58    4190066.76        0.86708                       650773.14
4190044.09        0.87055
         650763.71    4190021.42        0.87401                       650754.27
4189998.75        0.87740
         650744.83    4189976.08        0.88066                       650735.39
4189953.41        0.88375
         650725.96    4189930.74        0.88681                       650716.52
4189908.07        0.88979
         650707.08    4189885.40        0.89264                       650697.65
4189862.73        0.89564
         650688.21    4189840.06        0.89883                       650678.77
4189817.39        0.90179
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 464
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         650669.33    4189794.72        0.90487                       650659.90
4189772.05        0.90799
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650631.58 4189704.04 0.91733 650622.15
4189681.37 0.91924
650612.71 4189658.70 0.92204 650603.27
4189636.03 0.92600
650593.83 4189613.36 0.92816 650584.40
4189590.69 0.93014
650574.96 4189568.02 0.93166 650565.52
4189545.35 0.93240
650556.09 4189522.68 0.93348 650546.65
4189500.01 0.93418
650537.21 4189477.34 0.93525 650527.77
4189454.67 0.93650
650518.34 4189432.00 0.93786 650508.90
4189409.33 0.93948
650499.46 4189386.66 0.94142 650490.02
4189363.99 0.94365
650480.59 4189341.32 0.94622 650471.15
4189318.65 0.94916
650461.71 4189295.98 0.95252 650452.28
4189273.31 0.95626
650442.84 4189250.64 0.96036 650433.40
4189227.97 0.96494
650423.96 4189205.30 0.96941 650414.53
4189182.63 0.97398
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4189137.29 0.98240
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4189091.95 0.98811
650367.34 4189069.28 0.98936 650357.90
4189046.61 0.98926
650348.47 4189023.94 0.98780 650339.03
4189001.27 0.98498
650329.59 4188978.60 0.98094 650320.15
4188955.93 0.97590
650310.72 4188933.26 0.97015 650301.28
4188910.59 0.96401
650291.84 4188887.92 0.95821 650282.40
4188865.25 0.95199
650272.97 4188842.58 0.94646 650263.53
4188819.91 0.94202
650254.09 4188797.24 0.93883 650244.66
4188774.57 0.93630
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4188729.23 0.93540
650216.34 4188706.56 0.93693 650206.91
4188683.89 0.93879
650197.47 4188661.22 0.94190 650188.03
4188638.55 0.94583

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4188593.21        0.95527
         650159.72    4188570.54        0.96052                       650150.28
4188547.87        0.96541
         650140.85    4188525.20        0.96972                       650131.41
4188502.53        0.97340
         650121.97    4188479.86        0.97638                       650112.53
4188457.19        0.97833
         650103.10    4188434.52        0.97929                       650093.66
4188411.85        0.97936
         650084.22    4188389.18        0.97882                       650074.78
4188366.51        0.97757
         650065.35    4188343.84        0.97588                       650055.91
4188321.17        0.97281
         650046.47    4188298.50        0.96926                       650037.03
4188275.83        0.96586
         650027.60    4188253.16        0.96166                       650018.16
4188230.49        0.95733
         650008.72    4188207.82        0.95264                       649999.29
4188185.15        0.94760
         649989.85    4188162.48        0.94215                       649980.41
4188139.81        0.93674
         649970.97    4188117.14        0.93086                       649961.54
4188094.47        0.92387
         649952.10    4188071.80        0.91660                       649942.66
4188049.13        0.90875
         649933.22    4188026.46        0.90048                       649923.79
4188003.79        0.89196
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 465
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
```

- - - -

653930.13 4187328.38 359.12734 (17122319) 653950.13 4187328.38 355.74834 (17012804)
653970.13 4187328.38 356.09391 (17122518) 653990.13 4187328.38 348.00604 (17122920)
654010.13 4187328.38 328.89078 (17012903) 654030.13 4187328.38 326.18622 (17012903)
654050.13 4187328.38 306.30155 (17020801) 654070.13 4187328.38 321.89618 (17020801)
654090.13 4187328.38 317.32292 (17020801) 654110.13 4187328.38 294.45747 (17020801)
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654170.13 4187328.38 278.19530 (17120120) 654190.13 4187328.38 260.58141 (17120120)
654210.13 4187328.38 256.48257 (17011508) 654230.13 4187328.38 247.96153 (17011508)
654250.13 4187328.38 234.82785 (17012908) 654270.13 4187328.38 244.16238 (17012908)
654290.13 4187328.38 244.48856 (17012908) 654310.13 4187328.38 236.32596 (17012908)
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654370.13 4187328.38 196.91569 (17120121) 654390.13 4187328.38 188.64723 (17013019)
654410.13 4187328.38 186.26553 (17013019) 654430.13 4187328.38 177.87196 (17013019)
654450.13 4187328.38 187.65568 (17122320) 654470.13 4187328.38 194.47546 (17122320)
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653710.13 4187348.38 448.12363 (17123009) 653730.13 4187348.38 410.03077 (17123009)
653750.13 4187348.38 375.84516 (15011509) 653770.13 4187348.38 370.28535 (17120822)
653790.13 4187348.38 403.93825 (17122917) 653810.13 4187348.38 409.29944 (17122917)
653830.13 4187348.38 376.91439 (17122917) 653850.13 4187348.38 384.96970 (17013024)
653870.13 4187348.38 384.13629 (17013024) 653890.13 4187348.38 384.24969 (17012520)
653910.13 4187348.38 371.07574 (17122319) 653930.13 4187348.38 376.25135 (17012804)
653950.13 4187348.38 371.00729 (17122518) 653970.13 4187348.38 368.53205 (17122920)
653990.13 4187348.38 352.78632 (17122920) 654010.13 4187348.38 344.40039 (17012903)
654030.13 4187348.38 330.94541 (17012903) 654050.13 4187348.38 331.17260 (17020801)
654070.13 4187348.38 335.54541 (17020801) 654090.13 4187348.38 318.67358 (17020801)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654470.13	4187348.38	205.51453	(17122320)	654490.13	4187348.38	202.58969	(17122320)
653690.13	4187368.38	457.98515	(17123009)	653710.13	4187368.38	467.67759	(17123009)
653730.13	4187368.38	426.25537	(17123009)	653750.13	4187368.38	392.17056	(15011509)
653770.13	4187368.38	388.43567	(17120822)	653790.13	4187368.38	425.14688	(17122917)
653810.13	4187368.38	424.29109	(17122917)	653830.13	4187368.38	383.23955	(17122917)

653850.13 4187368.38 405.17910 (17013024) 653870.13 4187368.38 400.97876 (17012520)
653890.13 4187368.38 395.84013 (17012520) 653910.13 4187368.38 391.56904 (17122319)
653930.13 4187368.38 391.41690 (17012804) 653950.13 4187368.38 389.07870 (17122518)
653970.13 4187368.38 381.28359 (17122920) 653990.13 4187368.38 357.89518 (17012903)
654010.13 4187368.38 355.47704 (17012903) 654030.13 4187368.38 336.29332 (17020801)
654050.13 4187368.38 351.37422 (17020801) 654070.13 4187368.38 342.50572 (17020801)
654090.13 4187368.38 312.72982 (17020801) 654110.13 4187368.38 302.65730 (17120120)
654130.13 4187368.38 308.03163 (17120120) 654150.13 4187368.38 296.32525 (17120120)
654170.13 4187368.38 279.29380 (17011508) 654190.13 4187368.38 275.79153 (17011508)
654210.13 4187368.38 258.23024 (17011508) 654230.13 4187368.38 264.62435 (17012908)
654250.13 4187368.38 267.31481 (17012908) 654270.13 4187368.38 259.67191 (17012908)
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654330.13 4187368.38 214.44225 (17120121) 654350.13 4187368.38 205.86477 (17013019)
654370.13 4187368.38 202.05000 (17013019) 654390.13 4187368.38 197.02934 (17122320)
654410.13 4187368.38 207.99212 (17122320) 654430.13 4187368.38 213.84263 (17122320)
654450.13 4187368.38 214.50169 (17122320) 654470.13 4187368.38 210.26270 (17122320)
654490.13 4187368.38 201.71578 (17122320) 653690.13 4187388.38 478.12813 (17123009)
653710.13 4187388.38 488.78577 (17123009) 653730.13 4187388.38 443.52696 (17123009)
653750.13 4187388.38 409.47423 (15011509) 653770.13 4187388.38 409.72127 (17122917)
653790.13 4187388.38 447.28815 (17122917) 653810.13 4187388.38 438.99619 (17122917)
653830.13 4187388.38 405.00437 (17013024) 653850.13 4187388.38 424.74259 (17013024)
653870.13 4187388.38 421.91940 (17012520) 653890.13 4187388.38 404.46611 (17012520)
653910.13 4187388.38 408.77518 (17122319) 653930.13 4187388.38 402.25168 (17012804)
653950.13 4187388.38 402.45263 (17122518) 653970.13 4187388.38 388.76843 (17122920)
653990.13 4187388.38 376.32810 (17012903) 654010.13 4187388.38 361.06055 (17012903)

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        654030.13   4187388.38      363.70164  (17020801)                654050.13
4187388.38      365.06531  (17020801)
        654070.13   4187388.38      341.57158  (17020801)                654090.13
4187388.38      310.71940  (17120120)
        654110.13   4187388.38      322.52110  (17120120)                654130.13
4187388.38      315.19421  (17120120)
        654150.13   4187388.38      291.15933  (17120120)                654170.13
4187388.38      290.67271  (17011508)
        654190.13   4187388.38      274.64250  (17011508)                654210.13
4187388.38      275.73129  (17012908)
        654230.13   4187388.38      279.95695  (17012908)                654250.13
4187388.38      272.74416  (17012908)
        654270.13   4187388.38      255.69048  (17012908)                654290.13
4187388.38      240.81824  (17120121)
        654310.13   4187388.38      224.23085  (17120121)                654330.13
4187388.38      215.46362  (17013019)
        654350.13   4187388.38      210.75410  (17013019)                654370.13
4187388.38      208.43735  (17122320)
        654390.13   4187388.38      219.26093  (17122320)                654410.13
4187388.38      224.41883  (17122320)
♠ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 468
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        654430.13   4187388.38      223.91291  (17122320)                654450.13
4187388.38      218.15898  (17122320)
        654470.13   4187388.38      207.89438  (17122320)                654490.13
4187388.38      205.05410  (17121219)
        653690.13   4187408.38      499.87643  (17123009)                653710.13
4187408.38      511.57610  (17123009)
        653730.13   4187408.38      461.98420  (17123009)                653750.13
4187408.38      427.94144  (15011509)
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4187408.38 432.63196 (17013024)
653850.13 4187408.38 443.20830 (17013024) 653870.13
4187408.38 441.02577 (17012520)
653890.13 4187408.38 424.41535 (17122319) 653910.13
4187408.38 430.50823 (17012804)
653930.13 4187408.38 425.98284 (17122518) 653950.13
4187408.38 419.62432 (17122920)
653970.13 4187408.38 391.53780 (17012903) 653990.13
4187408.38 389.57369 (17012903)
654010.13 4187408.38 371.18754 (17020801) 654030.13
4187408.38 385.18502 (17020801)
654050.13 4187408.38 370.52462 (17020801) 654070.13
4187408.38 331.96425 (17020801)
654090.13 4187408.38 336.24020 (17120120) 654110.13
4187408.38 334.47819 (17120120)
654130.13 4187408.38 313.25433 (17120120) 654150.13
4187408.38 306.13041 (17011508)
654170.13 4187408.38 292.20666 (17011508) 654190.13
4187408.38 287.45883 (17012908)
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654250.13 4187408.38 269.24742 (17012908) 654270.13
4187408.38 252.59161 (17120121)
654290.13 4187408.38 234.80621 (17120121) 654310.13
4187408.38 225.81727 (17013019)
654330.13 4187408.38 220.06687 (17013019) 654350.13
4187408.38 220.77823 (17122320)
654370.13 4187408.38 231.34659 (17122320) 654390.13
4187408.38 235.63372 (17122320)
654410.13 4187408.38 233.74934 (17122320) 654430.13
4187408.38 226.25720 (17122320)
654450.13 4187408.38 214.06383 (17122320) 654470.13
4187408.38 215.31413 (17121219)
654490.13 4187408.38 213.29440 (17121219) 653690.13
4187428.38 523.29906 (17123009)
653710.13 4187428.38 536.18255 (17123009) 653730.13
4187428.38 481.79341 (17123009)
653750.13 4187428.38 447.59193 (15011509) 653770.13
4187428.38 465.32638 (17122917)
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4187428.38 466.56365 (17122917)
653830.13 4187428.38 460.69155 (17013024) 653850.13
4187428.38 459.99727 (17013024)
653870.13 4187428.38 457.47267 (17012520) 653890.13
4187428.38 449.99296 (17122319)
653910.13 4187428.38 447.98671 (17012804) 653930.13
4187428.38 445.20013 (17122518)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654390.13	4187428.38	244.00953	(17122320)	654410.13	4187428.38	234.52487	(17122320)
654430.13	4187428.38	224.94668	(17121219)	654450.13	4187428.38	225.85531	(17121219)
654470.13	4187428.38	221.95220	(17121219)	654490.13	4187428.38	213.80894	(17121219)

653690.13 4187448.38 548.64311 (17123009) 653710.13 4187448.38 562.94690 (17123009)
653730.13 4187448.38 502.97541 (17123009) 653750.13 4187448.38 468.54438 (15011509)
653770.13 4187448.38 496.22130 (17122917) 653790.13 4187448.38 518.16806 (17122917)
653810.13 4187448.38 478.79756 (17122917) 653830.13 4187448.38 488.71458 (17013024)
653850.13 4187448.38 485.65677 (17012520) 653870.13 4187448.38 470.32079 (17012520)
653890.13 4187448.38 472.55389 (17012804) 653910.13 4187448.38 467.29982 (17122518)
653930.13 4187448.38 464.18938 (17122920) 653950.13 4187448.38 434.60831 (17122920)
653970.13 4187448.38 429.67229 (17012903) 653990.13 4187448.38 412.32583 (17020801)
654010.13 4187448.38 424.16346 (17020801) 654030.13 4187448.38 401.65033 (17020801)
654050.13 4187448.38 359.28487 (17120120) 654070.13 4187448.38 373.01346 (17120120)
654090.13 4187448.38 361.14798 (17120120) 654110.13 4187448.38 338.35658 (17011508)
654130.13 4187448.38 330.94903 (17011508) 654150.13 4187448.38 312.87006 (17012908)
654170.13 4187448.38 323.74867 (17012908) 654190.13 4187448.38 318.89133 (17012908)
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654330.13 4187448.38 258.24697 (17122320) 654350.13 4187448.38 260.11761 (17122320)
654370.13 4187448.38 254.68612 (17122320) 654390.13 4187448.38 242.91921 (17122320)
654410.13 4187448.38 237.57562 (17121219) 654430.13 4187448.38 236.61634 (17121219)
654450.13 4187448.38 230.52995 (17121219) 654470.13 4187448.38 220.06550 (17121219)
654490.13 4187448.38 217.96315 (17121320) 653690.13 4187468.38 576.21068 (17123009)
653710.13 4187468.38 592.07528 (17123009) 653730.13 4187468.38 527.30971 (17011719)
653750.13 4187468.38 490.93533 (15011509) 653770.13 4187468.38 529.23394 (17122917)
653790.13 4187468.38 542.77724 (17122917) 653810.13 4187468.38 489.41842 (17122917)
653830.13 4187468.38 516.08414 (17013024) 653850.13 4187468.38 512.58379 (17012520)

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        653870.13   4187468.38      492.22046  (17122319)                653890.13
4187468.38      499.22260  (17012804)
        653910.13   4187468.38      494.42561  (17122518)                653930.13
4187468.38      480.52479  (17122920)
        653950.13   4187468.38      457.87677  (17012903)                653970.13
4187468.38      437.67127  (17012903)
        653990.13   4187468.38      445.84197  (17020801)                654010.13
4187468.38      436.49872  (17020801)
        654030.13   4187468.38      392.93115  (17020801)                654050.13
4187468.38      391.26087  (17120120)
        654070.13   4187468.38      386.57841  (17120120)                654090.13
4187468.38      356.15160  (17120120)
        654110.13   4187468.38      352.15317  (17011508)                654130.13
4187468.38      326.57979  (17012908)
        654150.13   4187468.38      340.61087  (17012908)                654170.13
4187468.38      337.05271  (17012908)
        654190.13   4187468.38      317.77017  (17012908)                654210.13
4187468.38      294.54613  (17120121)
        654230.13   4187468.38      272.26216  (17120121)                654250.13
4187468.38      262.32353  (17013019)
        654270.13   4187468.38      252.26679  (17013019)                654290.13
4187468.38      264.41849  (17122320)
        654310.13   4187468.38      273.21603  (17122320)                654330.13
4187468.38      273.44821  (17122320)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 470
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        654350.13   4187468.38      265.75766  (17122320)                654370.13
4187468.38      251.38130  (17122320)
        654390.13   4187468.38      250.69534  (17121219)                654410.13
4187468.38      247.50895  (17121219)
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654430.13 4187468.38 238.91077 (17121219) 654450.13 4187468.38 231.44311 (17121320)
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653690.13 4187488.38 606.12467 (17123009) 653710.13 4187488.38 623.78832 (17123009)
653730.13 4187488.38 554.03949 (17011719) 653750.13 4187488.38 514.71962 (15011509)
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653810.13 4187488.38 525.37795 (17013024) 653830.13 4187488.38 542.00924 (17013024)
653850.13 4187488.38 536.51691 (17012520) 653870.13 4187488.38 524.98401 (17122319)
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654370.13 4187488.38 264.24274 (17121219) 654390.13 4187488.38 258.42213 (17121219)
654410.13 4187488.38 246.95121 (17121219) 654430.13 4187488.38 242.77786 (17121320)
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654490.13 4187488.38 249.19493 (17011509) 653690.13 4187508.38 638.85071 (17123009)
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653750.13 4187508.38 544.22397 (17120822) 653770.13 4187508.38 601.97606 (17122917)

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        653790.13   4187508.38      591.58199  (17122917)               653810.13
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        653830.13   4187508.38      565.75038  (17012520)               653850.13
4187508.38      555.91202  (17012520)
        653870.13   4187508.38      555.42187  (17012804)               653890.13
4187508.38      550.80064  (17122518)
        653910.13   4187508.38      539.62388  (17122920)               653930.13
4187508.38      510.76714  (17012903)
        653950.13   4187508.38      487.18362  (17012903)               653970.13
4187508.38      498.37487  (17020801)
        653990.13   4187508.38      479.91353  (17020801)               654010.13
4187508.38      422.31047  (17120120)
        654030.13   4187508.38      438.38185  (17120120)               654050.13
4187508.38      419.28185  (17120120)
        654070.13   4187508.38      398.00457  (17011508)               654090.13
4187508.38      378.08842  (17011508)
        654110.13   4187508.38      378.36776  (17012908)               654130.13
4187508.38      378.62378  (17012908)
        654150.13   4187508.38      358.54421  (17012908)               654170.13
4187508.38      329.62650  (17120121)
        654190.13   4187508.38      303.32166  (17120121)               654210.13
4187508.38      292.37445  (17013019)
        654230.13   4187508.38      283.21614  (17122320)               654250.13
4187508.38      300.30103  (17122320)
        654270.13   4187508.38      306.60490  (17122320)               654290.13
4187508.38      302.39640  (17122320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 471
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        654310.13   4187508.38      288.94833  (17122320)               654330.13
4187508.38      280.01173  (17121219)
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654350.13 4187508.38 278.12834 (17121219) 654370.13 4187508.38 269.21390 (17121219)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 472
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

- - - -

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4187628.38 456.32704 (17122320)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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654230.13	4187628.38	381.62950	(17011509)	654250.13	4187628.38	392.73566	(17011509)
654270.13	4187628.38	393.82853	(17011509)	654290.13	4187628.38	385.84186	(17011509)
654310.13	4187628.38	370.19757	(17011509)	654330.13	4187628.38	348.57837	(17011509)
654350.13	4187628.38	322.73291	(17011509)	654370.13	4187628.38	294.30787	(17011509)
654390.13	4187628.38	264.75795	(17011509)	654410.13	4187628.38	235.28675	(17011509)
654430.13	4187628.38	209.22979	(17122619)	654450.13	4187628.38	209.40485	(17122619)
654470.13	4187628.38	207.26098	(17122619)	654490.13	4187628.38	203.07093	(17122619)
653690.13	4187648.38	981.38911	(17123009)	653710.13	4187648.38	1030.63618	(17123009)
653730.13	4187648.38	882.34023	(15011509)	653750.13	4187648.38	949.91901	(17122917)
653770.13	4187648.38	901.46778	(17122917)	653790.13	4187648.38	902.99287	(17013024)
653810.13	4187648.38	863.86638	(17122319)	653830.13	4187648.38	868.00497	(17012804)
653850.13	4187648.38	853.58857	(17122920)	653870.13	4187648.38	804.80664	(17012903)
653890.13	4187648.38	793.93893	(17020801)	653910.13	4187648.38	747.07593	(17020801)
653930.13	4187648.38	702.23597	(17120120)	653950.13	4187648.38	665.48956	(17120120)
653970.13	4187648.38	626.11292	(17011508)	653990.13	4187648.38	610.32344	(17012908)
654010.13	4187648.38	598.14291	(17012908)	654030.13	4187648.38	537.32246	(17012908)
654050.13	4187648.38	480.57208	(17120121)	654070.13	4187648.38	458.95413	(17013019)
654090.13	4187648.38	489.83842	(17122320)	654110.13	4187648.38	491.88991	(17122320)
654130.13	4187648.38	467.95569	(17122320)	654150.13	4187648.38	451.97091	(17121219)
654170.13	4187648.38	437.78240	(17121219)	654190.13	4187648.38	416.50677	(17121320)
654210.13	4187648.38	421.64486	(17011509)	654230.13	4187648.38	427.29803	(17011509)
654250.13	4187648.38	421.74494	(17011509)	654270.13	4187648.38	406.57511	(17011509)

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4187648.38      223.95702  (17122619)
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4187648.38      211.40167  (17122619)
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4187668.38      950.52931  (17013024)
        653790.13   4187668.38      974.43781  (17012520)                653810.13
4187668.38      949.02169  (17122319)
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        653870.13   4187668.38      837.57645  (17020801)                653890.13
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4187668.38      587.24043  (17012908)
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        654070.13   4187668.38      535.55365  (17122320)                654090.13
4187668.38      530.91041  (17122320)
        654110.13   4187668.38      497.00582  (17122320)                654130.13
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                 PAGE 475
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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654230.13	4187668.38	448.39293	(17011509)	654250.13	4187668.38	424.67279	(17011509)
654270.13	4187668.38	393.83254	(17011509)	654290.13	4187668.38	358.48338	(17011509)
654310.13	4187668.38	320.96082	(17011509)	654330.13	4187668.38	283.19436	(17011509)
654350.13	4187668.38	247.89286	(17122619)	654370.13	4187668.38	246.99658	(17122619)
654390.13	4187668.38	242.96692	(17122619)	654410.13	4187668.38	236.25980	(17122619)
654430.13	4187668.38	227.36253	(17122619)	654450.13	4187668.38	216.75988	(17122619)
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653690.13	4187688.38	1134.47211	(17123009)	653710.13	4187688.38	1199.14820	(17123009)
653730.13	4187688.38	1025.00559	(15011509)	653750.13	4187688.38	1118.00338	(17122917)
653770.13	4187688.38	1052.53937	(17013024)	653790.13	4187688.38	1050.82135	(17012520)
653810.13	4187688.38	1031.90086	(17012804)	653830.13	4187688.38	1011.28608	(17122920)
653850.13	4187688.38	947.72241	(17012903)	653870.13	4187688.38	936.83873	(17020801)
653890.13	4187688.38	849.60639	(17020801)	653910.13	4187688.38	826.66668	(17120120)
653930.13	4187688.38	758.07791	(17011508)	653950.13	4187688.38	716.30224	(17012908)
653970.13	4187688.38	717.20598	(17012908)	653990.13	4187688.38	645.32642	(17012908)
654010.13	4187688.38	566.47613	(17120121)	654030.13	4187688.38	560.67768	(17122320)
654050.13	4187688.38	587.37832	(17122320)	654070.13	4187688.38	573.62335	(17122320)
654090.13	4187688.38	538.16956	(17121219)	654110.13	4187688.38	525.96314	(17121219)
654130.13	4187688.38	496.11948	(17121320)	654150.13	4187688.38	504.04872	(17011509)
654170.13	4187688.38	508.14501	(17011509)	654190.13	4187688.38	496.68735	(17011509)

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        654250.13   4187688.38      399.17954  (17011509)                654270.13
4187688.38      356.47222  (17011509)
        654290.13   4187688.38      313.23391  (17011509)                654310.13
4187688.38      271.92043  (17122619)
        654330.13   4187688.38      270.18012  (17122619)                654350.13
4187688.38      264.75902  (17122619)
        654370.13   4187688.38      256.25619  (17122619)                654390.13
4187688.38      245.29641  (17122619)
        654410.13   4187688.38      232.49221  (17122619)                654430.13
4187688.38      221.77504  (17121906)
        654450.13   4187688.38      213.99002  (17121906)                654470.13
4187688.38      209.03692  (17020824)
        654490.13   4187688.38      205.10621  (17020824)                653690.13
4187708.38     1227.83224  (17123009)
        653710.13   4187708.38     1302.60272  (17123009)                653730.13
4187708.38     1107.62154  (15011509)
        653750.13   4187708.38     1206.53603  (17122917)                653770.13
4187708.38     1154.33004  (17013024)
        653790.13   4187708.38     1108.80685  (17012520)                653810.13
4187708.38     1112.07550  (17122620)
        653830.13   4187708.38     1054.89606  (17122920)                653850.13
4187708.38     1003.64049  (17020801)
        653870.13   4187708.38      988.01889  (17020801)                653890.13
4187708.38      913.04661  (17120120)
        653910.13   4187708.38      840.99134  (17120120)                653930.13
4187708.38      779.50827  (17011508)
        653950.13   4187708.38      791.68747  (17012908)                653970.13
4187708.38      713.57681  (17012908)
        653990.13   4187708.38      621.45416  (17013019)                654010.13
4187708.38      624.56223  (17122320)
        654030.13   4187708.38      646.30592  (17122320)                654050.13
4187708.38      620.19331  (17122320)
        654070.13   4187708.38      590.73590  (17121219)                654090.13
4187708.38      564.79493  (17121219)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 476
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654110.13	4187708.38	546.77782	(17011509)	654130.13	4187708.38	559.68473	(17011509)
654150.13	4187708.38	552.59719	(17011509)	654170.13	4187708.38	528.75657	(17011509)
654190.13	4187708.38	492.32775	(17011509)	654210.13	4187708.38	447.61761	(17011509)
654230.13	4187708.38	398.63527	(17011509)	654250.13	4187708.38	348.68609	(17011509)
654270.13	4187708.38	300.27126	(17011509)	654290.13	4187708.38	297.18960	(17122619)
654310.13	4187708.38	289.92914	(17122619)	654330.13	4187708.38	279.10680	(17122619)
654350.13	4187708.38	265.53455	(17122619)	654370.13	4187708.38	249.98897	(17122619)
654390.13	4187708.38	240.19223	(17121906)	654410.13	4187708.38	231.85132	(17020824)
654430.13	4187708.38	227.77529	(17020824)	654450.13	4187708.38	221.88959	(17020824)
654470.13	4187708.38	214.52016	(17020824)	654490.13	4187708.38	205.98237	(17020824)
653690.13	4187728.38	1338.57260	(17123009)	653710.13	4187728.38	1427.10086	(17123009)
653730.13	4187728.38	1232.45100	(17122917)	653750.13	4187728.38	1298.26864	(17122917)
653770.13	4187728.38	1252.75748	(17013024)	653790.13	4187728.38	1218.16861	(17122319)
653810.13	4187728.38	1209.10070	(17122920)	653830.13	4187728.38	1138.00784	(17012903)
653850.13	4187728.38	1122.67951	(17020801)	653870.13	4187728.38	995.54959	(17120120)
653890.13	4187728.38	965.74541	(17120120)	653910.13	4187728.38	884.43312	(17011508)
653930.13	4187728.38	879.29634	(17012908)	653950.13	4187728.38	794.66757	(17012908)
653970.13	4187728.38	688.26656	(17013019)	653990.13	4187728.38	699.73618	(17122320)
654010.13	4187728.38	713.45643	(17122320)	654030.13	4187728.38	670.59875	(17122320)
654050.13	4187728.38	647.46618	(17121219)	654070.13	4187728.38	605.78324	(17121320)
654090.13	4187728.38	617.26495	(17011509)	654110.13	4187728.38	617.61008	(17011509)

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        654130.13   4187728.38      595.60382  (17011509)               654150.13
4187728.38      556.46291  (17011509)
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4187728.38      449.27471  (17011509)
        654210.13   4187728.38      391.00325  (17011509)               654230.13
4187728.38      334.42298  (17011509)
        654250.13   4187728.38      328.96917  (17122619)               654270.13
4187728.38      319.24461  (17122619)
        654290.13   4187728.38      305.38954  (17122619)               654310.13
4187728.38      288.47332  (17122619)
        654330.13   4187728.38      271.78188  (17121906)               654350.13
4187728.38      260.84083  (17121906)
        654370.13   4187728.38      254.89770  (17020824)               654390.13
4187728.38      248.42816  (17020824)
        654410.13   4187728.38      240.02851  (17020824)               654430.13
4187728.38      230.12227  (17020824)
        654450.13   4187728.38      219.10151  (17020824)               654470.13
4187728.38      207.32136  (17020824)
        654490.13   4187728.38      195.09016  (17020824)               653690.13
4187748.38     1470.41774  (17123009)
        653710.13   4187748.38     1584.20569  (17123009)               653730.13
4187748.38     1404.61193  (17122917)
        653750.13   4187748.38     1391.85615  (17122917)               653770.13
4187748.38     1378.72324  (17122701)
        653790.13   4187748.38     1343.09704  (17012804)               653810.13
4187748.38     1290.42063  (17122920)
        653830.13   4187748.38     1231.39781  (17020801)               653850.13
4187748.38     1164.92029  (17020801)
        653870.13   4187748.38     1104.96195  (17120120)               653890.13
4187748.38     1006.07853  (17011508)
        653910.13   4187748.38      983.32162  (17012908)               653930.13
4187748.38      892.24159  (17012908)
        653950.13   4187748.38      767.96145  (17013019)               653970.13
4187748.38      788.95522  (17122320)
        653990.13   4187748.38      790.08433  (17122320)               654010.13
4187748.38      732.62053  (17121219)
        654030.13   4187748.38      707.60295  (17121219)               654050.13
4187748.38      680.42084  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654070.13	4187748.38	693.16696	(17011509)	654090.13	4187748.38	675.68402	(17011509)
654110.13	4187748.38	634.45336	(17011509)	654130.13	4187748.38	577.10137	(17011509)
654150.13	4187748.38	510.94543	(17011509)	654170.13	4187748.38	442.12493	(17011509)
654190.13	4187748.38	375.21892	(17011509)	654210.13	4187748.38	366.78031	(17122619)
654230.13	4187748.38	353.70824	(17122619)	654250.13	4187748.38	335.83593	(17122619)
654270.13	4187748.38	314.58486	(17122619)	654290.13	4187748.38	298.26237	(17121906)
654310.13	4187748.38	287.77272	(17020824)	654330.13	4187748.38	280.71208	(17020824)
654350.13	4187748.38	271.07863	(17020824)	654370.13	4187748.38	259.45691	(17020824)
654390.13	4187748.38	246.38601	(17020824)	654410.13	4187748.38	232.35020	(17020824)
654430.13	4187748.38	217.76577	(17020824)	654450.13	4187748.38	214.07030	(17011303)
654470.13	4187748.38	210.57100	(17011303)	654490.13	4187748.38	205.98775	(17011303)
653690.13	4187768.38	1619.24114	(17123009)	653710.13	4187768.38	1770.82912	(17123009)
653730.13	4187768.38	1616.59656	(17122917)	653750.13	4187768.38	1531.34321	(17013024)
653770.13	4187768.38	1504.78192	(17122701)	653790.13	4187768.38	1490.94733	(17122620)
653810.13	4187768.38	1401.47786	(17012903)	653830.13	4187768.38	1373.13891	(17020801)
653850.13	4187768.38	1254.48799	(17120120)	653870.13	4187768.38	1147.01536	(17011508)
653890.13	4187768.38	1107.54908	(17012908)	653910.13	4187768.38	1011.37655	(17012908)
653930.13	4187768.38	864.26415	(17013019)	653950.13	4187768.38	895.78903	(17122320)
653970.13	4187768.38	877.45766	(17122320)	653990.13	4187768.38	822.29455	(17121219)
654010.13	4187768.38	769.54202	(17121219)	654030.13	4187768.38	780.41575	(17011509)

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        654050.13   4187768.38      772.26999  (17011509)                654070.13
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        654090.13   4187768.38      665.44976  (17011509)                654110.13
4187768.38      587.36581  (17011509)
        654130.13   4187768.38      504.95255  (17011509)                654150.13
4187768.38      424.65545  (17011509)
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4187768.38      394.64428  (17122619)
        654210.13   4187768.38      371.36366  (17122619)                654230.13
4187768.38      344.86464  (17121906)
        654250.13   4187768.38      328.58979  (17121906)                654270.13
4187768.38      320.63125  (17020824)
        654290.13   4187768.38      309.52204  (17020824)                654310.13
4187768.38      295.71377  (17020824)
        654330.13   4187768.38      279.97344  (17020824)                654350.13
4187768.38      262.97954  (17020824)
        654370.13   4187768.38      245.31146  (17020824)                654390.13
4187768.38      241.74368  (17011303)
        654410.13   4187768.38      236.85300  (17011303)                654430.13
4187768.38      230.66714  (17011303)
        654450.13   4187768.38      223.44147  (17011303)                654470.13
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4187788.38     1792.45681  (17123009)
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4187788.38     1867.13008  (17122917)
        653750.13   4187788.38     1766.67806  (17013024)                653770.13
4187788.38     1680.04131  (17122319)
        653790.13   4187788.38     1637.66614  (17122920)                653810.13
4187788.38     1557.21764  (17020801)
        653830.13   4187788.38     1400.20861  (17120120)                653850.13
4187788.38     1320.12232  (17120120)
        653870.13   4187788.38     1257.08850  (17012908)                653890.13
4187788.38     1159.31048  (17012908)
        653910.13   4187788.38      982.39021  (17013019)                653930.13
4187788.38     1024.91786  (17122320)
        653950.13   4187788.38      976.68251  (17122320)                653970.13
4187788.38      921.63323  (17121219)
        653990.13   4187788.38      879.39914  (17011509)                654010.13
4187788.38      889.28019  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 478
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
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INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654030.13	4187788.38	850.50759	(17011509)	654050.13	4187788.38	777.07346	(17011509)
654070.13	4187788.38	683.83701	(17011509)	654090.13	4187788.38	583.52813	(17011509)
654110.13	4187788.38	485.53062	(17011509)	654130.13	4187788.38	468.07480	(17122619)
654150.13	4187788.38	443.83571	(17122619)	654170.13	4187788.38	413.14539	(17122619)
654190.13	4187788.38	385.43236	(17121906)	654210.13	4187788.38	370.93933	(17020824)
654230.13	4187788.38	358.08399	(17020824)	654250.13	4187788.38	341.44178	(17020824)
654270.13	4187788.38	322.13850	(17020824)	654290.13	4187788.38	301.16534	(17020824)
654310.13	4187788.38	280.83980	(17011303)	654330.13	4187788.38	275.89282	(17011303)
654350.13	4187788.38	269.00039	(17011303)	654370.13	4187788.38	260.55468	(17011303)
654390.13	4187788.38	250.91355	(17011303)	654410.13	4187788.38	240.39832	(17011303)
654430.13	4187788.38	229.29020	(17011303)	654450.13	4187788.38	219.99446	(17121319)
654470.13	4187788.38	216.08303	(17121319)	654490.13	4187788.38	211.44285	(17121319)
653690.13	4187808.38	2031.63965	(17122820)	653710.13	4187808.38	2252.27166	(17123009)
653730.13	4187808.38	2150.23220	(17122917)	653750.13	4187808.38	2005.70094	(17013024)
653770.13	4187808.38	1922.30860	(17122620)	653790.13	4187808.38	1810.89450	(17012903)
653810.13	4187808.38	1726.79870	(17020801)	653830.13	4187808.38	1579.52823	(17120120)
653850.13	4187808.38	1437.70575	(17012908)	653870.13	4187808.38	1346.35506	(17012908)
653890.13	4187808.38	1129.76835	(17013019)	653910.13	4187808.38	1182.43472	(17122320)
653930.13	4187808.38	1088.21239	(17122320)	653950.13	4187808.38	1028.78129	(17121219)

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        653970.13   4187808.38     1030.80111  (17011509)                653990.13
4187808.38     1002.60224  (17011509)
        654010.13   4187808.38      921.10983  (17011509)                654030.13
4187808.38      808.38881  (17011509)
        654050.13   4187808.38      683.91825  (17011509)                654070.13
4187808.38      561.85665  (17011509)
        654090.13   4187808.38      537.41002  (17122619)                654110.13
4187808.38      503.70980  (17122619)
        654130.13   4187808.38      462.66543  (17122619)                654150.13
4187808.38      435.77264  (17020824)
        654170.13   4187808.38      420.93166  (17020824)                654190.13
4187808.38      400.54055  (17020824)
        654210.13   4187808.38      376.34519  (17020824)                654230.13
4187808.38      349.84839  (17020824)
        654250.13   4187808.38      326.26161  (17011303)                654270.13
4187808.38      318.85600  (17011303)
        654290.13   4187808.38      309.00771  (17011303)                654310.13
4187808.38      297.29453  (17011303)
        654330.13   4187808.38      284.23267  (17011303)                654350.13
4187808.38      270.26659  (17011303)
        654370.13   4187808.38      256.89043  (17121319)                654390.13
4187808.38      251.64910  (17121319)
        654410.13   4187808.38      245.44128  (17121319)                654430.13
4187808.38      238.46918  (17121319)
        654450.13   4187808.38      230.91033  (17121319)                654470.13
4187808.38      222.92282  (17121319)
        654490.13   4187808.38      214.64294  (17121319)                653690.13
4187828.38     2382.05478  (17011609)
        653710.13   4187828.38     2589.20490  (17123009)                653730.13
4187828.38     2466.23945  (17122917)
        653750.13   4187828.38     2318.70541  (17122701)                653770.13
4187828.38     2236.91277  (17122920)
        653790.13   4187828.38     2086.22337  (17020801)                653810.13
4187828.38     1890.24396  (17120120)
        653830.13   4187828.38     1668.17405  (17011508)                653850.13
4187828.38     1586.77557  (17012908)
        653870.13   4187828.38     1326.31510  (17122320)                653890.13
4187828.38     1376.15108  (17122320)
        653910.13   4187828.38     1266.65045  (17121219)                653930.13
4187828.38     1199.11029  (17011509)
        653950.13   4187828.38     1197.99341  (17011509)                653970.13
4187828.38     1111.54625  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653990.13	4187828.38	973.66887	(17011509)	654010.13	4187828.38	815.51217	(17011509)
654030.13	4187828.38	659.64563	(17011509)	654050.13	4187828.38	625.42358	(17122619)
654070.13	4187828.38	577.63153	(17122619)	654090.13	4187828.38	527.73615	(17121906)
654110.13	4187828.38	504.68604	(17020824)	654130.13	4187828.38	479.25768	(17020824)
654150.13	4187828.38	448.10288	(17020824)	654170.13	4187828.38	413.63405	(17020824)
654190.13	4187828.38	385.44278	(17011303)	654210.13	4187828.38	374.18252	(17011303)
654230.13	4187828.38	359.82188	(17011303)	654250.13	4187828.38	343.24546	(17011303)
654270.13	4187828.38	325.20846	(17011303)	654290.13	4187828.38	306.33939	(17011303)
654310.13	4187828.38	298.53427	(17121319)	654330.13	4187828.38	289.96321	(17121319)
654350.13	4187828.38	280.38750	(17121319)	654370.13	4187828.38	270.08461	(17121319)
654390.13	4187828.38	259.29215	(17121319)	654410.13	4187828.38	248.21151	(17121319)
654430.13	4187828.38	237.00722	(17121319)	654450.13	4187828.38	227.40949	(17010504)
654470.13	4187828.38	220.66036	(17010504)	654490.13	4187828.38	213.67139	(17010504)
653690.13	4187848.38	2850.77338	(17011609)	653710.13	4187848.38	2999.53627	(17123009)
653730.13	4187848.38	2815.26636	(17122917)	653750.13	4187848.38	2693.61071	(17012804)
653770.13	4187848.38	2530.58639	(17012903)	653790.13	4187848.38	2264.01783	(17020801)
653810.13	4187848.38	2050.41770	(17011508)	653830.13	4187848.38	1909.49737	(17012908)
653850.13	4187848.38	1613.45516	(17122320)	653870.13	4187848.38	1615.53871	(17122320)

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        653890.13   4187848.38     1473.82927  (17121219)                653910.13
4187848.38     1450.77451  (17011509)
        653930.13   4187848.38     1370.49870  (17011509)                653950.13
4187848.38     1200.44215  (17011509)
        653970.13   4187848.38      993.60288  (17011509)                653990.13
4187848.38      791.28928  (17122619)
        654010.13   4187848.38      739.82252  (17122619)                654030.13
4187848.38      670.30788  (17122619)
        654050.13   4187848.38      620.43328  (17020824)                654070.13
4187848.38      588.15070  (17020824)
        654090.13   4187848.38      546.65301  (17020824)                654110.13
4187848.38      500.13006  (17020824)
        654130.13   4187848.38      465.05416  (17011303)                654150.13
4187848.38      447.48164  (17011303)
        654170.13   4187848.38      425.95544  (17011303)                654190.13
4187848.38      401.87223  (17011303)
        654210.13   4187848.38      376.37297  (17011303)                654230.13
4187848.38      362.62773  (17121319)
        654250.13   4187848.38      350.30692  (17121319)                654270.13
4187848.38      336.63447  (17121319)
        654290.13   4187848.38      322.06400  (17121319)                654310.13
4187848.38      306.97128  (17121319)
        654330.13   4187848.38      291.65721  (17121319)                654350.13
4187848.38      276.95099  (17010504)
        654370.13   4187848.38      267.48658  (17010504)                654390.13
4187848.38      257.71937  (17010504)
        654410.13   4187848.38      247.79083  (17010504)                654430.13
4187848.38      237.81882  (17010504)
        654450.13   4187848.38      227.89687  (17010504)                654470.13
4187848.38      221.59305  (17122519)
        654490.13   4187848.38      216.84908  (17122519)                653690.13
4187868.38     3441.03811  (17011609)
        653710.13   4187868.38     3512.35044  (17123009)                653730.13
4187868.38     3363.81079  (17013024)
        653750.13   4187868.38     3241.32828  (17122620)                653770.13
4187868.38     2982.98999  (17020801)
        653790.13   4187868.38     2568.56994  (17120120)                653810.13
4187868.38     2359.36974  (17012908)
        653830.13   4187868.38     2007.34192  (17122320)                653850.13
4187868.38     1910.15148  (17122320)
        653870.13   4187868.38     1772.96067  (17011509)                653890.13
4187868.38     1733.40965  (17011509)
        653910.13   4187868.38     1524.88167  (17011509)                653930.13
4187868.38     1244.43414  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653950.13	4187868.38	975.27597	(17122619)	653970.13	4187868.38	892.76256	(17122619)
653990.13	4187868.38	791.92316	(17121906)	654010.13	4187868.38	746.34802	(17020824)
654030.13	4187868.38	688.66448	(17020824)	654050.13	4187868.38	622.71843	(17020824)
654070.13	4187868.38	576.59032	(17011303)	654090.13	4187868.38	548.08298	(17011303)
654110.13	4187868.38	514.58458	(17011303)	654130.13	4187868.38	478.39901	(17011303)
654150.13	4187868.38	454.49064	(17121319)	654170.13	4187868.38	435.81447	(17121319)
654190.13	4187868.38	415.27534	(17121319)	654210.13	4187868.38	393.66463	(17121319)
654230.13	4187868.38	371.60754	(17121319)	654250.13	4187868.38	349.57683	(17121319)
654270.13	4187868.38	334.41106	(17010504)	654290.13	4187868.38	320.02239	(17010504)
654310.13	4187868.38	305.50696	(17010504)	654330.13	4187868.38	291.05841	(17010504)
654350.13	4187868.38	280.14947	(17122519)	654370.13	4187868.38	272.85358	(17122519)
654390.13	4187868.38	265.35282	(17122519)	654410.13	4187868.38	257.73231	(17122519)
654430.13	4187868.38	250.06208	(17122519)	654450.13	4187868.38	242.39982	(17122519)
654470.13	4187868.38	234.79325	(17122519)	654490.13	4187868.38	227.28080	(17122519)
653690.13	4187888.38	4161.83848	(17011609)	653830.13	4187888.38	2350.94152	(17121219)
653850.13	4187888.38	2254.46624	(17011509)	653870.13	4187888.38	2013.82766	(17011509)
653890.13	4187888.38	1616.47427	(17011509)	653910.13	4187888.38	1243.31254	(17122619)

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        653930.13   4187888.38     1104.05224  (17122619)                653950.13
4187888.38      991.69395  (17020824)
        653970.13   4187888.38      906.98681  (17020824)                653990.13
4187888.38      807.04725  (17020824)
        654010.13   4187888.38      741.40525  (17011303)                654030.13
4187888.38      692.50154  (17011303)
        654050.13   4187888.38      637.65388  (17011303)                654070.13
4187888.38      594.85294  (17121319)
        654090.13   4187888.38      564.42269  (17121319)                654110.13
4187888.38      531.36726  (17121319)
        654130.13   4187888.38      497.20309  (17121319)                654150.13
4187888.38      463.04451  (17121319)
        654170.13   4187888.38      436.33771  (17010504)                654190.13
4187888.38      413.55644  (17010504)
        654210.13   4187888.38      390.82713  (17010504)                654230.13
4187888.38      371.00004  (17122519)
        654250.13   4187888.38      358.87476  (17122519)                654270.13
4187888.38      346.50532  (17122519)
        654290.13   4187888.38      334.06275  (17122519)                654310.13
4187888.38      321.68171  (17122519)
        654330.13   4187888.38      309.46316  (17122519)                654350.13
4187888.38      297.48471  (17122519)
        654370.13   4187888.38      285.80382  (17122519)                654390.13
4187888.38      274.46240  (17122519)
        654410.13   4187888.38      263.48837  (17122519)                654430.13
4187888.38      252.89913  (17122519)
        654450.13   4187888.38      242.70410  (17122519)                654470.13
4187888.38      232.90799  (17122519)
        654490.13   4187888.38      223.50985  (17122519)                653690.13
4187908.38     5055.79658  (17012817)
        653830.13   4187908.38     2797.51454  (17011509)                653850.13
4187908.38     2206.56952  (17011509)
        653870.13   4187908.38     1659.75587  (17122619)                653890.13
4187908.38     1408.02975  (17020824)
        653910.13   4187908.38     1274.97851  (17020824)                653930.13
4187908.38     1108.16822  (17020824)
        653950.13   4187908.38     1003.36103  (17011303)                653970.13
4187908.38      912.28064  (17011303)
        653990.13   4187908.38      829.95041  (17121319)                654010.13
4187908.38      774.85247  (17121319)
        654030.13   4187908.38      716.10563  (17121319)                654050.13
4187908.38      657.02866  (17121319)
        654070.13   4187908.38      606.36314  (17010504)                654090.13
4187908.38      566.29149  (17010504)
        654110.13   4187908.38      527.03664  (17010504)                654130.13
4187908.38      504.16375  (17122519)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654150.13	4187908.38	481.38070	(17122519)	654170.13	4187908.38	458.80992	(17122519)
654190.13	4187908.38	436.73002	(17122519)	654210.13	4187908.38	415.34072	(17122519)
654230.13	4187908.38	394.75659	(17122519)	654250.13	4187908.38	375.06194	(17122519)
654270.13	4187908.38	356.29060	(17122519)	654290.13	4187908.38	338.45480	(17122519)
654310.13	4187908.38	321.54915	(17122519)	654330.13	4187908.38	305.55202	(17122519)
654350.13	4187908.38	290.74629	(17122719)	654370.13	4187908.38	279.62091	(17122719)
654390.13	4187908.38	268.94723	(17122719)	654410.13	4187908.38	258.72149	(17122719)
654430.13	4187908.38	248.93369	(17122719)	654450.13	4187908.38	239.57352	(17122719)
654470.13	4187908.38	230.62831	(17122719)	654490.13	4187908.38	222.08320	(17122719)
653690.13	4187928.38	6533.97549	(15012509)	653830.13	4187928.38	2363.96862	(17122619)
653850.13	4187928.38	1988.14797	(17020824)	653870.13	4187928.38	1665.19337	(17020824)
653890.13	4187928.38	1465.56980	(17011303)	653910.13	4187928.38	1283.81532	(17121319)
653930.13	4187928.38	1166.01656	(17121319)	653950.13	4187928.38	1044.31498	(17121319)
653970.13	4187928.38	933.18262	(17010504)	653990.13	4187928.38	849.83925	(17010504)
654010.13	4187928.38	789.12607	(17122519)	654030.13	4187928.38	738.96804	(17122519)
654050.13	4187928.38	690.55723	(17122519)	654070.13	4187928.38	644.57546	(17122519)

654090.13 4187928.38 601.38644 (17122519) 654110.13
4187928.38 561.08762 (17122519)
654130.13 4187928.38 523.67851 (17122519) 654150.13
4187928.38 489.05376 (17122519)
654170.13 4187928.38 457.07837 (17122519) 654190.13
4187928.38 430.50454 (17122719)
654210.13 4187928.38 408.16706 (17122719) 654230.13
4187928.38 387.22081 (17122719)
654250.13 4187928.38 367.59782 (17122719) 654270.13
4187928.38 349.22046 (17122719)
654290.13 4187928.38 332.01165 (17122719) 654310.13
4187928.38 315.89505 (17122719)
654330.13 4187928.38 300.79768 (17122719) 654350.13
4187928.38 286.64824 (17122719)
654370.13 4187928.38 273.37798 (17122719) 654390.13
4187928.38 260.92573 (17122719)
654410.13 4187928.38 249.23248 (17122719) 654430.13
4187928.38 240.25272 (17122621)
654450.13 4187928.38 232.18487 (17122621) 654470.13
4187928.38 224.52632 (17122621)
654490.13 4187928.38 217.25158 (17122621) 653690.13
4187948.38 8113.25309 (15030508)
653830.13 4187948.38 2418.89310 (17011303) 653850.13
4187948.38 2068.00067 (17121319)
653870.13 4187948.38 1740.53923 (17010504) 653890.13
4187948.38 1522.21070 (17122519)
653910.13 4187948.38 1368.19740 (17122519) 653930.13
4187948.38 1227.16449 (17122519)
653950.13 4187948.38 1101.03496 (17122519) 653970.13
4187948.38 989.58215 (17122519)
653990.13 4187948.38 891.61052 (17122519) 654010.13
4187948.38 806.56364 (17122719)
654030.13 4187948.38 741.85875 (17122719) 654050.13
4187948.38 683.89119 (17122719)
654070.13 4187948.38 631.92897 (17122719) 654090.13
4187948.38 585.27220 (17122719)
654110.13 4187948.38 543.30229 (17122719) 654130.13
4187948.38 505.46784 (17122719)
654150.13 4187948.38 471.27945 (17122719) 654170.13
4187948.38 443.86870 (17122621)
654190.13 4187948.38 420.57097 (17122621) 654210.13
4187948.38 399.14250 (17122621)
654230.13 4187948.38 379.39034 (17122621) 654250.13
4187948.38 361.14477 (17122621)
654270.13 4187948.38 344.25778 (17122621) 654290.13
4187948.38 328.59571 (17122621)
654310.13 4187948.38 314.04326 (17122621) 654330.13
4187948.38 300.49497 (17122621)

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD   ***
                                 INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        654250.13   4187968.38      354.16361  (17122621)              654270.13
4187968.38      336.40461  (17122621)
        654290.13   4187968.38      320.07466  (17122621)              654310.13
4187968.38      305.01450  (17122621)
        654330.13   4187968.38      291.09261  (17122621)              654350.13
4187968.38      278.19159  (17122621)
        654370.13   4187968.38      266.67371  (16010203)              654390.13
4187968.38      256.28444  (16010203)
        654410.13   4187968.38      246.56671  (16010203)              654430.13
4187968.38      237.46045  (16010203)
        654450.13   4187968.38      228.91314  (16010203)              654470.13
4187968.38      220.87712  (16010203)
        654490.13   4187968.38      213.31273  (16010203)              653690.13
4187988.38    15378.10024  (16012009)
        653830.13   4187988.38     2733.06811  (14022208)              653850.13
4187988.38     2278.77669  (14022208)
        653870.13   4187988.38     1935.20751  (14022208)              653890.13
4187988.38     1668.91376  (14022208)
        653910.13   4187988.38     1458.05562  (14022208)              653930.13
4187988.38     1287.88686  (14022208)
        653950.13   4187988.38     1148.31524  (14022208)              653970.13
4187988.38     1032.18241  (14022208)
        653990.13   4187988.38      934.35084  (14022208)              654010.13
4187988.38      851.04292  (14022208)
        654030.13   4187988.38      779.42229  (14022208)              654050.13
4187988.38      717.31183  (14022208)
        654070.13   4187988.38      663.02841  (14022208)              654090.13
4187988.38      615.26180  (14022208)
        654110.13   4187988.38      572.96622  (14022208)              654130.13
4187988.38      535.30576  (14022208)
        654150.13   4187988.38      501.59487  (14022208)              654170.13
4187988.38      471.27631  (14022208)
        654190.13   4187988.38      443.89013  (14022208)              654210.13
4187988.38      419.05138  (14022208)
        654230.13   4187988.38      396.44462  (14022208)              654250.13
4187988.38      375.79895  (14022208)
        654270.13   4187988.38      356.88286  (14022208)              654290.13
4187988.38      339.50097  (14022208)
        654310.13   4187988.38      323.48701  (14022208)              654330.13
4187988.38      308.69501  (14022208)
        654350.13   4187988.38      295.00004  (14022208)              654370.13
4187988.38      282.70423  (16010203)
        654390.13   4187988.38      271.38898  (16010203)              654410.13
4187988.38      260.82515  (16010203)
        654430.13   4187988.38      250.94274  (16010203)              654450.13
4187988.38      241.68256  (16010203)
        654470.13   4187988.38      232.99022  (16010203)              654490.13
4187988.38      224.81946  (16010203)
        653655.14   4187974.84     6675.55402  (15033004)              653791.22
4188024.71     3548.68545  (14022307)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653827.99	4188054.29	2266.86464	(17121119)	653851.66	4188036.97	1970.57840	(14010220)
653905.33	4188036.12	1380.28325	(15122617)	653749.81	4188104.17	2643.13206	(17022508)
653938.30	4188029.78	1144.69560	(14010519)	653988.59	4188027.67	884.58681	(15122424)
654041.42	4188038.23	696.45290	(15122424)	653989.86	4188051.76	878.70647	(15122617)
653634.01	4187869.18	2790.09292	(13123108)	653624.71	4187963.01	4718.40426	(17012823)
653582.87	4187962.16	3193.52023	(17022506)	653701.20	4188100.78	3010.66211	(17122408)
654582.91	4187495.31	212.28010	(17011509)	654554.33	4187451.49	225.46313	(17011509)
654607.68	4187449.58	214.39383	(17011509)	654492.60	4186914.23	133.04455	(17120120)
654507.05	4186910.79	127.73526	(17011508)	654509.12	4186964.47	137.80041	(17011508)
653809.30	4186919.71	217.14497	(15041307)	654342.28	4186818.67	143.02196	(17020801)
655092.49	4187197.56	113.96025	(17011509)	654238.71	4186303.37	94.19219	(17011120)
655153.11	4188271.10	95.11869	(16120418)	653689.06	4188008.65	9479.06311	(14112809)
653683.67	4188032.40	6391.65958	(17120219)	653706.08	4188038.27	6281.99724	(17010609)
653679.42	4188056.68	4337.47004	(17120705)	653658.84	4188047.21	4260.81055	(16020808)

653702.97 4188063.08 4589.29997 (17122408) 653675.63
4188081.17 3160.90433 (17020403)
653653.68 4188071.07 3364.76830 (17022607) 653699.87
4188087.89 3380.55523 (17122408)
653668.64 4188130.42 2059.97246 (17012717) 653645.12
4188119.60 2217.21001 (17120219)
653621.60 4188108.77 1985.50811 (17122724) 653693.66
4188137.50 2045.50492 (17120618)
653663.21 4188180.40 1451.88165 (17012717) 653641.26
4188170.29 1391.74727 (17120705)
653619.30 4188160.19 1525.85984 (17120619) 653597.35
4188150.08 1393.91128 (17122724)
653575.40 4188139.97 1386.91853 (17020506) 653687.45
4188187.11 1455.45257 (17120618)
653656.54 4188229.80 1083.58246 (17012717) 653633.67
4188219.27 1015.85081 (15021408)
653610.81 4188208.75 1168.72361 (17120219) 653587.94
4188198.22 1139.77002 (17022607)
653565.07 4188187.69 1013.61827 (17122724) 653542.20
4188177.17 1041.47974 (17020506)
653681.24 4188236.72 1102.16816 (17120618) 653650.00
4188279.26 847.01695 (17122622)
653626.48 4188268.43 829.14524 (17012717) 653602.96
4188257.61 860.77453 (17120219)
653579.44 4188246.78 908.31494 (17120619) 653555.92
4188235.95 825.15901 (17022607)
653532.40 4188225.12 776.23356 (16120505) 653508.88
4188214.30 819.24062 (17020506)
653675.02 4188286.34 872.35564 (17120618) 653643.55
4188328.76 681.34261 (17122622)
653619.54 4188317.71 694.00551 (17012717) 653595.53
4188306.66 666.75290 (17120705)
653571.52 4188295.60 756.28673 (17120219) 653547.50
4188284.55 743.01056 (17022607)
653523.49 4188273.50 673.34662 (17122724) 653499.48
4188262.44 632.76142 (16120505)
653475.47 4188251.39 665.61271 (17020506) 653668.81
4188335.95 711.28865 (17120618)
653631.37 4188428.10 478.94314 (17020802) 653607.85
4188417.27 505.52232 (17012717)
653584.33 4188406.45 465.10655 (17020403) 653560.81
4188395.62 475.76089 (17120705)
653537.29 4188384.79 536.65020 (17120219) 653513.77
4188373.96 522.17616 (17022607)
653490.25 4188363.13 497.32112 (17022607) 653466.73
4188352.31 475.39388 (17122724)
653443.21 4188341.48 449.19723 (16120505) 653419.68
4188330.65 473.06985 (17020506)
653656.39 4188435.17 507.60886 (17120618) 653618.64
4188527.18 368.79816 (17020802)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653546.19	4188493.83	348.72240	(15021408)	653522.04	4188482.72	365.88122	(17120219)
653497.90	4188471.60	409.98527	(17120219)	653473.75	4188460.48	394.49636	(17022607)
653449.60	4188449.37	389.90543	(17022607)	653425.45	4188438.25	363.15565	(17122724)
653401.30	4188427.13	345.78897	(16020808)	653377.16	4188416.02	341.44247	(15022501)
653353.01	4188404.90	361.15935	(17020506)	653643.97	4188534.40	387.16558	(17120618)
653606.40	4188626.49	297.03686	(17020802)	653582.61	4188615.54	301.37444	(17012717)
653558.83	4188604.60	305.06064	(17012717)	653535.05	4188593.65	282.69113	(17020403)
653511.27	4188582.70	280.11874	(17120705)	653487.49	4188571.75	293.06543	(17120219)
653463.70	4188560.80	326.30699	(17120219)	653439.92	4188549.86	320.65171	(17120619)
653416.14	4188538.91	321.00911	(17022607)	653392.36	4188527.96	288.71714	(17022607)
653368.58	4188517.01	290.07594	(17122724)	653344.79	4188506.06	274.95625	(16020808)
653321.01	4188495.12	272.42671	(15022501)	653297.23	4188484.17	286.26662	(17020506)
653273.45	4188473.22	286.29678	(17122909)	653631.55	4188633.63	308.88167	(17120618)

653593.76 4188725.62 246.10599 (17020802) 653569.55
4188714.47 246.50194 (17122622)
653545.33 4188703.33 253.84307 (17012717) 653521.12
4188692.18 240.33586 (17012717)
653496.91 4188681.03 231.01856 (15021408) 653472.70
4188669.89 236.89591 (17120705)
653448.48 4188658.74 249.53950 (17120219) 653424.27
4188647.60 270.05042 (17120219)
653400.06 4188636.45 264.51208 (17120619) 653375.85
4188625.30 265.29501 (17022607)
653351.63 4188614.16 246.75292 (17022607) 653327.42
4188603.01 237.90347 (17122724)
653303.21 4188591.86 233.12567 (17122724) 653279.00
4188580.72 223.90088 (16120505)
653254.78 4188569.57 225.97795 (17123104) 653230.57
4188558.43 237.16334 (17020506)
653206.36 4188547.28 235.43111 (17122909) 653619.13
4188732.85 254.36296 (17120618)
653581.48 4188824.91 208.59486 (17020802) 653557.56
4188813.90 204.94098 (17122622)
653533.64 4188802.88 213.69712 (17012717) 653509.71
4188791.87 210.14816 (17012717)
653485.79 4188780.86 197.17955 (17020403) 653461.87
4188769.85 193.01859 (15021408)
653437.95 4188758.83 200.76752 (17120705) 653414.02
4188747.82 210.35196 (17120219)
653390.10 4188736.81 227.55967 (17120219) 653366.18
4188725.80 225.58512 (17120619)
653342.25 4188714.78 222.14868 (17022607) 653318.33
4188703.77 219.18426 (17022607)
653294.41 4188692.76 197.47927 (17121506) 653270.49
4188681.74 201.76666 (17122724)
653246.56 4188670.73 194.06446 (17122724) 653222.64
4188659.72 188.81311 (16120505)
653198.72 4188648.71 188.95008 (15022501) 653174.79
4188637.69 198.16985 (17020506)
653150.87 4188626.68 199.49530 (17122909) 653606.70
4188832.08 214.35677 (17120618)
653550.32 4189072.92 147.54504 (17020802) 653526.17
4189061.81 140.53335 (17122901)
653502.02 4189050.69 147.36406 (17122622) 653477.87
4189039.57 150.48832 (17012717)
653453.72 4189028.46 147.15757 (17012717) 653429.58
4189017.34 138.54458 (17020403)
653405.43 4189006.22 137.12797 (15021408) 653381.28
4188995.11 135.09972 (17120705)
653357.13 4188983.99 141.30917 (17120705) 653332.98
4188972.87 143.59912 (17120219)
653308.84 4188961.76 157.58413 (17120219) 653284.69
4188950.64 160.37573 (17120219)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653163.95	4188895.06	138.14718	(17122724)	653139.80	4188883.94	144.93804	(13011909)
653115.65	4188872.83	153.46877	(13011909)	653091.50	4188861.71	151.97547	(13011909)
653067.36	4188850.59	140.98837	(13011909)	653043.21	4188839.48	134.31035	(17123104)
653019.06	4188828.36	139.34955	(17020506)	652994.91	4188817.24	140.40582	(17020506)
652970.76	4188806.13	138.38821	(17122909)	653575.65	4189080.14	150.21716	(17120618)
653519.38	4189321.04	111.76217	(17020802)	653495.48	4189310.04	105.30721	(17020802)
653471.58	4189299.04	108.39416	(17122622)	653447.68	4189288.04	111.72122	(17122622)
653423.78	4189277.03	113.34047	(17012717)	653399.88	4189266.03	110.93032	(17012717)
653375.98	4189255.03	104.26588	(17012717)	653352.08	4189244.03	104.12774	(17020403)
653328.18	4189233.02	102.70869	(15021408)	653304.28	4189222.02	102.82359	(17120705)
653280.38	4189211.02	106.67095	(17120705)	653256.48	4189200.02	106.45845	(17020407)
653232.58	4189189.02	114.51003	(17120219)	653208.68	4189178.01	120.69918	(17120219)

653184.78 4189167.01 120.34157 (17120219) 653160.88
4189156.01 118.60347 (17120619)
653136.98 4189145.01 116.65744 (17022607) 653113.08
4189134.00 119.10990 (17022607)
653089.18 4189123.00 114.62033 (17022607) 653065.28
4189112.00 104.24825 (17121506)
653041.38 4189101.00 107.87953 (13011909) 653017.48
4189089.99 121.47156 (13011909)
652993.58 4189078.99 130.12182 (13011909) 652969.68
4189067.99 132.67226 (13011909)
652945.78 4189056.99 128.83334 (13011909) 652921.88
4189045.99 119.25396 (13011909)
652897.98 4189034.98 105.29761 (13011909) 652874.08
4189023.98 104.18583 (17123104)
652850.18 4189012.98 106.33512 (17020506) 652826.28
4189001.98 105.45605 (17122909)
652802.38 4188990.97 103.73170 (17122909) 653544.59
4189328.20 112.97472 (17020802)
653488.25 4189569.07 88.56205 (17020802) 653464.19
4189558.00 84.42768 (17020802)
653440.14 4189546.92 84.04134 (17122901) 653416.08
4189535.85 87.53739 (17122622)
653392.02 4189524.77 88.60048 (17012717) 653367.96
4189513.70 89.35928 (17012717)
653343.90 4189502.62 87.28609 (17012717) 653319.85
4189491.55 82.54216 (17012717)
653295.79 4189480.47 82.78816 (17020403) 653271.73
4189469.40 81.65333 (15021408)
653247.67 4189458.32 79.88082 (15021408) 653223.62
4189447.25 82.50500 (17120705)
653199.56 4189436.17 84.42093 (17120705) 653175.50
4189425.10 84.29712 (17020407)
653151.44 4189414.02 88.36530 (17120219) 653127.38
4189402.95 94.19953 (17120219)
653103.33 4189391.87 96.06101 (17120219) 653079.27
4189380.80 95.30050 (17120619)
653055.21 4189369.72 92.80529 (17120619) 653031.15
4189358.65 92.40837 (17022607)
653007.10 4189347.57 94.37880 (17022607) 652983.04
4189336.50 91.92844 (17022607)
652958.98 4189325.42 85.40290 (17022607) 652934.92
4189314.35 84.70054 (13011909)
652910.86 4189303.27 97.48664 (13011909) 652886.81
4189292.20 107.82894 (13011909)
652862.75 4189281.12 114.60501 (13011909) 652838.69
4189270.05 117.07234 (13011909)
652814.63 4189258.97 115.08807 (13011909) 652790.58
4189247.90 108.84046 (13011909)
652766.52 4189236.82 99.10015 (13011909) 652742.46
4189225.75 86.92205 (13011909)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653432.96	4189805.98	69.67636	(17020802)	653408.79	4189794.85	67.90672	(17122901)
653384.62	4189783.72	70.03000	(17122622)	653360.44	4189772.59	72.20964	(17122622)
653336.27	4189761.47	72.63830	(17012717)	653312.09	4189750.34	72.77617	(17012717)
653287.92	4189739.21	71.00830	(17012717)	653263.75	4189728.08	67.45476	(17012717)
653239.57	4189716.95	67.75369	(17020403)	653215.40	4189705.82	66.73864	(17020403)
653191.22	4189694.69	66.25012	(15021408)	653167.05	4189683.57	65.17457	(15122702)
653142.87	4189672.44	68.11920	(17120705)	653118.70	4189661.31	69.04693	(17120705)
653094.53	4189650.18	69.00676	(17020407)	653070.35	4189639.05	70.50962	(17120219)
653046.18	4189627.92	75.66615	(17120219)	653022.00	4189616.80	78.28850	(17120219)
652997.83	4189605.67	78.09148	(17120219)	652973.66	4189594.54	77.68860	(17120619)
652949.48	4189583.41	74.94860	(17120619)	652925.31	4189572.28	75.58147	(17022607)

652901.13 4189561.15 77.18739 (17022607) 652876.96
4189550.02 75.80876 (17022607)
652852.79 4189538.90 71.60795 (17022607) 652828.61
4189527.77 67.51724 (17121506)
652804.44 4189516.64 78.62483 (13011909) 652780.26
4189505.51 88.77037 (13011909)
652756.09 4189494.38 97.01586 (13011909) 652731.91
4189483.25 102.60934 (13011909)
652707.74 4189472.13 105.04616 (13011909) 652683.57
4189461.00 104.12665 (13011909)
652659.39 4189449.87 99.96857 (13011909) 652635.22
4189438.74 92.99624 (13011909)
652611.04 4189427.61 83.85730 (13011909) 652586.87
4189416.48 73.34129 (13011909)
652562.70 4189405.36 67.49598 (17123104) 652538.52
4189394.23 68.59544 (17020506)
652514.35 4189383.10 68.40888 (17020506) 652490.17
4189371.97 67.77355 (17122909)
652466.00 4189360.84 66.40542 (17022406) 653482.48
4189824.33 73.09603 (17020802)
653395.06 4190313.25 52.00623 (17020802) 653370.96
4190302.15 50.52717 (17020802)
653346.85 4190291.06 47.89303 (17020802) 653322.74
4190279.96 48.74137 (17122901)
653298.63 4190268.86 49.98443 (17122622) 653274.53
4190257.76 51.55253 (17122622)
653250.42 4190246.67 51.74460 (17122622) 653226.31
4190235.57 51.94739 (17012717)
653202.21 4190224.47 51.70415 (17012717) 653178.10
4190213.37 50.49796 (17012717)
653153.99 4190202.27 51.69308 (16041907) 653129.89
4190191.18 53.63576 (16041907)
653105.78 4190180.08 53.98336 (16041907) 653081.67
4190168.98 52.67550 (16041907)
653057.56 4190157.88 49.81909 (16041907) 653033.46
4190146.79 46.24211 (15021408)
653009.35 4190135.69 47.23371 (17120705) 652985.24
4190124.59 49.16490 (17120705)
652961.14 4190113.49 49.53415 (17120705) 652937.03
4190102.40 49.47529 (17020407)
652912.92 4190091.30 49.00621 (17020407) 652888.82
4190080.20 54.32874 (17121109)
652864.71 4190069.10 58.47416 (17121109) 652840.60
4190058.01 60.78229 (17121109)
652816.50 4190046.91 61.01648 (17121109) 652792.39
4190035.81 59.16019 (17121109)
652768.28 4190024.71 55.41546 (17121109) 652744.17
4190013.62 53.12567 (17120619)
652720.07 4190002.52 53.58441 (17022607) 652695.96
4189991.42 55.11415 (17022607)

652671.85 4189980.32 55.13115 (17022607) 652647.75
4189969.23 53.63789 (17022607)
652623.64 4189958.13 50.75849 (17022607) 652599.53
4189947.03 53.91040 (14112809)
652575.43 4189935.93 58.40580 (13011909) 652551.32
4189924.84 66.28168 (13011909)
652527.21 4189913.74 73.48042 (13011909) 652503.11
4189902.64 79.57385 (13011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652479.00	4189891.54	84.18581	(13011909)	652454.89	4189880.45	87.01791	(13011909)
652430.78	4189869.35	87.89206	(13011909)	652406.68	4189858.25	86.76283	(13011909)
652382.57	4189847.15	83.72208	(13011909)	652358.46	4189836.06	78.98962	(13011909)
652334.36	4189824.96	72.88470	(13011909)	652310.25	4189813.86	65.78751	(13011909)
652286.14	4189802.76	58.10951	(13011909)	652262.04	4189791.67	50.25265	(13011909)
652237.93	4189780.57	48.57994	(17020506)	652213.82	4189769.47	49.22776	(17020506)
652189.72	4189758.37	48.79722	(17020506)	652165.61	4189747.28	48.36321	(17122909)
652141.50	4189736.18	47.61637	(17122909)	653420.38	4190320.46	52.36244	(17020802)
653332.88	4190809.34	39.69919	(17020802)	653308.63	4190798.18	38.80434	(17020802)
653284.38	4190787.02	37.21547	(17020802)	653260.13	4190775.85	36.32317	(17122901)

653235.88 4190764.69 37.20257 (17122901) 653211.63
4190753.53 38.06309 (17122622)
653187.38 4190742.36 39.20390 (17122622) 653163.13
4190731.20 39.54013 (17122622)
653138.88 4190720.04 39.19763 (17012717) 653114.63
4190708.87 39.38865 (17012717)
653090.38 4190697.71 39.00830 (17012717) 653066.13
4190686.55 40.98285 (16041907)
653041.88 4190675.38 43.70688 (16041907) 653017.63
4190664.22 45.52339 (16041907)
652993.38 4190653.06 46.32869 (16041907) 652969.13
4190641.89 46.04787 (16041907)
652944.88 4190630.73 44.69326 (16041907) 652920.63
4190619.57 42.35288 (16041907)
652896.38 4190608.40 39.18374 (16041907) 652872.13
4190597.24 35.60309 (15122702)
652847.88 4190586.08 36.80303 (17120705) 652823.63
4190574.91 37.74360 (17120705)
652799.38 4190563.75 37.74529 (17120705) 652775.13
4190552.59 37.77103 (17020407)
652750.88 4190541.42 39.84990 (17121109) 652726.63
4190530.26 44.48365 (17121109)
652702.38 4190519.10 48.35324 (17121109) 652678.13
4190507.93 51.17199 (17121109)
652653.88 4190496.77 52.72131 (17121109) 652629.63
4190485.61 52.87773 (17121109)
652605.38 4190474.44 51.62688 (17121109) 652581.13
4190463.28 49.06664 (17121109)
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4190440.95 40.88008 (17121109)
652508.38 4190429.79 40.92199 (17022607) 652484.13
4190418.63 41.99233 (17022607)
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4190396.30 41.45744 (17022607)
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4190373.97 44.47063 (14112809)
652362.88 4190362.81 46.86124 (14112809) 652338.63
4190351.64 47.76188 (14112809)
652314.38 4190340.48 53.40476 (13011909) 652290.13
4190329.32 59.23396 (13011909)
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4190306.99 69.02635 (13011909)
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4190284.66 74.84455 (13011909)
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4190240.01 71.07904 (13011909)
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4190217.68 62.38139 (13011909)

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651877.88 4190139.54 37.37834 (17020506) 651853.63
4190128.38 36.75296 (17122909)
651829.38 4190117.21 36.59166 (17122909) 651805.13
4190106.05 36.27980 (17022406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653358.27	4190816.59	39.93656	(17020802)	653270.80	4191305.49	31.60868	(17020802)
653246.61	4191294.35	31.02845	(17020802)	653222.42	4191283.21	30.00456	(17020802)
653198.23	4191272.08	28.57763	(17020802)	653174.04	4191260.94	29.02460	(17122901)
653149.84	4191249.80	29.58320	(17122901)	653125.65	4191238.67	30.20625	(17122622)
653101.46	4191227.53	31.09505	(17122622)	653077.27	4191216.39	31.48185	(17122622)
653053.08	4191205.26	31.34416	(17122622)	653028.89	4191194.12	31.15235	(17012717)
653004.70	4191182.99	31.15725	(17012717)	652980.51	4191171.85	33.04683	(16041907)
652956.31	4191160.71	35.83307	(16041907)	652932.12	4191149.58	38.14120	(16041907)
652907.93	4191138.44	39.85685	(16041907)	652883.74	4191127.30	40.89118	(16041907)

652859.55 4191116.17 41.17258 (16041907) 652835.36
4191105.03 40.68468 (16041907)
652811.17 4191093.89 39.45375 (16041907) 652786.98
4191082.76 37.54052 (16041907)
652762.78 4191071.62 35.04374 (16041907) 652738.59
4191060.49 32.09290 (16041907)
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4191038.21 29.56797 (17120705)
652666.02 4191027.08 30.12734 (17120705) 652641.83
4191015.94 30.09011 (17120705)
652617.64 4191004.80 30.05526 (17020407) 652593.44
4190993.67 32.77646 (17121109)
652569.25 4190982.53 36.69484 (17121109) 652545.06
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652472.49 4190937.99 46.63804 (17121109) 652448.30
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652424.11 4190915.71 46.27345 (17121109) 652399.91
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652375.72 4190893.44 42.15146 (17121109) 652351.53
4190882.30 38.96119 (17121109)
652327.34 4190871.17 35.25175 (17121109) 652303.15
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652278.96 4190848.90 33.21842 (17022607) 652254.77
4190837.76 33.60130 (17022607)
652230.58 4190826.62 33.41403 (17022607) 652206.38
4190815.49 32.66659 (17022607)
652182.19 4190804.35 36.06483 (14112809) 652158.00
4190793.21 39.04233 (14112809)
652133.81 4190782.08 41.15853 (14112809) 652109.62
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652037.04 4190737.53 52.01605 (13011909) 652012.85
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651940.28 4190692.99 65.20661 (13011909) 651916.09
4190681.85 66.58089 (13011909)
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4190659.58 66.53631 (13011909)
651843.51 4190648.44 65.12893 (13011909) 651819.32
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651795.13 4190626.17 59.86054 (13011909) 651770.94
4190615.03 56.21856 (13011909)
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4190592.76 47.50507 (13011909)
651698.37 4190581.62 42.78507 (13011909) 651674.18
4190570.49 38.03546 (13011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653160.42	4191779.39	24.82928	(17020802)	653136.27	4191768.27	23.84949	(17020802)
653112.12	4191757.16	23.25720	(17122901)	653087.97	4191746.04	23.85614	(17122901)
653063.83	4191734.92	24.23337	(17122901)	653039.68	4191723.81	24.81096	(15102308)
653015.53	4191712.69	25.49591	(15102308)	652991.38	4191701.58	25.84440	(15102308)
652967.23	4191690.46	25.84558	(15102308)	652943.09	4191679.34	25.49731	(17122622)
652918.94	4191668.23	25.45971	(17012717)	652894.79	4191657.11	26.82715	(16041907)
652870.64	4191645.99	29.38561	(16041907)	652846.49	4191634.88	31.70884	(16041907)
652822.35	4191623.76	33.70586	(16041907)	652798.20	4191612.64	35.29264	(16041907)

652774.05 4191601.53 36.39378 (16041907) 652749.90
4191590.41 36.95744 (16041907)
652725.75 4191579.29 36.96127 (16041907) 652701.61
4191568.18 36.40260 (16041907)
652677.46 4191557.06 35.30993 (16041907) 652653.31
4191545.95 33.71196 (16041907)
652629.16 4191534.83 31.69776 (16041907) 652605.01
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652580.87 4191512.60 26.73349 (16041907) 652556.72
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652532.57 4191490.36 24.43379 (17120705) 652508.42
4191479.25 24.78637 (17120705)
652484.27 4191468.13 24.73536 (17120705) 652460.13
4191457.01 24.65190 (17020407)
652435.98 4191445.90 27.51817 (17121109) 652411.83
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652387.68 4191423.67 33.94119 (17121109) 652363.53
4191412.55 36.72754 (17121109)
652339.39 4191401.43 39.05652 (17121109) 652315.24
4191390.32 40.81615 (17121109)
652291.09 4191379.20 41.91714 (17121109) 652266.94
4191368.08 42.30174 (17121109)
652242.79 4191356.97 41.94924 (17121109) 652218.65
4191345.85 40.87798 (17121109)
652194.50 4191334.73 39.14182 (17121109) 652170.35
4191323.62 36.82850 (17121109)
652146.20 4191312.50 34.04971 (17121109) 652122.05
4191301.38 30.93404 (17121109)
652097.91 4191290.27 27.61784 (17121109) 652073.76
4191279.15 27.07295 (17022607)
652049.61 4191268.04 27.50903 (17022607) 652025.46
4191256.92 27.56398 (17022607)
652001.31 4191245.80 27.23575 (17022607) 651977.17
4191234.69 29.39053 (14112809)
651953.02 4191223.57 32.35450 (14112809) 651928.87
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651856.43 4191179.10 38.22567 (14112809) 651832.28
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651808.13 4191156.87 42.61310 (13011909) 651783.98
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651325.17 4190934.54 25.17426 (13011909) 651301.02
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651276.88 4190912.31 24.35661 (17020506) 651252.73
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PAGE 490
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

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653810.49 4188088.66 2202.01120 (17022408) 653736.84
4188138.66 2089.42590 (17120207)
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4188188.66 1253.07395 (17121904)
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4188338.66 699.68003 (17120207)
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653785.94 4188638.66 267.88934 (13121321) 653810.49
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653643.97	4189084.40	142.93147	(17121308)	653621.20	4189082.98	143.68854	(17120618)
653598.42	4189081.56	150.87327	(17120618)	653712.29	4189088.66	158.41902	(17122408)
653736.84	4189088.66	156.33139	(17012720)	653761.39	4189088.66	153.67445	(17012720)
653785.94	4189088.66	142.38061	(17012720)	653810.49	4189088.66	136.73773	(17021222)
653688.33	4189337.17	119.07024	(17122408)	653664.38	4189335.67	112.86464	(17122408)
653640.42	4189334.18	107.60675	(17121308)	653616.46	4189332.69	106.57743	(17121308)

653592.51 4189331.19 110.53938 (17120618) 653568.55
4189329.70 114.20060 (17120618)
653712.29 4189338.66 119.72435 (17122408) 653736.84
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653761.39 4189338.66 117.56134 (17012720) 653785.94
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653620.37 4189832.93 81.30367 (14012009) 653597.39
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653574.41 4189830.06 67.71720 (17121308) 653551.43
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653528.45 4189827.20 73.30182 (17120618) 653505.47
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4189838.66 75.67254 (17012720)
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4190337.14 72.25427 (14012009)
653663.64 4190335.63 73.18442 (14012009) 653639.31
4190334.11 72.42781 (14012009)
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4190331.08 66.16166 (14012009)
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4190328.04 55.07002 (14012009)
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4190325.01 51.75527 (17120618)
653469.03 4190323.49 52.77344 (17120618) 653444.70
4190321.98 52.69559 (17120618)
653712.29 4190338.66 69.70369 (14012009) 653736.84
4190338.66 65.69775 (14012009)
653761.39 4190338.66 60.48327 (14012009) 653785.94
4190338.66 54.56167 (17012720)
653810.49 4190338.66 53.98414 (17012720) 653688.69
4190837.19 62.19378 (14012009)
653665.09 4190835.72 63.22341 (14012009) 653641.49
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653617.88 4190832.77 62.14839 (14012009) 653594.28
4190831.30 60.09413 (14012009)

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        653570.68   4190829.83       57.14501  (14012009)               653547.08
4190828.36       53.44015  (14012009)
        653523.48   4190826.89       49.14780  (14012009)               653499.88
4190825.42       44.45264  (14012009)
        653476.27   4190823.94       39.54060  (14012009)               653452.67
4190822.47       39.14681  (17120618)
        653429.07   4190821.00       40.01621  (17120618)               653405.47
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        653381.87   4190818.06       39.96724  (17120618)               653712.29
4190838.66       60.17256  (14012009)
        653736.84   4190838.66       57.14824  (14012009)               653761.39
4190838.66       53.31034  (14012009)
        653785.94   4190838.66       48.84681  (14012009)               653810.49
4190838.66       43.96390  (14012009)
        653687.81   4191337.13       54.82938  (14012009)               653663.33
4191335.61       55.82065  (14012009)
        653638.85   4191334.08       56.02393  (14012009)               653614.38
4191332.55       55.42969  (14012009)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 492
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        653589.90   4191331.03       54.06170  (14012009)               653565.42
4191329.50       51.97726  (14012009)
        653540.94   4191327.98       49.25590  (14012009)               653516.46
4191326.45       46.00183  (14012009)
        653491.98   4191324.92       42.35180  (14012009)               653467.51
4191323.40       38.44398  (14012009)
        653443.03   4191321.87       34.40542  (14012009)               653418.55
4191320.34       30.64112  (17120618)
        653394.07   4191318.82       31.49466  (17120618)               653369.59
4191317.29       31.95616  (17120618)
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        653345.11   4191315.77       32.00821  (17120618)              653320.64
4191314.24       31.64983  (17120618)
        653712.29   4191338.66       53.09309  (14012009)              653736.84
4191338.66       50.69514  (14012009)
        653761.39   4191338.66       47.71740  (14012009)              653785.94
4191338.66       44.27693  (14012009)
        653810.49   4191338.66       40.50240  (14012009)              653688.38
4191837.17       48.90795  (14012009)
        653664.47   4191835.68       49.83565  (14012009)              653640.55
4191834.19       50.20297  (14012009)
        653616.64   4191832.70       50.01402  (14012009)              653592.73
4191831.21       49.26314  (14012009)
        653568.82   4191829.71       47.98087  (14012009)              653544.90
4191828.22       46.20812  (14012009)
        653520.99   4191826.73       43.99824  (14012009)              653497.08
4191825.24       41.42045  (14012009)
        653473.17   4191823.75       38.55771  (14012009)              653449.26
4191822.26       35.49620  (14012009)
        653425.34   4191820.77       32.30857  (14012009)              653401.43
4191819.28       29.08162  (14012009)
        653377.52   4191817.79       25.88749  (14012009)              653353.61
4191816.30       25.64487  (17120618)
        653329.70   4191814.80       26.07789  (17120618)              653305.78
4191813.31       26.25045  (17120618)
        653281.87   4191811.82       26.15776  (17120618)              653257.96
4191810.33       25.93105  (17020802)
        653712.29   4191838.66       47.46887  (14012009)              653736.84
4191838.66       45.51147  (14012009)
        653761.39   4191838.66       43.12870  (14012009)              653785.94
4191838.66       40.38766  (14012009)
        653810.49   4191838.66       37.38786  (14012009)              653835.43
4187990.43     2593.47582  (14022208)
        653838.58   4187946.01     2229.71929  (17011303)              653841.72
4187901.59     2527.07198  (17011509)
        653852.47   4188008.72     2078.40112  (16120418)              653861.94
4187969.98     1909.28212  (17122719)
        653865.09   4187925.56     1761.23214  (17020824)              653868.23
4187881.14     2016.69848  (17011509)
        653877.41   4188010.49     1698.16988  (15122424)              653844.57
4188050.24     1987.32692  (14022307)
        653886.88   4187971.75     1574.24967  (17122621)              653890.02
4187927.33     1461.95701  (17011303)
        653893.17   4187882.91     1646.40954  (17011509)              653902.34
4188012.25     1439.71553  (15122424)
        653886.55   4188045.30     1505.73271  (14010220)              653861.61
4188068.54     1668.63859  (17120617)
        653911.81   4187973.52     1330.80897  (17122621)              653914.96
4187929.10     1262.21681  (17121319)
        653918.11   4187884.68     1182.09251  (17122619)              653950.64
4188019.09     1080.97724  (15122424)
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653931.69 4188058.75 1137.10965 (15010317) 653892.29
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654000.97 4188021.68 847.95568 (14021603) 653982.92
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653964.87 4188097.22 899.97142 (13020908) 653927.35
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653998.45 4188134.86 740.55321 (17120617) 653961.97
4188179.03 785.78633 (17123020)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653924.10	4188193.94	860.70092	(17120205)	653886.23	4188208.85	971.25207	(17012601)
653848.36	4188223.75	1012.69186	(17021405)	654061.44	4187984.12	667.39006	(14022208)
654064.59	4187939.70	651.63487	(17122519)	654067.73	4187895.28	614.56015	(17121319)
654100.26	4188029.70	577.26063	(14021603)	654081.31	4188069.36	601.23903	(15122617)

654062.36 4188109.01 612.00055 (14010220) 654043.41 4188148.67 612.26705 (14022307)
654024.46 4188188.33 666.42208 (17121119) 653994.54 4188216.21 665.85502 (17022407)
653953.64 4188232.31 714.53717 (17022408) 653912.74 4188248.41 798.92096 (17012601)
653871.84 4188264.51 824.21042 (17021405) 654111.31 4187987.66 568.32705 (14022208)
654114.46 4187943.24 541.88437 (17122719) 654117.61 4187898.82 513.59447 (17010504)
654150.40 4188032.68 490.18528 (14021603) 654131.98 4188071.24 506.33644 (14010519)
654113.55 4188109.80 530.88236 (15010317) 654095.13 4188148.35 527.55512 (13020908)
654076.71 4188186.91 527.56606 (17120617) 654058.28 4188225.47 567.90926 (17123020)
654029.19 4188252.57 580.47730 (17022407) 653989.42 4188268.22 595.51781 (17022408)
653949.66 4188283.88 652.77699 (17012601) 653909.90 4188299.53 656.47117 (17021405)
653870.13 4188315.18 654.50903 (17121904) 654161.19 4187991.19 491.32160 (14022208)
654164.34 4187946.77 452.39026 (17122719) 654167.48 4187902.35 449.95867 (17122519)
654249.89 4188040.30 370.45189 (14021603) 654230.94 4188079.96 384.68577 (14010519)
654211.99 4188119.62 393.93793 (15122617) 654193.04 4188159.28 400.48638 (14010220)
654174.09 4188198.94 403.74648 (14022307) 654155.14 4188238.60 400.36802 (14012706)
654136.19 4188278.25 433.62067 (17123020) 654096.79 4188325.96 444.59873 (17022407)
654055.89 4188342.06 445.83196 (17022408) 654014.99 4188358.16 472.72994 (17012601)
653974.09 4188374.26 482.56464 (17022706) 653933.19 4188390.36 496.12066 (17021405)
653892.29 4188406.46 475.64624 (17022508) 653851.39 4188422.56 486.06603 (17022508)
654260.94 4187998.26 380.84004 (14022208) 654264.09 4187953.84 350.18050 (17122621)
654267.23 4187909.42 358.51347 (17122519) 654349.97 4188046.67 294.11240 (15020206)
654331.69 4188084.94 298.30133 (15122424) 654313.40 4188123.21 311.92669 (15122617)
654295.11 4188161.48 323.04448 (15010317) 654276.83 4188199.74 321.36430 (14011317)
654258.54 4188238.01 322.05225 (14022307) 654240.26 4188276.28 321.02037 (17120617)
654221.97 4188314.55 347.67675 (17121119) 654203.69 4188352.81 332.31136 (17123020)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654262.90	4188444.72	275.18372	(17022407)	654233.43	4188472.18	272.07249	(17022407)
654193.15	4188488.03	282.15228	(17022408)	654152.87	4188503.89	296.91376	(17122321)
654112.59	4188519.74	310.60896	(17012601)	654072.31	4188535.60	299.64592	(17022706)

654032.03 4188551.45 317.67491 (17021405) 653991.75
4188567.31 296.37800 (17121904)
653951.47 4188583.17 317.88186 (17022508) 653911.19
4188599.02 304.16052 (17022508)
653870.91 4188614.88 301.96792 (17121401) 654460.44
4188012.40 253.66572 (14022208)
654463.59 4187967.98 223.06640 (16010203) 654466.73
4187923.56 224.16133 (17122719)
654549.14 4188061.51 204.37350 (15020206) 654530.19
4188101.17 209.66919 (15122424)
654511.24 4188140.83 214.22025 (14010519) 654492.29
4188180.48 220.38880 (15122617)
654473.34 4188220.14 224.38448 (15010317) 654454.39
4188259.80 221.59275 (14010220)
654435.43 4188299.46 222.46671 (13020908) 654416.48
4188339.12 218.30690 (17120617)
654397.53 4188378.78 221.73410 (14012706) 654378.58
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654359.63 4188458.10 236.17869 (17123020) 654340.68
4188497.76 224.29237 (17120122)
654301.28 4188545.46 222.01114 (17120205) 654260.38
4188561.56 235.07694 (17022408)
654219.48 4188577.66 247.98873 (17122321) 654178.58
4188593.76 259.61503 (17012601)
654137.68 4188609.86 253.31345 (17022706) 654096.79
4188625.96 266.34036 (17021405)
654055.89 4188642.06 259.41285 (17121904) 654014.99
4188658.16 245.32695 (17122223)
653974.09 4188674.26 270.13462 (17022508) 653933.19
4188690.36 245.36941 (17121401)
653892.29 4188706.46 250.93450 (17123005) 653851.39
4188722.56 262.10690 (17120207)
654560.19 4188019.47 214.48823 (14022208) 654563.34
4187975.05 193.37016 (16010203)
654566.48 4187930.63 192.91592 (17122621) 654648.78
4188068.81 175.48028 (15020206)
654629.60 4188108.94 179.47774 (15122424) 654610.42
4188149.08 182.29626 (14010519)
654591.25 4188189.21 186.02036 (15122617) 654572.07
4188229.34 189.18099 (13020204)
654552.89 4188269.47 188.23864 (13121420) 654533.72
4188309.60 191.04839 (14011317)
654514.54 4188349.73 190.94036 (14022307) 654495.37
4188389.86 191.24006 (17120617)
654476.19 4188429.99 190.42008 (14012706) 654457.01
4188470.12 207.57609 (17121119)
654437.84 4188510.25 204.44566 (17123020) 654418.66
4188550.39 187.98544 (17120122)
654399.49 4188590.52 203.52278 (17022407) 654369.20
4188618.73 191.19454 (17120205)

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        654327.82   4188635.02      199.93578  (17022408)                654286.43
4188651.31      211.64094  (17122321)
        654245.05   4188667.60      219.98422  (17012601)                654203.66
4188683.89      214.23789  (17022706)
        654162.27   4188700.18      217.59297  (17021405)                654120.89
4188716.48      221.84945  (17021405)
        654079.50   4188732.77      213.24237  (17121904)                654038.11
4188749.06      211.67582  (17022508)
        653996.73   4188765.35      229.38581  (17022508)                653955.34
4188781.64      212.73589  (17121401)
        653913.96   4188797.93      214.01166  (17123005)                653872.57
4188814.22      224.17296  (17120207)
        654659.94   4188026.54      184.47422  (14022208)                654663.09
4187982.12      168.94624  (16010203)
        654666.23   4187937.70      166.07692  (17122621)                654898.35
4188086.07      127.13479  (15020206)
        654879.57   4188125.37      129.78554  (14021603)                654860.79
4188164.67      129.20468  (15122424)
        654842.01   4188203.98      133.42276  (14010519)                654823.23
4188243.28      134.76318  (15122617)
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4188321.88      139.59883  (15010317)
        654766.89   4188361.18      137.76061  (14010220)                654748.11
4188400.48      138.74954  (14022106)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 495
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        654729.33   4188439.79      137.79531  (16120603)                654710.55
4188479.09      136.06308  (14122608)
        654691.77   4188518.39      139.28802  (17120617)                654672.99
4188557.69      137.48371  (17121119)
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        654654.21   4188596.99      150.77769  (17121119)              654635.43
4188636.29      150.46694  (17123020)
        654616.65   4188675.60      133.75548  (17123020)              654597.87
4188714.90      141.29928  (17022407)
        654579.09   4188754.20      147.22897  (17022407)              654540.05
4188801.48      137.01457  (17120205)
        654499.51   4188817.43      142.47264  (17022408)              654458.98
4188833.39      152.24229  (17122321)
        654418.45   4188849.34      149.04002  (17012601)              654377.92
4188865.30      156.98933  (17012601)
        654337.39   4188881.25      153.40216  (17022706)              654296.86
4188897.21      151.30443  (17011608)
        654256.33   4188913.16      162.29682  (17021405)              654215.80
4188929.11      156.81872  (17121904)
        654175.27   4188945.07      145.81079  (17121904)              654134.74
4188961.02      146.30339  (17022508)
        654094.21   4188976.98      163.44085  (17022508)              654053.68
4188992.93      155.13467  (17022508)
        654013.14   4189008.89      154.51250  (17121401)              653972.61
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        653932.08   4189040.80      161.10809  (17120207)              653891.55
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        653851.02   4189072.71      133.37940  (16010408)              654909.31
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        654912.46   4187999.79      124.51991  (16010203)              654915.61
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        655147.64   4188103.92       97.72484  (15020206)              655128.69
4188143.58       98.95100  (14021603)
        655109.74   4188183.24      100.55163  (15122424)              655090.79
4188222.90       99.20257  (14010519)
        655071.84   4188262.56      102.36261  (14010519)              655052.88
4188302.22      104.45100  (15122617)
        655033.93   4188341.88      103.88624  (15121621)              655014.98
4188381.54      107.67847  (15010317)
        654996.03   4188421.19      105.20346  (13121420)              654977.08
4188460.85      106.43479  (14011317)
        654958.13   4188500.51      106.55186  (14022106)              654939.18
4188540.17      106.32252  (14022307)
        654920.23   4188579.83      104.93510  (14122608)              654901.28
4188619.49      107.79669  (17120617)
        654882.33   4188659.15      106.44278  (14012706)              654863.38
4188698.81      117.47733  (13103008)
        654844.43   4188738.47      115.24677  (17121119)              654825.48
4188778.12      115.53776  (17123020)
        654806.53   4188817.78      102.60033  (17123020)              654787.58
4188857.44      106.78329  (17120122)
        654768.63   4188897.10      114.14045  (17022407)              654749.68
4188936.76      108.20604  (13121109)
        654710.28   4188984.47      103.70313  (17022408)              654669.38
4189000.57      108.63483  (17122321)
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        654628.48   4189016.67      116.04101  (17122321)                654587.58
4189032.77      108.11024  (17122321)
        654546.68   4189048.87      119.45492  (17012601)                654505.78
4189064.97      115.47074  (17012601)
        654464.88   4189081.07      116.91393  (17022706)                654423.98
4189097.17      115.49730  (17011608)
        654383.08   4189113.27      123.63978  (17021405)                654342.18
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4189161.56      112.87720  (17122223)
        654219.48   4189177.66      113.71414  (17022508)                654178.58
4189193.76      124.24560  (17022508)
        654137.68   4189209.86      119.67383  (17022508)                654096.79
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        654055.89   4189242.06      118.06074  (17121401)                654014.99
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        653974.09   4189274.26      122.56990  (17120207)                653933.19
4189290.36      112.78683  (17012905)
        653892.29   4189306.46      101.88284  (16010408)                653851.39
4189322.56      100.66217  (16021023)
        655158.69   4188061.88      103.06943  (14022208)                655161.83
4188017.46       97.75954  (14022208)
        655164.98   4187973.04       92.20538  (16010203)                655396.95
4188121.72       78.20203  (15020206)
        655377.88   4188161.63       78.20594  (14021603)                655358.81
4188201.54       79.97799  (14021603)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 496
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        655339.74   4188241.45       79.34293  (15122424)                655320.67
4188281.35       81.59467  (16120418)
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655301.60 4188321.26 81.77112 (17122919) 655282.53
4188361.17 84.12832 (15122617)
655263.46 4188401.08 83.29350 (15121621) 655244.39
4188440.99 85.91572 (15010317)
655225.32 4188480.90 84.13098 (15010317) 655206.25
4188520.80 85.21154 (14010220)
655187.19 4188560.71 85.46836 (14011317) 655168.12
4188600.62 85.63264 (13020908)
655149.05 4188640.53 85.61981 (14022307) 655129.98
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4188999.70 90.27119 (13121109)
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4189141.79 78.87662 (13121109)
655148.18 4189181.89 88.43291 (13121109) 655129.03
4189221.98 91.44544 (13121109)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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654306.65 4189643.35 79.30912 (17022508) 654265.30
4189659.63 71.49779 (17022508)
654223.95 4189675.90 75.59150 (17121401) 654182.61
4189692.18 77.05887 (17121401)
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656011.87 4188453.50 49.39816 (13121709) 655992.84
4188493.33 53.98372 (13121709)
655973.81 4188533.16 53.57280 (13121709) 655954.78
4188572.98 50.37310 (15122617)
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655309.70 4189748.51 62.80544 (13121809) 655268.62
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655227.55 4189780.85 50.36439 (17122321) 655186.47
4189797.02 53.34795 (17012601)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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4188771.30       39.44172  (15010317)
        656356.50   4188811.38       39.79283  (15010317)               656337.35
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        656318.20   4188891.55       39.09134  (15010318)               656299.04
4188931.63       39.48985  (14010220)
        656279.89   4188971.71       39.30062  (14011317)               656260.74
4189011.79       39.63849  (14022106)
        656241.59   4189051.87       39.41780  (13020908)               656222.44
4189091.95       39.34124  (16120603)
        656203.28   4189132.03       39.67119  (14022307)               656184.13
4189172.11       39.30100  (14022307)
        656164.98   4189212.19       38.74002  (14022207)               656145.83
4189252.27       39.63138  (17120617)
        656126.68   4189292.35       40.34615  (13103008)               656107.52
4189332.43       51.77030  (13103008)
        656088.37   4189372.51       61.68953  (13103008)               656069.22
4189412.60       68.29638  (13103008)
        656050.07   4189452.68       70.28931  (13103008)               656030.91
4189492.76       67.29262  (13103008)
        656011.76   4189532.84       59.96797  (13103008)               655992.61
4189572.92       49.78623  (13103008)
        655973.46   4189613.00       42.27892  (17123020)               655954.31
4189653.08       39.00154  (17123020)
        655935.15   4189693.16       47.02739  (13121109)               655916.00
4189733.24       55.14817  (13121109)
        655896.85   4189773.32       61.69923  (13121109)               655877.70
4189813.40       65.90018  (13121109)
        655858.54   4189853.48       67.25129  (13121109)               655839.39
4189893.57       65.63331  (13121109)
        655820.24   4189933.65       61.31569  (13121109)               655801.09
4189973.73       54.88245  (13121109)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 499
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655781.94	4190013.81	47.12169	(13121109)	655762.78	4190053.89	47.60870	(13121809)
655732.54	4190082.06	52.74159	(13121809)	655691.21	4190098.34	55.33276	(13121809)
655649.87	4190114.61	54.73865	(13121809)	655608.54	4190130.88	50.99876	(13121809)
655567.20	4190147.15	44.70138	(13121809)	655525.87	4190163.42	37.75319	(17012601)
655484.53	4190179.69	41.43940	(17012601)	655443.20	4190195.96	43.21010	(17012601)
655401.87	4190212.23	42.75976	(17012601)	655360.53	4190228.50	40.11698	(17012601)
655319.20	4190244.77	41.54805	(17022706)	655277.86	4190261.04	41.94513	(17022706)
655236.53	4190277.31	41.08033	(17022324)	655195.19	4190293.59	41.50731	(17011608)
655153.86	4190309.86	43.20085	(17021405)	655112.52	4190326.13	44.55880	(17021405)
655071.19	4190342.40	43.55119	(17021405)	655029.86	4190358.67	41.13361	(17121904)
654988.52	4190374.94	43.38922	(17121904)	654947.19	4190391.21	42.76607	(17121904)
654905.85	4190407.48	39.70579	(17031322)	654864.52	4190423.75	40.29769	(17122223)
654823.18	4190440.02	40.26744	(17122223)	654781.85	4190456.29	39.22012	(17041006)
654740.51	4190472.57	42.25680	(17120204)	654699.18	4190488.84	43.95810	(17022508)
654657.85	4190505.11	44.35404	(17022508)	654616.51	4190521.38	42.71862	(17022508)
654575.18	4190537.65	39.27985	(17022508)	654533.84	4190553.92	39.03943	(17031102)
654492.51	4190570.19	41.58835	(17121401)	654451.17	4190586.46	42.57462	(17121401)
654409.84	4190602.73	41.46166	(17121401)	654368.50	4190619.00	42.26104	(17123005)
654327.17	4190635.27	42.26049	(17120207)	654285.84	4190651.54	44.34377	(17120207)
654244.50	4190667.82	43.70268	(17120207)	654203.17	4190684.09	41.10268	(17012905)
654161.83	4190700.36	38.88438	(17012905)	654120.50	4190716.63	36.31023	(16010408)
654079.16	4190732.90	36.55221	(16010408)	654037.83	4190749.17	39.28402	(14012409)
653996.49	4190765.44	43.62912	(14012409)	653955.16	4190781.71	45.36181	(14012409)

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        653913.83   4190797.98       44.20700  (14012409)                653872.49
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4188123.50       37.89011  (14022208)
        656661.23   4188079.08       36.50910  (14022208)                657142.58
4188245.43       28.57801  (14022208)
        657123.51   4188285.32       29.08766  (15020206)                657104.45
4188325.22       28.64901  (15020206)
        657085.38   4188365.12       29.15121  (14021603)                657066.32
4188405.01       29.58894  (14021603)
        657047.25   4188444.91       29.73743  (15122424)                657028.19
4188484.81       29.54722  (15122424)
        657009.13   4188524.71       29.11241  (14021120)                656990.06
4188564.60       29.33452  (16120418)
        656971.00   4188604.50       32.07362  (13121709)                656951.93
4188644.40       37.35280  (13121709)
        656932.87   4188684.29       40.96209  (13121709)                656913.80
4188724.19       42.27350  (13121709)
        656894.74   4188764.09       41.02230  (13121709)                656875.68
4188803.98       37.39834  (13121709)
        656856.61   4188843.88       32.00397  (13121709)                656837.55
4188883.78       31.36429  (13020204)
        656818.48   4188923.68       31.90547  (15010317)                656799.42
4188963.57       31.64041  (15010317)
        656780.35   4189003.47       30.82229  (15010318)                656761.29
4189043.37       31.34510  (15010318)
        656742.22   4189083.26       31.62951  (14010220)                656723.16
4189123.16       31.30256  (14011317)
        656704.10   4189163.06       31.44123  (14022106)                656685.03
4189202.96       31.69611  (14022106)
        656665.97   4189242.85       31.55801  (13020908)                656646.90
4189282.75       31.56411  (16120603)
        656627.84   4189322.65       31.71875  (14022307)                656608.77
4189362.54       31.68737  (14022307)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 500
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656589.71	4189402.44	31.16540	(14122608)	656570.65	4189442.34	31.27351	(14022207)
656551.58	4189482.24	31.96001	(17120617)	656532.52	4189522.13	35.78338	(13103008)
656513.45	4189562.03	44.89334	(13103008)	656494.39	4189601.93	53.09830	(13103008)
656475.32	4189641.82	59.23018	(13103008)	656456.26	4189681.72	62.32318	(13103008)
656437.19	4189721.62	61.86997	(13103008)	656418.13	4189761.52	57.96265	(13103008)
656399.07	4189801.41	51.26880	(13103008)	656380.00	4189841.31	42.83302	(13103008)
656360.94	4189881.21	34.11662	(17123020)	656341.87	4189921.10	32.06881	(17123020)
656322.81	4189961.00	36.41527	(13121109)	656303.74	4190000.90	43.35077	(13121109)
656284.68	4190040.79	49.68268	(13121109)	656265.62	4190080.69	54.78585	(13121109)
656246.55	4190120.59	58.14452	(13121109)	656227.49	4190160.49	59.46936	(13121109)
656208.42	4190200.38	58.82105	(13121109)	656189.36	4190240.28	56.18893	(13121109)
656170.29	4190280.18	51.86732	(13121109)	656151.23	4190320.07	46.29127	(13121109)
656132.16	4190359.97	39.97099	(13121109)	656113.10	4190399.87	41.17072	(13121809)
656073.46	4190447.86	47.27188	(13121809)	656032.32	4190464.06	49.12553	(13121809)
655991.17	4190480.26	48.72537	(13121809)	655950.03	4190496.45	46.09051	(13121809)
655908.88	4190512.65	41.55361	(13121809)	655867.74	4190528.85	35.67094	(13121809)
655826.59	4190545.04	30.79406	(17012601)	655785.45	4190561.24	33.25012	(17012601)
655744.30	4190577.43	34.46761	(17012601)	655703.16	4190593.63	34.27819	(17012601)
655662.01	4190609.83	32.68339	(17012601)	655620.87	4190626.02	32.34427	(17022706)
655579.72	4190642.22	33.41150	(17022706)	655538.58	4190658.42	33.25587	(17022706)
655497.43	4190674.61	32.69063	(17022324)	655456.29	4190690.81	32.89048	(17011608)
655415.14	4190707.00	34.17260	(17011608)	655374.00	4190723.20	35.33393	(17021405)

655332.85 4190739.40 35.38210 (17021405) 655291.71
4190755.59 33.94329 (17021405)
655250.56 4190771.79 33.19080 (17121904) 655209.42
4190787.99 34.68059 (17121904)
655168.27 4190804.18 34.34059 (17121904) 655127.13
4190820.38 32.21232 (17121904)
655085.98 4190836.57 31.56604 (17122223) 655044.84
4190852.77 32.26278 (17122223)
655003.69 4190868.97 31.76159 (17122223) 654962.55
4190885.16 31.27939 (17120204)
654921.40 4190901.36 33.65432 (17120204) 654880.26
4190917.56 34.63026 (17022508)
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4190949.95 34.74415 (17022508)
654756.82 4190966.15 32.92759 (17022508) 654715.68
4190982.34 30.08288 (17022508)
654674.53 4190998.54 31.18091 (17031102) 654633.39
4191014.73 32.86962 (17121401)
654592.24 4191030.93 33.87954 (17121401) 654551.10
4191047.13 33.56297 (17121401)
654509.95 4191063.32 33.21468 (17123005) 654468.81
4191079.52 33.76066 (17123005)
654427.66 4191095.72 33.98008 (17120207) 654386.52
4191111.91 35.40636 (17120207)
654345.37 4191128.11 35.10472 (17120207) 654304.23
4191144.30 33.13518 (17120207)
654263.08 4191160.50 31.86812 (17012905) 654221.94
4191176.70 29.65745 (17012905)
654180.79 4191192.89 29.12251 (16010408) 654139.65
4191209.09 29.09668 (16010408)
654098.50 4191225.29 34.02967 (14012409) 654057.36
4191241.48 37.86323 (14012409)
654016.21 4191257.68 39.97679 (14012409) 653975.07
4191273.87 40.08310 (14012409)
653933.92 4191290.07 38.19728 (14012409) 653892.78
4191306.27 34.62549 (14012409)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653851.63	4191322.46	33.84620	(14012009)	657153.68	4188203.27	29.90451	(14022208)
657156.83	4188158.85	30.34324	(14022208)	657159.98	4188114.43	29.67530	(14022208)
657641.28	4188280.86	25.13821	(15012910)	657622.13	4188320.94	25.65901	(15012910)
657602.98	4188361.01	25.42697	(15012910)	657583.83	4188401.09	24.46105	(15012910)
657564.69	4188441.16	24.26315	(14021603)	657545.54	4188481.24	24.29114	(14021603)
657526.39	4188521.31	24.53987	(15122424)	657507.24	4188561.39	24.25863	(15122424)
657488.09	4188601.46	23.95796	(14021120)	657468.94	4188641.54	24.04352	(15122502)
657449.79	4188681.61	26.62187	(13121709)	657430.64	4188721.69	31.42323	(13121709)
657411.49	4188761.76	35.27469	(13121709)	657392.34	4188801.84	37.63703	(13121709)
657373.19	4188841.91	38.13625	(13121709)	657354.04	4188881.99	36.67555	(13121709)
657334.89	4188922.06	33.45948	(13121709)	657315.74	4188962.14	28.94489	(13121709)
657296.59	4189002.22	25.80195	(13020204)	657277.44	4189042.29	26.06698	(15010317)
657258.29	4189082.37	26.32418	(15010317)	657239.14	4189122.44	25.66067	(15010317)
657219.99	4189162.52	25.62437	(15010318)	657200.84	4189202.59	25.82308	(15010318)
657181.69	4189242.67	26.07810	(14010220)	657162.55	4189282.74	25.75530	(14010220)
657143.40	4189322.82	25.76744	(14011317)	657124.25	4189362.89	26.18551	(14022106)
657105.10	4189402.97	25.87498	(13020908)	657085.95	4189443.04	25.87535	(13020908)
657066.80	4189483.12	26.05942	(16120603)	657047.65	4189523.19	26.20342	(14022307)
657028.50	4189563.27	26.09027	(14022307)	657009.35	4189603.34	25.72385	(14122608)
656990.20	4189643.42	25.77325	(14022207)	656971.05	4189683.49	26.16154	(17120617)
656951.90	4189723.57	26.72064	(13103008)	656932.75	4189763.65	34.24504	(13103008)

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4189843.80       48.39180  (13103008)
        656875.30   4189883.87       53.41517  (13103008)                656856.15
4189923.95       56.13313  (13103008)
        656837.00   4189964.02       56.17916  (13103008)                656817.85
4190004.10       53.56456  (13103008)
        656798.70   4190044.17       48.67076  (13103008)                656779.55
4190084.25       42.15284  (13103008)
        656760.41   4190124.32       34.81258  (13103008)                656741.26
4190164.40       27.89553  (17123020)
        656722.11   4190204.47       26.15816  (17123020)                656702.96
4190244.55       30.99980  (13121109)
        656683.81   4190284.62       36.76263  (13121109)                656664.66
4190324.70       42.24082  (13121109)
        656645.51   4190364.77       47.03154  (13121109)                656626.36
4190404.85       50.75785  (13121109)
        656607.21   4190444.92       53.10546  (13121109)                656588.06
4190485.00       53.90036  (13121109)
        656568.91   4190525.08       53.08580  (13121109)                656549.76
4190565.15       50.75703  (13121109)
        656530.61   4190605.23       47.13327  (13121109)                656511.46
4190645.30       42.53677  (13121109)
        656492.31   4190685.38       37.32217  (13121109)                656473.16
4190725.45       33.70646  (13121809)
        656454.01   4190765.53       38.22934  (13121809)                656414.20
4190813.74       42.93070  (13121809)
        656372.87   4190830.01       44.33437  (13121809)                656331.54
4190846.27       44.01285  (13121809)
        656290.21   4190862.54       41.97519  (13121809)                656248.88
4190878.81       38.43463  (13121809)
        656207.56   4190895.08       33.76834  (13121809)                656166.23
4190911.35       28.45344  (13121809)
        656124.90   4190927.62       25.82856  (17012601)                656083.57
4190943.89       27.52351  (17012601)
        656042.24   4190960.15       28.34818  (17012601)                656000.91
4190976.42       28.20638  (17012601)
        655959.58   4190992.69       27.09933  (17012601)                655918.25
4191008.96       26.43512  (17022604)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 502
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655876.93	4191025.23	27.13658	(17022706)	655835.60	4191041.50	27.50226	(17022706)
655794.27	4191057.77	27.02017	(17022706)	655752.94	4191074.03	26.74266	(17022324)
655711.61	4191090.30	27.09560	(17011608)	655670.28	4191106.57	28.10431	(17011608)
655628.95	4191122.84	28.86355	(17021405)	655587.62	4191139.11	29.19917	(17021405)
655546.30	4191155.38	28.50624	(17021405)	655504.97	4191171.65	26.84817	(17021405)
655463.64	4191187.91	27.80189	(17121904)	655422.31	4191204.18	28.62217	(17121904)
655380.98	4191220.45	28.17708	(17121904)	655339.65	4191236.72	26.51567	(17121904)
655298.32	4191252.99	25.61955	(17122223)	655257.00	4191269.26	26.39069	(17122223)
655215.67	4191285.53	26.35074	(17122223)	655174.34	4191301.80	25.80601	(17041006)
655133.01	4191318.06	26.37764	(17120204)	655091.68	4191334.33	27.90269	(17120204)
655050.35	4191350.60	28.38924	(17022508)	655009.02	4191366.87	28.93646	(17022508)
654967.69	4191383.14	28.60131	(17022508)	654926.37	4191399.41	27.41596	(17022508)
654885.04	4191415.68	25.48748	(17022508)	654843.71	4191431.94	24.84319	(17021601)
654802.38	4191448.21	25.95837	(17031102)	654761.05	4191464.48	27.17451	(17121401)
654719.72	4191480.75	27.83327	(17121401)	654678.39	4191497.02	27.58277	(17121401)
654637.06	4191513.29	27.05403	(17123005)	654595.74	4191529.56	27.83492	(17123005)
654554.41	4191545.82	27.34745	(17123005)	654513.08	4191562.09	28.60831	(17120207)
654471.75	4191578.36	29.21809	(17120207)	654430.42	4191594.63	28.63611	(17120207)
654389.09	4191610.90	27.03861	(17012905)	654347.76	4191627.17	26.16014	(17012905)
654306.43	4191643.44	24.53529	(17012905)	654265.11	4191659.71	23.73015	(16010408)

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        654223.78   4191675.97       24.03758  (16010408)                654182.45
4191692.24       27.68021  (14012409)
        654141.12   4191708.51       31.58795  (14012409)                654099.79
4191724.78       34.49037  (14012409)
        654058.46   4191741.05       36.06878  (14012409)                654017.13
4191757.32       36.13741  (14012409)
        653975.80   4191773.59       34.70520  (14012409)                653934.48
4191789.85       31.96561  (14012409)
        653893.15   4191806.12       28.25889  (14012409)                653851.82
4191822.39       32.02418  (14012009)
        657652.43   4188238.61       24.49604  (14022208)                657655.58
4188194.19       24.95007  (14022208)
        657658.73   4188149.77       24.65037  (14022208)                653819.03
4187852.62     2079.24369  (17012908)
        653794.25   4187851.96     2332.36360  (17120120)                653769.47
4187851.29     2589.90432  (17012903)
        653744.69   4187850.63     2770.32291  (17122701)                653719.92
4187849.97     2905.06172  (17122917)
        653695.14   4187849.31     2903.30893  (17123009)                653837.55
4187835.82     1760.55316  (17012908)
        653794.92   4187826.97     2043.21093  (17020801)                653770.14
4187826.30     2205.72121  (17122920)
        653745.36   4187825.64     2296.22580  (17013024)                653720.58
4187824.98     2308.92401  (17122917)
        653695.81   4187824.32     2467.90665  (17123009)                653838.21
4187810.83     1512.14537  (17011508)
        653880.33   4187845.79     1505.75235  (17122320)                653795.59
4187801.97     1709.53251  (17012903)
        653770.81   4187801.31     1828.08017  (17012804)                653746.03
4187800.65     1922.95327  (17013024)
        653721.25   4187799.99     1888.64814  (15011509)                653696.47
4187799.33     2112.58064  (17123009)
        653838.88   4187785.84     1394.74290  (17120120)                653874.58
4187802.23     1302.67979  (17012908)
        653898.85   4187828.99     1325.12524  (17122320)                653796.25
4187776.98     1520.51421  (17122920)
        653771.47   4187776.32     1560.12937  (17122319)                653746.70
4187775.66     1596.02537  (17122917)
        653721.92   4187775.00     1615.73357  (15011509)                653697.14
4187774.34     1831.11813  (17123009)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 503
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
```

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653843.79	4187737.50	1176.49168	(17020801)	653865.21	4187747.33	1112.83177	(17120120)
653886.63	4187757.17	1036.94270	(17011508)	653908.05	4187767.00	1029.96360	(17012908)
653937.17	4187799.11	1048.77736	(17122320)	653944.87	4187821.39	1138.42408	(17011509)
653952.58	4187843.66	1202.14793	(17011509)	653960.28	4187865.94	931.83295	(17122619)
653822.37	4187727.66	1141.48873	(17122920)	653797.59	4187727.00	1212.97803	(17012804)
653772.81	4187726.34	1233.95227	(17012520)	653748.03	4187725.68	1298.47820	(17122917)
653723.25	4187725.02	1222.47936	(15011509)	653698.48	4187724.35	1414.83441	(17123009)
653844.10	4187687.05	951.19736	(17012903)	653884.90	4187705.78	889.97411	(17120120)
653905.30	4187715.15	867.66635	(17120120)	653946.10	4187733.88	809.66023	(17012908)
653973.84	4187764.46	860.02022	(17122320)	653988.51	4187806.89	1002.04062	(17011509)
654003.19	4187849.32	761.51251	(17122619)	653798.92	4187677.02	982.21812	(17012520)
653774.15	4187676.36	1007.66369	(17013024)	653749.37	4187675.70	1062.07394	(17122917)
653724.59	4187675.03	995.53760	(17011719)	653699.81	4187674.37	1146.74437	(17123009)
653847.35	4187637.94	831.42690	(17122920)	653869.66	4187648.19	805.49355	(17012903)
653891.97	4187658.43	822.45022	(17020801)	653914.29	4187668.68	761.80263	(17120120)
653936.60	4187678.92	727.12156	(17011508)	653958.91	4187689.17	729.69660	(17012908)
653981.23	4187699.41	669.95409	(17012908)	654011.56	4187732.86	721.16555	(17122320)
654019.59	4187756.06	739.36676	(17121219)	654027.61	4187779.26	833.93142	(17011509)
654035.64	4187802.47	803.42270	(17011509)	654043.66	4187825.67	632.97413	(17122619)

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        654051.69   4187848.88      619.70672  (17020824)                654059.71
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        653825.04   4187627.70      812.45741  (17122319)                653800.26
4187627.04      830.48414  (17012520)
        653775.48   4187626.38      822.27108  (17122917)                653750.70
4187625.71      863.40860  (17122917)
        653725.92   4187625.05      833.84249  (17011719)                653701.15
4187624.39      953.99940  (17123009)
        653847.79   4187587.55      708.29271  (17012804)                653869.21
4187597.39      715.59232  (17122920)
        653890.63   4187607.22      690.84903  (17012903)                653912.05
4187617.06      705.73658  (17020801)
        653933.47   4187626.89      631.24690  (17020801)                653954.89
4187636.72      648.20322  (17120120)
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4187656.39      626.66626  (17012908)
        654019.15   4187666.23      561.22524  (17120121)                654048.28
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        654055.98   4187720.61      626.66536  (17121219)                654063.68
4187742.89      665.43511  (17011509)
        654071.39   4187765.16      726.96019  (17011509)                654079.09
4187787.44      643.82600  (17011509)
        654086.80   4187809.72      543.60527  (17122619)                654094.50
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4187876.54      511.86571  (17121319)
        653826.37   4187577.72      693.51296  (17012520)                653801.59
4187577.06      707.41684  (17013024)
        653776.82   4187576.39      730.10019  (17122917)                653752.04
4187575.73      706.71584  (17122917)
        653727.26   4187575.07      709.73298  (17011719)                653702.48
4187574.41      807.42633  (17123009)
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4187546.86      612.00808  (17012804)
        653890.18   4187556.42      620.78190  (17122920)                653911.01
4187565.98      601.45667  (17012903)
        653931.83   4187575.54      611.67321  (17020801)                653952.66
4187585.10      577.37664  (17020801)
        653973.48   4187594.66      573.82744  (17120120)                653994.31
4187604.23      541.02346  (17011508)
        654015.13   4187613.79      529.11993  (17012908)                654035.96
4187623.35      537.43202  (17012908)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 504
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654056.78	4187632.91	479.23070	(17120121)	654085.10	4187664.13	527.66619	(17122320)
654092.59	4187685.79	531.66198	(17121219)	654100.08	4187707.44	544.53662	(17121320)
654107.57	4187729.10	620.74438	(17011509)	654115.06	4187750.76	618.23778	(17011509)
654122.55	4187772.41	517.30793	(17011509)	654130.04	4187794.07	472.23929	(17122619)
654137.53	4187815.73	457.99438	(17020824)	654145.02	4187837.38	445.30451	(17020824)
654152.51	4187859.04	448.58054	(17011303)	654159.99	4187880.70	453.73473	(17121319)
653827.71	4187527.73	601.78839	(17012520)	653802.93	4187527.07	590.05088	(17013024)
653778.15	4187526.41	639.19360	(17122917)	653753.37	4187525.75	584.02761	(17122917)
653728.60	4187525.09	613.12119	(17011719)	653703.82	4187524.42	694.70656	(17123009)
653851.80	4187437.61	471.82920	(17012520)	653873.22	4187447.44	462.78774	(17012520)
653894.64	4187457.27	484.95870	(17012804)	653916.06	4187467.11	489.25866	(17122518)
653937.48	4187476.94	467.17735	(17122920)	653958.90	4187486.78	463.36745	(17012903)
653980.32	4187496.61	482.53707	(17020801)	654001.74	4187506.45	450.94583	(17020801)
654023.16	4187516.28	448.53994	(17120120)	654044.58	4187526.12	425.65079	(17120120)
654066.00	4187535.95	413.49992	(17011508)	654087.42	4187545.79	426.35862	(17012908)
654108.84	4187555.62	408.13507	(17012908)	654130.26	4187565.45	365.57521	(17120121)
654159.38	4187597.57	407.43279	(17122320)	654167.09	4187619.84	417.78156	(17122320)
654174.79	4187642.12	431.07815	(17121219)	654182.49	4187664.39	449.34439	(17011509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654319.91	4187780.36	279.11699	(17020824)	654327.75	4187803.05	285.77998	(17011303)
654335.60	4187825.74	285.51235	(17121319)	654343.45	4187848.43	281.42067	(17121319)
654351.29	4187871.11	283.38377	(17122519)	654359.14	4187893.80	292.30538	(17122519)
653833.05	4187327.81	363.13627	(17122917)	653808.27	4187327.14	393.81601	(17122917)
653783.49	4187326.48	370.47204	(17122917)	653758.72	4187325.82	355.15066	(15011509)
653733.94	4187325.16	381.76750	(17011719)	653709.16	4187324.50	427.11398	(17123009)
653857.82	4187237.99	289.85725	(17122917)	653879.92	4187248.14	318.06508	(17013024)
653902.02	4187258.28	321.29400	(17012520)	653924.12	4187268.43	318.52042	(17012520)
653946.22	4187278.58	325.36498	(17122319)	653968.32	4187288.72	325.38500	(17012804)
653990.42	4187298.87	332.79831	(17122920)	654012.52	4187309.02	318.37426	(17122920)
654034.62	4187319.16	320.08211	(17012903)	654056.72	4187329.31	314.72492	(17020801)
654078.82	4187339.46	327.77150	(17020801)	654100.92	4187349.60	301.57569	(17020801)
654123.02	4187359.75	300.76035	(17120120)	654145.12	4187369.90	300.87659	(17120120)
654167.22	4187380.04	287.29184	(17011508)	654189.32	4187390.19	275.02282	(17011508)
654211.42	4187400.34	287.57149	(17012908)	654233.52	4187410.48	284.58651	(17012908)
654255.62	4187420.63	261.75034	(17120121)	654277.72	4187430.78	238.10160	(17013019)
654307.77	4187463.91	267.65291	(17122320)	654315.72	4187486.89	285.03613	(17122320)

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        654323.67   4187509.87      280.59412  (17121219)                654331.62
4187532.86      292.10741  (17121219)
        654339.56   4187555.84      293.08515  (17121320)                654347.51
4187578.82      329.32436  (17011509)
        654355.46   4187601.80      335.50862  (17011509)                654363.41
4187624.79      309.01976  (17011509)
        654371.36   4187647.77      256.74348  (17011509)                654379.30
4187670.75      246.97559  (17122619)
        654387.25   4187693.73      245.38846  (17122619)                654395.20
4187716.72      240.78856  (17020824)
        654403.15   4187739.70      241.88649  (17020824)                654411.10
4187762.68      232.52558  (17011303)
        654419.04   4187785.66      236.34559  (17011303)                654426.99
4187808.65      239.71366  (17121319)
        654434.94   4187831.63      234.01193  (17010504)                654442.89
4187854.61      234.71703  (17122519)
        654450.84   4187877.59      244.30694  (17122519)                654458.79
4187900.58      235.85134  (17122719)
        653835.72   4187227.84      319.65754  (17122917)                653810.94
4187227.18      321.43795  (17122917)
        653786.16   4187226.52      292.88099  (17120822)                653761.39
4187225.86      294.88878  (15011509)
        653736.61   4187225.19      316.48465  (17123009)                653711.83
4187224.53      351.82186  (17123009)
        653860.70   4187138.12      266.06887  (17122917)                653883.02
4187148.37      254.22207  (17013024)
        653905.33   4187158.61      272.42987  (17013024)                653927.64
4187168.86      274.46289  (17012520)
        653949.95   4187179.10      272.40658  (17012520)                653972.27
4187189.34      276.76956  (17122319)
        653994.58   4187199.59      280.57730  (17012804)                654016.89
4187209.83      284.36488  (17122518)
        654039.20   4187220.08      281.30625  (17122920)                654061.52
4187230.32      272.73987  (17012903)
        654083.83   4187240.57      268.05735  (17012903)                654106.14
4187250.81      273.31460  (17020801)
        654128.45   4187261.05      278.39621  (17020801)                654150.77
4187271.30      254.81454  (17020801)
        654173.08   4187281.54      254.54808  (17120120)                654195.39
4187291.79      258.62409  (17120120)
        654217.71   4187302.03      241.88990  (17011508)                654240.02
4187312.28      241.77422  (17011508)
        654262.33   4187322.52      236.26413  (17012908)                654284.64
4187332.77      247.05056  (17012908)
        654306.96   4187343.01      236.27383  (17012908)                654329.27
4187353.25      219.89095  (17120121)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654351.58	4187363.50	203.48588	(17013019)	654381.92	4187396.95	224.47457	(17122320)
654389.94	4187420.15	241.67758	(17122320)	654397.97	4187443.35	238.79951	(17122320)
654405.99	4187466.56	247.99901	(17121219)	654414.02	4187489.76	245.78546	(17121320)
654422.04	4187512.96	263.04382	(17011509)	654430.07	4187536.17	284.97346	(17011509)
654438.09	4187559.37	283.41849	(17011509)	654446.11	4187582.57	258.23255	(17011509)
654454.14	4187605.78	215.16384	(17011509)	654462.16	4187628.98	208.70925	(17122619)
654470.19	4187652.19	210.96346	(17122619)	654478.21	4187675.39	203.44787	(17121906)
654486.24	4187698.59	208.37219	(17020824)	654494.26	4187721.80	197.55545	(17020824)
654502.29	4187745.00	201.74977	(17011303)	654510.31	4187768.20	197.75071	(17011303)
654518.34	4187791.41	204.55163	(17121319)	654526.36	4187814.61	199.46560	(17010504)
654534.39	4187837.81	198.36220	(17122519)	654542.41	4187861.02	208.03081	(17122519)
654550.43	4187884.22	200.10534	(17122519)	654558.46	4187907.43	196.10520	(17122719)
653838.39	4187127.88	274.86776	(17122917)	653813.61	4187127.22	262.24248	(17122917)
653788.83	4187126.55	254.12982	(15041307)	653764.06	4187125.89	249.41585	(15011509)
653739.28	4187125.23	268.08360	(17123009)	653714.50	4187124.57	296.46524	(17123009)
653863.54	4187038.23	237.58400	(17122917)	653886.02	4187048.55	222.66070	(17122917)

653908.50 4187058.87 225.11771 (17013024) 653930.97
4187069.19 236.60497 (17013024)
653953.45 4187079.51 238.23211 (17012520) 653975.93
4187089.83 236.49590 (17012520)
653998.41 4187100.16 238.66181 (17122319) 654020.88
4187110.48 243.76344 (17012804)
654043.36 4187120.80 245.13634 (17122518) 654065.84
4187131.12 246.29290 (17122920)
654088.32 4187141.44 234.62977 (17122920) 654110.80
4187151.76 237.46003 (17012903)
654133.27 4187162.08 226.13498 (17012903) 654155.75
4187172.40 239.71967 (17020801)
654178.23 4187182.72 239.99457 (17020801) 654200.71
4187193.04 218.82974 (17020801)
654223.19 4187203.36 219.00214 (17120120) 654245.66
4187213.68 225.05126 (17120120)
654268.14 4187224.00 211.47039 (17120120) 654290.62
4187234.32 212.11163 (17011508)
654313.10 4187244.64 198.99622 (17011508) 654335.58
4187254.96 211.08322 (17012908)
654358.05 4187265.28 212.60535 (17012908) 654380.53
4187275.60 198.25277 (17012908)
654403.01 4187285.92 187.23939 (17120121) 654425.49
4187296.24 176.60264 (17013019)
654456.05 4187329.94 191.44644 (17122320) 654464.13
4187353.31 207.73632 (17122320)
654472.22 4187376.69 209.21214 (17122320) 654480.30
4187400.06 211.06523 (17121219)
654488.38 4187423.44 215.17774 (17121219) 654496.47
4187446.81 216.17529 (17121320)
654504.55 4187470.19 235.99564 (17011509) 654512.64
4187493.56 248.55490 (17011509)
654520.72 4187516.94 242.76072 (17011509) 654528.81
4187540.32 219.50382 (17011509)
654536.89 4187563.69 183.54047 (17011509) 654544.97
4187587.07 179.16261 (17122619)
654553.06 4187610.44 183.51692 (17122619) 654561.14
4187633.82 176.27489 (17121906)
654569.23 4187657.19 179.19049 (17020824) 654577.31
4187680.57 177.44157 (17020824)
654585.39 4187703.94 168.29875 (17011303) 654593.48
4187727.32 175.37798 (17011303)
654601.56 4187750.69 170.79089 (17121319) 654609.65
4187774.07 177.00337 (17121319)
654617.73 4187797.45 172.77793 (17010504) 654625.81
4187820.82 170.38445 (17122519)
654633.90 4187844.20 179.77607 (17122519) 654641.98
4187867.57 175.82329 (17122519)

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD   ***
                                 INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654363.86 4187014.97 164.85298 (17120120) 654386.30
4187025.27 164.86392 (17120120)
654408.74 4187035.58 154.50261 (17120120) 654431.18
4187045.88 156.52359 (17011508)
654453.62 4187056.18 151.59214 (17011508) 654476.06
4187066.48 147.81968 (17012908)
654498.50 4187076.79 156.59489 (17012908) 654520.94
4187087.09 156.59374 (17012908)
654543.38 4187097.39 148.03681 (17012908) 654565.82
4187107.70 141.53726 (17120121)
654588.26 4187118.00 133.38393 (15030608) 654610.70
4187128.30 130.40034 (17013019)
654641.21 4187161.94 135.72566 (17122320) 654649.28
4187185.28 148.95044 (17122320)
654657.35 4187208.61 154.93181 (17122320) 654665.42
4187231.95 152.50092 (17122320)
654673.49 4187255.29 155.23153 (17121219) 654681.57
4187278.62 158.95553 (17121219)
654689.64 4187301.96 157.32800 (17121320) 654697.71
4187325.29 160.13235 (17011509)
654705.78 4187348.63 175.89355 (17011509) 654713.85
4187371.97 183.04319 (17011509)
654721.92 4187395.30 180.27118 (17011509) 654729.99
4187418.64 167.86145 (17011509)
654738.06 4187441.97 147.67638 (17011509) 654746.13
4187465.31 122.66983 (17011509)
654754.20 4187488.65 131.40321 (17122619) 654762.27
4187511.98 135.28361 (17122619)
654770.34 4187535.32 131.44207 (17122619) 654778.41
4187558.66 129.17181 (17121906)
654786.48 4187581.99 132.44970 (17020824) 654794.55
4187605.33 130.30052 (17020824)
654802.62 4187628.66 120.35981 (17020824) 654810.69
4187652.00 128.07842 (17011303)
654818.76 4187675.34 127.85177 (17011303) 654826.83
4187698.67 126.87564 (17121319)
654834.90 4187722.01 130.19281 (17121319) 654842.97
4187745.35 126.11304 (17010504)
654851.04 4187768.68 126.51861 (17010504) 654859.11
4187792.02 128.59187 (17122519)
654867.19 4187815.35 132.44030 (17122519) 654875.26
4187838.69 129.09171 (17122519)
654883.33 4187862.03 127.41276 (17122719) 654891.40
4187885.36 122.03041 (17122719)
654899.47 4187908.70 122.36428 (17122621) 654907.54
4187932.03 121.16857 (17122621)
653847.74 4186778.00 195.47315 (15041307) 653822.96
4186777.34 197.70669 (15041307)
653798.18 4186776.68 189.24414 (15041307) 653773.40
4186776.02 171.26289 (15041307)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653748.63	4186775.35	167.92531	(17123009)	653723.85	4186774.69	183.29170	(17123009)
653876.83	4186538.38	170.48454	(15041307)	653899.25	4186548.68	162.19824	(15041307)
653921.66	4186558.97	148.37626	(15041307)	653944.08	4186569.26	135.94976	(17122917)
653966.50	4186579.55	129.66503	(17122917)	653988.91	4186589.84	120.70583	(17011203)
654011.33	4186600.14	128.11431	(17013024)	654033.75	4186610.43	134.76322	(17013024)
654056.16	4186620.72	135.25870	(17013024)	654078.58	4186631.01	136.85035	(17012520)
654101.00	4186641.30	137.34372	(17012520)	654123.41	4186651.60	130.88050	(17012520)
654145.83	4186661.89	137.14445	(17122319)	654168.25	4186672.18	139.11708	(17012804)
654190.66	4186682.47	139.17103	(17012804)	654213.08	4186692.76	140.85230	(17122518)
654235.49	4186703.06	140.76177	(17122920)	654257.91	4186713.35	140.27324	(17122920)
654280.33	4186723.64	132.59381	(17122920)	654302.74	4186733.93	135.81446	(17012903)
654325.16	4186744.22	134.83705	(17012903)	654347.58	4186754.52	127.66782	(17012903)
654369.99	4186764.81	133.77547	(17020801)	654392.41	4186775.10	139.20595	(17020801)
654414.83	4186785.39	137.37455	(17020801)	654437.24	4186795.68	128.61856	(17020801)

654459.66 4186805.98 117.82167 (17011208) 654482.07
4186816.27 124.71758 (17120120)
654504.49 4186826.56 129.24040 (17120120) 654526.91
4186836.85 127.29660 (17120120)
654549.32 4186847.14 119.26126 (17120120) 654571.74
4186857.44 121.62196 (17011508)
654594.16 4186867.73 120.00300 (17011508) 654616.57
4186878.02 112.22911 (17011508)
654638.99 4186888.31 117.36317 (17012908) 654661.41
4186898.60 122.19858 (17012908)
654683.82 4186908.90 121.71263 (17012908) 654706.24
4186919.19 116.07423 (17012908)
654728.66 4186929.48 117.29538 (15030608) 654751.07
4186939.77 118.77365 (15030608)
654773.49 4186950.06 114.75209 (15030608) 654795.90
4186960.36 105.91504 (15030608)
654826.38 4186993.96 101.87565 (17122320) 654834.44
4187017.27 112.31128 (17122320)
654842.51 4187040.58 118.84161 (17122320) 654850.57
4187063.89 120.57640 (17122320)
654858.63 4187087.21 117.17634 (17122320) 654866.69
4187110.52 120.54884 (17121219)
654874.75 4187133.83 123.69839 (17121219) 654882.82
4187157.14 121.27710 (17121219)
654890.88 4187180.45 124.00330 (17121320) 654898.94
4187203.76 127.92974 (17011509)
654907.00 4187227.08 137.79787 (17011509) 654915.06
4187250.39 142.32615 (17011509)
654923.13 4187273.70 140.85861 (17011509) 654931.19
4187297.01 133.50141 (17011509)
654939.25 4187320.32 121.10856 (17011509) 654947.31
4187343.63 105.11941 (17011509)
654955.37 4187366.94 94.38361 (17122619) 654963.43
4187390.26 101.81677 (17122619)
654971.50 4187413.57 105.06307 (17122619) 654979.56
4187436.88 103.67353 (17122619)
654987.62 4187460.19 100.62991 (17121906) 654995.68
4187483.50 100.26078 (17020824)
655003.74 4187506.81 103.19259 (17020824) 655011.81
4187530.13 101.16509 (17020824)
655019.87 4187553.44 94.46270 (17020824) 655027.93
4187576.75 97.96536 (17011303)
655035.99 4187600.06 100.29681 (17011303) 655044.05
4187623.37 97.73329 (17011303)
655052.12 4187646.68 99.26510 (17121319) 655060.18
4187669.99 101.24088 (17121319)
655068.24 4187693.31 98.38998 (17121319) 655076.30
4187716.62 98.95210 (17010504)
655084.36 4187739.93 96.04936 (17010504) 655092.43
4187763.24 101.31281 (17122519)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655116.61	4187833.17	99.29159	(17122719)	655124.67	4187856.49	96.73742	(17122719)
655132.73	4187879.80	93.73276	(17122621)	655140.80	4187903.11	95.17389	(17122621)
655148.86	4187926.42	93.49349	(17122621)	655156.92	4187949.73	90.42381	(16122009)
653854.42	4186528.09	172.35605	(15041307)	653829.64	4186527.43	168.19185	(15041307)
653804.86	4186526.77	157.24988	(15041307)	653780.08	4186526.11	140.90436	(15041307)
653755.30	4186525.44	129.67111	(17011719)	653730.53	4186524.78	140.26660	(17123009)
653883.49	4186288.47	154.14811	(15041307)	653905.89	4186298.75	151.98589	(15041307)
653928.29	4186309.03	145.25317	(15041307)	653950.69	4186319.32	134.48617	(15041307)
653973.09	4186329.60	120.57608	(15041307)	653995.49	4186339.89	107.92040	(17122917)
654017.89	4186350.17	101.54967	(17122917)	654040.29	4186360.46	95.93076	(17011203)
654062.69	4186370.74	103.11101	(17013024)	654085.09	4186381.03	108.37891	(17013024)
654107.49	4186391.31	109.70057	(17013024)	654129.89	4186401.60	108.58435	(17012520)
654152.29	4186411.88	111.52570	(17012520)	654174.69	4186422.16	109.89747	(17012520)

654197.09 4186432.45 105.19200 (17011120) 654219.49
4186442.73 110.91956 (17122319)
654241.89 4186453.02 111.90129 (17012804) 654264.29
4186463.30 113.17368 (17012804)
654286.69 4186473.59 111.87866 (17122518) 654309.09
4186483.87 114.59248 (17122518)
654331.49 4186494.16 114.29734 (17122920) 654353.90
4186504.44 112.66364 (17122920)
654376.30 4186514.73 106.43168 (17122920) 654398.70
4186525.01 109.37898 (17012903)
654421.10 4186535.29 109.64542 (17012903) 654443.50
4186545.58 105.79570 (17012903)
654465.90 4186555.86 102.40297 (17020801) 654488.30
4186566.15 109.75295 (17020801)
654510.70 4186576.43 112.69525 (17020801) 654533.10
4186586.72 110.88887 (17020801)
654555.50 4186597.00 104.58620 (17020801) 654577.90
4186607.29 94.57944 (17020801)
654600.30 4186617.57 97.09582 (17011208) 654622.70
4186627.86 102.83885 (17120120)
654645.10 4186638.14 104.53758 (17120120) 654667.50
4186648.42 102.02875 (17120120)
654689.90 4186658.71 95.65530 (17120120) 654712.30
4186668.99 98.05985 (17011508)
654734.70 4186679.28 97.91087 (17011508) 654757.10
4186689.56 93.61844 (17011508)
654779.50 4186699.85 89.98084 (17012908) 654801.90
4186710.13 96.07353 (17012908)
654824.30 4186720.42 98.93188 (17012908) 654846.70
4186730.70 98.31075 (17012908)
654869.10 4186740.99 96.63349 (15030608) 654891.50
4186751.27 103.27242 (15030608)
654913.90 4186761.55 106.17882 (15030608) 654936.30
4186771.84 105.10101 (15030608)
654958.70 4186782.12 100.21858 (15030608) 654981.10
4186792.41 92.12831 (15030608)
655011.55 4186825.99 79.69075 (17122320) 655019.61
4186849.28 87.97605 (17122320)
655027.67 4186872.58 93.99574 (17122320) 655035.72
4186895.87 97.11902 (17122320)
655043.78 4186919.17 96.97383 (17122320) 655051.83
4186942.46 93.50980 (17122320)
655059.89 4186965.76 97.23139 (17121219) 655067.95
4186989.05 99.85404 (17121219)
655076.00 4187012.34 98.87128 (17121219) 655084.06
4187035.64 99.37665 (17121320)
655092.12 4187058.93 100.06297 (17121320) 655100.17
4187082.23 105.19089 (17011509)
655108.23 4187105.52 111.80369 (17011509) 655116.28
4187128.82 114.87688 (17011509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655124.34	4187152.11	114.04931	(17011509)	655132.40	4187175.41	109.35554	(17011509)
655140.45	4187198.70	101.23876	(17011509)	655148.51	4187222.00	90.45401	(17011509)
655156.56	4187245.29	77.99347	(17011509)	655164.62	4187268.58	76.56315	(17122619)
655172.68	4187291.88	81.95504	(17122619)	655180.73	4187315.17	84.64599	(17122619)
655188.79	4187338.47	84.34107	(17122619)	655196.84	4187361.76	81.05916	(17122619)
655204.90	4187385.06	81.07958	(17121906)	655212.96	4187408.35	81.89007	(17020824)
655221.01	4187431.65	83.32463	(17020824)	655229.07	4187454.94	81.53107	(17020824)
655237.12	4187478.24	76.71273	(17020824)	655245.18	4187501.53	77.56044	(17011303)
655253.24	4187524.83	80.65189	(17011303)	655261.29	4187548.12	80.59401	(17011303)
655269.35	4187571.41	77.40467	(17011303)	655277.40	4187594.71	80.51704	(17121319)
655285.46	4187618.00	81.79364	(17121319)	655293.52	4187641.30	79.92111	(17121319)
655301.57	4187664.59	79.92342	(17010504)	655309.63	4187687.89	79.01763	(17010504)
655317.68	4187711.18	79.13628	(17122519)	655325.74	4187734.48	82.45526	(17122519)
655333.80	4187757.77	82.99701	(17122519)	655341.85	4187781.07	80.74102	(17122519)

655349.91 4187804.36 80.20283 (17122719) 655357.96
4187827.65 78.99874 (17122719)
655366.02 4187850.95 75.17895 (17122719) 655374.08
4187874.24 76.33881 (17122621)
655382.13 4187897.54 80.39586 (16122009) 655390.19
4187920.83 82.65672 (16122009)
655398.25 4187944.13 80.76568 (16122009) 655406.30
4187967.42 75.06618 (16122009)
653861.09 4186278.18 151.62675 (15041307) 653836.31
4186277.52 144.67760 (15041307)
653811.54 4186276.86 133.41288 (15041307) 653786.76
4186276.19 118.88909 (15041307)
653761.98 4186275.53 104.22233 (17011719) 653737.20
4186274.87 111.83620 (17123009)
653890.16 4186038.55 138.16687 (15041307) 653912.55
4186048.83 139.51399 (15041307)
653934.93 4186059.11 137.33530 (15041307) 653957.32
4186069.39 131.73813 (15041307)
653979.71 4186079.67 123.09571 (15041307) 654002.10
4186089.94 112.00375 (15041307)
654024.49 4186100.22 99.21139 (15041307) 654046.88
4186110.50 87.59809 (17122917)
654069.26 4186120.78 82.50900 (17011203) 654091.65
4186131.06 78.79772 (17013024)
654114.04 4186141.34 85.33266 (17013024) 654136.43
4186151.62 89.60260 (17013024)
654158.82 4186161.90 91.19578 (17013024) 654181.20
4186172.18 89.93725 (17013024)
654203.59 4186182.46 91.91695 (17012520) 654225.98
4186192.74 92.62190 (17012520)
654248.37 4186203.01 90.17001 (17012520) 654270.76
4186213.29 87.97532 (17122319)
654293.15 4186223.57 92.20448 (17122319) 654315.53
4186233.85 92.83578 (17122319)
654337.92 4186244.13 94.24067 (17012804) 654360.31
4186254.41 92.37195 (17012804)
654382.70 4186264.69 94.64892 (17122518) 654405.09
4186274.97 94.96455 (17122518)
654427.48 4186285.25 95.02200 (17122920) 654449.86
4186295.53 92.99966 (17122920)
654472.25 4186305.81 87.86772 (17122920) 654494.64
4186316.08 90.52252 (17012903)
654517.03 4186326.36 91.32328 (17012903) 654539.42
4186336.64 89.25823 (17012903)
654561.81 4186346.92 84.53442 (17012903) 654584.19
4186357.20 87.33165 (17020801)
654606.58 4186367.48 92.08008 (17020801) 654628.97
4186377.76 93.69959 (17020801)
654651.36 4186388.04 92.03839 (17020801) 654673.75
4186398.32 87.28856 (17020801)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654830.46	4186470.27	78.92277	(17120120)	654852.85	4186480.55	81.21422	(17011508)
654875.24	4186490.83	81.74265	(17011508)	654897.63	4186501.11	79.36441	(17011508)
654920.02	4186511.39	74.36587	(17011508)	654942.41	4186521.67	76.47110	(17012908)
654964.79	4186531.95	80.51789	(17012908)	654987.18	4186542.23	82.28376	(17012908)
655009.57	4186552.50	81.64896	(17012908)	655031.96	4186562.78	85.88008	(15030608)
655054.35	4186573.06	92.10602	(15030608)	655076.74	4186583.34	95.65106	(15030608)
655099.12	4186593.62	96.23243	(15030608)	655121.51	4186603.90	93.84870	(15030608)
655143.90	4186614.18	88.75479	(15030608)	655166.29	4186624.46	81.44638	(15030608)
655196.73	4186658.02	64.56728	(15021508)	655204.78	4186681.30	70.92004	(17122320)
655212.83	4186704.58	76.20560	(17122320)	655220.88	4186727.87	79.66461	(17122320)
655228.94	4186751.15	80.97494	(17122320)	655236.99	4186774.43	79.99070	(17122320)

655245.04 4186797.71 76.75526 (17122320) 655253.09
4186821.00 80.65409 (17121219)
655261.14 4186844.28 82.85158 (17121219) 655269.19
4186867.56 82.57861 (17121219)
655277.25 4186890.84 81.43416 (17121320) 655285.30
4186914.12 83.27363 (17121320)
655293.35 4186937.41 82.42786 (17121320) 655301.40
4186960.69 88.46646 (17011509)
655309.45 4186983.97 93.14030 (17011509) 655317.51
4187007.25 95.34168 (17011509)
655325.56 4187030.54 94.85434 (17011509) 655333.61
4187053.82 91.68789 (17011509)
655341.66 4187077.10 86.09243 (17011509) 655349.71
4187100.38 78.50446 (17011509)
655357.76 4187123.66 69.50923 (17011509) 655365.82
4187146.95 62.92734 (17012523)
655373.87 4187170.23 63.76472 (17122619) 655381.92
4187193.51 67.85998 (17122619)
655389.97 4187216.79 70.11494 (17122619) 655398.02
4187240.08 70.32131 (17122619)
655406.07 4187263.36 68.45123 (17122619) 655414.13
4187286.64 67.34854 (17121906)
655422.18 4187309.92 66.83671 (17121906) 655430.23
4187333.20 68.51048 (17020824)
655438.28 4187356.49 69.16875 (17020824) 655446.33
4187379.77 67.60647 (17020824)
655454.39 4187403.05 63.97007 (17020824) 655462.44
4187426.33 63.07244 (17011303)
655470.49 4187449.62 66.24101 (17011303) 655478.54
4187472.90 67.30654 (17011303)
655486.59 4187496.18 66.17417 (17011303) 655494.64
4187519.46 64.09906 (17121319)
655502.70 4187542.74 67.06676 (17121319) 655510.75
4187566.03 67.93602 (17121319)
655518.80 4187589.31 66.63498 (17121319) 655526.85
4187612.59 66.13648 (17010504)
655534.90 4187635.87 66.20357 (17010504) 655542.95
4187659.16 64.18665 (17010504)
655551.01 4187682.44 66.79108 (17122519) 655559.06
4187705.72 68.76132 (17122519)
655567.11 4187729.00 68.79931 (17122519) 655575.16
4187752.28 66.92289 (17122519)
655583.21 4187775.57 66.55593 (17122719) 655591.27
4187798.85 66.04631 (17122719)
655599.32 4187822.13 63.69264 (17122719) 655607.37
4187845.41 63.92187 (15121209)
655615.42 4187868.70 69.34099 (16122009) 655623.47
4187891.98 73.68174 (16122009)
655631.52 4187915.26 75.00378 (16122009) 655639.58
4187938.54 73.18828 (16122009)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653903.50	4185538.72	109.07718	(15041307)	653925.87	4185548.99	113.45201	(15041307)
653948.24	4185559.26	115.87924	(15041307)	653970.61	4185569.54	116.21992	(15041307)
653992.98	4185579.81	114.42648	(15041307)	654015.36	4185590.08	110.50733	(15041307)
654037.73	4185600.35	104.70190	(15041307)	654060.10	4185610.62	97.30297	(15041307)
654082.47	4185620.89	88.66483	(15041307)	654104.84	4185631.17	79.22390	(15041307)
654127.22	4185641.44	69.41820	(15041307)	654149.59	4185651.71	60.93658	(17011203)
654171.96	4185661.98	58.86518	(17011203)	654194.33	4185672.25	57.87693	(17013024)
654216.70	4185682.52	62.02581	(17013024)	654239.08	4185692.80	64.99238	(17013024)
654261.45	4185703.07	66.56718	(17013024)	654283.82	4185713.34	66.63352	(17013024)
654306.19	4185723.61	65.17477	(17013024)	654328.57	4185733.88	67.33589	(17012520)

654350.94 4185744.15 67.97275 (17012520) 654373.31
4185754.43 66.91285 (17012520)
654395.68 4185764.70 64.22417 (17012520) 654418.05
4185774.97 65.04189 (17122319)
654440.43 4185785.24 67.60090 (17122319) 654462.80
4185795.51 68.23025 (17122319)
654485.17 4185805.78 68.92310 (17012804) 654507.54
4185816.06 68.83689 (17012804)
654529.91 4185826.33 67.07545 (17122518) 654552.29
4185836.60 69.37555 (17122518)
654574.66 4185846.87 69.79501 (17122518) 654597.03
4185857.14 69.54949 (17122920)
654619.40 4185867.41 69.27353 (17122920) 654641.78
4185877.69 67.24523 (17122920)
654664.15 4185887.96 63.61835 (17122920) 654686.52
4185898.23 65.78989 (17012903)
654708.89 4185908.50 66.88751 (17012903) 654731.26
4185918.77 66.44754 (17012903)
654753.64 4185929.04 64.50083 (17012903) 654776.01
4185939.32 61.18403 (17012903)
654798.38 4185949.59 62.35736 (17020801) 654820.75
4185959.86 66.07000 (17020801)
654843.12 4185970.13 68.21149 (17020801) 654865.50
4185980.40 68.62537 (17020801)
654887.87 4185990.67 67.28702 (17020801) 654910.24
4186000.95 64.30567 (17020801)
654932.61 4186011.22 59.90913 (17020801) 654954.98
4186021.49 56.28602 (17011208)
654977.36 4186031.76 58.40631 (17011208) 654999.73
4186042.03 60.55864 (17120120)
655022.10 4186052.30 62.86789 (17120120) 655044.47
4186062.58 63.66510 (17120120)
655066.85 4186072.85 62.90191 (17120120) 655089.22
4186083.12 60.64757 (17120120)
655111.59 4186093.39 57.21245 (17011301) 655133.96
4186103.66 59.08907 (17011508)
655156.33 4186113.94 60.04645 (17011508) 655178.71
4186124.21 59.42736 (17011508)
655201.08 4186134.48 57.29635 (17011508) 655223.45
4186144.75 53.83099 (17011508)
655245.82 4186155.02 54.47787 (17012908) 655268.19
4186165.29 57.60141 (17012908)
655290.57 4186175.57 59.58270 (17012908) 655312.94
4186185.84 60.30730 (17012908)
655335.31 4186196.11 63.58880 (15030608) 655357.68
4186206.38 70.12643 (15030608)
655380.06 4186216.65 75.48169 (15030608) 655402.43
4186226.92 79.32166 (15030608)
655424.80 4186237.20 81.41125 (15030608) 655447.17
4186247.47 81.63718 (15030608)

655469.54 4186257.74 80.01308 (15030608) 655491.92
4186268.01 76.67371 (15030608)
655514.29 4186278.28 71.87128 (15030608) 655536.66
4186288.55 65.91651 (15030608)
655567.08 4186322.09 52.35656 (15030608) 655575.12
4186345.36 49.06430 (17122320)
655583.17 4186368.62 53.00706 (17122320) 655591.22
4186391.89 56.14142 (17122320)
655599.26 4186415.15 58.27179 (17122320) 655607.31
4186438.42 59.25699 (17122320)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655615.35	4186461.68	59.01810	(17122320)	655623.40	4186484.95	57.55359	(17122320)
655631.45	4186508.21	56.12490	(17121219)	655639.49	4186531.48	58.90537	(17121219)
655647.54	4186554.75	60.49733	(17121219)	655655.58	4186578.01	60.78065	(17121219)
655663.63	4186601.28	59.72087	(17121219)	655671.68	4186624.54	60.00650	(17121320)
655679.72	4186647.81	62.07199	(14102408)	655687.77	4186671.07	67.86971	(14102408)
655695.81	4186694.34	72.10262	(14102408)	655703.86	4186717.60	74.41632	(14102408)
655711.91	4186740.87	74.59377	(14102408)	655719.95	4186764.13	72.59935	(14102408)
655728.00	4186787.40	69.51615	(17011509)	655736.04	4186810.67	67.90258	(17011509)
655744.09	4186833.93	64.93702	(17011509)	655752.14	4186857.20	60.79019	(17011509)

655760.18 4186880.46 55.70445 (17011509) 655768.23
4186903.73 49.95572 (17011509)
655776.27 4186926.99 49.61041 (14042707) 655784.32
4186950.26 50.80495 (14042707)
655792.37 4186973.52 50.98757 (14042707) 655800.41
4186996.79 50.14300 (14042707)
655808.46 4187020.06 51.04853 (17122619) 655816.50
4187043.32 51.59860 (17122619)
655824.55 4187066.59 51.03015 (17122619) 655832.60
4187089.85 49.37639 (17122619)
655840.64 4187113.12 49.22372 (17121906) 655848.69
4187136.38 48.99607 (17121906)
655856.73 4187159.65 49.37274 (17020824) 655864.78
4187182.91 50.54944 (17020824)
655872.83 4187206.18 50.54450 (17020824) 655880.87
4187229.44 49.35776 (17020824)
655888.92 4187252.71 47.07021 (17020824) 655896.96
4187275.98 44.27022 (17011303)
655905.01 4187299.24 47.00881 (17011303) 655913.06
4187322.51 48.72682 (17011303)
655921.10 4187345.77 49.30434 (17011303) 655929.15
4187369.04 48.70297 (17011303)
655937.19 4187392.30 46.96938 (17011303) 655945.24
4187415.57 47.71428 (17121319)
655953.29 4187438.83 49.30280 (17121319) 655961.33
4187462.10 49.75563 (17121319)
655969.38 4187485.36 49.04554 (17121319) 655977.42
4187508.63 47.86618 (17010504)
655985.47 4187531.90 48.63935 (17010504) 655993.52
4187555.16 48.28046 (17010504)
656001.56 4187578.43 46.82107 (17010504) 656009.61
4187601.69 48.08183 (17122519)
656017.65 4187624.96 49.79248 (17122519) 656025.70
4187648.22 50.49652 (17122519)
656033.75 4187671.49 50.15898 (17122519) 656041.79
4187694.75 48.80976 (17122519)
656049.84 4187718.02 48.59266 (17122719) 656057.88
4187741.28 48.66691 (17122719)
656065.93 4187764.55 47.72757 (17122719) 656073.98
4187787.82 48.76338 (15121209)
656082.02 4187811.08 53.19234 (15121209) 656090.07
4187834.35 56.96124 (16122009)
656098.11 4187857.61 61.00111 (16122009) 656106.16
4187880.88 63.28295 (16122009)
656114.20 4187904.14 63.61725 (16122009) 656122.25
4187927.41 61.99901 (16122009)
656130.30 4187950.67 58.59953 (16122009) 656138.34
4187973.94 54.39707 (15121209)
656146.39 4187997.20 50.34224 (15121209) 656154.43
4188020.47 46.34865 (16010203)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654051.01	4185100.49	99.76965	(15041307)	654073.37	4185110.76	96.61471	(15041307)
654095.73	4185121.03	92.18588	(15041307)	654118.09	4185131.30	86.62473	(15041307)
654140.46	4185141.56	80.22790	(15041307)	654162.82	4185151.83	73.17707	(15041307)
654185.18	4185162.10	65.71586	(15041307)	654207.54	4185172.36	58.11524	(15041307)
654229.90	4185182.63	50.60186	(15041307)	654252.26	4185192.90	46.18795	(17011203)
654274.63	4185203.16	44.35581	(17011203)	654296.99	4185213.43	44.78562	(17013024)
654319.35	4185223.70	47.65618	(17013024)	654341.71	4185233.96	49.83342	(17013024)
654364.07	4185244.23	51.20179	(17013024)	654386.43	4185254.50	51.68460	(17013024)

654408.80 4185264.77 51.24905 (17013024) 654431.16
4185275.03 50.59941 (17012520)
654453.52 4185285.30 52.11982 (17012520) 654475.88
4185295.57 52.65799 (17012520)
654498.24 4185305.83 52.17711 (17012520) 654520.60
4185316.10 50.70181 (17012520)
654542.97 4185326.37 49.71951 (14090107) 654565.33
4185336.63 50.66508 (17122319)
654587.69 4185346.90 52.37447 (17122319) 654610.05
4185357.17 52.92747 (17122319)
654632.41 4185367.43 53.07510 (17012804) 654654.77
4185377.70 53.57491 (17012804)
654677.14 4185387.97 52.91459 (17012804) 654699.50
4185398.23 55.34610 (13012109)
654721.86 4185408.50 57.13196 (13012109) 654744.22
4185418.77 57.58895 (13012109)
654766.58 4185429.04 56.68236 (13012109) 654788.94
4185439.30 54.47439 (13012109)
654811.31 4185449.57 53.18377 (17122920) 654833.67
4185459.84 51.41637 (17122920)
654856.03 4185470.10 48.72754 (17122920) 654878.39
4185480.37 50.53627 (17012903)
654900.75 4185490.64 51.58915 (17012903) 654923.11
4185500.90 51.72828 (17012903)
654945.48 4185511.17 50.94686 (17012903) 654967.84
4185521.44 49.28788 (17012903)
654990.20 4185531.70 46.83972 (17012903) 655012.56
4185541.97 47.15077 (17020801)
655034.92 4185552.24 50.05163 (17020801) 655057.28
4185562.51 52.07402 (17020801)
655079.64 4185572.77 53.10298 (17020801) 655102.01
4185583.04 53.08121 (17020801)
655124.37 4185593.31 52.01376 (17020801) 655146.73
4185603.57 49.96700 (17020801)
655169.09 4185613.84 47.06200 (17020801) 655191.45
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4185644.64 45.26225 (17011208)
655258.54 4185654.91 46.63108 (17120120) 655280.90
4185665.17 48.37681 (17120120)
655303.26 4185675.44 49.23192 (17120120) 655325.62
4185685.71 49.15314 (17120120)
655347.98 4185695.97 48.15072 (17120120) 655370.35
4185706.24 46.28647 (17120120)
655392.71 4185716.51 44.24862 (17011301) 655415.07
4185726.78 45.43383 (17011508)
655437.43 4185737.04 46.40798 (17011508) 655459.79
4185747.31 46.44132 (17011508)
655482.15 4185757.58 45.53903 (17011508) 655504.52
4185767.84 43.76317 (17011508)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655839.94	4185921.85	67.77726	(15030608)	655862.30	4185932.11	64.31816	(15030608)
655884.66	4185942.38	59.97546	(15030608)	655907.03	4185952.65	54.97092	(15030608)
655937.43	4185986.17	44.18630	(15030608)	655945.47	4186009.42	38.73188	(15030608)
655953.51	4186032.68	38.97366	(17122320)	655961.56	4186055.93	41.53662	(17122320)
655969.60	4186079.19	43.58909	(17122320)	655977.64	4186102.44	45.03222	(17122320)
655985.68	4186125.70	45.79174	(17122320)	655993.73	4186148.95	45.82238	(17122320)
656001.77	4186172.21	45.11428	(17122320)	656009.81	4186195.46	43.69338	(17122320)

656017.85 4186218.71 43.56534 (17121219) 656025.89
4186241.97 45.47337 (17121219)
656033.94 4186265.22 46.67358 (17121219) 656041.98
4186288.48 47.09943 (17121219)
656050.02 4186311.73 46.72028 (17121219) 656058.06
4186334.99 45.54759 (17121219)
656066.11 4186358.24 47.68842 (14102408) 656074.15
4186381.50 53.10549 (14102408)
656082.19 4186404.75 57.83004 (14102408) 656090.23
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656098.27 4186451.26 64.12618 (14102408) 656106.32
4186474.51 65.28388 (14102408)
656114.36 4186497.77 64.97228 (14102408) 656122.40
4186521.02 63.20107 (14102408)
656130.44 4186544.28 60.07723 (14102408) 656138.49
4186567.53 55.79771 (14102408)
656146.53 4186590.79 51.11537 (17011509) 656154.57
4186614.04 48.62215 (17011509)
656162.61 4186637.30 45.49105 (17011509) 656170.65
4186660.55 41.86275 (17011509)
656178.70 4186683.81 40.67403 (14042707) 656186.74
4186707.06 42.56214 (14042707)
656194.78 4186730.32 43.85184 (14042707) 656202.82
4186753.57 44.47984 (14042707)
656210.87 4186776.82 44.41679 (14042707) 656218.91
4186800.08 43.66242 (14042707)
656226.95 4186823.33 42.24625 (14042707) 656234.99
4186846.59 40.23348 (14042707)
656243.03 4186869.84 39.79685 (17122619) 656251.08
4186893.10 39.05402 (17122619)
656259.12 4186916.35 37.68180 (17122619) 656267.16
4186939.61 38.02847 (17121906)
656275.20 4186962.86 37.91925 (17121906) 656283.25
4186986.12 37.55611 (17020824)
656291.29 4187009.37 38.73951 (17020824) 656299.33
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656307.37 4187055.88 39.01913 (17020824) 656315.41
4187079.13 38.09893 (17020824)
656323.46 4187102.39 36.52445 (17020824) 656331.50
4187125.64 34.38087 (17020824)
656339.54 4187148.90 35.11951 (17011303) 656347.58
4187172.15 36.79213 (17011303)
656355.63 4187195.41 37.83224 (17011303) 656363.67
4187218.66 38.18273 (17011303)
656371.71 4187241.92 37.82612 (17011303) 656379.75
4187265.17 36.78304 (17011303)
656387.79 4187288.43 35.72569 (17121319) 656395.84
4187311.68 37.31194 (17121319)
656403.88 4187334.93 38.26121 (17121319) 656411.92
4187358.19 38.52472 (17121319)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656548.64	4187753.52	42.10613	(15121209)	656556.68	4187776.77	45.61462	(15121209)
656564.72	4187800.03	48.59503	(15121209)	656572.77	4187823.28	51.86020	(16122009)
656580.81	4187846.54	54.36375	(16122009)	656588.85	4187869.79	55.59691	(16122009)
656596.89	4187893.04	55.48688	(16122009)	656604.93	4187916.30	54.05326	(16122009)
656612.98	4187939.55	51.41092	(16122009)	656621.02	4187962.81	48.04378	(15121209)
656629.06	4187986.06	45.04018	(15121209)	656637.10	4188009.32	41.58380	(15121209)

656645.15 4188032.57 37.81804 (15121209) 656653.19
4188055.83 36.18938 (13123017)
653894.48 4185028.63 83.86553 (15041307) 653869.70
4185027.96 77.12144 (15041307)
653844.92 4185027.30 69.81163 (15041307) 653820.14
4185026.64 62.22433 (15041307)
653795.36 4185025.98 54.60734 (15041307) 653770.59
4185025.32 50.15730 (17123009)
653930.19 4184539.07 74.48873 (15041307) 653952.54
4184549.33 79.27355 (15041307)
653974.89 4184559.60 83.42665 (15041307) 653997.25
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654019.60 4184580.12 89.28438 (15041307) 654041.96
4184590.39 90.76004 (15041307)
654064.31 4184600.65 91.20001 (15041307) 654086.67
4184610.91 90.64886 (15041307)
654109.02 4184621.18 88.98107 (15041307) 654131.37
4184631.44 86.31600 (15041307)
654153.73 4184641.70 82.75416 (15041307) 654176.08
4184651.97 78.37709 (15041307)
654198.44 4184662.23 73.32927 (15041307) 654220.79
4184672.49 67.79612 (15041307)
654243.15 4184682.76 61.91887 (15041307) 654265.50
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654287.85 4184703.28 49.82208 (15041307) 654310.21
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654377.27 4184744.34 34.75964 (17011203) 654399.63
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654421.98 4184764.87 38.06310 (17013024) 654444.33
4184775.13 39.72862 (17013024)
654466.69 4184785.39 40.88508 (17013024) 654489.04
4184795.66 41.48033 (17013024)
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4184816.18 40.89680 (17013024)
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4184836.71 41.91626 (17012520)
654600.82 4184846.97 42.36511 (17012520) 654623.17
4184857.24 42.15438 (17012520)
654645.52 4184867.50 41.96832 (14090107) 654667.88
4184877.76 43.58273 (14090107)
654690.23 4184888.03 44.51661 (14090107) 654712.59
4184898.29 44.71996 (14090107)
654734.94 4184908.56 44.18406 (14090107) 654757.30
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654779.65 4184929.08 42.39764 (17012804) 654802.00
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654824.36 4184949.61 44.18402 (13012109) 654846.71
4184959.87 47.21002 (13012109)

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        654869.07   4184970.14       49.49144  (13012109)                654891.42
4184980.40       50.89931  (13012109)
        654913.78   4184990.66       51.35431  (13012109)                654936.13
4185000.93       50.82873  (13012109)
        654958.48   4185011.19       49.35145  (13012109)                654980.84
4185021.45       47.00359  (13012109)
        655003.19   4185031.72       43.91457  (13012109)                655025.55
4185041.98       40.86617  (17122920)
        655047.90   4185052.24       38.85740  (17012903)                655070.26
4185062.51       40.33639  (17012903)
        655092.61   4185072.77       41.27058  (17012903)                655114.96
4185083.04       41.62161  (17012903)
        655137.32   4185093.30       41.37390  (17012903)                655159.67
4185103.56       40.53936  (17012903)
        655182.03   4185113.83       39.15327  (17012903)                655204.38
4185124.09       37.27566  (17012903)
        655226.74   4185134.35       37.09921  (17020801)                655249.09
4185144.62       39.39796  (17020801)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 517
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        655271.44   4185154.88       41.16649  (17020801)                655293.80
4185165.14       42.32561  (17020801)
        655316.15   4185175.41       42.82174  (17020801)                655338.51
4185185.67       42.63244  (17020801)
        655360.86   4185195.93       41.76974  (17020801)                655383.22
4185206.20       40.27543  (17020801)
        655405.57   4185216.46       38.22241  (17020801)                655427.93
4185226.72       36.13149  (17121708)
        655450.28   4185236.99       34.76400  (17121708)                655472.63
4185247.25       35.51487  (17011208)
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4185288.31 39.47117 (17120120)
655584.41 4185298.57 39.66805 (17120120) 655606.76
4185308.83 39.25890 (17120120)
655629.11 4185319.10 38.26527 (17120120) 655651.47
4185329.36 36.73512 (17120120)
655673.82 4185339.62 35.56118 (17011301) 655696.18
4185349.89 36.30187 (17011508)
655718.53 4185360.15 37.19099 (17011508) 655740.89
4185370.41 37.47688 (17011508)
655763.24 4185380.68 37.14945 (17011508) 655785.59
4185390.94 36.22880 (17011508)
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4185411.47 32.82502 (17011508)
655852.66 4185421.73 32.27451 (17012908) 655875.01
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4185452.52 36.78890 (17012908)
655942.07 4185462.79 37.39781 (17012908) 655964.43
4185473.05 41.77418 (15030608)
655986.78 4185483.31 46.44502 (15030608) 656009.14
4185493.58 50.84615 (15030608)
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656210.33 4185585.95 58.26117 (15030608) 656232.68
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4185616.74 46.96287 (15030608)
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4185719.99 31.90176 (17122320)
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4185766.48 35.12062 (17122320)
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656372.10 4185836.23 36.88763 (17122320) 656380.14
4185859.47 36.53722 (17122320)
656388.18 4185882.72 35.71652 (17122320) 656396.22
4185905.97 34.45310 (17122320)
656404.26 4185929.21 35.07333 (17121219) 656412.30
4185952.46 36.46151 (17121219)

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        656420.34   4185975.71       37.39530  (17121219)                656428.38
4185998.95       37.83274  (17121219)
        656436.42   4186022.20       37.75228  (17121219)                656444.46
4186045.45       37.15310  (17121219)
        656452.50   4186068.69       36.98877  (14102408)                656460.54
4186091.94       41.72469  (14102408)
        656468.58   4186115.19       46.20680  (14102408)                656476.61
4186138.44       50.23353  (14102408)
        656484.65   4186161.68       53.61050  (14102408)                656492.69
4186184.93       56.16529  (14102408)
        656500.73   4186208.18       57.75670  (14102408)                656508.77
4186231.42       58.29310  (14102408)
        656516.81   4186254.67       57.74269  (14102408)                656524.85
4186277.92       56.13072  (14102408)
        656532.89   4186301.16       53.54336  (14102408)                656540.93
4186324.41       50.11528  (14102408)
        656548.97   4186347.66       46.02071  (14102408)                656557.01
4186370.91       41.46045  (14102408)
        656565.05   4186394.15       37.85530  (17011509)                656573.09
4186417.40       35.43511  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 518
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        656581.13   4186440.65       33.58189  (14042707)                656589.17
4186463.89       35.61053  (14042707)
        656597.21   4186487.14       37.29154  (14042707)                656605.25
4186510.39       38.56244  (14042707)
        656613.29   4186533.63       39.37543  (14042707)                656621.33
4186556.88       39.69706  (14042707)
        656629.37   4186580.13       39.51470  (14042707)                656637.41
4186603.37       38.83611  (14042707)
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656645.45 4186626.62 37.68070 (14042707) 656653.49
4186649.87 36.08924 (14042707)
656661.53 4186673.12 34.11635 (14042707) 656669.56
4186696.36 31.83085 (14042707)
656677.60 4186719.61 31.02694 (17122619) 656685.64
4186742.86 30.21340 (17121906)
656693.68 4186766.10 30.51946 (17121906) 656701.72
4186789.35 30.46616 (17121906)
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4184525.49 39.76220 (17123009)
653943.53 4184039.24 63.08772 (15041307) 653965.88
4184049.51 67.63718 (15041307)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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654032.93	4184080.29	78.71729	(15041307)	654055.28	4184090.55	81.20057	(15041307)
654077.63	4184100.81	82.95824	(15041307)	654099.98	4184111.07	83.90421	(15041307)

654122.32 4184121.33 84.02119 (15041307) 654144.67
4184131.59 83.31535 (15041307)
654167.02 4184141.85 81.78641 (15041307) 654189.37
4184152.12 79.47398 (15041307)
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654256.42 4184182.90 68.24516 (15041307) 654278.77
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4184562.56 46.47271 (13012109)
655105.68 4184572.82 46.16726 (13012109) 655128.03
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4184624.12 35.03410 (13012109)

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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 520
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4186081.30       45.53233  (14102408)
        656951.42   4186104.54       42.16843  (14102408)                656959.45
4186127.78       38.43187  (14102408)
        656967.49   4186151.02       34.46811  (14102408)                656975.53
4186174.26       30.41970  (14102408)
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4186220.74       29.90945  (14042707)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 521
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4186267.23       33.16303  (14042707)
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        657031.79   4186336.95       35.76579  (14042707)                657039.83
4186360.19       35.90639  (14042707)
        657047.87   4186383.43       35.66412  (14042707)                657055.91
4186406.67       35.04564  (14042707)
        657063.94   4186429.92       34.07004  (14042707)                657071.98
4186453.16       32.76637  (14042707)
        657080.02   4186476.40       31.17394  (14042707)                657088.06
4186499.64       29.33829  (14042707)
        657096.09   4186522.88       27.31210  (14042707)                657104.13
4186546.12       25.35690  (17122619)
        657112.17   4186569.36       24.97438  (17121906)                657120.21
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        657192.55   4186801.78       24.33229  (17020824)                657200.58
4186825.02       23.19897  (17020824)
        657208.62   4186848.26       22.08232  (15120621)                657216.66
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        657224.70   4186894.74       24.03107  (17011303)                657232.73
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        657240.77   4186941.22       25.25992  (17011303)                657248.81
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        657321.15   4187173.64       25.43841  (17121319)                657329.19
4187196.88       24.93694  (17121319)
        657337.22   4187220.12       24.39351  (17010504)                657345.26
4187243.36       24.88306  (17010504)
        657353.30   4187266.60       25.07652  (17010504)                657361.34
4187289.84       24.96784  (17010504)
        657369.37   4187313.09       24.56226  (17010504)                657377.41
4187336.33       23.87542  (17010504)
        657385.45   4187359.57       23.66636  (17122519)                657393.49
4187382.81       24.61700  (17122519)
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4187847.64       44.95577  (16122009)
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4187894.12       43.37607  (16122009)
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4187940.60       39.18695  (16122009)
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4187987.08       35.11690  (15121209)
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4188033.57       30.20837  (15121209)
        657626.58   4188056.81       27.59648  (15121209)               657634.62
4188080.05       24.95606  (15121209)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 522
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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657642.65 4188103.29 24.14415 (13123017) 657650.69
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653591.83 4187932.59 3193.29401 (17021420) 653590.01
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653645.34 4187744.46 1317.54360 (15012509) 653543.70
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653541.88 4187930.42 2173.71330 (17123023) 653540.06
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- - - -

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4187678.31      373.32162  (17121504)
        653139.59   4187641.04      364.54022  (17120517)                653156.77
4187603.78      338.97228  (13012121)
        653173.96   4187566.51      335.40112  (14120608)                653191.14
4187529.25      329.54849  (13021704)
        653208.32   4187491.98      322.90971  (13013108)                653225.50
4187454.72      314.71862  (14022101)
        653242.69   4187417.45      298.40338  (15122802)                653270.47
4187391.56      302.58566  (15010507)
        653308.85   4187377.03      305.14685  (14021122)                653347.23
4187362.51      309.65794  (13020306)
        653385.61   4187347.99      302.51528  (15021203)                653423.98
4187333.46      328.47963  (17123007)
        653462.36   4187318.94      309.75367  (14021105)                653500.74
4187304.41      314.56295  (16012703)
        653539.12   4187289.89      315.74006  (17011302)                653577.50
4187275.37      326.11234  (17011609)
        653615.88   4187260.84      336.23777  (17011609)                653654.26
4187246.32      302.14763  (17122820)
        653044.18   4187866.88      360.98567  (17022506)                653042.36
4187908.65      364.66809  (17121807)
        653040.54   4187950.41      366.22879  (17013008)                652953.68
4187823.22      303.51049  (17013105)
        652970.67   4187786.36      306.46453  (17121207)                652987.67
4187749.51      306.13303  (17123023)
        653004.66   4187712.65      316.45542  (17021308)                653021.65
4187675.80      314.07014  (17021420)
        653038.65   4187638.94      310.79079  (17121504)                653055.64
4187602.09      312.04655  (17120517)
        653072.63   4187565.23      285.43859  (17123107)                653089.63
4187528.38      285.27130  (13012105)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 524
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653106.62	4187491.52	281.13858	(14120608)	653123.62	4187454.66	274.94493	(14021223)
653140.61	4187417.81	267.90435	(17122821)	653157.60	4187380.95	263.34439	(14022101)
653174.60	4187344.10	252.17986	(15122802)	653202.07	4187318.49	249.20708	(15010507)
653240.03	4187304.12	258.69613	(14021122)	653277.99	4187289.76	262.67055	(13123108)
653315.95	4187275.39	259.40199	(15022608)	653353.90	4187261.03	263.83609	(15021203)
653391.86	4187246.67	274.91378	(17123007)	653429.82	4187232.30	260.96543	(14021105)
653467.78	4187217.94	266.47188	(16012703)	653505.73	4187203.57	269.20675	(17011302)
653543.69	4187189.21	264.06873	(14012501)	653581.65	4187174.84	289.60172	(17011609)
653619.61	4187160.48	267.88043	(17011609)	653657.56	4187146.11	254.54987	(17123009)
652944.27	4187862.53	303.19140	(17022506)	652942.45	4187904.29	302.03262	(17121807)
652940.63	4187946.06	302.54305	(17013008)	652853.97	4187818.43	251.82698	(17013105)
652871.37	4187780.70	258.26865	(17012823)	652888.77	4187742.98	262.59601	(17123023)
652906.16	4187705.25	271.00316	(17021308)	652923.56	4187667.52	262.34351	(17120203)
652940.95	4187629.79	265.52484	(17123002)	652958.35	4187592.07	266.91204	(17121504)
652975.74	4187554.34	266.24258	(17120517)	652993.14	4187516.61	242.59963	(17021403)
653010.54	4187478.88	245.02093	(13012105)	653027.93	4187441.16	241.42610	(14120608)
653045.33	4187403.43	236.07417	(13021704)	653062.72	4187365.70	233.67020	(13013108)
653080.12	4187327.97	225.84623	(16020321)	653097.51	4187290.25	219.51347	(14022101)
653134.34	4187245.17	207.20876	(16022407)	653173.19	4187230.46	221.78882	(13012423)
653212.05	4187215.76	222.99845	(13123108)	653250.91	4187201.05	224.63645	(13020306)
653289.76	4187186.35	224.67736	(15022608)	653328.62	4187171.65	236.14618	(17123007)
653367.47	4187156.94	238.19987	(17122918)	653406.33	4187142.24	226.66954	(14021105)
653445.18	4187127.53	228.29379	(16012703)	653484.04	4187112.83	231.99584	(17011302)

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        653522.89   4187098.12      228.29795  (14012501)                653561.75
4187083.42      247.54478  (17011609)
        653600.60   4187068.72      238.49595  (17011609)                653639.46
4187054.01      220.36972  (17122820)
        653678.32   4187039.31      250.25755  (17123009)                652844.37
4187858.18      254.15953  (17022506)
        652842.55   4187899.94      254.45695  (17121807)                652840.73
4187941.70      256.01810  (17013008)
        652604.24   4187807.49      183.41390  (17022506)                652621.68
4187769.65      182.14066  (17013105)
        652639.13   4187731.81      183.37090  (17012823)                652656.58
4187693.98      187.70220  (17121207)
        652674.02   4187656.14      189.63713  (17123023)                652691.47
4187618.30      197.11385  (17021308)
        652708.92   4187580.46      188.17962  (17120203)                652726.37
4187542.62      192.74128  (17021420)
        652743.81   4187504.78      190.60202  (17013106)                652761.26
4187466.95      190.26867  (17121504)
        652778.71   4187429.11      188.58908  (17120517)                652796.15
4187391.27      174.28751  (17021403)
        652813.60   4187353.43      174.23508  (13012105)                652831.05
4187315.59      174.23887  (13010908)
        652848.49   4187277.75      171.77854  (14120608)                652865.94
4187239.92      168.62363  (14021223)
        652883.39   4187202.08      167.37661  (13013108)                652900.83
4187164.24      162.86946  (16020321)
        652918.28   4187126.40      160.39989  (14022101)                652935.73
4187088.56      154.45830  (15122802)
        652963.94   4187062.27      151.10977  (15122802)                653002.91
4187047.52      157.26689  (15010507)
        653041.88   4187032.77      162.34355  (13012423)                653080.85
4187018.03      161.39500  (13123108)
        653119.82   4187003.28      163.26949  (17121508)                653158.79
4186988.53      162.04590  (15022608)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE 525
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653197.76	4186973.78	158.34985	(15022608)	653236.73	4186959.04	174.04447	(17123007)
653275.70	4186944.29	173.71784	(17122918)	653314.67	4186929.54	163.55244	(17122918)
653353.64	4186914.79	165.98435	(13012005)	653392.61	4186900.05	164.95735	(13020420)
653431.57	4186885.30	168.84224	(17011302)	653470.54	4186870.55	166.66005	(14012501)
653509.51	4186855.80	173.02533	(17011609)	653548.48	4186841.06	181.18302	(17011609)
653587.45	4186826.31	163.55339	(17122820)	653626.42	4186811.56	158.79722	(17012904)
653665.39	4186796.81	176.83100	(17123009)	652594.60	4187847.29	178.58542	(17122902)
652592.78	4187889.06	175.60113	(17121807)	652590.96	4187930.82	181.07029	(17013008)
652354.49	4187796.57	134.59540	(17022506)	652371.97	4187758.66	139.83740	(17022506)
652389.45	4187720.75	139.95329	(17013105)	652406.93	4187682.85	139.81528	(17013105)
652424.41	4187644.94	143.64483	(17121207)	652441.89	4187607.03	145.03846	(17123023)
652459.37	4187569.12	144.51194	(17123106)	652476.85	4187531.21	150.94667	(17021308)
652494.32	4187493.30	143.78533	(17120203)	652511.80	4187455.39	147.53275	(17021420)
652529.28	4187417.49	146.26863	(17013106)	652546.76	4187379.58	146.39004	(17121504)
652564.24	4187341.67	145.81210	(17120517)	652581.72	4187303.76	141.85697	(17120517)
652599.20	4187265.85	133.27743	(17021403)	652616.68	4187227.94	132.74771	(13012121)
652634.16	4187190.03	133.50062	(13010908)	652651.64	4187152.13	131.30796	(14120608)
652669.12	4187114.22	131.44862	(13010906)	652686.60	4187076.31	129.11369	(14021223)
652704.08	4187038.40	127.71453	(15010508)	652721.56	4187000.49	125.21299	(17122821)
652739.03	4186962.58	123.64203	(15021803)	652756.51	4186924.67	122.47803	(14022101)
652793.51	4186879.38	118.84328	(15122802)	652832.56	4186864.60	114.94624	(16022407)
652871.60	4186849.83	123.60427	(15010507)	652910.64	4186835.05	125.23308	(13012423)

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        652949.68   4186820.28      124.36028  (14021301)               652988.73
4186805.50      126.12337  (13123108)
        653027.77   4186790.73      126.32565  (13020306)               653066.81
4186775.95      126.98427  (15022608)
        653105.85   4186761.18      138.71160  (14011509)               653144.89
4186746.40      134.91614  (17123007)
        653183.94   4186731.63      133.58903  (17122918)               653222.98
4186716.86      130.14305  (17122918)
        653262.02   4186702.08      128.41641  (14021105)               653301.06
4186687.31      128.68759  (16012703)
        653340.10   4186672.53      128.03116  (14120620)               653379.15
4186657.76      130.03903  (17011302)
        653418.19   4186642.98      128.63962  (14012501)               653457.23
4186628.21      126.88401  (17011609)
        653496.27   4186613.43      139.19491  (17011609)               653535.31
4186598.66      135.94933  (17011609)
        653574.36   4186583.88      126.97970  (17122820)               653613.40
4186569.11      122.22826  (17012904)
        653652.44   4186554.33      132.53342  (17123009)               653691.48
4186539.56      145.61941  (17123009)
        652344.84   4187836.41      137.06883  (17121807)               652343.02
4187878.17      133.19552  (17011804)
        652341.20   4187919.94      137.17118  (17013008)               652104.74
4187785.66      108.15605  (17122902)
        652122.24   4187747.71      110.59746  (17022506)               652139.74
4187709.75      110.34334  (17022506)
        652157.24   4187671.79      112.06673  (17013105)               652174.74
4187633.83      112.16060  (17013105)
        652192.25   4187595.88      113.84024  (17012823)               652209.75
4187557.92      115.65762  (14011709)
        652227.25   4187519.96      120.21524  (14011709)               652244.75
4187482.01      116.92161  (17021308)
        652262.25   4187444.05      119.99153  (17021308)               652279.75
4187406.09      114.64684  (17120203)
        652297.26   4187368.14      117.33430  (17021420)               652314.76
4187330.18      116.80036  (17123002)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 526
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652332.26	4187292.22	115.44637	(17013106)	652349.76	4187254.27	117.25138	(17121504)
652367.26	4187216.31	117.57811	(17120517)	652384.76	4187178.35	111.23973	(17120517)
652402.27	4187140.39	106.33582	(17021403)	652419.77	4187102.44	106.44208	(17123107)
652437.27	4187064.48	107.34636	(13012105)	652454.77	4187026.52	106.13529	(13010908)
652472.27	4186988.57	105.71344	(14120608)	652489.77	4186950.61	104.31080	(13010906)
652507.28	4186912.65	103.09391	(14021223)	652524.78	4186874.70	102.23650	(15010508)
652542.28	4186836.74	100.63242	(13013108)	652559.78	4186798.78	99.33559	(16020321)
652577.28	4186760.82	98.11526	(15021803)	652594.78	4186722.87	96.22215	(14022101)
652623.08	4186696.49	95.56381	(15122802)	652662.17	4186681.70	92.99432	(17021402)
652701.26	4186666.91	94.94481	(16022407)	652740.36	4186652.11	99.85833	(15010507)
652779.45	4186637.32	100.42448	(13012423)	652818.54	4186622.52	99.99528	(14021301)
652857.63	4186607.73	102.16211	(13123108)	652896.72	4186592.94	101.80704	(13020306)
652935.82	4186578.14	100.52740	(15022608)	652974.91	4186563.35	117.51888	(14011509)
653014.00	4186548.56	123.07183	(14011509)	653053.09	4186533.76	110.68834	(14011509)
653092.18	4186518.97	106.85968	(17122918)	653131.28	4186504.17	106.35336	(17122918)
653170.37	4186489.38	102.10194	(14021105)	653209.46	4186474.59	103.03789	(13012005)
653248.55	4186459.79	103.18514	(16012703)	653287.64	4186445.00	103.49186	(14120620)
653326.74	4186430.21	104.38406	(17011302)	653365.83	4186415.41	103.41664	(14012501)
653404.92	4186400.62	101.89233	(14021521)	653444.01	4186385.82	109.21074	(17011609)
653483.10	4186371.03	112.10574	(17011609)	653522.20	4186356.24	104.91390	(17011609)
653561.29	4186341.44	102.05069	(17122820)	653600.38	4186326.65	98.05890	(17012904)

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        653639.47   4186311.86      103.60231  (17123009)                653678.56
4186297.06      115.67191  (17123009)
        652095.08   4187825.52      108.25406  (17121807)                652093.26
4187867.29      106.13506  (17011804)
        652091.44   4187909.05      108.72640  (17013008)                651854.85
4187775.04       89.14942  (17121807)
        651872.11   4187737.61       88.41646  (17122902)                651889.38
4187700.17       92.02641  (17022506)
        651906.64   4187662.74       89.78073  (17022506)                651923.90
4187625.31       92.13842  (17013105)
        651941.16   4187587.87       92.97263  (17013105)                651958.42
4187550.44       93.83459  (17012823)
        651975.68   4187513.00       97.27074  (14011709)                651992.94
4187475.57      107.86839  (14011709)
        652010.20   4187438.14      106.69457  (14011709)                652027.46
4187400.70       97.06718  (17021308)
        652044.72   4187363.27       98.74170  (17021308)                652061.98
4187325.84       92.78886  (17120203)
        652079.24   4187288.40       96.88055  (17120203)                652096.50
4187250.97       96.49922  (17021420)
        652113.76   4187213.54       96.38045  (17013106)                652131.02
4187176.10       94.80267  (17121504)
        652148.28   4187138.67       96.09016  (17121504)                652165.54
4187101.23       96.83557  (17120517)
        652182.80   4187063.80       92.93784  (17120517)                652200.06
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        652217.32   4186988.93       88.09346  (17123107)                652234.58
4186951.50       87.24958  (13012103)
        652251.84   4186914.07       87.91716  (13012105)                652269.10
4186876.63       86.73549  (13010908)
        652286.36   4186839.20       87.01851  (14120608)                652303.62
4186801.77       86.23319  (13010906)
        652320.88   4186764.33       84.87553  (13021704)                652338.14
4186726.90       84.24763  (15010508)
        652355.40   4186689.46       84.02317  (13013108)                652372.67
4186652.03       82.21514  (17122821)
        652389.93   4186614.60       81.54384  (16020321)                652407.19
4186577.16       80.76417  (15021803)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 527
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     STCK1       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652424.45	4186539.73	79.78100	(14022101)	652452.35	4186513.72	78.39112	(15122802)
652490.91	4186499.13	78.46125	(15122802)	652529.46	4186484.54	75.54042	(17021402)
652568.01	4186469.95	80.21853	(15010507)	652606.57	4186455.36	82.58051	(15010507)
652645.12	4186440.77	83.10946	(14021122)	652683.67	4186426.18	82.87725	(14021122)
652722.22	4186411.59	84.82713	(13123108)	652760.78	4186397.00	83.90734	(17121508)
652799.33	4186382.41	83.94910	(13020306)	652837.88	4186367.82	93.29102	(14011509)
652876.44	4186353.23	108.40757	(14011509)	652914.99	4186338.64	111.50119	(14011509)
652953.54	4186324.05	101.34238	(14011509)	652992.10	4186309.46	87.85850	(17123007)
653030.65	4186294.87	89.49025	(17122918)	653069.20	4186280.28	83.53919	(17122918)
653107.75	4186265.69	85.31027	(14021105)	653146.31	4186251.10	85.28553	(13012005)
653184.86	4186236.51	85.25468	(16012703)	653223.41	4186221.92	85.69695	(14120620)
653261.97	4186207.33	87.02097	(17011302)	653300.52	4186192.74	85.35241	(15010901)
653339.07	4186178.15	84.79235	(14012501)	653377.63	4186163.56	84.48279	(17121903)
653416.18	4186148.97	91.50703	(17011609)	653454.73	4186134.38	92.52094	(17011609)
653493.28	4186119.79	86.86863	(17011609)	653531.84	4186105.20	84.50795	(17122820)
653570.39	4186090.61	81.96092	(17012904)	653608.94	4186076.02	77.63195	(17012904)
653647.50	4186061.43	90.04471	(17123009)	653686.05	4186046.84	96.70624	(17123009)
651845.31	4187814.64	87.31288	(17121807)	651843.49	4187856.40	87.32543	(17013008)
651841.67	4187898.17	89.03329	(17013008)	651355.37	4187753.19	63.84352	(17121807)
651372.70	4187715.59	64.18096	(17121807)	651390.04	4187677.99	64.03524	(17122902)

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        651407.38   4187640.39       65.64128  (17022506)                651424.71
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4187527.60       66.68369  (17013105)
        651476.72   4187490.00       67.28160  (17013105)                651494.06
4187452.40       67.01457  (17012823)
        651511.39   4187414.80       71.27953  (14011709)                651528.73
4187377.21       83.64856  (14011709)
        651546.07   4187339.61       90.39826  (14011709)                651563.40
4187302.01       89.88124  (14011709)
        651580.74   4187264.41       82.13006  (14011709)                651598.07
4187226.81       71.41526  (17021308)
        651615.41   4187189.21       70.38561  (17021308)                651632.75
4187151.62       66.99155  (17120203)
        651650.08   4187114.02       70.05368  (17120203)                651667.42
4187076.42       70.18989  (17021420)
        651684.76   4187038.82       69.67242  (17123002)                651702.09
4187001.22       69.79056  (17013106)
        651719.43   4186963.62       68.48003  (17121504)                651736.77
4186926.03       69.84819  (17121504)
        651754.10   4186888.43       69.00535  (17120517)                651771.44
4186850.83       69.79678  (17120517)
        651788.77   4186813.23       65.54972  (14021108)                651806.11
4186775.63       63.92650  (15010907)
        651823.45   4186738.03       63.34735  (17123107)                651840.78
4186700.44       63.04827  (17123107)
        651858.12   4186662.84       63.61601  (13012105)                651875.46
4186625.24       63.37541  (13010908)
        651892.79   4186587.64       62.66259  (13010908)                651910.13
4186550.04       62.72960  (14120608)
        651927.46   4186512.44       62.27223  (13010906)                651944.80
4186474.85       61.62036  (13021704)
        651962.14   4186437.25       61.15434  (14021223)                651979.47
4186399.65       60.81410  (15010508)
        651996.81   4186362.05       60.47493  (13013108)                652014.15
4186324.45       60.06963  (13013108)
        652031.48   4186286.85       58.92013  (17122821)                652048.82
4186249.26       58.64864  (16020321)
        652066.15   4186211.66       58.45190  (15021803)                652083.49
4186174.06       58.11025  (14022101)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 528
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
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INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652111.52	4186147.93	56.85556	(17120906)	652150.24	4186133.28	58.50860	(13122209)
652188.97	4186118.62	56.58855	(15122802)	652227.69	4186103.97	58.44710	(13120909)
652266.41	4186089.32	57.49698	(16022407)	652305.13	4186074.66	60.02087	(15010507)
652343.86	4186060.01	60.60927	(13012423)	652382.58	4186045.35	60.95528	(14021122)
652421.30	4186030.70	60.48062	(14021122)	652460.02	4186016.05	61.54760	(13123108)
652498.75	4186001.39	61.08115	(13123108)	652537.47	4185986.74	61.34043	(13020306)
652576.19	4185972.08	60.69559	(13020306)	652614.91	4185957.43	76.16407	(14011509)
652653.64	4185942.78	88.78219	(14011509)	652692.36	4185928.12	94.56712	(14011509)
652731.08	4185913.47	92.04215	(14011509)	652769.81	4185898.81	81.94983	(14011509)
652808.53	4185884.16	66.60598	(14011509)	652847.25	4185869.51	65.34842	(17122918)
652885.97	4185854.85	63.33040	(17122918)	652924.70	4185840.20	60.36203	(14021105)
652963.42	4185825.54	62.11919	(14021105)	653002.14	4185810.89	62.14988	(13012005)
653040.86	4185796.24	62.36731	(16012703)	653079.59	4185781.58	61.69477	(13020420)
653118.31	4185766.93	62.33405	(14120620)	653157.03	4185752.28	63.16259	(17011302)
653195.75	4185737.62	62.05851	(15010901)	653234.48	4185722.97	62.12435	(14012501)
653273.20	4185708.31	61.33545	(14021521)	653311.92	4185693.66	62.69384	(17121903)
653350.65	4185679.01	66.54326	(17011609)	653389.37	4185664.35	66.99137	(17011609)
653428.09	4185649.70	63.86978	(17011609)	653466.81	4185635.04	60.53610	(17122820)
653505.54	4185620.39	61.18357	(17122820)	653544.26	4185605.74	59.45572	(17012904)

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        653582.98   4185591.08       56.31339  (17012904)                653621.70
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        651345.79   4187792.87       61.57693  (17011804)                651343.97
4187834.63       63.36423  (17013008)
        651342.15   4187876.40       63.66441  (17013008)                650855.87
4187731.37       47.27445  (17121807)
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        650942.80   4187542.84       50.96077  (17022506)                650960.18
4187505.13       49.81606  (17022506)
        650977.57   4187467.42       48.23271  (17013105)                650994.95
4187429.72       51.25158  (17013105)
        651012.34   4187392.01       51.72270  (17013105)                651029.72
4187354.31       50.60826  (17012823)
        651047.11   4187316.60       54.23891  (14011709)                651064.50
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        651081.88   4187241.19       73.95805  (14011709)                651099.27
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        651116.65   4187165.78       78.07294  (14011709)                651134.04
4187128.07       72.68155  (14011709)
        651151.43   4187090.36       63.28492  (14011709)                651168.81
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4186977.25       51.23543  (17120203)
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4186826.42       53.02411  (17123002)
        651290.51   4186788.72       53.32003  (17013106)                651307.90
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        651325.29   4186713.30       53.64224  (17121504)                651342.67
4186675.60       51.79021  (17121504)
        651360.06   4186637.89       53.78942  (17120517)                651377.44
4186600.19       52.66857  (17120517)
        651394.83   4186562.48       49.88420  (14021108)                651412.22
4186524.77       48.96300  (15010907)
        651429.60   4186487.07       48.24164  (17021403)                651446.99
4186449.36       48.82355  (17123107)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 529
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651464.37	4186411.66	48.46980	(13012103)	651481.76	4186373.95	49.04278	(13012105)
651499.15	4186336.24	48.76002	(13010908)	651516.53	4186298.54	48.05062	(13010908)
651533.92	4186260.83	47.86364	(14120608)	651551.30	4186223.13	48.08351	(14120608)
651568.69	4186185.42	47.86577	(13010906)	651586.08	4186147.71	47.42177	(13021704)
651603.46	4186110.01	46.97542	(14021223)	651620.85	4186072.30	46.51760	(15010508)
651638.23	4186034.60	46.42484	(15010508)	651655.62	4185996.89	46.31961	(13013108)
651673.01	4185959.18	45.46379	(17122821)	651690.39	4185921.48	45.11137	(17122317)
651707.78	4185883.77	44.64502	(16020321)	651725.16	4185846.07	44.77256	(15021803)
651742.55	4185808.36	44.62488	(14022101)	651770.66	4185782.16	44.83181	(13122209)
651809.49	4185767.46	49.29767	(13122209)	651848.33	4185752.77	50.42534	(13122209)
651887.16	4185738.07	47.92014	(13120909)	651925.99	4185723.37	50.19467	(13120909)
651964.83	4185708.68	49.66228	(13120909)	652003.66	4185693.98	46.37195	(13120909)
652042.49	4185679.29	46.28142	(15010507)	652081.33	4185664.59	46.77594	(13012423)
652120.16	4185649.89	46.97811	(14021122)	652158.99	4185635.20	46.48647	(14021122)
652197.83	4185620.50	46.91674	(13123108)	652236.66	4185605.81	47.42725	(13123108)
652275.50	4185591.11	47.01301	(17121508)	652314.33	4185576.41	47.37849	(13020306)
652353.16	4185561.72	50.10740	(14011509)	652392.00	4185547.02	62.62923	(14011509)
652430.83	4185532.33	73.12908	(14011509)	652469.66	4185517.63	79.69520	(14011509)

652508.50 4185502.94 81.04769 (14011509) 652547.33
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650443.46 4187520.65 39.15273 (17121223) 650460.88
4187482.87 40.57591 (17022506)
650478.30 4187445.09 40.55124 (17022506) 650495.72
4187407.30 38.87396 (17022506)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650513.15	4187369.52	39.04133	(17013105)	650530.57	4187331.74	41.08895	(17013105)
650547.99	4187293.96	41.38324	(17013105)	650565.41	4187256.18	39.92567	(17013105)
650582.83	4187218.40	41.96732	(14011709)	650600.25	4187180.61	51.28263	(14011709)
650617.67	4187142.83	59.54819	(14011709)	650635.09	4187105.05	65.73588	(14011709)
650652.51	4187067.27	69.02965	(14011709)	650669.93	4187029.49	68.82343	(14011709)
650687.36	4186991.70	65.11411	(14011709)	650704.78	4186953.92	58.47074	(14011709)
650722.20	4186916.14	49.80894	(14011709)	650739.62	4186878.36	43.50649	(17021308)
650757.04	4186840.58	41.67402	(17021308)	650774.46	4186802.79	40.93184	(17120203)
650791.88	4186765.01	42.76116	(17120203)	650809.30	4186727.23	42.62861	(17120203)
650826.72	4186689.45	42.95192	(17021420)	650844.14	4186651.67	42.76817	(17123002)
650861.56	4186613.88	42.69258	(17013106)	650878.99	4186576.10	42.43682	(17013106)
650896.41	4186538.32	41.87333	(17121504)	650913.83	4186500.54	42.89275	(17121504)
650931.25	4186462.76	41.93207	(17121504)	650948.67	4186424.97	42.55054	(17120517)
650966.09	4186387.19	42.89416	(17120517)	650983.51	4186349.41	41.16675	(17120517)
651000.93	4186311.63	39.49635	(14021108)	651018.35	4186273.85	39.03495	(15010907)
651035.77	4186236.06	38.57210	(17021403)	651053.20	4186198.28	39.02746	(17123107)
651070.62	4186160.50	38.57084	(13012103)	651088.04	4186122.72	38.67063	(13012105)

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        651105.46   4186084.94       39.04402  (13012105)                651122.88
4186047.16       38.90924  (13010908)
        651140.30   4186009.37       38.27878  (13010908)                651157.72
4185971.59       37.90019  (14120608)
        651175.14   4185933.81       38.50749  (14120608)                651192.56
4185896.03       38.16415  (13010906)
        651209.98   4185858.25       37.81250  (13010906)                651227.40
4185820.46       37.75499  (13021704)
        651244.83   4185782.68       37.50944  (14021223)                651262.25
4185744.90       37.07914  (15010508)
        651279.67   4185707.12       37.27870  (15010508)                651297.09
4185669.34       37.05622  (13013108)
        651314.51   4185631.55       36.45295  (13013108)                651331.93
4185593.77       36.16509  (17122821)
        651349.35   4185555.99       36.11189  (17122317)                651366.77
4185518.21       35.73009  (15021803)
        651384.19   4185480.43       35.80478  (15021803)                651401.61
4185442.64       35.62080  (14022101)
        651429.78   4185416.39       37.06443  (13122209)                651468.69
4185401.66       42.15627  (13122209)
        651507.60   4185386.94       44.84282  (13122209)                651546.52
4185372.21       44.58523  (13122209)
        651585.43   4185357.49       42.90741  (13120909)                651624.34
4185342.76       44.64269  (13120909)
        651663.25   4185328.04       44.38986  (13120909)                651702.16
4185313.31       42.12104  (13120909)
        651741.07   4185298.59       38.22385  (13120909)                651779.99
4185283.86       37.07226  (13012423)
        651818.90   4185269.13       37.54448  (13012423)                651857.81
4185254.41       37.80041  (14021122)
        651896.72   4185239.68       37.34706  (14021122)                651935.63
4185224.96       37.35775  (13123108)
        651974.55   4185210.23       38.20717  (13123108)                652013.46
4185195.51       37.64280  (17121508)
        652052.37   4185180.78       37.56991  (13020306)                652091.28
4185166.06       38.06092  (13020306)
        652130.19   4185151.33       44.21929  (14011509)                652169.10
4185136.60       54.44266  (14011509)
        652208.02   4185121.88       63.43096  (14011509)                652246.93
4185107.15       70.06581  (14011509)
        652285.84   4185092.43       72.96320  (14011509)                652324.75
4185077.70       71.81525  (14011509)
        652363.66   4185062.98       66.75759  (14011509)                652402.57
4185048.25       58.62600  (14011509)
        652441.49   4185033.53       48.61301  (14011509)                652480.40
4185018.80       40.16669  (17122918)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652519.31	4185004.08	40.34708	(17122918)	652558.22	4184989.35	38.71375	(17122918)
652597.13	4184974.62	36.47970	(14021105)	652636.04	4184959.90	38.17466	(14021105)
652674.96	4184945.17	38.33607	(14021105)	652713.87	4184930.45	38.58297	(13012005)
652752.78	4184915.72	38.62033	(16012703)	652791.69	4184901.00	38.26598	(16012703)
652830.60	4184886.27	38.22204	(13020420)	652869.52	4184871.55	38.74829	(14120620)
652908.43	4184856.82	39.18811	(17011302)	652947.34	4184842.09	38.81983	(17011302)
652986.25	4184827.37	38.47789	(15010901)	653025.16	4184812.64	42.23993	(14120609)
653064.07	4184797.92	45.24315	(14120609)	653102.99	4184783.19	45.08194	(14120609)
653141.90	4184768.47	42.10251	(14120609)	653180.81	4184753.74	39.65775	(17011609)
653219.72	4184739.02	41.15687	(17011609)	653258.63	4184724.29	41.26094	(17011609)
653297.54	4184709.56	39.97488	(17011609)	653336.46	4184694.84	37.44399	(17011609)
653375.37	4184680.11	38.86651	(17123010)	653414.28	4184665.39	39.85912	(17123010)
653453.19	4184650.66	38.58567	(17123010)	653492.10	4184635.94	36.65315	(17012904)
653531.01	4184621.21	34.79640	(17012904)	653569.93	4184606.49	35.32398	(17123009)
653608.84	4184591.76	39.43721	(17123009)	653647.75	4184577.03	42.29623	(17123009)
653686.66	4184562.31	43.60495	(17123009)	653725.57	4184547.58	43.24120	(17123009)

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        650346.74   4187749.33       38.05710  (17011804)                650344.92
4187791.10       38.98292  (17013008)
        650343.10   4187832.86       38.73251  (17013008)                649856.84
4187687.76       31.05177  (17011804)
        649874.29   4187649.93       30.80326  (17022505)                649891.74
4187612.09       31.96446  (17121807)
        649909.18   4187574.25       32.41175  (17121807)                649926.63
4187536.41       32.29651  (17122902)
        649944.08   4187498.57       32.38757  (17122902)                649961.53
4187460.73       32.14314  (17121223)
        649978.97   4187422.90       33.02954  (17022506)                649996.42
4187385.06       33.46047  (17022506)
        650013.87   4187347.22       32.76807  (17022506)                650031.31
4187309.38       31.01379  (17022506)
        650048.76   4187271.54       32.34373  (17013105)                650066.21
4187233.70       33.74324  (17013105)
        650083.65   4187195.87       33.97743  (17013105)                650101.10
4187158.03       33.00893  (17013105)
        650118.55   4187120.19       33.78703  (17012823)                650136.00
4187082.35       40.53650  (14011709)
        650153.44   4187044.51       47.88419  (14011709)                650170.89
4187006.67       54.73908  (14011709)
        650188.34   4186968.84       60.95387  (14011709)                650205.78
4186931.00       62.46570  (14011709)
        650223.23   4186893.16       61.47229  (14011709)                650240.68
4186855.32       59.32361  (14011709)
        650258.12   4186817.48       54.39115  (14011709)                650275.57
4186779.64       47.68324  (14011709)
        650293.02   4186741.81       40.10697  (14011709)                650310.46
4186703.97       35.46313  (17021308)
        650327.91   4186666.13       33.75464  (17021308)                650345.36
4186628.29       33.64402  (17120203)
        650362.81   4186590.45       35.13951  (17120203)                650380.25
4186552.61       35.27689  (17120203)
        650397.70   4186514.78       35.40775  (17021420)                650415.15
4186476.94       34.95751  (17123002)
        650432.59   4186439.10       35.12618  (17123002)                650450.04
4186401.26       35.26848  (17013106)
        650467.49   4186363.42       34.74084  (17013106)                650484.93
4186325.58       34.41965  (17121504)
        650502.38   4186287.75       35.28308  (17121504)                650519.83
4186249.91       34.78527  (17121504)
        650537.28   4186212.07       34.44238  (17120517)                650554.72
4186174.23       35.43754  (17120517)
        650572.17   4186136.39       34.94565  (17120517)                650589.62
4186098.55       33.22295  (14021108)
        650607.06   4186060.72       32.40489  (15010907)                650624.51
4186022.88       32.10580  (15010907)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
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                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD   ***
                                 INCLUDING SOURCE(S):   STCK1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

651283.74 4184976.89 38.93584 (13120909) 651322.71
4184962.14 40.27129 (13120909)
651361.68 4184947.39 40.32749 (13120909) 651400.65
4184932.65 38.79870 (13120909)
651439.62 4184917.90 35.80430 (13120909) 651478.59
4184903.15 32.01149 (16010810)
651517.56 4184888.40 30.90011 (16010810) 651556.53
4184873.66 30.89670 (13012423)
651595.50 4184858.91 31.24893 (14021122) 651634.47
4184844.16 30.84558 (14021122)
651673.44 4184829.41 30.86337 (14021301) 651712.41
4184814.67 31.47961 (13123108)
651751.38 4184799.92 31.29856 (13123108) 651790.35
4184785.17 31.17527 (17121508)
651829.32 4184770.42 31.32630 (13020306) 651868.29
4184755.68 31.31322 (13020306)
651907.26 4184740.93 39.03770 (14011509) 651946.23
4184726.18 47.53819 (14011509)
651985.20 4184711.43 55.35883 (14011509) 652024.17
4184696.69 61.52094 (14011509)
652063.14 4184681.94 65.13090 (14011509) 652102.11
4184667.19 65.69423 (14011509)
652141.08 4184652.44 63.25152 (14011509) 652180.05
4184637.70 58.07690 (14011509)
652219.02 4184622.95 50.86661 (14011509) 652257.99
4184608.20 42.50056 (14011509)
652296.96 4184593.45 33.88200 (14011509) 652335.93
4184578.71 33.41914 (17122918)
652374.90 4184563.96 32.59583 (17122918) 652413.87
4184549.21 30.59375 (17122918)
652452.84 4184534.46 30.58666 (14021105) 652491.81
4184519.72 31.57710 (14021105)
652530.78 4184504.97 31.50738 (14021105) 652569.75
4184490.22 31.81817 (13012005)
652608.72 4184475.47 31.74463 (16012703) 652647.69
4184460.73 31.74594 (16012703)
652686.65 4184445.98 31.62938 (13020420) 652725.62
4184431.23 31.75236 (14120620)
652764.59 4184416.48 31.85283 (14120620) 652803.56
4184401.74 32.46173 (17011302)
652842.53 4184386.99 31.97808 (17011302) 652881.50
4184372.24 32.16877 (14120609)
652920.47 4184357.49 36.96284 (14120609) 652959.44
4184342.75 39.95965 (14120609)
652998.41 4184328.00 40.73979 (14120609) 653037.38
4184313.25 39.25061 (14120609)
653076.35 4184298.50 35.86191 (14120609) 653115.32
4184283.75 32.85257 (17011609)
653154.29 4184269.01 33.85776 (17011609) 653193.26
4184254.26 33.90481 (17011609)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653232.23	4184239.51	32.99949	(17011609)	653271.20	4184224.76	31.23164	(17011609)
653310.17	4184210.02	33.82279	(17123010)	653349.14	4184195.27	35.56542	(17123010)
653388.11	4184180.52	35.63007	(17123010)	653427.08	4184165.77	34.04275	(17123010)
653466.05	4184151.03	31.07796	(17123010)	653505.02	4184136.28	28.66502	(17012904)
653543.99	4184121.53	27.95728	(17123009)	653582.96	4184106.78	31.30372	(17123009)
653621.93	4184092.04	33.89662	(17123009)	653660.90	4184077.29	35.51198	(17123009)
653699.87	4184062.54	36.01189	(17123009)	653738.84	4184047.79	35.36421	(17123009)
649847.21	4187727.57	31.12372	(17011804)	649845.39	4187769.33	32.00215	(17013008)
649843.57	4187811.09	31.69592	(17013008)	653669.02	4187987.41	8247.09738	(17111208)
653652.19	4188005.90	6587.70093	(17122609)	653635.37	4188024.39	4930.57930	(17122609)
653617.96	4188041.48	3167.62982	(17121808)	653608.64	4188019.11	3897.60350	(17121007)
653599.33	4187996.73	3760.69901	(17121322)	653631.73	4188060.96	3092.91096	(17022406)
653584.52	4188078.97	1918.66879	(17121324)	653575.63	4188057.61	2458.65607	(17122609)
653566.74	4188036.26	2630.72702	(17121007)	653557.84	4188014.90	2439.68752	(17122608)

653548.95 4187993.54 2453.30580 (17013107) 653598.07
4188097.94 1924.49504 (17122909)
653550.66 4188115.44 1367.74586 (17121324) 653541.34
4188093.07 1426.76963 (17120624)
653532.03 4188070.69 1801.91773 (17122609) 653522.71
4188048.32 1895.77778 (17120707)
653513.40 4188025.94 1765.17523 (17122608) 653504.08
4188003.57 1795.22363 (17121322)
653517.13 4188152.74 1004.65455 (17121324) 653508.08
4188130.98 1022.34597 (17120208)
653499.02 4188109.23 1208.44149 (17043004) 653489.96
4188087.47 1405.95198 (17020404)
653480.91 4188065.72 1453.62780 (17122805) 653471.85
4188043.96 1375.83152 (17123105)
653462.80 4188022.21 1381.54820 (17120702) 653453.74
4188000.46 1354.25690 (17013107)
653483.35 4188189.41 768.55812 (17123024) 653474.04
4188167.03 796.95693 (17123024)
653464.72 4188144.65 854.72599 (17120624) 653455.41
4188122.28 1040.40759 (17122609)
653446.09 4188099.90 1168.98223 (17020404) 653436.78
4188077.53 1161.32460 (17120707)
653427.46 4188055.15 1096.71955 (17123105) 653418.15
4188032.78 1094.85551 (17120702)
653408.83 4188010.40 1095.79094 (17122903) 653399.52
4187988.02 1052.23973 (17011505)
653449.79 4188226.61 632.50760 (17123021) 653440.66
4188204.68 666.97374 (17121324)
653431.54 4188182.75 669.89800 (17120208) 653422.41
4188160.82 744.27238 (17043004)
653413.28 4188138.90 865.95538 (17120905) 653404.15
4188116.97 963.95660 (17020404)
653395.02 4188095.04 957.42463 (17120707) 653385.89
4188073.11 906.68429 (17011201)
653376.77 4188051.18 851.98034 (17122608) 653367.64
4188029.26 910.21915 (17121322)
653358.51 4188007.33 887.92445 (17013107) 653349.38
4187985.40 869.53973 (17011505)
653382.32 4188300.17 452.30125 (17123021) 653372.86
4188277.43 469.71495 (17121324)
653363.39 4188254.69 459.04453 (15022507) 653353.93
4188231.96 482.14086 (17121808)
653344.46 4188209.22 528.92022 (17043004) 653335.00
4188186.48 613.93743 (17043004)
653325.53 4188163.75 672.85425 (17020404) 653316.07
4188141.01 697.63795 (17121007)
653306.60 4188118.27 680.28161 (17011201) 653297.14
4188095.54 649.60408 (17123105)
653287.67 4188072.80 621.28110 (17122608) 653278.21
4188050.06 656.54775 (17120702)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653249.81	4187981.85	628.45995	(17011505)	653396.16	4188319.82	459.91759	(17122909)
653315.03	4188374.16	343.95535	(17123021)	653305.59	4188351.49	343.59349	(17123024)
653296.16	4188328.82	363.23953	(17121324)	653286.72	4188306.15	354.05063	(15022507)
653277.28	4188283.48	371.31748	(17121808)	653267.84	4188260.81	387.97604	(17120624)
653258.41	4188238.14	463.83999	(17043004)	653248.97	4188215.47	490.02990	(17120905)
653239.53	4188192.80	532.90490	(17020404)	653230.10	4188170.13	535.95015	(17121007)
653220.66	4188147.46	523.03080	(17011201)	653211.22	4188124.79	502.78528	(17011201)
653201.78	4188102.12	492.86740	(17122608)	653192.35	4188079.45	485.09601	(17120702)
653182.91	4188056.78	503.97972	(17121322)	653173.47	4188034.11	502.22568	(17122903)
653164.03	4188011.44	499.27805	(17013107)	653154.60	4187988.77	484.08340	(17011505)
653328.86	4188393.79	349.80464	(17122909)	653247.74	4188448.14	272.96479	(17020406)
653238.32	4188425.52	271.98259	(17123021)	653228.90	4188402.90	288.51977	(17121324)
653219.48	4188380.27	284.71865	(17123024)	653210.06	4188357.65	286.36528	(17120208)

653200.65 4188335.02 298.82530 (17121808) 653191.23
4188312.40 310.59509 (17120624)
653181.81 4188289.77 362.26078 (17043004) 653172.39
4188267.15 381.95085 (17120905)
653162.97 4188244.53 407.24297 (17020404) 653153.55
4188221.90 428.33042 (17020404)
653144.14 4188199.28 427.53167 (17122805) 653134.72
4188176.65 420.03324 (17011201)
653125.30 4188154.03 410.07303 (17011201) 653115.88
4188131.40 397.73530 (17122608)
653106.46 4188108.78 374.19288 (17122608) 653097.05
4188086.16 403.74727 (17120702)
653087.63 4188063.53 408.54219 (17121322) 653078.21
4188040.91 403.84252 (17122903)
653068.79 4188018.28 400.87065 (17013107) 653059.37
4187995.66 383.88081 (17011505)
653049.95 4187973.04 381.41658 (17011505) 653180.44
4188522.12 225.06345 (17020406)
653171.04 4188499.53 227.16112 (17123021) 653161.63
4188476.94 230.62062 (17121324)
653152.23 4188454.35 240.30740 (17121324) 653142.82
4188431.76 230.99103 (15022507)
653133.42 4188409.17 239.15025 (17120208) 653124.01
4188386.58 247.61651 (17121808)
653114.61 4188363.99 256.49327 (17120624) 653105.21
4188341.40 290.26732 (17043004)
653095.80 4188318.80 311.99852 (17043004) 653086.40
4188296.21 325.95582 (17120905)
653076.99 4188273.62 350.29437 (17020404) 653067.59
4188251.03 352.49087 (17121007)
653058.18 4188228.44 354.09430 (17122805) 653048.78
4188205.85 347.41807 (17011201)
653039.38 4188183.26 342.77541 (17011201) 653029.97
4188160.67 332.89694 (17123105)
653020.57 4188138.08 321.37436 (17122608) 653011.16
4188115.49 316.34054 (17120702)
653001.76 4188092.90 335.56119 (17120702) 652992.35
4188070.31 338.06602 (17121322)
652982.95 4188047.72 333.88470 (17122903) 652973.55
4188025.12 331.15695 (17013107)
652964.14 4188002.53 318.10230 (17120922) 652954.74
4187979.94 320.42589 (17011505)
653113.14 4188596.10 189.68570 (17020406) 653103.75
4188573.53 192.68092 (17123021)
653094.35 4188550.96 187.81361 (17010902) 653084.96
4188528.40 201.56694 (17121324)
653075.57 4188505.83 200.11715 (17121324) 653066.17
4188483.27 196.99687 (15022507)
653056.78 4188460.70 203.39019 (17120208) 653047.39
4188438.14 209.81314 (17121808)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653037.99	4188415.57	216.62134	(17120624)	653028.60	4188393.01	237.53705	(17043004)
653019.21	4188370.44	262.22982	(17043004)	653009.81	4188347.88	271.75798	(17120905)
653000.42	4188325.31	280.53783	(17020404)	652991.02	4188302.75	300.61220	(17020404)
652981.63	4188280.18	301.55719	(17121007)	652972.24	4188257.62	298.99514	(17122805)
652962.84	4188235.05	293.76430	(17011201)	652953.45	4188212.49	291.95608	(17011201)
652944.06	4188189.92	281.69069	(17123105)	652934.66	4188167.36	276.62440	(17122608)
652925.27	4188144.79	256.15111	(17122608)	652915.88	4188122.23	278.80660	(17120702)
652906.48	4188099.66	280.65089	(17120702)	652897.09	4188077.10	284.97520	(17121322)
652887.69	4188054.53	282.49324	(17122903)	652878.30	4188031.96	280.01572	(17013107)
652868.91	4188009.40	270.79727	(17120922)	652859.51	4187986.83	272.08892	(17011505)
652850.12	4187964.27	261.05224	(17011505)	653126.95	4188615.67	193.14319	(17122909)
652944.86	4188780.95	132.60337	(17020406)	652935.42	4188758.28	135.03430	(17123021)
652925.99	4188735.61	134.61884	(17123021)	652916.55	4188712.94	132.66074	(17010902)
652907.11	4188690.27	141.21787	(17121324)	652897.67	4188667.60	142.66088	(17121324)

652888.24 4188644.93 136.41112 (17123024) 652878.80
4188622.26 139.11183 (15022507)
652869.36 4188599.59 143.09420 (17120208) 652859.93
4188576.92 145.28076 (17121808)
652850.49 4188554.25 150.41555 (17120624) 652841.05
4188531.58 152.47216 (17120624)
652831.61 4188508.91 168.39845 (17043004) 652822.18
4188486.23 184.10072 (17043004)
652812.74 4188463.56 185.54036 (17043004) 652803.30
4188440.89 195.49472 (17120905)
652793.86 4188418.22 202.33744 (17020404) 652784.43
4188395.55 212.93551 (17020404)
652774.99 4188372.88 211.32343 (17121007) 652765.55
4188350.21 212.68596 (17121007)
652756.12 4188327.54 212.19792 (17120707) 652746.68
4188304.87 208.69004 (17011201)
652737.24 4188282.20 207.43460 (17011201) 652727.80
4188259.53 196.34262 (17123105)
652718.37 4188236.86 197.93538 (17123105) 652708.93
4188214.19 193.23178 (17122608)
652699.49 4188191.52 179.70933 (17120901) 652690.05
4188168.85 192.89257 (17120702)
652680.62 4188146.18 201.22734 (17120702) 652671.18
4188123.51 200.92390 (17121322)
652661.74 4188100.84 200.74786 (17121322) 652652.31
4188078.17 200.13494 (17122903)
652642.87 4188055.50 195.83788 (17013107) 652633.43
4188032.83 197.51145 (17013107)
652623.99 4188010.16 189.93676 (17120922) 652614.56
4187987.49 192.62143 (17011505)
652605.12 4187964.82 187.17414 (17011505) 652776.59
4188965.81 99.33788 (17020406)
652767.12 4188943.08 101.28608 (17020406) 652757.66
4188920.34 102.65262 (17123021)
652748.19 4188897.60 100.31963 (17123021) 652738.73
4188874.87 100.33205 (17010902)
652729.26 4188852.13 106.19373 (17121324) 652719.80
4188829.40 108.23441 (17121324)
652710.33 4188806.66 105.33139 (17121324) 652700.87
4188783.92 103.78100 (15022507)
652691.40 4188761.19 104.95924 (15022507) 652681.94
4188738.45 107.97807 (17120208)
652672.47 4188715.71 108.51531 (17120208) 652663.01
4188692.98 112.97503 (17121808)
652653.54 4188670.24 115.31481 (17120624) 652644.08
4188647.50 114.27902 (17120624)
652634.61 4188624.77 127.61975 (17043004) 652625.15
4188602.03 138.52414 (17043004)
652615.68 4188579.29 141.40356 (17043004) 652606.22
4188556.56 146.38843 (17120905)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652539.96	4188397.40	160.36188	(17120707)	652530.50	4188374.67	158.52282	(17011201)
652521.03	4188351.93	157.60470	(17011201)	652511.57	4188329.19	148.02147	(17011201)
652502.10	4188306.46	151.37469	(17123105)	652492.64	4188283.72	148.74292	(17122608)
652483.17	4188260.98	144.39782	(17122608)	652473.71	4188238.25	135.39597	(17120901)
652464.24	4188215.51	143.38183	(17013104)	652454.78	4188192.77	151.70779	(17120702)
652445.31	4188170.04	151.03481	(17120702)	652435.85	4188147.30	153.27064	(17121322)
652426.38	4188124.56	151.36406	(17121322)	652416.92	4188101.83	151.67230	(17122903)
652407.45	4188079.09	148.78213	(17122903)	652397.99	4188056.35	150.53108	(17013107)
652388.52	4188033.62	147.24262	(17013107)	652379.06	4188010.88	142.71320	(17122521)
652369.59	4187988.14	146.01345	(17011505)	652360.13	4187965.41	142.95538	(17011505)
652350.67	4187942.67	133.44652	(17011505)	652608.36	4189150.80	78.79699	(17022406)

652598.96 4189128.22 80.09100 (17020406) 652589.57
4189105.64 80.91323 (17123021)
652580.17 4189083.06 80.99753 (17123021) 652570.77
4189060.49 79.29417 (14121304)
652561.37 4189037.91 79.32643 (17010902) 652551.97
4189015.33 83.43700 (17121324)
652542.57 4188992.76 85.63396 (17121324) 652533.17
4188970.18 84.80803 (17121324)
652523.77 4188947.60 81.33815 (17123024) 652514.38
4188925.02 82.59691 (15022507)
652504.98 4188902.45 82.96474 (15022507) 652495.58
4188879.87 85.12280 (17120208)
652486.18 4188857.29 86.02315 (17120208) 652476.78
4188834.72 88.19460 (17121808)
652467.38 4188812.14 89.86001 (17121808) 652457.98
4188789.56 91.50932 (17120624)
652448.59 4188766.98 90.00315 (17120624) 652439.19
4188744.41 99.38496 (17043004)
652429.79 4188721.83 108.09434 (17043004) 652420.39
4188699.25 112.09485 (17043004)
652410.99 4188676.68 111.58695 (17120905) 652401.59
4188654.10 117.29831 (17120905)
652392.19 4188631.52 116.15778 (17120905) 652382.80
4188608.94 122.17068 (17020404)
652373.40 4188586.37 127.59609 (17020404) 652364.00
4188563.79 127.33788 (17020404)
652354.60 4188541.21 128.11845 (17121007) 652345.20
4188518.64 128.25967 (17121007)
652335.80 4188496.06 128.48151 (16012009) 652326.40
4188473.48 134.11687 (16012009)
652317.00 4188450.90 134.82079 (16012009) 652307.61
4188428.33 130.53888 (16012009)
652298.21 4188405.75 121.76369 (16012009) 652288.81
4188383.17 117.92624 (17123105)
652279.41 4188360.59 120.06304 (17123105) 652270.01
4188338.02 117.84867 (17122608)
652260.61 4188315.44 114.91304 (17122608) 652251.21
4188292.86 109.57208 (17120901)
652241.82 4188270.29 110.69727 (17013104) 652232.42
4188247.71 116.51937 (17120702)
652223.02 4188225.13 120.98924 (17120702) 652213.62
4188202.55 119.46111 (17120702)
652204.22 4188179.98 121.31919 (17121322) 652194.82
4188157.40 120.97472 (17121322)
652185.42 4188134.82 119.16963 (17122903) 652176.02
4188112.25 120.23398 (17122903)
652166.63 4188089.67 116.98894 (17013107) 652157.23
4188067.09 119.45138 (17013107)
652147.83 4188044.51 116.96004 (17013107) 652138.43
4188021.94 113.98750 (17120922)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652411.82	4189267.75	66.52873	(17123021)	652402.40	4189245.12	65.71477	(17123021)
652392.97	4189222.48	64.68706	(14121304)	652383.55	4189199.84	64.90364	(17010902)
652374.12	4189177.20	67.95671	(17121324)	652364.70	4189154.57	69.91775	(17121324)
652355.28	4189131.93	69.86815	(17121324)	652345.85	4189109.29	67.77324	(17121324)
652336.43	4189086.65	66.26193	(15022507)	652327.00	4189064.01	67.85163	(15022507)
652317.58	4189041.38	67.98263	(15021501)	652308.16	4189018.74	69.55969	(17120208)
652298.73	4188996.10	70.33746	(17120208)	652289.31	4188973.46	71.25297	(17121808)
652279.88	4188950.83	73.36043	(17121808)	652270.46	4188928.19	74.41324	(17120624)
652261.04	4188905.55	74.74478	(17120624)	652251.61	4188882.91	72.81850	(17120624)
652242.19	4188860.27	81.41736	(17043004)	652232.77	4188837.64	88.04133	(17043004)

652223.34 4188815.00 91.55674 (17043004) 652213.92
4188792.36 91.53430 (17043004)
652204.49 4188769.72 94.66926 (17120905) 652195.07
4188747.09 96.50282 (17120905)
652185.65 4188724.45 94.87250 (17121402) 652176.22
4188701.81 100.81270 (17020404)
652166.80 4188679.17 104.59482 (17020404) 652157.37
4188656.53 104.53764 (17020404)
652147.95 4188633.90 104.14860 (17121007) 652138.53
4188611.26 105.67453 (17121007)
652129.10 4188588.62 110.57626 (16012009) 652119.68
4188565.98 117.49780 (16012009)
652110.25 4188543.34 121.04028 (16012009) 652100.83
4188520.71 120.89047 (16012009)
652091.41 4188498.07 117.07651 (16012009) 652081.98
4188475.43 109.95864 (16012009)
652072.56 4188452.79 100.18068 (16012009) 652063.14
4188430.16 98.40231 (17123105)
652053.71 4188407.52 97.38891 (17123105) 652044.29
4188384.88 96.08845 (17122608)
652034.86 4188362.24 92.98833 (17122608) 652025.44
4188339.60 89.28624 (17120901)
652016.02 4188316.97 89.92886 (17013104) 652006.59
4188294.33 93.83561 (17013104)
651997.17 4188271.69 98.39990 (17120702) 651987.74
4188249.05 99.15390 (17120702)
651978.32 4188226.42 97.36704 (17121322) 651968.90
4188203.78 99.70342 (17121322)
651959.47 4188181.14 98.72783 (17121322) 651950.05
4188158.50 97.55272 (17122903)
651940.62 4188135.86 98.70219 (17122903) 651931.20
4188113.23 96.28084 (17122903)
651921.78 4188090.59 97.53563 (17013107) 651912.35
4188067.95 97.41904 (17013107)
651902.93 4188045.31 94.77341 (17120922) 651893.51
4188022.67 92.80584 (17122521)
651884.08 4188000.04 94.43237 (17011505) 651874.66
4187977.40 94.61462 (17011505)
651865.23 4187954.76 91.90225 (17011505) 651855.81
4187932.12 86.60160 (17011505)
652103.56 4189705.43 46.48491 (17022406) 652094.10
4189682.71 46.28329 (17020406)
652084.64 4189659.99 47.04573 (17020406) 652075.18
4189637.27 47.14912 (17123021)
652065.72 4189614.55 47.72082 (17123021) 652056.26
4189591.83 47.34647 (17123021)
652046.80 4189569.11 46.50175 (14121304) 652037.35
4189546.39 46.00320 (14121304)
652027.89 4189523.66 46.49712 (17010902) 652018.43
4189500.94 48.32746 (17121324)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651914.39	4189251.01	50.00890	(17120208)	651904.93	4189228.29	51.81443	(17121808)
651895.47	4189205.57	52.73928	(17121808)	651886.01	4189182.85	53.29899	(17120624)
651876.55	4189160.13	53.68541	(17120624)	651867.09	4189137.41	52.89909	(17120624)
651857.63	4189114.69	52.93268	(17043004)	651848.18	4189091.97	58.36978	(17043004)
651838.72	4189069.25	62.58972	(17043004)	651829.26	4189046.53	65.24980	(17043004)
651819.80	4189023.80	66.12149	(17043004)	651810.34	4189001.08	65.12209	(17043004)
651800.88	4188978.36	68.29960	(17120905)	651791.43	4188955.64	69.53571	(17120905)
651781.97	4188932.92	68.23850	(17120905)	651772.51	4188910.20	68.86458	(17020404)
651763.05	4188887.48	72.70375	(17020404)	651753.59	4188864.76	74.79377	(17020404)

651744.13 4188842.04 74.87914 (17020404) 651734.67
4188819.32 73.01358 (17121007)
651725.22 4188796.60 75.26029 (17121007) 651715.76
4188773.87 82.39131 (16012009)
651706.30 4188751.15 89.30361 (16012009) 651696.84
4188728.43 94.57381 (16012009)
651687.38 4188705.71 97.92371 (16012009) 651677.92
4188682.99 99.20490 (16012009)
651668.47 4188660.27 98.29876 (16012009) 651659.01
4188637.55 95.28466 (16012009)
651649.55 4188614.83 90.32812 (16012009) 651640.09
4188592.11 83.77780 (16012009)
651630.63 4188569.39 76.03572 (16012009) 651621.17
4188546.67 70.51984 (17123105)
651611.71 4188523.94 69.80510 (17123105) 651602.26
4188501.22 68.85731 (17122608)
651592.80 4188478.50 67.61792 (17122608) 651583.34
4188455.78 65.96134 (17120901)
651573.88 4188433.06 63.26216 (17120901) 651564.42
4188410.34 63.35477 (17013104)
651554.96 4188387.62 66.55133 (17013104) 651545.51
4188364.90 68.69275 (17120702)
651536.05 4188342.18 70.92326 (17120702) 651526.59
4188319.46 71.06463 (17120702)
651517.13 4188296.74 69.11982 (17120702) 651507.67
4188274.01 70.94467 (17121322)
651498.21 4188251.29 71.37229 (17121322) 651488.75
4188228.57 70.08236 (17121322)
651479.30 4188205.85 69.64042 (17122903) 651469.84
4188183.13 70.65802 (17122903)
651460.38 4188160.41 69.84441 (17122903) 651450.92
4188137.69 68.30656 (17013107)
651441.46 4188114.97 69.87694 (17013107) 651432.00
4188092.25 69.72145 (17013107)
651422.55 4188069.53 67.87771 (17013107) 651413.09
4188046.81 67.19688 (17120922)
651403.63 4188024.08 66.44938 (17122521) 651394.17
4188001.36 67.58428 (17011505)
651384.71 4187978.64 67.73204 (17011505) 651375.25
4187955.92 66.38050 (17011505)
651365.79 4187933.20 63.65431 (17011505) 651356.34
4187910.48 61.00031 (17013008)
652117.39 4189725.08 47.30479 (17022406) 651767.05
4190075.27 35.54183 (17022406)
651757.62 4190052.61 34.88332 (17020406) 651748.18
4190029.95 35.68015 (17020406)
651738.75 4190007.29 35.95877 (17020406) 651729.32
4189984.63 36.05465 (17123021)
651719.89 4189961.97 36.42553 (17123021) 651710.45
4189939.31 36.24781 (17123021)

651701.02 4189916.65 35.52243 (17123021) 651691.59
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651682.15 4189871.33 35.10003 (13012107) 651672.72
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4189758.03 38.28386 (17121324)
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4189712.71 36.46567 (17121324)
651606.69 4189690.05 36.06481 (14042106) 651597.26
4189667.39 37.47179 (15110108)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651587.82	4189644.74	38.50731	(15110108)	651578.39	4189622.08	38.36577	(15110108)
651568.96	4189599.42	37.22490	(15021501)	651559.53	4189576.76	37.71374	(17120208)
651550.09	4189554.10	38.21992	(17120208)	651540.66	4189531.44	38.21060	(17120208)
651531.23	4189508.78	38.49316	(17121808)	651521.79	4189486.12	39.70802	(17121808)
651512.36	4189463.46	40.24465	(17121808)	651502.93	4189440.80	40.48709	(17120624)
651493.49	4189418.14	40.93592	(17120624)	651484.06	4189395.48	40.70432	(17120624)
651474.63	4189372.82	39.79981	(17120624)	651465.20	4189350.16	40.11039	(17043004)
651455.76	4189327.50	43.81303	(17043004)	651446.33	4189304.84	46.85035	(17043004)

651436.90 4189282.18 49.03645 (17043004) 651427.46
4189259.52 50.23446 (17043004)
651418.03 4189236.86 50.36237 (17043004) 651408.60
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651399.17 4189191.54 51.84135 (17120905) 651389.73
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651380.30 4189146.22 52.69881 (17120905) 651370.87
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4188670.37 56.78745 (16012009)
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651153.91 4188602.40 52.36846 (17122608) 651144.48
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651430.52	4190445.04	28.27932	(17022406)	651421.06	4190422.33	27.68168	(17022406)
651411.61	4190399.61	28.11249	(17020406)	651402.15	4190376.90	28.51687	(17020406)
651392.70	4190354.19	28.58293	(17020406)	651383.24	4190331.47	28.71523	(17123021)
651373.78	4190308.76	28.96909	(17123021)	651364.33	4190286.04	28.87665	(17123021)
651354.87	4190263.33	28.43400	(17123021)	651345.42	4190240.61	28.17941	(14121304)
651335.96	4190217.90	27.95800	(14121304)	651326.51	4190195.18	27.95945	(13012107)
651317.05	4190172.47	28.10679	(17010902)	651307.59	4190149.75	28.86591	(17121324)

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651203.58 4189899.89 33.79748 (15110108) 651194.12 4189877.18 32.41907 (15110108)
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651165.76 4189809.03 30.38336 (17120208) 651156.30 4189786.32 30.10532 (17120208)
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650938.82 4189263.88 44.42270 (17020404) 650929.36 4189241.17 45.52365 (17020404)
650919.90 4189218.45 45.81251 (17020404) 650910.45 4189195.74 45.31679 (17020404)
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650882.08 4189127.60 55.97592 (16012009) 650872.62 4189104.88 61.17637 (16012009)
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4188650.59 40.23954 (17120901)
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 541
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- - - -

650560.58 4188355.30 43.30796 (17121322) 650551.13
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        650763.71   4190021.42       25.66113  (17121808)                650754.27
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        650744.83   4189976.08       26.32060  (17121808)                650735.39
4189953.41       26.31457  (17120624)
        650725.96   4189930.74       26.65384  (17120624)                650716.52
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4189862.73       25.93672  (17120624)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 542
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        650669.33   4189794.72       28.15867  (17043004)                650659.90
4189772.05       29.89249  (17043004)
        650650.46   4189749.38       31.29649  (17043004)                650641.02
4189726.71       32.31499  (17043004)
        650631.58   4189704.04       32.86163  (17043004)                650622.15
4189681.37       32.89866  (17043004)
        650612.71   4189658.70       32.54933  (17043004)                650603.27
4189636.03       32.60179  (17120905)
        650593.83   4189613.36       33.90660  (17120905)                650584.40
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649933.22 4188026.46 33.47459 (17011505) 649923.79
4188003.79 33.91277 (17011505)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
649914.35	4187981.12	33.96197	(17011505)	649904.91	4187958.45	33.59255	(17011505)
649895.48	4187935.78	32.87859	(17011505)	649886.04	4187913.11	31.87449	(17011505)
649876.60	4187890.44	30.53811	(17011505)	649867.16	4187867.77	29.73491	(17013008)
649857.73	4187845.10	30.76238	(17013008)	651107.84	4190834.50	23.50784	(17022406)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653690.13	4187328.38	424.71936	(17123009)	653710.13	4187328.38	427.11123	(17123009)
653730.13	4187328.38	387.14558	(17123009)	653750.13	4187328.38	359.57808	(15011509)
653770.13	4187328.38	354.78714	(17120822)	653790.13	4187328.38	386.44816	(17122917)
653810.13	4187328.38	392.52686	(17122917)	653830.13	4187328.38	363.81957	(17122917)
653850.13	4187328.38	366.65494	(17013024)	653870.13	4187328.38	369.83131	(17013024)
653890.13	4187328.38	369.45863	(17012520)	653910.13	4187328.38	351.08264	(17122319)
653930.13	4187328.38	358.73279	(17012804)	653950.13	4187328.38	352.98107	(17012804)
653970.13	4187328.38	354.46962	(17122518)	653990.13	4187328.38	345.47865	(17122920)
654010.13	4187328.38	329.20212	(17012903)	654030.13	4187328.38	324.16458	(17012903)
654050.13	4187328.38	308.61378	(17020801)	654070.13	4187328.38	321.94748	(17020801)
654090.13	4187328.38	315.19873	(17020801)	654110.13	4187328.38	290.61633	(17020801)

654130.13 4187328.38 273.78029 (17120120) 654150.13 4187328.38 282.44814 (17120120)
654170.13 4187328.38 276.52368 (17120120) 654190.13 4187328.38 257.70861 (17120120)
654210.13 4187328.38 255.81995 (17011508) 654230.13 4187328.38 246.07457 (17011508)
654250.13 4187328.38 235.86513 (17012908) 654270.13 4187328.38 244.27097 (17012908)
654290.13 4187328.38 243.70234 (17012908) 654310.13 4187328.38 234.76931 (17012908)
654330.13 4187328.38 218.86018 (17012908) 654350.13 4187328.38 209.22455 (17120121)
654370.13 4187328.38 195.00688 (17120121) 654390.13 4187328.38 188.44334 (17013019)
654410.13 4187328.38 185.45869 (17013019) 654430.13 4187328.38 177.60456 (17122320)
654450.13 4187328.38 188.20160 (17122320) 654470.13 4187328.38 194.61319 (17122320)
654490.13 4187328.38 196.67853 (17122320) 653690.13 4187348.38 442.50486 (17123009)
653710.13 4187348.38 445.14982 (17123009) 653730.13 4187348.38 401.65691 (17123009)
653750.13 4187348.38 374.51134 (15011509) 653770.13 4187348.38 371.56823 (17120822)
653790.13 4187348.38 406.22966 (17122917) 653810.13 4187348.38 406.68518 (17122917)
653830.13 4187348.38 370.16199 (17122917) 653850.13 4187348.38 386.21191 (17013024)
653870.13 4187348.38 381.21110 (17013024) 653890.13 4187348.38 381.99907 (17012520)
653910.13 4187348.38 372.41914 (17122319) 653930.13 4187348.38 375.81037 (17012804)
653950.13 4187348.38 371.51658 (17122518) 653970.13 4187348.38 367.64892 (17122920)
653990.13 4187348.38 348.83401 (17122920) 654010.13 4187348.38 343.49083 (17012903)
654030.13 4187348.38 327.68734 (17012903) 654050.13 4187348.38 332.30321 (17020801)
654070.13 4187348.38 334.20805 (17020801) 654090.13 4187348.38 315.22307 (17020801)
654110.13 4187348.38 279.84968 (17020801) 654130.13 4187348.38 293.51570 (17120120)
654150.13 4187348.38 291.81507 (17120120) 654170.13 4187348.38 275.31409 (17120120)
654190.13 4187348.38 267.44760 (17011508) 654210.13 4187348.38 259.76835 (17011508)
654230.13 4187348.38 244.12739 (17012908) 654250.13 4187348.38 254.34392 (17012908)
654270.13 4187348.38 254.76307 (17012908) 654290.13 4187348.38 245.95735 (17012908)

654310.13 4187348.38 229.41523 (17012908) 654330.13
4187348.38 218.47519 (17120121)
654350.13 4187348.38 203.31766 (17120121) 654370.13
4187348.38 196.68513 (17013019)
654390.13 4187348.38 192.98870 (17013019) 654410.13
4187348.38 187.39983 (17122320)
654430.13 4187348.38 197.97919 (17122320) 654450.13
4187348.38 203.93013 (17122320)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654470.13	4187348.38	205.14275	(17122320)	654490.13	4187348.38	201.83473	(17122320)
653690.13	4187368.38	461.59980	(17123009)	653710.13	4187368.38	464.44141	(17123009)
653730.13	4187368.38	417.27267	(17011719)	653750.13	4187368.38	390.40312	(15011509)
653770.13	4187368.38	391.33026	(17122917)	653790.13	4187368.38	426.81975	(17122917)
653810.13	4187368.38	420.64471	(17122917)	653830.13	4187368.38	382.82354	(17013024)
653850.13	4187368.38	405.39344	(17013024)	653870.13	4187368.38	401.87860	(17012520)
653890.13	4187368.38	392.14453	(17012520)	653910.13	4187368.38	391.35247	(17122319)
653930.13	4187368.38	389.32053	(17012804)	653950.13	4187368.38	387.96203	(17122518)
653970.13	4187368.38	378.82484	(17122920)	653990.13	4187368.38	358.37237	(17012903)
654010.13	4187368.38	353.19307	(17012903)	654030.13	4187368.38	338.68015	(17020801)

654050.13 4187368.38 351.05111 (17020801) 654070.13
4187368.38 339.65749 (17020801)
654090.13 4187368.38 307.99741 (17020801) 654110.13
4187368.38 303.65186 (17120120)
654130.13 4187368.38 307.11957 (17120120) 654150.13
4187368.38 293.74748 (17120120)
654170.13 4187368.38 279.24709 (17011508) 654190.13
4187368.38 274.17412 (17011508)
654210.13 4187368.38 255.36812 (17011508) 654230.13
4187368.38 265.00527 (17012908)
654250.13 4187368.38 266.60864 (17012908) 654270.13
4187368.38 258.01514 (17012908)
654290.13 4187368.38 240.81942 (17012908) 654310.13
4187368.38 228.44489 (17120121)
654330.13 4187368.38 212.25083 (17120121) 654350.13
4187368.38 205.53252 (17013019)
654370.13 4187368.38 201.01444 (17013019) 654390.13
4187368.38 197.95571 (17122320)
654410.13 4187368.38 208.43967 (17122320) 654430.13
4187368.38 213.80258 (17122320)
654450.13 4187368.38 214.00147 (17122320) 654470.13
4187368.38 209.35904 (17122320)
654490.13 4187368.38 200.48550 (17122320) 653690.13
4187388.38 482.09413 (17123009)
653710.13 4187388.38 485.25373 (17123009) 653730.13
4187388.38 435.27162 (17011719)
653750.13 4187388.38 407.20300 (15011509) 653770.13
4187388.38 416.14783 (17122917)
653790.13 4187388.38 448.20038 (17122917) 653810.13
4187388.38 434.17265 (17122917)
653830.13 4187388.38 408.99019 (17013024) 653850.13
4187388.38 423.72818 (17013024)
653870.13 4187388.38 421.43014 (17012520) 653890.13
4187388.38 399.35431 (17122319)
653910.13 4187388.38 409.35724 (17012804) 653930.13
4187388.38 403.34291 (17122518)
653950.13 4187388.38 401.99988 (17122920) 653970.13
4187388.38 384.58904 (17122920)
653990.13 4187388.38 375.35278 (17012903) 654010.13
4187388.38 357.29958 (17012903)
654030.13 4187388.38 364.63474 (17020801) 654050.13
4187388.38 363.07243 (17020801)
654070.13 4187388.38 337.18688 (17020801) 654090.13
4187388.38 312.45608 (17120120)
654110.13 4187388.38 322.15298 (17120120) 654130.13
4187388.38 312.89119 (17120120)
654150.13 4187388.38 291.09467 (17011508) 654170.13
4187388.38 289.26940 (17011508)
654190.13 4187388.38 271.78882 (17011508) 654210.13
4187388.38 276.28832 (17012908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654230.13	4187388.38	279.31215	(17012908)	654250.13	4187388.38	271.03902	(17012908)
654270.13	4187388.38	253.17049	(17012908)	654290.13	4187388.38	239.21540	(17120121)
654310.13	4187388.38	221.87449	(17120121)	654330.13	4187388.38	215.05111	(17013019)
654350.13	4187388.38	209.58024	(17013019)	654370.13	4187388.38	209.34704	(17122320)
654390.13	4187388.38	219.63932	(17122320)	654410.13	4187388.38	224.26461	(17122320)
654430.13	4187388.38	223.26513	(17122320)	654450.13	4187388.38	217.08811	(17122320)
654470.13	4187388.38	206.49116	(17122320)	654490.13	4187388.38	204.87017	(17121219)
653690.13	4187408.38	504.24125	(17123009)	653710.13	4187408.38	507.70983	(17123009)
653730.13	4187408.38	454.53584	(17011719)	653750.13	4187408.38	425.07953	(15011509)
653770.13	4187408.38	442.76058	(17122917)	653790.13	4187408.38	470.20023	(17122917)
653810.13	4187408.38	447.02371	(17122917)	653830.13	4187408.38	435.70890	(17013024)
653850.13	4187408.38	440.74925	(17013024)	653870.13	4187408.38	438.89275	(17012520)
653890.13	4187408.38	426.05321	(17122319)	653910.13	4187408.38	429.48835	(17012804)
653930.13	4187408.38	425.64564	(17122518)	653950.13	4187408.38	417.34282	(17122920)

653970.13 4187408.38 392.24296 (17012903) 653990.13 4187408.38 386.94515 (17012903)
654010.13 4187408.38 373.64596 (17020801) 654030.13 4187408.38 384.36813 (17020801)
654050.13 4187408.38 366.74088 (17020801) 654070.13 4187408.38 326.13704 (17020801)
654090.13 4187408.38 336.54935 (17120120) 654110.13 4187408.38 332.56255 (17120120)
654130.13 4187408.38 309.56020 (17120120) 654150.13 4187408.38 305.01050 (17011508)
654170.13 4187408.38 289.40028 (17011508) 654190.13 4187408.38 288.22557 (17012908)
654210.13 4187408.38 292.95369 (17012908) 654230.13 4187408.38 285.13634 (17012908)
654250.13 4187408.38 266.58034 (17012908) 654270.13 4187408.38 250.87944 (17120121)
654290.13 4187408.38 232.26593 (17120121) 654310.13 4187408.38 225.31108 (17013019)
654330.13 4187408.38 218.73525 (17013019) 654350.13 4187408.38 221.66048 (17122320)
654370.13 4187408.38 231.63894 (17122320) 654390.13 4187408.38 235.34460 (17122320)
654410.13 4187408.38 232.93214 (17122320) 654430.13 4187408.38 224.99858 (17122320)
654450.13 4187408.38 212.91442 (17121219) 654470.13 4187408.38 214.97623 (17121219)
654490.13 4187408.38 212.59567 (17121219) 653690.13 4187428.38 528.11819 (17123009)
653710.13 4187428.38 531.93800 (17123009) 653730.13 4187428.38 475.23681 (17011719)
653750.13 4187428.38 444.03997 (15011509) 653770.13 4187428.38 471.17554 (17122917)
653790.13 4187428.38 492.82268 (17122917) 653810.13 4187428.38 458.90222 (17122917)
653830.13 4187428.38 462.59687 (17013024) 653850.13 4187428.38 458.97782 (17012520)
653870.13 4187428.38 453.44053 (17012520) 653890.13 4187428.38 449.56118 (17122319)
653910.13 4187428.38 444.74940 (17012804) 653930.13 4187428.38 442.64761 (17122518)
653950.13 4187428.38 426.46354 (17122920) 653970.13 4187428.38 412.64288 (17012903)
653990.13 4187428.38 391.79292 (17012903) 654010.13 4187428.38 402.08230 (17020801)
654030.13 4187428.38 395.69192 (17020801) 654050.13 4187428.38 360.82404 (17020801)
654070.13 4187428.38 349.84120 (17120120) 654090.13 4187428.38 352.49594 (17120120)
654110.13 4187428.38 333.10362 (17120120) 654130.13 4187428.38 321.32008 (17011508)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654390.13	4187428.38	242.99803	(17122320)	654410.13	4187428.38	233.05575	(17122320)
654430.13	4187428.38	224.86083	(17121219)	654450.13	4187428.38	225.33850	(17121219)
654470.13	4187428.38	221.05967	(17121219)	654490.13	4187428.38	212.61246	(17121219)
653690.13	4187448.38	553.98221	(17123009)	653710.13	4187448.38	558.27044	(17123009)
653730.13	4187448.38	497.40870	(17011719)	653750.13	4187448.38	464.18439	(15011509)
653770.13	4187448.38	501.56161	(17122917)	653790.13	4187448.38	515.68948	(17122917)
653810.13	4187448.38	469.45556	(17122917)	653830.13	4187448.38	489.14675	(17013024)
653850.13	4187448.38	486.05589	(17012520)	653870.13	4187448.38	464.14898	(17012520)

653890.13 4187448.38 473.19747 (17012804) 653910.13 4187448.38 468.13629 (17122518)
653930.13 4187448.38 462.25417 (17122920) 653950.13 4187448.38 431.98961 (17012903)
653970.13 4187448.38 426.61602 (17012903) 653990.13 4187448.38 414.77807 (17020801)
654010.13 4187448.38 422.62048 (17020801) 654030.13 4187448.38 396.68271 (17020801)
654050.13 4187448.38 361.44519 (17120120) 654070.13 4187448.38 372.31547 (17120120)
654090.13 4187448.38 357.91405 (17120120) 654110.13 4187448.38 338.07598 (17011508)
654130.13 4187448.38 328.40490 (17011508) 654150.13 4187448.38 314.18542 (17012908)
654170.13 4187448.38 323.42015 (17012908) 654190.13 4187448.38 317.06352 (17012908)
654210.13 4187448.38 297.12324 (17012908) 654230.13 4187448.38 277.34963 (17120121)
654250.13 4187448.38 255.72826 (17120121) 654270.13 4187448.38 248.39726 (17013019)
654290.13 4187448.38 239.03535 (17013019) 654310.13 4187448.38 249.43570 (17122320)
654330.13 4187448.38 258.30234 (17122320) 654350.13 4187448.38 259.48226 (17122320)
654370.13 4187448.38 253.45207 (17122320) 654390.13 4187448.38 241.21446 (17122320)
654410.13 4187448.38 237.31058 (17121219) 654430.13 4187448.38 235.89290 (17121219)
654450.13 4187448.38 229.41972 (17121219) 654470.13 4187448.38 219.62927 (17121320)
654490.13 4187448.38 217.24590 (17121320) 653690.13 4187468.38 582.14805 (17123009)
653710.13 4187468.38 586.90436 (17123009) 653730.13 4187468.38 521.18242 (17011719)
653750.13 4187468.38 485.62660 (15011509) 653770.13 4187468.38 533.86906 (17122917)
653790.13 4187468.38 538.69659 (17122917) 653810.13 4187468.38 492.22682 (17013024)
653830.13 4187468.38 514.70400 (17013024) 653850.13 4187468.38 510.84095 (17012520)
653870.13 4187468.38 494.27210 (17122319) 653890.13 4187468.38 497.25567 (17012804)
653910.13 4187468.38 492.62287 (17122518) 653930.13 4187468.38 476.01304 (17122920)
653950.13 4187468.38 456.77030 (17012903) 653970.13 4187468.38 432.42101 (17012903)
653990.13 4187468.38 446.01922 (17020801) 654010.13 4187468.38 432.49018 (17020801)
654030.13 4187468.38 385.90961 (17020801) 654050.13 4187468.38 391.48235 (17120120)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654350.13	4187468.38	264.26893	(17122320)	654370.13	4187468.38	249.41332	(17122320)
654390.13	4187468.38	250.21765	(17121219)	654410.13	4187468.38	246.54817	(17121219)
654430.13	4187468.38	237.55754	(17121219)	654450.13	4187468.38	230.85138	(17121320)
654470.13	4187468.38	226.07704	(17121320)	654490.13	4187468.38	231.27718	(17011509)
653690.13	4187488.38	612.75335	(17123009)	653710.13	4187488.38	618.04970	(17123009)
653730.13	4187488.38	546.84098	(17011719)	653750.13	4187488.38	514.70194	(17120822)
653770.13	4187488.38	568.16424	(17122917)	653790.13	4187488.38	561.38953	(17122917)

653810.13 4187488.38 530.16473 (17013024) 653830.13
4187488.38 538.44466 (17013024)
653850.13 4187488.38 532.21795 (17012520) 653870.13
4187488.38 524.20263 (17122319)
653890.13 4187488.38 515.82200 (17122620) 653910.13
4187488.38 514.82034 (17122920)
653930.13 4187488.38 480.62610 (17122920) 653950.13
4187488.38 473.83087 (17012903)
653970.13 4187488.38 463.63676 (17020801) 653990.13
4187488.38 467.01662 (17020801)
654010.13 4187488.38 429.53901 (17020801) 654030.13
4187488.38 409.30918 (17120120)
654050.13 4187488.38 410.38138 (17120120) 654070.13
4187488.38 381.78581 (17120120)
654090.13 4187488.38 372.60390 (17011508) 654110.13
4187488.38 346.78562 (17011508)
654130.13 4187488.38 358.83260 (17012908) 654150.13
4187488.38 355.02528 (17012908)
654170.13 4187488.38 333.77171 (17012908) 654190.13
4187488.38 308.96330 (17120121)
654210.13 4187488.38 283.54201 (17120121) 654230.13
4187488.38 275.61006 (17013019)
654250.13 4187488.38 265.83721 (17122320) 654270.13
4187488.38 282.18334 (17122320)
654290.13 4187488.38 289.00742 (17122320) 654310.13
4187488.38 286.42251 (17122320)
654330.13 4187488.38 275.41577 (17122320) 654350.13
4187488.38 263.35623 (17121219)
654370.13 4187488.38 263.51434 (17121219) 654390.13
4187488.38 257.19042 (17121219)
654410.13 4187488.38 245.32863 (17121219) 654430.13
4187488.38 241.93302 (17121320)
654450.13 4187488.38 241.58691 (17011509) 654470.13
4187488.38 247.09797 (17011509)
654490.13 4187488.38 248.73357 (17011509) 653690.13
4187508.38 646.28346 (17123009)
653710.13 4187508.38 652.20622 (17123009) 653730.13
4187508.38 574.42775 (17011719)
653750.13 4187508.38 547.43610 (17120822) 653770.13
4187508.38 604.41286 (17122917)
653790.13 4187508.38 583.37947 (17122917) 653810.13
4187508.38 568.81738 (17013024)
653830.13 4187508.38 567.78402 (17012520) 653850.13
4187508.38 548.65224 (17012520)
653870.13 4187508.38 555.58011 (17012804) 653890.13
4187508.38 550.26729 (17122518)
653910.13 4187508.38 535.10823 (17122920) 653930.13
4187508.38 509.60794 (17012903)
653950.13 4187508.38 480.85046 (17012903) 653970.13
4187508.38 497.82133 (17020801)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654310.13	4187508.38	286.83681	(17122320)	654330.13	4187508.38	279.62227	(17121219)
654350.13	4187508.38	277.10635	(17121219)	654370.13	4187508.38	267.67510	(17121219)
654390.13	4187508.38	258.20944	(17121320)	654410.13	4187508.38	252.67036	(17121320)
654430.13	4187508.38	259.74597	(17011509)	654450.13	4187508.38	263.17673	(17011509)
654470.13	4187508.38	262.37716	(17011509)	654490.13	4187508.38	257.70360	(17011509)
653690.13	4187528.38	682.83754	(17123009)	653710.13	4187528.38	689.59693	(17123009)

653730.13 4187528.38 604.19998 (17011719) 653750.13 4187528.38 585.44909 (17122917)
653770.13 4187528.38 642.50538 (17122917) 653790.13 4187528.38 604.17613 (17122917)
653810.13 4187528.38 607.34961 (17013024) 653830.13 4187528.38 603.90880 (17012520)
653850.13 4187528.38 583.42588 (17122319) 653870.13 4187528.38 584.61379 (17012804)
653890.13 4187528.38 576.81367 (17122920) 653910.13 4187528.38 544.36430 (17122920)
653930.13 4187528.38 530.69417 (17012903) 653950.13 4187528.38 522.35929 (17020801)
653970.13 4187528.38 518.60492 (17020801) 653990.13 4187528.38 465.53905 (17020801)
654010.13 4187528.38 463.55172 (17120120) 654030.13 4187528.38 449.58641 (17120120)
654050.13 4187528.38 421.60383 (17011508) 654070.13 4187528.38 403.21032 (17011508)
654090.13 4187528.38 400.16890 (17012908) 654110.13 4187528.38 400.66340 (17012908)
654130.13 4187528.38 378.36259 (17012908) 654150.13 4187528.38 347.25598 (17120121)
654170.13 4187528.38 316.94077 (17120121) 654190.13 4187528.38 308.03143 (17013019)
654210.13 4187528.38 305.50426 (17122320) 654230.13 4187528.38 321.02594 (17122320)
654250.13 4187528.38 324.37492 (17122320) 654270.13 4187528.38 316.25519 (17122320)
654290.13 4187528.38 298.45431 (17122320) 654310.13 4187528.38 296.60452 (17121219)
654330.13 4187528.38 290.85689 (17121219) 654350.13 4187528.38 277.81832 (17121219)
654370.13 4187528.38 271.84189 (17121320) 654390.13 4187528.38 272.73272 (17011509)
654410.13 4187528.38 278.44533 (17011509) 654430.13 4187528.38 279.27032 (17011509)
654450.13 4187528.38 275.55487 (17011509) 654470.13 4187528.38 267.82761 (17011509)
654490.13 4187528.38 256.74017 (17011509) 653690.13 4187548.38 723.02393 (17123009)
653710.13 4187548.38 730.53551 (17123009) 653730.13 4187548.38 636.26750 (17011719)
653750.13 4187548.38 634.04539 (17122917) 653770.13 4187548.38 682.02633 (17122917)
653790.13 4187548.38 622.72639 (17122917) 653810.13 4187548.38 644.78489 (17013024)
653830.13 4187548.38 636.05567 (17012520) 653850.13 4187548.38 622.65322 (17122319)
653870.13 4187548.38 617.23669 (17122518) 653890.13 4187548.38 606.43057 (17122920)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654270.13	4187548.38	314.65200	(17121219)	654290.13	4187548.38	314.20718	(17121219)
654310.13	4187548.38	304.58653	(17121219)	654330.13	4187548.38	291.61128	(17121320)
654350.13	4187548.38	285.86623	(17011509)	654370.13	4187548.38	294.47427	(17011509)
654390.13	4187548.38	297.43674	(17011509)	654410.13	4187548.38	295.06648	(17011509)
654430.13	4187548.38	287.92167	(17011509)	654450.13	4187548.38	276.72977	(17011509)

654470.13 4187548.38 262.30921 (17011509) 654490.13 4187548.38 245.49650 (17011509)
653690.13 4187568.38 767.22711 (17123009) 653710.13 4187568.38 775.75264 (17123009)
653730.13 4187568.38 670.92941 (17011719) 653750.13 4187568.38 687.31680 (17122917)
653770.13 4187568.38 722.86899 (17122917) 653790.13 4187568.38 664.78147 (17013024)
653810.13 4187568.38 679.38159 (17013024) 653830.13 4187568.38 661.86256 (17012520)
653850.13 4187568.38 665.06430 (17012804) 653870.13 4187568.38 656.50197 (17122518)
653890.13 4187568.38 622.70063 (17122920) 653910.13 4187568.38 600.44589 (17012903)
653930.13 4187568.38 593.88356 (17020801) 653950.13 4187568.38 579.14046 (17020801)
653970.13 4187568.38 510.42078 (17120120) 653990.13 4187568.38 523.88529 (17120120)
654010.13 4187568.38 487.83821 (17120120) 654030.13 4187568.38 469.97367 (17011508)
654050.13 4187568.38 448.51588 (17012908) 654070.13 4187568.38 456.18967 (17012908)
654090.13 4187568.38 433.49152 (17012908) 654110.13 4187568.38 394.41865 (17120121)
654130.13 4187568.38 357.65619 (17120121) 654150.13 4187568.38 347.13290 (17013019)
654170.13 4187568.38 354.09214 (17122320) 654190.13 4187568.38 367.35454 (17122320)
654210.13 4187568.38 365.02016 (17122320) 654230.13 4187568.38 348.83343 (17122320)
654250.13 4187568.38 336.67370 (17121219) 654270.13 4187568.38 332.28051 (17121219)
654290.13 4187568.38 318.05681 (17121219) 654310.13 4187568.38 308.68871 (17121320)
654330.13 4187568.38 311.12126 (17011509) 654350.13 4187568.38 316.88797 (17011509)
654370.13 4187568.38 316.38046 (17011509) 654390.13 4187568.38 310.16844 (17011509)
654410.13 4187568.38 299.06166 (17011509) 654430.13 4187568.38 284.00612 (17011509)
654450.13 4187568.38 265.99693 (17011509) 654470.13 4187568.38 245.99884 (17011509)
654490.13 4187568.38 224.89364 (17011509) 653690.13 4187588.38 816.16461 (17123009)
653710.13 4187588.38 825.73709 (17123009) 653730.13 4187588.38 710.80312 (15011509)
653750.13 4187588.38 745.73671 (17122917) 653770.13 4187588.38 763.97850 (17122917)
653790.13 4187588.38 723.42110 (17013024) 653810.13 4187588.38 727.05620 (17012520)

653830.13 4187588.38 703.50272 (17122319) 653850.13 4187588.38 700.45231 (17012804)
653870.13 4187588.38 693.55800 (17122920) 653890.13 4187588.38 652.86601 (17012903)
653910.13 4187588.38 616.39709 (17020801) 653930.13 4187588.38 634.19085 (17020801)
653950.13 4187588.38 575.16720 (17020801) 653970.13 4187588.38 561.57869 (17120120)
653990.13 4187588.38 536.66593 (17120120) 654010.13 4187588.38 507.43271 (17011508)
654030.13 4187588.38 475.66015 (17012908) 654050.13 4187588.38 488.56857 (17012908)
654070.13 4187588.38 466.13099 (17012908) 654090.13 4187588.38 422.27665 (17120121)
654110.13 4187588.38 381.49277 (17120121) 654130.13 4187588.38 369.79449 (17013019)
654150.13 4187588.38 382.54772 (17122320) 654170.13 4187588.38 393.84271 (17122320)
654190.13 4187588.38 387.48246 (17122320) 654210.13 4187588.38 365.98935 (17122320)
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** *** *** 07:02:13

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- - - -

654390.13 4187588.38 308.48999 (17011509) 654410.13
4187588.38 289.21541 (17011509)
654430.13 4187588.38 267.43161 (17011509) 654450.13
4187588.38 244.20838 (17011509)
654470.13 4187588.38 220.48017 (17011509) 654490.13
4187588.38 197.01651 (17011509)
653690.13 4187608.38 870.19556 (17123009) 653710.13
4187608.38 881.18860 (17123009)
653730.13 4187608.38 759.53255 (15011509) 653750.13
4187608.38 809.02810 (17122917)
653770.13 4187608.38 804.62504 (17122917) 653790.13
4187608.38 782.86925 (17013024)
653810.13 4187608.38 776.52138 (17012520) 653830.13
4187608.38 756.63172 (17122319)
653850.13 4187608.38 752.74269 (17122518) 653870.13
4187608.38 720.28650 (17122920)
653890.13 4187608.38 687.12851 (17012903) 653910.13
4187608.38 682.13835 (17020801)
653930.13 4187608.38 649.97307 (17020801) 653950.13
4187608.38 597.67310 (17120120)
653970.13 4187608.38 589.13522 (17120120) 653990.13
4187608.38 547.49983 (17011508)
654010.13 4187608.38 511.13235 (17011508) 654030.13
4187608.38 524.62759 (17012908)
654050.13 4187608.38 502.94951 (17012908) 654070.13
4187608.38 453.66470 (17120121)
654090.13 4187608.38 408.17038 (17120121) 654110.13
4187608.38 394.93923 (17013019)
654130.13 4187608.38 414.32442 (17122320) 654150.13
4187608.38 422.85443 (17122320)
654170.13 4187608.38 411.41627 (17122320) 654190.13
4187608.38 385.73745 (17121219)
654210.13 4187608.38 384.12834 (17121219) 654230.13
4187608.38 368.88978 (17121219)
654250.13 4187608.38 354.99427 (17121320) 654270.13
4187608.38 359.35627 (17011509)
654290.13 4187608.38 364.88608 (17011509) 654310.13
4187608.38 362.19097 (17011509)
654330.13 4187608.38 352.22313 (17011509) 654350.13
4187608.38 336.24308 (17011509)
654370.13 4187608.38 315.65745 (17011509) 654390.13
4187608.38 291.88402 (17011509)
654410.13 4187608.38 266.23380 (17011509) 654430.13
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4187608.38 193.12155 (17122619)
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4187628.38 931.95416 (17123009)
653710.13 4187628.38 944.46582 (17123009) 653730.13
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653750.13 4187628.38 878.19652 (17122917) 653770.13
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4187628.38 817.74126 (17012520)
653830.13 4187628.38 814.50034 (17012804) 653850.13
4187628.38 800.27954 (17122920)
653870.13 4187628.38 751.99253 (17012903) 653890.13
4187628.38 716.25560 (17020801)
653910.13 4187628.38 724.77524 (17020801) 653930.13
4187628.38 634.67491 (17020801)
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4187628.38 589.82005 (17011508)
653990.13 4187628.38 562.17000 (17011508) 654010.13
4187628.38 564.92705 (17012908)
654030.13 4187628.38 544.72490 (17012908) 654050.13
4187628.38 489.25244 (17120121)
654070.13 4187628.38 438.18691 (17120121) 654090.13
4187628.38 422.95008 (17013019)
654110.13 4187628.38 449.92069 (17122320) 654130.13
4187628.38 454.63516 (17122320)
654150.13 4187628.38 436.80357 (17122320) 654170.13
4187628.38 416.96911 (17121219)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654190.13	4187628.38	409.17452	(17121219)	654210.13	4187628.38	386.70614	(17121219)
654230.13	4187628.38	381.92279	(17011509)	654250.13	4187628.38	392.18333	(17011509)
654270.13	4187628.38	392.53235	(17011509)	654290.13	4187628.38	383.94295	(17011509)

654310.13 4187628.38 367.85481 (17011509) 654330.13
4187628.38 345.95028 (17011509)
654350.13 4187628.38 319.96458 (17011509) 654370.13
4187628.38 291.52244 (17011509)
654390.13 4187628.38 262.05298 (17011509) 654410.13
4187628.38 232.73386 (17011509)
654430.13 4187628.38 208.77253 (17122619) 654450.13
4187628.38 208.80288 (17122619)
654470.13 4187628.38 206.54138 (17122619) 654490.13
4187628.38 202.26111 (17122619)
653690.13 4187648.38 1000.70927 (17123009) 653710.13
4187648.38 1014.79570 (17123009)
653730.13 4187648.38 874.46097 (15011509) 653750.13
4187648.38 953.88128 (17122917)
653770.13 4187648.38 879.12025 (17122917) 653790.13
4187648.38 893.75418 (17013024)
653810.13 4187648.38 869.12095 (17122319) 653830.13
4187648.38 867.04787 (17122620)
653850.13 4187648.38 843.37213 (17122920) 653870.13
4187648.38 796.69190 (17012903)
653890.13 4187648.38 792.81836 (17020801) 653910.13
4187648.38 733.27373 (17020801)
653930.13 4187648.38 700.87734 (17120120) 653950.13
4187648.38 655.17846 (17120120)
653970.13 4187648.38 619.34845 (17011508) 653990.13
4187648.38 610.10163 (17012908)
654010.13 4187648.38 592.42555 (17012908) 654030.13
4187648.38 529.88121 (17120121)
654050.13 4187648.38 473.42190 (17013019) 654070.13
4187648.38 461.63051 (17122320)
654090.13 4187648.38 489.91984 (17122320) 654110.13
4187648.38 489.43112 (17122320)
654130.13 4187648.38 463.56345 (17122320) 654150.13
4187648.38 450.29674 (17121219)
654170.13 4187648.38 434.63956 (17121219) 654190.13
4187648.38 414.60654 (17121320)
654210.13 4187648.38 421.39551 (17011509) 654230.13
4187648.38 426.11505 (17011509)
654250.13 4187648.38 419.78952 (17011509) 654270.13
4187648.38 404.04004 (17011509)
654290.13 4187648.38 380.87841 (17011509) 654310.13
4187648.38 352.44302 (17011509)
654330.13 4187648.38 320.77061 (17011509) 654350.13
4187648.38 287.65807 (17011509)
654370.13 4187648.38 254.58722 (17011509) 654390.13
4187648.38 226.64792 (17122619)
654410.13 4187648.38 226.20195 (17122619) 654430.13
4187648.38 223.10507 (17122619)
654450.13 4187648.38 217.70614 (17122619) 654470.13
4187648.38 210.38627 (17122619)

654490.13 4187648.38 201.53025 (17122619) 653690.13
4187668.38 1075.68057 (17123009)
653710.13 4187668.38 1091.57913 (17123009) 653730.13
4187668.38 939.19833 (15011509)
653750.13 4187668.38 1031.74093 (17122917) 653770.13
4187668.38 961.28772 (17013024)
653790.13 4187668.38 973.15135 (17012520) 653810.13
4187668.38 945.88203 (17012804)
653830.13 4187668.38 935.29813 (17122518) 653850.13
4187668.38 877.78338 (17012903)
653870.13 4187668.38 843.86542 (17020801) 653890.13
4187668.38 835.23598 (17020801)
653910.13 4187668.38 755.66578 (17120120) 653930.13
4187668.38 733.89868 (17120120)
653950.13 4187668.38 683.17622 (17011508) 653970.13
4187668.38 660.88829 (17012908)
653990.13 4187668.38 647.26692 (17012908) 654010.13
4187668.38 576.74864 (17012908)
654030.13 4187668.38 514.94806 (17013019) 654050.13
4187668.38 508.72821 (17122320)
654070.13 4187668.38 535.00868 (17122320) 654090.13
4187668.38 527.47790 (17122320)
654110.13 4187668.38 491.51775 (17122320) 654130.13
4187668.38 485.50578 (17121219)
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 553
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

654230.13 4187668.38 445.66424 (17011509) 654250.13
4187668.38 421.42894 (17011509)
654270.13 4187668.38 390.30925 (17011509) 654290.13
4187668.38 354.88360 (17011509)
654310.13 4187668.38 317.44531 (17011509) 654330.13
4187668.38 279.87978 (17011509)
654350.13 4187668.38 247.21753 (17122619) 654370.13
4187668.38 246.12928 (17122619)
654390.13 4187668.38 241.95142 (17122619) 654410.13
4187668.38 235.13889 (17122619)
654430.13 4187668.38 226.17599 (17122619) 654450.13
4187668.38 215.54296 (17122619)
654470.13 4187668.38 204.45615 (17121906) 654490.13
4187668.38 198.30366 (17121906)
653690.13 4187688.38 1161.56322 (17123009) 653710.13
4187688.38 1177.39784 (17123009)
653730.13 4187688.38 1013.06455 (17120822) 653750.13
4187688.38 1111.33775 (17122917)
653770.13 4187688.38 1057.06422 (17013024) 653790.13
4187688.38 1039.64233 (17012520)
653810.13 4187688.38 1024.91071 (17012804) 653830.13
4187688.38 1001.25293 (17122920)
653850.13 4187688.38 937.24343 (17012903) 653870.13
4187688.38 932.56539 (17020801)
653890.13 4187688.38 828.90277 (17020801) 653910.13
4187688.38 819.50219 (17120120)
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654130.13 4187688.38 493.66069 (17121320) 654150.13
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4187688.38 434.84733 (17011509)
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4187688.38 352.41515 (17011509)
654290.13 4187688.38 309.41054 (17011509) 654310.13
4187688.38 271.09008 (17122619)
654330.13 4187688.38 269.12677 (17122619) 654350.13
4187688.38 263.53927 (17122619)
654370.13 4187688.38 254.92433 (17122619) 654390.13
4187688.38 243.90164 (17122619)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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654190.13 4187708.38 487.74742 (17011509) 654210.13
4187708.38 442.81919 (17011509)
654230.13 4187708.38 393.90808 (17011509) 654250.13
4187708.38 344.23302 (17011509)
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4187708.38 295.89821 (17122619)
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4187708.38 204.97845 (17020824)
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4187728.38 551.18782 (17011509)
654170.13 4187728.38 500.29339 (17011509) 654190.13
4187728.38 443.71079 (17011509)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 555
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4187788.38 912.37776 (17121219)
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4187788.38 883.90525 (17011509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

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        654170.13   4187808.38      418.02302  (17020824)                654190.13
4187808.38      397.62351  (17020824)
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4187808.38      347.18141  (17020824)
        654250.13   4187808.38      324.40230  (17011303)                654270.13
4187808.38      317.00641  (17011303)
        654290.13   4187808.38      307.20566  (17011303)                654310.13
4187808.38      295.56843  (17011303)
        654330.13   4187808.38      282.60265  (17011303)                654350.13
4187808.38      268.74562  (17011303)
        654370.13   4187808.38      255.52793  (17121319)                654390.13
4187808.38      250.33875  (17121319)
        654410.13   4187808.38      244.19230  (17121319)                654430.13
4187808.38      237.28805  (17121319)
        654450.13   4187808.38      229.80107  (17121319)                654470.13
4187808.38      221.88749  (17121319)
        654490.13   4187808.38      213.68191  (17121319)                653690.13
4187828.38     2386.61685  (17123009)
        653710.13   4187828.38     2478.49599  (17123009)                653730.13
4187828.38     2414.52734  (17122917)
        653750.13   4187828.38     2267.64021  (17122701)                653770.13
4187828.38     2197.21225  (17122920)
        653790.13   4187828.38     2069.58809  (17020801)                653810.13
4187828.38     1867.52364  (17120120)
        653830.13   4187828.38     1664.33923  (17012908)                653850.13
4187828.38     1548.72172  (17012908)
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4187828.38     1361.24650  (17122320)
        653910.13   4187828.38     1254.15961  (17121219)                653930.13
4187828.38     1196.19830  (17011509)
        653950.13   4187828.38     1187.41056  (17011509)                653970.13
4187828.38     1096.69349  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 557
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653990.13	4187828.38	957.58817	(17011509)	654010.13	4187828.38	800.30073	(17011509)
654030.13	4187828.38	653.46973	(17122619)	654050.13	4187828.38	619.49069	(17122619)
654070.13	4187828.38	571.55123	(17122619)	654090.13	4187828.38	523.03457	(17121906)
654110.13	4187828.38	500.83360	(17020824)	654130.13	4187828.38	475.36882	(17020824)
654150.13	4187828.38	444.34293	(17020824)	654170.13	4187828.38	410.11376	(17020824)
654190.13	4187828.38	382.93960	(17011303)	654210.13	4187828.38	371.72080	(17011303)
654230.13	4187828.38	357.45603	(17011303)	654250.13	4187828.38	341.01353	(17011303)
654270.13	4187828.38	323.13467	(17011303)	654290.13	4187828.38	304.43684	(17011303)
654310.13	4187828.38	296.77998	(17121319)	654330.13	4187828.38	288.30337	(17121319)
654350.13	4187828.38	278.83131	(17121319)	654370.13	4187828.38	268.63715	(17121319)
654390.13	4187828.38	257.95518	(17121319)	654410.13	4187828.38	246.98427	(17121319)
654430.13	4187828.38	235.88695	(17121319)	654450.13	4187828.38	226.26995	(17010504)
654470.13	4187828.38	219.59903	(17010504)	654490.13	4187828.38	212.68703	(17010504)
653690.13	4187848.38	2773.87012	(17122820)	653710.13	4187848.38	2845.49433	(17123009)
653730.13	4187848.38	2750.25691	(17013024)	653750.13	4187848.38	2680.97854	(17012804)
653770.13	4187848.38	2480.58855	(17012903)	653790.13	4187848.38	2244.16892	(17120120)
653810.13	4187848.38	2006.57961	(17011508)	653830.13	4187848.38	1861.64328	(17012908)
653850.13	4187848.38	1619.31259	(17122320)	653870.13	4187848.38	1589.78337	(17122320)
653890.13	4187848.38	1450.84709	(17121219)	653910.13	4187848.38	1440.02773	(17011509)
653930.13	4187848.38	1351.76859	(17011509)	653950.13	4187848.38	1179.06388	(17011509)
653970.13	4187848.38	973.27154	(17011509)	653990.13	4187848.38	783.76850	(17122619)
654010.13	4187848.38	731.54236	(17122619)	654030.13	4187848.38	662.10194	(17122619)
654050.13	4187848.38	615.14939	(17020824)	654070.13	4187848.38	582.75589	(17020824)

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        654130.13   4187848.38      461.55894  (17011303)                654150.13
4187848.38      444.09621  (17011303)
        654170.13   4187848.38      422.75971  (17011303)                654190.13
4187848.38      398.91613  (17011303)
        654210.13   4187848.38      373.68285  (17011303)                654230.13
4187848.38      360.18235  (17121319)
        654250.13   4187848.38      348.01527  (17121319)                654270.13
4187848.38      334.51004  (17121319)
        654290.13   4187848.38      320.11267  (17121319)                654310.13
4187848.38      305.19315  (17121319)
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        653710.13   4187868.38     3356.74939  (15011509)                653730.13
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4187868.38     2918.50161  (17020801)
        653790.13   4187868.38     2517.90642  (17011508)                653810.13
4187868.38     2297.81117  (17012908)
        653830.13   4187868.38     2007.09959  (17122320)                653850.13
4187868.38     1866.62615  (17122320)
        653870.13   4187868.38     1765.57244  (17011509)                653890.13
4187868.38     1709.94140  (17011509)
        653910.13   4187868.38     1495.40236  (17011509)                653930.13
4187868.38     1216.08887  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 558
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653950.13	4187868.38	963.97600	(17122619)	653970.13	4187868.38	880.77522	(17122619)
653990.13	4187868.38	782.53395	(17121906)	654010.13	4187868.38	738.46755	(17020824)
654030.13	4187868.38	681.06753	(17020824)	654050.13	4187868.38	615.76913	(17020824)
654070.13	4187868.38	571.47518	(17011303)	654090.13	4187868.38	543.23115	(17011303)
654110.13	4187868.38	510.11459	(17011303)	654130.13	4187868.38	474.37148	(17011303)
654150.13	4187868.38	450.89527	(17121319)	654170.13	4187868.38	432.48841	(17121319)
654190.13	4187868.38	412.23879	(17121319)	654210.13	4187868.38	390.92239	(17121319)
654230.13	4187868.38	369.15364	(17121319)	654250.13	4187868.38	347.39800	(17121319)
654270.13	4187868.38	332.25211	(17010504)	654290.13	4187868.38	318.06583	(17010504)
654310.13	4187868.38	303.74326	(17010504)	654330.13	4187868.38	289.47607	(17010504)
654350.13	4187868.38	278.30247	(17122519)	654370.13	4187868.38	271.13234	(17122519)
654390.13	4187868.38	263.75286	(17122519)	654410.13	4187868.38	256.24843	(17122519)
654430.13	4187868.38	248.68857	(17122519)	654450.13	4187868.38	241.13068	(17122519)
654470.13	4187868.38	233.62238	(17122519)	654490.13	4187868.38	226.20215	(17122519)
653690.13	4187888.38	4127.64677	(17011609)	653830.13	4187888.38	2312.05891	(17121219)
653850.13	4187888.38	2227.13656	(17011509)	653870.13	4187888.38	1971.43840	(17011509)
653890.13	4187888.38	1574.71288	(17011509)	653910.13	4187888.38	1225.28904	(17122619)
653930.13	4187888.38	1085.88706	(17122619)	653950.13	4187888.38	979.36472	(17020824)
653970.13	4187888.38	895.07004	(17020824)	653990.13	4187888.38	796.34281	(17020824)
654010.13	4187888.38	733.43552	(17011303)	654030.13	4187888.38	685.16713	(17011303)
654050.13	4187888.38	631.12512	(17011303)	654070.13	4187888.38	589.16277	(17121319)
654090.13	4187888.38	559.25458	(17121319)	654110.13	4187888.38	526.75070	(17121319)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654150.13	4187908.38	477.09620	(17122519)	654170.13	4187908.38	454.98434	(17122519)
654190.13	4187908.38	433.32267	(17122519)	654210.13	4187908.38	412.31199	(17122519)
654230.13	4187908.38	392.06869	(17122519)	654250.13	4187908.38	372.67984	(17122519)
654270.13	4187908.38	354.18201	(17122519)	654290.13	4187908.38	336.59035	(17122519)
654310.13	4187908.38	319.90233	(17122519)	654330.13	4187908.38	304.09896	(17122519)
654350.13	4187908.38	289.15383	(17122519)	654370.13	4187908.38	278.02231	(17122719)
654390.13	4187908.38	267.49572	(17122719)	654410.13	4187908.38	257.40377	(17122719)
654430.13	4187908.38	247.73756	(17122719)	654450.13	4187908.38	238.48788	(17122719)
654470.13	4187908.38	229.64310	(17122719)	654490.13	4187908.38	221.18929	(17122719)
653690.13	4187928.38	6388.66820	(15012509)	653830.13	4187928.38	2303.56607	(17122619)
653850.13	4187928.38	1945.80873	(17020824)	653870.13	4187928.38	1629.46634	(17020824)
653890.13	4187928.38	1439.38998	(17011303)	653910.13	4187928.38	1262.81153	(17121319)
653930.13	4187928.38	1148.30535	(17121319)	653950.13	4187928.38	1029.84715	(17121319)
653970.13	4187928.38	920.76025	(17010504)	653990.13	4187928.38	839.58821	(17010504)
654010.13	4187928.38	779.00411	(17122519)	654030.13	4187928.38	730.23825	(17122519)
654050.13	4187928.38	683.05707	(17122519)	654070.13	4187928.38	638.14742	(17122519)
654090.13	4187928.38	595.88587	(17122519)	654110.13	4187928.38	556.38501	(17122519)
654130.13	4187928.38	519.66053	(17122519)	654150.13	4187928.38	485.62211	(17122519)
654170.13	4187928.38	454.14870	(17122519)	654190.13	4187928.38	427.18592	(17122719)
654210.13	4187928.38	405.24020	(17122719)	654230.13	4187928.38	384.63801	(17122719)
654250.13	4187928.38	365.31740	(17122719)	654270.13	4187928.38	347.20597	(17122719)

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        654290.13   4187928.38      330.23131  (17122719)                654310.13
4187928.38      314.32109  (17122719)
        654330.13   4187928.38      299.40588  (17122719)                654350.13
4187928.38      285.41744  (17122719)
        654370.13   4187928.38      272.28961  (17122719)                654390.13
4187928.38      259.96356  (17122719)
        654410.13   4187928.38      248.38230  (17122719)                654430.13
4187928.38      238.79000  (17122621)
        654450.13   4187928.38      230.82668  (17122621)                654470.13
4187928.38      223.26383  (17122621)
        654490.13   4187928.38      216.07681  (17122621)                653690.13
4187948.38     8243.91091  (13090907)
        653830.13   4187948.38     2357.39611  (17011303)                653850.13
4187948.38     2021.78358  (17121319)
        653870.13   4187948.38     1705.13001  (17121319)                653890.13
4187948.38     1491.82018  (17122519)
        653910.13   4187948.38     1343.92663  (17122519)                653930.13
4187948.38     1207.87324  (17122519)
        653950.13   4187948.38     1085.71113  (17122519)                653970.13
4187948.38      977.39253  (17122519)
        653990.13   4187948.38      881.89130  (17122519)                654010.13
4187948.38      797.85612  (17122519)
        654030.13   4187948.38      733.87832  (17122719)                654050.13
4187948.38      677.23806  (17122719)
        654070.13   4187948.38      626.36459  (17122719)                654090.13
4187948.38      580.60446  (17122719)
        654110.13   4187948.38      539.37620  (17122719)                654130.13
4187948.38      502.15790  (17122719)
        654150.13   4187948.38      468.48357  (17122719)                654170.13
4187948.38      439.91132  (17122621)
        654190.13   4187948.38      417.02994  (17122621)                654210.13
4187948.38      395.96420  (17122621)
        654230.13   4187948.38      376.52930  (17122621)                654250.13
4187948.38      358.56224  (17122621)
        654270.13   4187948.38      341.92066  (17122621)                654290.13
4187948.38      326.47552  (17122621)
        654310.13   4187948.38      312.11549  (17122621)                654330.13
4187948.38      298.73837  (17122621)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 560
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                   INCLUDING SOURCE(S):     STCK2       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654350.13	4187948.38	286.25858	(17122621)	654370.13	4187948.38	274.59437	(17122621)
654390.13	4187948.38	263.67758	(17122621)	654410.13	4187948.38	253.44383	(17122621)
654430.13	4187948.38	243.83676	(17122621)	654450.13	4187948.38	234.80584	(17122621)
654470.13	4187948.38	226.30620	(17122621)	654490.13	4187948.38	218.29778	(17122621)
653690.13	4187968.38	17283.07606	(13120909)	653830.13	4187968.38	2512.99339	(17122519)
653850.13	4187968.38	2087.61659	(17122719)	653870.13	4187968.38	1766.30297	(17122719)
653890.13	4187968.38	1512.73678	(17122719)	653910.13	4187968.38	1316.43593	(17122621)
653930.13	4187968.38	1170.75297	(17122621)	653950.13	4187968.38	1049.54557	(17122621)
653970.13	4187968.38	947.54777	(17122621)	653990.13	4187968.38	860.83243	(17122621)
654010.13	4187968.38	786.41735	(17122621)	654030.13	4187968.38	722.02757	(17122621)
654050.13	4187968.38	665.89354	(17122621)	654070.13	4187968.38	616.60901	(17122621)
654090.13	4187968.38	573.07087	(17122621)	654110.13	4187968.38	534.39223	(17122621)
654130.13	4187968.38	499.84667	(17122621)	654150.13	4187968.38	468.84392	(17122621)
654170.13	4187968.38	440.89466	(17122621)	654190.13	4187968.38	415.59986	(17122621)
654210.13	4187968.38	392.61828	(17122621)	654230.13	4187968.38	371.66494	(17122621)
654250.13	4187968.38	352.50003	(17122621)	654270.13	4187968.38	334.91430	(17122621)
654290.13	4187968.38	318.73593	(17122621)	654310.13	4187968.38	303.80884	(17122621)
654330.13	4187968.38	290.00426	(17122621)	654350.13	4187968.38	277.20701	(17122621)
654370.13	4187968.38	265.31841	(17122621)	654390.13	4187968.38	254.25107	(17122621)
654410.13	4187968.38	244.61438	(16010203)	654430.13	4187968.38	235.62907	(16010203)

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        654450.13   4187968.38      227.19221  (16010203)                654470.13
4187968.38      219.25726  (16010203)
        654490.13   4187968.38      211.78573  (16010203)                653690.13
4187988.38    15696.78944  (16012009)
        653830.13   4187988.38     2664.14163  (14022208)                653850.13
4187988.38     2225.02557  (14022208)
        653870.13   4187988.38     1892.51536  (14022208)                653890.13
4187988.38     1634.38455  (14022208)
        653910.13   4187988.38     1429.66243  (14022208)                653930.13
4187988.38     1264.19314  (14022208)
        653950.13   4187988.38     1128.28502  (14022208)                653970.13
4187988.38     1015.05438  (14022208)
        653990.13   4187988.38      919.55562  (14022208)                654010.13
4187988.38      838.14770  (14022208)
        654030.13   4187988.38      768.09298  (14022208)                654050.13
4187988.38      707.28679  (14022208)
        654070.13   4187988.38      654.10013  (14022208)                654090.13
4187988.38      607.26391  (14022208)
        654110.13   4187988.38      565.76384  (14022208)                654130.13
4187988.38      528.78857  (14022208)
        654150.13   4187988.38      495.67170  (14022208)                654170.13
4187988.38      465.87128  (14022208)
        654190.13   4187988.38      438.93959  (14022208)                654210.13
4187988.38      414.50157  (14022208)
        654230.13   4187988.38      392.24989  (14022208)                654250.13
4187988.38      371.92030  (14022208)
        654270.13   4187988.38      353.28674  (14022208)                654290.13
4187988.38      336.15838  (14022208)
        654310.13   4187988.38      320.37282  (14022208)                654330.13
4187988.38      305.95679  (16010203)
        654350.13   4187988.38      293.02176  (16010203)                654370.13
4187988.38      280.99285  (16010203)
        654390.13   4187988.38      269.78394  (16010203)                654410.13
4187988.38      259.31715  (16010203)
        654430.13   4187988.38      249.52340  (16010203)                654450.13
4187988.38      240.34448  (16010203)
        654470.13   4187988.38      231.72678  (16010203)                654490.13
4187988.38      223.62483  (16010203)
        653655.14   4187974.84     6855.70861  (15021107)                653791.22
4188024.71     3477.25992  (14022307)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 561
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
```

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653827.99	4188054.29	2172.00010	(14012706)	653851.66	4188036.97	1936.46217	(14010220)
653905.33	4188036.12	1365.58118	(15122617)	653749.81	4188104.17	2629.07755	(17022508)
653938.30	4188029.78	1130.97746	(14010519)	653988.59	4188027.67	877.36101	(15122424)
654041.42	4188038.23	692.63198	(15122424)	653989.86	4188051.76	867.66954	(15122617)
653634.01	4187869.18	2781.08086	(17121508)	653624.71	4187963.01	4845.05546	(17121207)
653582.87	4187962.16	3253.90886	(17022506)	653701.20	4188100.78	3058.11894	(17122408)
654582.91	4187495.31	210.89495	(17011509)	654554.33	4187451.49	225.02874	(17011509)
654607.68	4187449.58	213.50354	(17011509)	654492.60	4186914.23	132.03364	(17120120)
654507.05	4186910.79	128.02390	(17011508)	654509.12	4186964.47	137.27808	(17011508)
653809.30	4186919.71	217.31429	(15041307)	654342.28	4186818.67	143.47586	(17020801)
655092.49	4187197.56	113.48266	(17011509)	654238.71	4186303.37	94.51279	(17122319)
655153.11	4188271.10	94.95040	(16120418)	653689.06	4188008.65	9602.45346	(14112809)
653683.67	4188032.40	6460.46547	(15022408)	653706.08	4188038.27	6374.03757	(17010609)
653679.42	4188056.68	4391.97000	(15021408)	653658.84	4188047.21	4420.38514	(17122724)
653702.97	4188063.08	4598.70263	(17122408)	653675.63	4188081.17	3255.97034	(17012717)
653653.68	4188071.07	3507.48995	(17022607)	653699.87	4188087.89	3479.92743	(17122408)
653668.64	4188130.42	2094.47929	(17012717)	653645.12	4188119.60	2241.20921	(17120219)
653621.60	4188108.77	2027.70113	(17122724)	653693.66	4188137.50	2094.12670	(17122408)
653663.21	4188180.40	1459.66338	(17122622)	653641.26	4188170.29	1389.67445	(17120705)

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        653619.30   4188160.19     1557.78483  (17120619)                653597.35
4188150.08     1412.85960  (17122724)
        653575.40   4188139.97     1397.39845  (17020506)                653687.45
4188187.11     1437.66035  (17120618)
        653656.54   4188229.80     1084.74459  (17122622)                653633.67
4188219.27     1033.85176  (17012717)
        653610.81   4188208.75     1170.32734  (17120219)                653587.94
4188198.22     1159.45088  (17022607)
        653565.07   4188187.69     1034.71791  (17122724)                653542.20
4188177.17     1050.48347  (17020506)
        653681.24   4188236.72     1095.12474  (17120618)                653650.00
4188279.26      843.52785  (17122622)
        653626.48   4188268.43      848.08163  (17012717)                653602.96
4188257.61      847.42934  (17120219)
        653579.44   4188246.78      921.93070  (17120619)                653555.92
4188235.95      849.88151  (17022607)
        653532.40   4188225.12      786.73635  (16020808)                653508.88
4188214.30      826.67220  (17020506)
        653675.02   4188286.34      869.72754  (17120618)                653643.55
4188328.76      676.30131  (17122622)
        653619.54   4188317.71      704.83268  (17012717)                653595.53
4188306.66      666.14375  (17120705)
        653571.52   4188295.60      759.69506  (17120219)                653547.50
4188284.55      749.15105  (17022607)
        653523.49   4188273.50      677.14511  (17122724)                653499.48
4188262.44      637.74682  (16120505)
        653475.47   4188251.39      671.80455  (17020506)                653668.81
4188335.95      710.72266  (17120618)
        653631.37   4188428.10      487.97178  (17020802)                653607.85
4188417.27      508.13495  (17012717)
        653584.33   4188406.45      469.12903  (17012717)                653560.81
4188395.62      477.71214  (17120705)
        653537.29   4188384.79      537.18840  (17120219)                653513.77
4188373.96      521.54618  (17120619)
        653490.25   4188363.13      506.59066  (17022607)                653466.73
4188352.31      479.40174  (17122724)
        653443.21   4188341.48      451.77363  (16120505)                653419.68
4188330.65      474.37933  (17020506)
        653656.39   4188435.17      508.38598  (17120618)                653618.64
4188527.18      374.25692  (17020802)
        653594.49   4188516.07      383.58561  (17012717)                653570.34
4188504.95      375.28176  (17012717)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 562
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653546.19	4188493.83	351.70569	(15021408)	653522.04	4188482.72	362.38470	(17020407)
653497.90	4188471.60	411.02807	(17120219)	653473.75	4188460.48	397.44317	(17120619)
653449.60	4188449.37	394.86542	(17022607)	653425.45	4188438.25	363.89983	(17122724)
653401.30	4188427.13	347.99149	(17122724)	653377.16	4188416.02	343.11400	(15022501)
653353.01	4188404.90	362.57881	(17020506)	653643.97	4188534.40	388.21058	(17120618)
653606.40	4188626.49	300.55809	(17020802)	653582.61	4188615.54	301.36745	(17122622)
653558.83	4188604.60	307.23284	(17012717)	653535.05	4188593.65	284.09125	(17020403)
653511.27	4188582.70	278.37994	(17120705)	653487.49	4188571.75	289.49290	(17120219)
653463.70	4188560.80	326.51443	(17120219)	653439.92	4188549.86	323.30691	(17120619)
653416.14	4188538.91	322.66212	(17022607)	653392.36	4188527.96	293.77429	(17022607)
653368.58	4188517.01	291.30536	(17122724)	653344.79	4188506.06	276.56002	(16020808)
653321.01	4188495.12	273.32187	(15022501)	653297.23	4188484.17	286.47742	(17020506)
653273.45	4188473.22	287.77775	(17122909)	653631.55	4188633.63	309.91236	(17120618)
653593.76	4188725.62	248.56943	(17020802)	653569.55	4188714.47	245.91193	(17122622)
653545.33	4188703.33	254.74283	(17012717)	653521.12	4188692.18	243.25597	(17012717)
653496.91	4188681.03	232.02933	(15021408)	653472.70	4188669.89	236.75218	(17120705)
653448.48	4188658.74	247.29594	(17120219)	653424.27	4188647.60	270.49608	(17120219)
653400.06	4188636.45	266.48490	(17120619)	653375.85	4188625.30	266.11707	(17022607)

653351.63 4188614.16 250.07997 (17022607) 653327.42
4188603.01 238.03613 (17122724)
653303.21 4188591.86 235.03268 (17122724) 653279.00
4188580.72 224.22127 (16120505)
653254.78 4188569.57 225.39472 (16022108) 653230.57
4188558.43 237.57864 (17020506)
653206.36 4188547.28 236.58592 (17122909) 653619.13
4188732.85 255.30432 (17120618)
653581.48 4188824.91 210.36877 (17020802) 653557.56
4188813.90 203.93606 (17122622)
653533.64 4188802.88 213.80534 (17012717) 653509.71
4188791.87 211.75638 (17012717)
653485.79 4188780.86 197.82729 (17020403) 653461.87
4188769.85 194.27381 (15021408)
653437.95 4188758.83 201.03921 (17120705) 653414.02
4188747.82 208.57836 (17120219)
653390.10 4188736.81 227.65063 (17120219) 653366.18
4188725.80 226.61023 (17120619)
653342.25 4188714.78 221.96363 (17022607) 653318.33
4188703.77 220.91961 (17022607)
653294.41 4188692.76 197.97870 (17121506) 653270.49
4188681.74 202.22161 (17122724)
653246.56 4188670.73 195.71404 (17122724) 653222.64
4188659.72 189.03662 (16120505)
653198.72 4188648.71 189.66784 (15022501) 653174.79
4188637.69 198.12855 (17020506)
653150.87 4188626.68 199.99553 (17122909) 653606.70
4188832.08 215.19599 (17120618)
653550.32 4189072.92 148.46441 (17020802) 653526.17
4189061.81 140.32532 (17122901)
653502.02 4189050.69 147.28144 (17122622) 653477.87
4189039.57 150.72132 (17012717)
653453.72 4189028.46 148.12720 (17012717) 653429.58
4189017.34 138.62287 (17020403)
653405.43 4189006.22 137.46763 (15021408) 653381.28
4188995.11 134.28058 (17120705)
653357.13 4188983.99 141.60582 (17120705) 653332.98
4188972.87 142.33900 (17120219)
653308.84 4188961.76 157.18438 (17120219) 653284.69
4188950.64 160.95400 (17120219)
653260.54 4188939.53 158.10907 (17120619) 653236.39
4188928.41 156.23508 (17022607)
653212.24 4188917.29 156.86883 (17022607) 653188.10
4188906.18 145.28141 (17022607)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653163.95	4188895.06	138.26587	(17121506)	653139.80	4188883.94	144.18999	(13011909)
653115.65	4188872.83	153.40080	(13011909)	653091.50	4188861.71	152.59531	(13011909)
653067.36	4188850.59	142.17074	(13011909)	653043.21	4188839.48	134.03090	(17123104)
653019.06	4188828.36	139.29919	(17020506)	652994.91	4188817.24	140.91339	(17020506)
652970.76	4188806.13	138.97845	(17122909)	653575.65	4189080.14	150.83592	(17120618)
653519.38	4189321.04	112.30449	(17020802)	653495.48	4189310.04	106.36729	(17020802)
653471.58	4189299.04	107.94678	(17122622)	653447.68	4189288.04	111.88115	(17122622)
653423.78	4189277.03	113.54289	(17012717)	653399.88	4189266.03	111.54464	(17012717)
653375.98	4189255.03	105.23334	(17012717)	653352.08	4189244.03	104.53015	(17020403)
653328.18	4189233.02	103.09821	(15021408)	653304.28	4189222.02	102.34491	(17120705)
653280.38	4189211.02	106.81972	(17120705)	653256.48	4189200.02	106.69833	(17020407)
653232.58	4189189.02	113.93563	(17120219)	653208.68	4189178.01	120.64959	(17120219)
653184.78	4189167.01	120.83840	(17120219)	653160.88	4189156.01	119.19242	(17120619)
653136.98	4189145.01	116.39116	(17022607)	653113.08	4189134.00	119.38835	(17022607)
653089.18	4189123.00	115.40578	(17022607)	653065.28	4189112.00	105.13353	(17022607)
653041.38	4189101.00	106.87916	(13011909)	653017.48	4189089.99	120.78866	(13011909)
652993.58	4189078.99	129.85184	(13011909)	652969.68	4189067.99	132.85228	(13011909)

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        652945.78   4189056.99      129.43433  (13011909)                652921.88
4189045.99      120.18907  (13011909)
        652897.98   4189034.98      106.44305  (13011909)                652874.08
4189023.98      104.26101  (17123104)
        652850.18   4189012.98      106.46129  (17020506)                652826.28
4189001.98      105.62610  (17122909)
        652802.38   4188990.97      104.13876  (17122909)                653544.59
4189328.20      113.35368  (17120618)
        653488.25   4189569.07       88.91530  (17020802)                653464.19
4189558.00       85.11288  (17020802)
        653440.14   4189546.92       83.98461  (17122901)                653416.08
4189535.85       87.39809  (17122622)
        653392.02   4189524.77       88.52321  (17012717)                653367.96
4189513.70       89.54750  (17012717)
        653343.90   4189502.62       87.73014  (17012717)                653319.85
4189491.55       83.20727  (17012717)
        653295.79   4189480.47       82.95542  (17020403)                653271.73
4189469.40       81.79621  (15021408)
        653247.67   4189458.32       80.27480  (15021408)                653223.62
4189447.25       82.25457  (17120705)
        653199.56   4189436.17       84.56899  (17120705)                653175.50
4189425.10       84.44112  (17020407)
        653151.44   4189414.02       87.86338  (17120219)                653127.38
4189402.95       94.00991  (17120219)
        653103.33   4189391.87       96.21578  (17120219)                653079.27
4189380.80       95.45435  (17120619)
        653055.21   4189369.72       93.30453  (17120619)                653031.15
4189358.65       92.21815  (17022607)
        653007.10   4189347.57       94.53050  (17022607)                652983.04
4189336.50       92.40673  (17022607)
        652958.98   4189325.42       86.14792  (17022607)                652934.92
4189314.35       83.79880  (13011909)
        652910.86   4189303.27       96.73551  (13011909)                652886.81
4189292.20      107.30868  (13011909)
        652862.75   4189281.12      114.37421  (13011909)                652838.69
4189270.05      117.15645  (13011909)
        652814.63   4189258.97      115.47574  (13011909)                652790.58
4189247.90      109.48577  (13011909)
        652766.52   4189236.82       99.93238  (13011909)                652742.46
4189225.75       87.85786  (13011909)
        652718.40   4189214.67       82.55502  (17123104)                652694.35
4189203.60       84.06356  (17020506)
        652670.29   4189192.52       83.62982  (17020506)                652646.23
4189181.45       82.90384  (17122909)
        653513.54   4189576.27       89.36486  (17020802)                653457.14
4189817.11       72.74247  (17020802)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653432.96	4189805.98	70.14748	(17020802)	653408.79	4189794.85	67.78851	(17122901)
653384.62	4189783.72	69.78229	(17122622)	653360.44	4189772.59	72.21506	(17122622)
653336.27	4189761.47	72.62693	(17012717)	653312.09	4189750.34	72.94283	(17012717)
653287.92	4189739.21	71.34457	(17012717)	653263.75	4189728.08	67.93867	(17012717)
653239.57	4189716.95	67.80769	(17020403)	653215.40	4189705.82	67.02242	(17020403)
653191.22	4189694.69	66.44957	(15021408)	653167.05	4189683.57	65.13152	(15122702)
653142.87	4189672.44	67.98592	(17120705)	653118.70	4189661.31	69.18239	(17120705)
653094.53	4189650.18	69.09848	(17020407)	653070.35	4189639.05	70.08245	(17120219)
653046.18	4189627.92	75.43584	(17120219)	653022.00	4189616.80	78.28399	(17120219)
652997.83	4189605.67	78.31755	(17120219)	652973.66	4189594.54	77.88353	(17120619)
652949.48	4189583.41	75.36707	(17120619)	652925.31	4189572.28	75.43811	(17022607)
652901.13	4189561.15	77.27315	(17022607)	652876.96	4189550.02	76.11706	(17022607)
652852.79	4189538.90	72.10696	(17022607)	652828.61	4189527.77	67.47956	(17121506)
652804.44	4189516.64	77.91661	(13011909)	652780.26	4189505.51	88.18359	(13011909)
652756.09	4189494.38	96.60284	(13011909)	652731.91	4189483.25	102.40881	(13011909)
652707.74	4189472.13	105.07679	(13011909)	652683.57	4189461.00	104.38477	(13011909)

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        652659.39   4189449.87      100.42888  (13011909)                652635.22
4189438.74       93.61596  (13011909)
        652611.04   4189427.61       84.58302  (13011909)                652586.87
4189416.48       74.11643  (13011909)
        652562.70   4189405.36       67.55285  (17123104)                652538.52
4189394.23       68.62985  (17020506)
        652514.35   4189383.10       68.57306  (17020506)                652490.17
4189371.97       67.90296  (17122909)
        652466.00   4189360.84       66.50104  (17022406)                653482.48
4189824.33       73.09166  (17020802)
        653395.06   4190313.25       52.14066  (17020802)                653370.96
4190302.15       50.77919  (17020802)
        653346.85   4190291.06       48.24761  (17020802)                653322.74
4190279.96       48.68566  (17122901)
        653298.63   4190268.86       49.82068  (17122622)                653274.53
4190257.76       51.51630  (17122622)
        653250.42   4190246.67       51.84184  (17122622)                653226.31
4190235.57       51.97690  (17012717)
        653202.21   4190224.47       51.82387  (17012717)                653178.10
4190213.37       50.70309  (17012717)
        653153.99   4190202.27       51.47866  (16041907)                653129.89
4190191.18       53.56065  (16041907)
        653105.78   4190180.08       54.05610  (16041907)                653081.67
4190168.98       52.89108  (16041907)
        653057.56   4190157.88       50.15952  (16041907)                653033.46
4190146.79       46.43416  (15021408)
        653009.35   4190135.69       47.04887  (17120705)                652985.24
4190124.59       49.11028  (17120705)
        652961.14   4190113.49       49.61729  (17120705)                652937.03
4190102.40       49.49230  (17020407)
        652912.92   4190091.30       49.15891  (17020407)                652888.82
4190080.20       53.95253  (17121109)
        652864.71   4190069.10       58.23650  (17121109)                652840.60
4190058.01       60.70778  (17121109)
        652816.50   4190046.91       61.11342  (17121109)                652792.39
4190035.81       59.41925  (17121109)
        652768.28   4190024.71       55.81126  (17121109)                652744.17
4190013.62       53.39842  (17120619)
        652720.07   4190002.52       53.46345  (17022607)                652695.96
4189991.42       55.10842  (17022607)
        652671.85   4189980.32       55.24258  (17022607)                652647.75
4189969.23       53.85864  (17022607)
        652623.64   4189958.13       51.07218  (17022607)                652599.53
4189947.03       53.77592  (14112809)
        652575.43   4189935.93       57.86890  (13011909)                652551.32
4189924.84       65.78651  (13011909)
        652527.21   4189913.74       73.05661  (13011909)                652503.11
4189902.64       79.24843  (13011909)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):   STCK2   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652993.38 4190653.06 46.32727 (16041907) 652969.13
4190641.89 46.14354 (16041907)
652944.88 4190630.73 44.88022 (16041907) 652920.63
4190619.57 42.61908 (16041907)
652896.38 4190608.40 39.51221 (16041907) 652872.13
4190597.24 35.75899 (16041907)
652847.88 4190586.08 36.71358 (17120705) 652823.63
4190574.91 37.73285 (17120705)
652799.38 4190563.75 37.81522 (17120705) 652775.13
4190552.59 37.77776 (17020407)
652750.88 4190541.42 39.46650 (17121109) 652726.63
4190530.26 44.15415 (17121109)
652702.38 4190519.10 48.10159 (17121109) 652678.13
4190507.93 51.01774 (17121109)
652653.88 4190496.77 52.67710 (17121109) 652629.63
4190485.61 52.94761 (17121109)
652605.38 4190474.44 51.80581 (17121109) 652581.13
4190463.28 49.34102 (17121109)
652556.88 4190452.12 45.74366 (17121109) 652532.63
4190440.95 41.28019 (17121109)
652508.38 4190429.79 40.84107 (17022607) 652484.13
4190418.63 41.97868 (17022607)
652459.88 4190407.46 42.22961 (17022607) 652435.63
4190396.30 41.57870 (17022607)
652411.38 4190385.14 40.52548 (14112809) 652387.13
4190373.97 44.26772 (14112809)
652362.88 4190362.81 46.76269 (14112809) 652338.63
4190351.64 47.77744 (14112809)
652314.38 4190340.48 53.01138 (13011909) 652290.13
4190329.32 58.87534 (13011909)
652265.88 4190318.15 64.21695 (13011909) 652241.63
4190306.99 68.78663 (13011909)
652217.38 4190295.83 72.36425 (13011909) 652193.13
4190284.66 74.77251 (13011909)
652168.88 4190273.50 75.89044 (13011909) 652144.63
4190262.34 75.66742 (13011909)
652120.38 4190251.17 74.12370 (13011909) 652096.13
4190240.01 71.34946 (13011909)
652071.88 4190228.85 67.49538 (13011909) 652047.63
4190217.68 62.75854 (13011909)
652023.38 4190206.52 57.36950 (13011909) 651999.13
4190195.36 51.56899 (13011909)
651974.88 4190184.19 45.59274 (13011909) 651950.63
4190173.03 39.66060 (13011909)
651926.38 4190161.87 36.94368 (17020506) 651902.13
4190150.70 37.50832 (17020506)
651877.88 4190139.54 37.43639 (17020506) 651853.63
4190128.38 36.77944 (17122909)
651829.38 4190117.21 36.64865 (17122909) 651805.13
4190106.05 36.30386 (17022406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653358.27	4190816.59	39.94540	(17020802)	653270.80	4191305.49	31.66467	(17020802)
653246.61	4191294.35	31.12884	(17020802)	653222.42	4191283.21	30.14572	(17020802)
653198.23	4191272.08	28.75418	(17020802)	653174.04	4191260.94	28.97564	(17122901)
653149.84	4191249.80	29.56714	(17122901)	653125.65	4191238.67	30.12021	(17122622)
653101.46	4191227.53	31.05533	(17122622)	653077.27	4191216.39	31.49119	(17122622)
653053.08	4191205.26	31.40289	(17122622)	653028.89	4191194.12	31.15771	(17012717)
653004.70	4191182.99	31.19594	(17012717)	652980.51	4191171.85	32.79006	(16041907)
652956.31	4191160.71	35.61475	(16041907)	652932.12	4191149.58	37.97281	(16041907)
652907.93	4191138.44	39.74778	(16041907)	652883.74	4191127.30	40.84791	(16041907)
652859.55	4191116.17	41.19807	(16041907)	652835.36	4191105.03	40.77804	(16041907)
652811.17	4191093.89	39.61034	(16041907)	652786.98	4191082.76	37.75224	(16041907)
652762.78	4191071.62	35.29984	(16041907)	652738.59	4191060.49	32.38080	(16041907)
652714.40	4191049.35	29.21150	(16122209)	652690.21	4191038.21	29.51562	(17120705)
652666.02	4191027.08	30.12535	(17120705)	652641.83	4191015.94	30.13923	(17120705)

652617.64 4191004.80 30.04808 (17020407) 652593.44
4190993.67 32.45807 (17121109)
652569.25 4190982.53 36.40311 (17121109) 652545.06
4190971.40 39.97287 (17121109)
652520.87 4190960.26 42.97231 (17121109) 652496.68
4190949.12 45.22509 (17121109)
652472.49 4190937.99 46.59269 (17121109) 652448.30
4190926.85 46.98890 (17121109)
652424.11 4190915.71 46.38715 (17121109) 652399.91
4190904.58 44.82412 (17121109)
652375.72 4190893.44 42.39761 (17121109) 652351.53
4190882.30 39.25383 (17121109)
652327.34 4190871.17 35.57494 (17121109) 652303.15
4190860.03 32.21545 (17022607)
652278.96 4190848.90 33.19116 (17022607) 652254.77
4190837.76 33.61759 (17022607)
652230.58 4190826.62 33.47342 (17022607) 652206.38
4190815.49 32.76645 (17022607)
652182.19 4190804.35 35.83450 (14112809) 652158.00
4190793.21 38.87028 (14112809)
652133.81 4190782.08 41.05779 (14112809) 652109.62
4190770.94 42.23536 (14112809)
652085.43 4190759.80 42.31427 (14112809) 652061.24
4190748.67 47.11964 (13011909)
652037.04 4190737.53 51.73209 (13011909) 652012.85
4190726.40 55.98448 (13011909)
651988.66 4190715.26 59.72477 (13011909) 651964.47
4190704.12 62.80898 (13011909)
651940.28 4190692.99 65.11521 (13011909) 651916.09
4190681.85 66.55300 (13011909)
651891.90 4190670.71 67.06562 (13011909) 651867.71
4190659.58 66.63634 (13011909)
651843.51 4190648.44 65.28800 (13011909) 651819.32
4190637.30 63.08288 (13011909)
651795.13 4190626.17 60.11620 (13011909) 651770.94
4190615.03 56.50864 (13011909)
651746.75 4190603.90 52.35840 (13011909) 651722.56
4190592.76 47.83192 (13011909)
651698.37 4190581.62 43.11495 (13011909) 651674.18
4190570.49 38.35940 (13011909)
651649.98 4190559.35 33.70440 (13011909) 651625.79
4190548.21 29.38958 (17123104)
651601.60 4190537.08 29.59953 (17020506) 651577.41
4190525.94 29.82665 (17020506)
651553.22 4190514.80 29.65239 (17020506) 651529.03
4190503.67 29.08776 (17020506)
651504.84 4190492.53 29.00765 (17122909) 651480.65
4190481.40 28.77505 (17022406)
651456.45 4190470.26 28.82164 (17022406) 653296.16
4191312.71 31.78653 (17020802)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653160.42	4191779.39	24.92719	(17020802)	653136.27	4191768.27	23.97236	(17020802)
653112.12	4191757.16	23.20416	(17122901)	653087.97	4191746.04	23.82412	(17122901)
653063.83	4191734.92	24.22361	(17122901)	653039.68	4191723.81	24.74077	(15102308)
653015.53	4191712.69	25.45642	(15102308)	652991.38	4191701.58	25.83750	(15102308)
652967.23	4191690.46	25.87188	(15102308)	652943.09	4191679.34	25.55970	(17122622)
652918.94	4191668.23	25.47183	(17012717)	652894.79	4191657.11	26.59620	(16041907)
652870.64	4191645.99	29.17306	(16041907)	652846.49	4191634.88	31.52316	(16041907)
652822.35	4191623.76	33.55493	(16041907)	652798.20	4191612.64	35.18327	(16041907)
652774.05	4191601.53	36.33118	(16041907)	652749.90	4191590.41	36.94481	(16041907)
652725.75	4191579.29	36.99956	(16041907)	652701.61	4191568.18	36.49039	(16041907)
652677.46	4191557.06	35.44362	(16041907)	652653.31	4191545.95	33.88586	(16041907)
652629.16	4191534.83	31.90469	(16041907)	652605.01	4191523.71	29.57117	(16041907)
652580.87	4191512.60	26.98094	(16041907)	652556.72	4191501.48	25.76485	(16122209)

652532.57 4191490.36 24.40142 (17120705) 652508.42
4191479.25 24.78821 (17120705)
652484.27 4191468.13 24.77169 (17120705) 652460.13
4191457.01 24.63928 (17020407)
652435.98 4191445.90 27.25196 (17121109) 652411.83
4191434.78 30.57360 (17121109)
652387.68 4191423.67 33.71116 (17121109) 652363.53
4191412.55 36.53156 (17121109)
652339.39 4191401.43 38.90417 (17121109) 652315.24
4191390.32 40.71526 (17121109)
652291.09 4191379.20 41.87313 (17121109) 652266.94
4191368.08 42.31716 (17121109)
652242.79 4191356.97 42.02352 (17121109) 652218.65
4191345.85 41.00750 (17121109)
652194.50 4191334.73 39.32021 (17121109) 652170.35
4191323.62 37.04716 (17121109)
652146.20 4191312.50 34.29851 (17121109) 652122.05
4191301.38 31.20212 (17121109)
652097.91 4191290.27 27.89437 (17121109) 652073.76
4191279.15 27.04210 (17022607)
652049.61 4191268.04 27.50726 (17022607) 652025.46
4191256.92 27.59160 (17022607)
652001.31 4191245.80 27.29185 (17022607) 651977.17
4191234.69 29.16933 (14112809)
651953.02 4191223.57 32.16407 (14112809) 651928.87
4191212.45 34.70080 (14112809)
651904.72 4191201.34 36.63076 (14112809) 651880.57
4191190.22 37.83743 (14112809)
651856.43 4191179.10 38.24585 (14112809) 651832.28
4191167.99 38.46337 (13011909)
651808.13 4191156.87 42.36316 (13011909) 651783.98
4191145.76 46.11333 (13011909)
651759.84 4191134.64 49.60891 (13011909) 651735.69
4191123.52 52.70325 (13011909)
651711.54 4191112.41 55.29828 (13011909) 651687.39
4191101.29 57.35389 (13011909)
651663.24 4191090.17 58.81093 (13011909) 651639.10
4191079.06 59.57411 (13011909)
651614.95 4191067.94 59.61214 (13011909) 651590.80
4191056.82 58.95053 (13011909)
651566.65 4191045.71 57.61652 (13011909) 651542.50
4191034.59 55.74035 (13011909)
651518.36 4191023.47 53.37402 (13011909) 651494.21
4191012.36 50.58197 (13011909)
651470.06 4191001.24 47.39642 (13011909) 651445.91
4190990.13 43.89398 (13011909)
651421.76 4190979.01 40.20123 (13011909) 651397.62
4190967.89 36.40930 (13011909)
651373.47 4190956.78 32.62462 (13011909) 651349.32
4190945.66 28.93498 (13011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651325.17	4190934.54	25.40675	(13011909)	651301.02	4190923.43	24.01869	(17020506)
651276.88	4190912.31	24.36054	(17020506)	651252.73	4190901.19	24.43317	(17020506)
651228.58	4190890.08	24.23721	(17020506)	651204.43	4190878.96	23.78068	(17020506)
651180.28	4190867.85	23.70594	(17122909)	651156.14	4190856.73	23.54045	(17022406)
651131.99	4190845.61	23.67852	(17022406)	653234.05	4191808.84	26.06569	(17020802)
653712.29	4188013.66	8834.12361	(16102908)	653736.84	4188013.66	6972.63065	(14011617)
653761.39	4188013.66	5242.16067	(14010518)	653785.94	4188013.66	3882.79195	(14010220)
653810.49	4188013.66	2992.24898	(15010317)	653736.84	4188038.66	5473.62786	(17021405)
653761.39	4188038.66	4464.91039	(17022407)	653785.94	4188038.66	3562.60680	(17121119)
653810.49	4188038.66	2701.17273	(17120617)	653736.84	4188063.66	3959.16487	(17120204)
653761.39	4188063.66	3630.02707	(17012601)	653785.94	4188063.66	2965.68968	(17022407)
653810.49	4188063.66	2516.35398	(17123020)	653736.84	4188088.66	3091.14818	(17022508)
653761.39	4188088.66	2902.56793	(17021405)	653785.94	4188088.66	2588.26849	(17012601)
653810.49	4188088.66	2139.02232	(17120205)	653736.84	4188138.66	2079.49108	(17120207)

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        653761.39   4188138.66     1960.28618  (17022508)              653785.94
4188138.66     1782.52031  (17121904)
        653810.49   4188138.66     1635.71833  (17022706)              653712.29
4188188.66     1501.61909  (17012720)
        653736.84   4188188.66     1430.57738  (17120207)              653761.39
4188188.66     1379.17009  (17121401)
        653785.94   4188188.66     1349.00829  (17022508)              653810.49
4188188.66     1253.91487  (17121904)
        653712.29   4188238.66     1138.39704  (17012720)              653736.84
4188238.66     1006.82061  (17012905)
        653761.39   4188238.66     1085.63878  (17120207)              653785.94
4188238.66     1016.03260  (17022508)
        653810.49   4188238.66      990.28943  (17022508)              653712.29
4188288.66      900.64345  (17012720)
        653736.84   4188288.66      773.48032  (17021222)              653761.39
4188288.66      870.62859  (17120207)
        653785.94   4188288.66      819.23508  (17121401)              653810.49
4188288.66      820.03313  (17022508)
        653712.29   4188338.66      733.44759  (17012720)              653736.84
4188338.66      646.58349  (17021222)
        653761.39   4188338.66      675.26084  (17120207)              653785.94
4188338.66      692.14974  (17120207)
        653810.49   4188338.66      655.82718  (17121401)              653693.66
4188437.50      527.81628  (17122408)
        653736.84   4188438.66      489.88467  (17012720)              653761.39
4188438.66      441.83726  (16010408)
        653785.94   4188438.66      498.99372  (17120207)              653810.49
4188438.66      491.61360  (17120207)
        653689.52   4188537.24      399.72107  (17122408)              653666.74
4188535.82      365.31637  (17121308)
        653712.29   4188538.66      399.47904  (17122408)              653736.84
4188538.66      386.88095  (17012720)
        653761.39   4188538.66      345.10902  (17021222)              653785.94
4188538.66      353.59763  (17012905)
        653810.49   4188538.66      386.51794  (17120207)              653692.10
4188637.40      322.61288  (17122408)
        653736.84   4188638.66      314.61672  (17012720)              653761.39
4188638.66      282.13638  (17021222)
        653785.94   4188638.66      267.86667  (16010408)              653810.49
4188638.66      290.19539  (17012905)
        653689.00   4188737.21      264.88424  (17122408)              653665.71
4188735.76      241.00956  (17121308)
        653642.42   4188734.30      247.23378  (17120618)              653712.29
4188738.66      264.98162  (17122408)
        653736.84   4188738.66      261.95976  (17012720)              653761.39
4188738.66      239.43788  (17012720)
        653785.94   4188738.66      223.06835  (17021222)              653810.49
4188738.66      223.45816  (17012905)
        653691.17   4188837.34      224.88164  (17122408)              653648.94
4188834.71      202.62908  (17121308)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653643.97	4189084.40	143.11079	(17121308)	653621.20	4189082.98	142.58824	(17120618)
653598.42	4189081.56	150.60937	(17120618)	653712.29	4189088.66	158.10462	(17122408)
653736.84	4189088.66	156.61897	(17012720)	653761.39	4189088.66	152.97803	(17012720)
653785.94	4189088.66	140.83531	(17012720)	653810.49	4189088.66	136.26162	(17021222)
653688.33	4189337.17	119.51617	(17122408)	653664.38	4189335.67	113.87726	(17122408)
653640.42	4189334.18	107.47960	(17121308)	653616.46	4189332.69	107.03884	(17121308)
653592.51	4189331.19	109.96880	(17120618)	653568.55	4189329.70	114.14310	(17120618)
653712.29	4189338.66	119.55018	(17122408)	653736.84	4189338.66	117.58762	(17012720)
653761.39	4189338.66	117.36582	(17012720)	653785.94	4189338.66	112.04169	(17012720)
653810.49	4189338.66	103.64009	(17021222)	653690.21	4189587.28	96.16401	(14012009)
653646.04	4189584.53	94.72534	(14012009)	653601.87	4189581.78	84.69107	(17121308)

653557.71 4189579.02 88.95525 (17120618) 653736.84
4189588.66 92.28890 (17012720)
653761.39 4189588.66 93.30712 (17012720) 653785.94
4189588.66 91.07725 (17012720)
653810.49 4189588.66 85.83804 (17012720) 653689.31
4189837.23 86.27989 (14012009)
653666.33 4189835.79 87.28349 (14012009) 653643.35
4189834.36 85.77936 (14012009)
653620.37 4189832.93 81.91116 (14012009) 653597.39
4189831.50 75.97055 (14012009)
653574.41 4189830.06 68.44498 (14012009) 653551.43
4189828.63 70.57289 (17120618)
653528.45 4189827.20 73.17374 (17120618) 653505.47
4189825.76 73.90960 (17120618)
653712.29 4189838.66 82.85149 (14012009) 653736.84
4189838.66 76.90051 (14012009)
653761.39 4189838.66 76.25382 (17012720) 653785.94
4189838.66 75.52967 (17012720)
653810.49 4189838.66 72.69677 (17012720) 653687.96
4190337.14 72.07732 (14012009)
653663.64 4190335.63 73.18565 (14012009) 653639.31
4190334.11 72.60767 (14012009)
653614.99 4190332.59 70.38051 (14012009) 653590.66
4190331.08 66.65182 (14012009)
653566.33 4190329.56 61.66842 (14012009) 653542.01
4190328.04 55.74797 (14012009)
653517.68 4190326.53 49.45635 (17120618) 653493.35
4190325.01 51.61371 (17120618)
653469.03 4190323.49 52.74436 (17120618) 653444.70
4190321.98 52.78070 (17120618)
653712.29 4190338.66 69.36111 (14012009) 653736.84
4190338.66 65.21134 (14012009)
653761.39 4190338.66 59.88497 (14012009) 653785.94
4190338.66 54.57440 (17012720)
653810.49 4190338.66 53.87823 (17012720) 653688.69
4190837.19 62.03307 (14012009)
653665.09 4190835.72 63.17554 (14012009) 653641.49
4190834.25 63.27636 (14012009)
653617.88 4190832.77 62.32840 (14012009) 653594.28
4190831.30 60.37781 (14012009)
653570.68 4190829.83 57.51886 (14012009) 653547.08
4190828.36 53.88691 (14012009)
653523.48 4190826.89 49.64776 (14012009) 653499.88
4190825.42 44.98511 (14012009)
653476.27 4190823.94 40.08529 (14012009) 653452.67
4190822.47 39.03574 (17120618)
653429.07 4190821.00 39.96749 (17120618) 653405.47
4190819.53 40.30894 (17120618)
653381.87 4190818.06 40.04680 (17120618) 653712.29
4190838.66 59.90720 (14012009)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653589.90	4191331.03	54.25148	(14012009)	653565.42	4191329.50	52.23809	(14012009)
653540.94	4191327.98	49.58311	(14012009)	653516.46	4191326.45	46.37651	(14012009)
653491.98	4191324.92	42.76016	(14012009)	653467.51	4191323.40	38.87198	(14012009)
653443.03	4191321.87	34.83952	(14012009)	653418.55	4191320.34	30.77732	(14012009)
653394.07	4191318.82	31.43548	(17120618)	653369.59	4191317.29	31.93866	(17120618)
653345.11	4191315.77	32.03318	(17120618)	653320.64	4191314.24	31.71637	(17120618)
653712.29	4191338.66	52.87843	(14012009)	653736.84	4191338.66	50.41332	(14012009)
653761.39	4191338.66	47.37979	(14012009)	653785.94	4191338.66	43.89656	(14012009)
653810.49	4191338.66	40.09318	(14012009)	653688.38	4191837.17	48.78918	(14012009)
653664.47	4191835.68	49.77519	(14012009)	653640.55	4191834.19	50.20309	(14012009)

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        653616.64   4191832.70       50.07490  (14012009)                653592.73
4191831.21       49.38291  (14012009)
        653568.82   4191829.71       48.15573  (14012009)                653544.90
4191828.22       46.43252  (14012009)
        653520.99   4191826.73       44.26512  (14012009)                653497.08
4191825.24       41.72168  (14012009)
        653473.17   4191823.75       38.88454  (14012009)                653449.26
4191822.26       35.83967  (14012009)
        653425.34   4191820.77       32.65981  (14012009)                653401.43
4191819.28       29.43234  (14012009)
        653377.52   4191817.79       26.23025  (14012009)                653353.61
4191816.30       25.59229  (17120618)
        653329.70   4191814.80       26.05237  (17120618)                653305.78
4191813.31       26.25282  (17120618)
        653281.87   4191811.82       26.18800  (17120618)                653257.96
4191810.33       25.90961  (17020802)
        653712.29   4191838.66       47.29593  (14012009)                653736.84
4191838.66       45.28886  (14012009)
        653761.39   4191838.66       42.86392  (14012009)                653785.94
4191838.66       40.08931  (14012009)
        653810.49   4191838.66       37.06508  (14012009)                653835.43
4187990.43     2536.66305  (14022208)
        653838.58   4187946.01     2175.94844  (17011303)                653841.72
4187901.59     2473.46926  (17011509)
        653852.47   4188008.72     2026.30116  (14010519)                653861.94
4187969.98     1874.76578  (17122719)
        653865.09   4187925.56     1724.84245  (17020824)                653868.23
4187881.14     1987.30170  (17011509)
        653877.41   4188010.49     1675.34113  (15122424)                653844.57
4188050.24     1961.14349  (14022307)
        653886.88   4187971.75     1544.40291  (17122621)                653890.02
4187927.33     1436.08069  (17011303)
        653893.17   4187882.91     1607.69681  (17011509)                653902.34
4188012.25     1419.29643  (15122424)
        653886.55   4188045.30     1493.13506  (15010317)                653861.61
4188068.54     1649.93087  (17120617)
        653911.81   4187973.52     1310.21000  (17122621)                653914.96
4187929.10     1241.84473  (17121319)
        653918.11   4187884.68     1165.59995  (17122619)                653950.64
4188019.09     1068.29403  (15122424)
        653931.69   4188058.75     1131.07816  (15010317)                653892.29
4188106.46     1322.21892  (17121119)
        653851.39   4188122.56     1499.62940  (17022407)                653961.69
4187977.05      976.67134  (16010203)
        653964.84   4187932.63      949.88147  (17010504)                653967.98
4187888.21      905.09467  (17020824)
        654000.97   4188021.68      839.76731  (14021603)                653982.92
4188059.45      878.25126  (15122617)
        653964.87   4188097.22      893.69583  (13020908)                653927.35
4188142.66     1026.78218  (17123020)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653888.39	4188157.99	1110.95921	(17022407)	653849.44	4188173.33	1249.91203	(17012601)
654011.56	4187980.59	789.28105	(16010203)	654014.71	4187936.17	794.41952	(17122519)
654017.86	4187891.75	721.24547	(17011303)	654051.09	4188024.69	683.65310	(14021603)
654033.54	4188061.41	717.04115	(15122617)	654016.00	4188098.14	727.74260	(14010220)
653998.45	4188134.86	731.50884	(17120617)	653961.97	4188179.03	793.22331	(17123020)
653924.10	4188193.94	858.58002	(17022407)	653886.23	4188208.85	957.44845	(17012601)
653848.36	4188223.75	1007.62135	(17021405)	654061.44	4187984.12	657.46356	(14022208)
654064.59	4187939.70	646.04288	(17122519)	654067.73	4187895.28	608.60069	(17121319)
654100.26	4188029.70	572.04160	(14021603)	654081.31	4188069.36	593.89590	(15122617)
654062.36	4188109.01	605.45434	(14010220)	654043.41	4188148.67	610.74096	(14022307)
654024.46	4188188.33	660.57339	(17121119)	653994.54	4188216.21	651.17434	(17022407)
653953.64	4188232.31	703.78494	(17022408)	653912.74	4188248.41	793.33018	(17012601)
653871.84	4188264.51	821.72022	(17021405)	654111.31	4187987.66	561.09967	(14022208)
654114.46	4187943.24	537.54134	(17122719)	654117.61	4187898.82	509.10081	(17010504)

654150.40 4188032.68 485.76695 (14021603) 654131.98
4188071.24 503.59038 (14010519)
654113.55 4188109.80 527.48113 (15010317) 654095.13
4188148.35 523.75556 (13020908)
654076.71 4188186.91 525.96476 (17120617) 654058.28
4188225.47 562.27052 (17123020)
654029.19 4188252.57 572.03114 (17022407) 653989.42
4188268.22 587.40194 (17022408)
653949.66 4188283.88 643.53393 (17012601) 653909.90
4188299.53 643.81648 (17021405)
653870.13 4188315.18 661.14176 (17121904) 654161.19
4187991.19 485.89611 (14022208)
654164.34 4187946.77 449.76163 (17122719) 654167.48
4187902.35 446.01012 (17122519)
654249.89 4188040.30 367.35345 (14021603) 654230.94
4188079.96 381.73625 (14010519)
654211.99 4188119.62 392.96775 (15122617) 654193.04
4188159.28 397.87288 (14010220)
654174.09 4188198.94 400.94294 (14022307) 654155.14
4188238.60 397.43941 (14012706)
654136.19 4188278.25 429.78150 (17123020) 654096.79
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654055.89 4188342.06 442.53466 (17022408) 654014.99
4188358.16 465.51854 (17012601)
653974.09 4188374.26 482.09879 (17022706) 653933.19
4188390.36 500.35315 (17021405)
653892.29 4188406.46 466.58679 (17022508) 653851.39
4188422.56 492.38372 (17022508)
654260.94 4187998.26 377.55636 (14022208) 654264.09
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654267.23 4187909.42 356.39982 (17122519) 654349.97
4188046.67 292.97510 (15020206)
654331.69 4188084.94 297.62154 (15122424) 654313.40
4188123.21 309.34507 (15122617)
654295.11 4188161.48 321.19593 (15010317) 654276.83
4188199.74 319.52024 (14011317)
654258.54 4188238.01 320.14307 (14022307) 654240.26
4188276.28 320.50773 (17120617)
654221.97 4188314.55 345.59150 (17121119) 654203.69
4188352.81 333.87284 (17123020)
654165.67 4188398.85 345.65491 (17022407) 654126.20
4188414.38 345.21457 (17022408)
654086.74 4188429.92 367.93726 (17122321) 654047.28
4188445.45 380.31215 (17012601)
654007.81 4188460.99 380.09887 (17021405) 653968.35
4188476.52 383.05175 (17121904)
653928.88 4188492.06 364.14558 (17022508) 653889.42
4188507.59 393.99166 (17022508)
653849.95 4188523.13 378.21795 (17121401) 654360.69
4188005.33 304.39846 (14022208)

654363.84 4187960.91 274.60255 (17122621) 654366.98
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654449.53 4188054.14 241.48056 (15020206) 654430.87
4188093.20 247.38357 (15122424)
654412.21 4188132.25 251.70552 (14010519) 654393.54
4188171.31 257.45144 (13020204)
654374.88 4188210.37 258.89037 (13121420) 654356.21
4188249.43 263.09769 (14022106)
654337.55 4188288.49 262.71421 (14022307) 654318.89
4188327.54 260.03881 (14012706)
654300.22 4188366.60 285.16279 (17121119) 654281.56
4188405.66 278.11883 (17123020)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654262.90	4188444.72	272.17437	(17022407)	654233.43	4188472.18	273.89967	(17022407)
654193.15	4188488.03	281.16633	(17022408)	654152.87	4188503.89	298.36569	(17122321)
654112.59	4188519.74	311.19587	(17012601)	654072.31	4188535.60	301.09649	(17022706)
654032.03	4188551.45	318.97845	(17021405)	653991.75	4188567.31	299.89481	(17121904)
653951.47	4188583.17	315.20705	(17022508)	653911.19	4188599.02	307.63759	(17022508)
653870.91	4188614.88	303.81934	(17121401)	654460.44	4188012.40	252.19663	(14022208)
654463.59	4187967.98	221.40936	(16010203)	654466.73	4187923.56	223.45911	(17122719)
654549.14	4188061.51	203.66889	(15020206)	654530.19	4188101.17	208.88355	(15122424)

654511.24 4188140.83 213.39195 (14010519) 654492.29
4188180.48 219.55435 (15122617)
654473.34 4188220.14 223.59904 (15010317) 654454.39
4188259.80 220.93222 (14010220)
654435.43 4188299.46 221.92013 (13020908) 654416.48
4188339.12 217.11632 (14122608)
654397.53 4188378.78 220.73800 (14012706) 654378.58
4188418.44 240.74283 (17121119)
654359.63 4188458.10 236.59005 (17123020) 654340.68
4188497.76 222.30999 (17120122)
654301.28 4188545.46 220.64032 (17022407) 654260.38
4188561.56 234.64984 (17022408)
654219.48 4188577.66 248.94440 (17122321) 654178.58
4188593.76 259.26286 (17012601)
654137.68 4188609.86 253.21933 (17022706) 654096.79
4188625.96 265.21408 (17021405)
654055.89 4188642.06 258.77695 (17121904) 654014.99
4188658.16 245.32926 (17122223)
653974.09 4188674.26 269.41128 (17022508) 653933.19
4188690.36 245.08662 (17022508)
653892.29 4188706.46 251.05170 (17121401) 653851.39
4188722.56 263.32168 (17120207)
654560.19 4188019.47 213.43596 (14022208) 654563.34
4187975.05 192.19690 (16010203)
654566.48 4187930.63 192.03240 (17122621) 654648.78
4188068.81 174.90471 (15020206)
654629.60 4188108.94 178.73767 (15122424) 654610.42
4188149.08 181.39515 (14010519)
654591.25 4188189.21 184.91668 (15122617) 654572.07
4188229.34 188.43559 (13020204)
654552.89 4188269.47 187.40218 (13121420) 654533.72
4188309.60 190.64869 (14011317)
654514.54 4188349.73 189.89350 (14022307) 654495.37
4188389.86 190.08585 (17120617)
654476.19 4188429.99 189.89328 (14012706) 654457.01
4188470.12 206.89757 (17121119)
654437.84 4188510.25 204.58618 (17123020) 654418.66
4188550.39 185.91017 (17120122)
654399.49 4188590.52 203.17005 (17022407) 654369.20
4188618.73 190.40806 (17120205)
654327.82 4188635.02 199.79771 (17022408) 654286.43
4188651.31 212.27231 (17122321)
654245.05 4188667.60 219.15690 (17012601) 654203.66
4188683.89 213.35027 (17022706)
654162.27 4188700.18 215.38402 (17021405) 654120.89
4188716.48 223.19991 (17021405)
654079.50 4188732.77 215.00176 (17121904) 654038.11
4188749.06 208.97370 (17022508)
653996.73 4188765.35 229.70823 (17022508) 653955.34
4188781.64 211.00388 (17121401)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654729.33	4188439.79	137.44130	(16120603)	654710.55	4188479.09	135.82148	(14122608)
654691.77	4188518.39	139.15904	(17120617)	654672.99	4188557.69	136.85418	(14012706)
654654.21	4188596.99	150.35849	(17121119)	654635.43	4188636.29	150.16289	(17123020)
654616.65	4188675.60	134.80507	(17123020)	654597.87	4188714.90	140.22468	(17120122)
654579.09	4188754.20	147.20597	(17022407)	654540.05	4188801.48	137.05470	(17120205)
654499.51	4188817.43	142.49920	(17022408)	654458.98	4188833.39	152.28736	(17122321)
654418.45	4188849.34	147.68798	(17012601)	654377.92	4188865.30	157.24182	(17012601)

654337.39 4188881.25 153.05678 (17022706) 654296.86
4188897.21 150.21369 (17011608)
654256.33 4188913.16 162.33297 (17021405) 654215.80
4188929.11 156.23008 (17121904)
654175.27 4188945.07 147.39638 (17121904) 654134.74
4188961.02 146.11560 (17122223)
654094.21 4188976.98 163.02541 (17022508) 654053.68
4188992.93 156.29023 (17022508)
654013.14 4189008.89 153.88795 (17121401) 653972.61
4189024.84 151.94572 (17123005)
653932.08 4189040.80 160.89435 (17120207) 653891.55
4189056.75 149.11973 (17012905)
653851.02 4189072.71 133.58648 (16010408) 654909.31
4188044.21 133.52782 (14022208)
654912.46 4187999.79 124.12324 (16010203) 654915.61
4187955.37 114.87763 (17122621)
655147.64 4188103.92 97.45774 (15020206) 655128.69
4188143.58 98.62648 (14021603)
655109.74 4188183.24 100.32762 (15122424) 655090.79
4188222.90 98.75163 (14010519)
655071.84 4188262.56 102.22532 (14010519) 655052.88
4188302.22 104.04648 (15122617)
655033.93 4188341.88 103.66451 (15121621) 655014.98
4188381.54 107.40492 (15010317)
654996.03 4188421.19 104.89555 (13121420) 654977.08
4188460.85 106.09382 (14011317)
654958.13 4188500.51 106.44191 (14022106) 654939.18
4188540.17 105.87372 (14022307)
654920.23 4188579.83 104.75636 (14122608) 654901.28
4188619.49 107.57227 (17120617)
654882.33 4188659.15 106.17900 (14012706) 654863.38
4188698.81 117.21696 (13103008)
654844.43 4188738.47 115.23670 (17121119) 654825.48
4188778.12 115.48630 (17123020)
654806.53 4188817.78 103.33956 (17123020) 654787.58
4188857.44 106.06115 (17120122)
654768.63 4188897.10 113.78679 (17022407) 654749.68
4188936.76 108.63437 (13121109)
654710.28 4188984.47 103.38404 (17120205) 654669.38
4189000.57 108.30654 (17022408)
654628.48 4189016.67 115.98088 (17122321) 654587.58
4189032.77 108.92862 (17122321)
654546.68 4189048.87 119.11893 (17012601) 654505.78
4189064.97 116.11913 (17012601)
654464.88 4189081.07 116.91284 (17022706) 654423.98
4189097.17 114.80621 (17011608)
654383.08 4189113.27 123.51429 (17021405) 654342.18
4189129.37 116.49886 (17021405)
654301.28 4189145.46 118.72545 (17121904) 654260.38
4189161.56 112.67126 (17122223)

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        654219.48   4189177.66      112.61296  (17022508)               654178.58
4189193.76      123.97882  (17022508)
        654137.68   4189209.86      120.33268  (17022508)               654096.79
4189225.96      113.07394  (17121401)
        654055.89   4189242.06      118.21726  (17121401)               654014.99
4189258.16      116.35069  (17123005)
        653974.09   4189274.26      122.66921  (17120207)               653933.19
4189290.36      113.28764  (17012905)
        653892.29   4189306.46      101.83986  (16010408)               653851.39
4189322.56      100.54407  (16021023)
        655158.69   4188061.88      102.83225  (14022208)               655161.83
4188017.46       97.33575  (14022208)
        655164.98   4187973.04       91.84518  (16010203)               655396.95
4188121.72       78.02305  (14022208)
        655377.88   4188161.63       77.94381  (14021603)               655358.81
4188201.54       79.87471  (14021603)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 574
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        655339.74   4188241.45       79.30615  (15122424)               655320.67
4188281.35       81.34809  (14010519)
        655301.60   4188321.26       81.59696  (17122919)               655282.53
4188361.17       83.86590  (15122617)
        655263.46   4188401.08       83.15320  (15122617)               655244.39
4188440.99       85.65891  (15010317)
        655225.32   4188480.90       84.18547  (15010317)               655206.25
4188520.80       84.98122  (14010220)
        655187.19   4188560.71       85.35436  (14011317)               655168.12
4188600.62       85.44488  (13020908)
        655149.05   4188640.53       85.33858  (14022307)               655129.98
4188680.44       84.06752  (14122608)
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655110.91 4188720.35 86.05465 (17120617) 655091.84
4188760.25 84.17578 (14012706)
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4188840.07 104.50881 (13103008)
655034.63 4188879.98 93.57289 (13103008) 655015.56
4188919.89 92.21557 (17123020)
654996.49 4188959.80 82.50010 (17123020) 654977.42
4188999.70 89.52093 (13121109)
654958.35 4189039.61 99.23232 (13121109) 654939.28
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654920.21 4189119.43 91.89951 (13121109) 654880.56
4189167.44 83.59076 (17022408)
654839.40 4189183.64 86.01769 (17122321) 654798.25
4189199.84 92.20135 (17122321)
654757.09 4189216.04 88.61174 (17122321) 654715.93
4189232.24 91.97805 (17012601)
654674.78 4189248.44 95.31100 (17012601) 654633.62
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654592.46 4189280.84 92.68477 (17022706) 654551.31
4189297.04 91.59855 (17011608)
654510.15 4189313.25 98.01274 (17021405) 654468.99
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654345.53 4189378.05 89.78343 (17122223) 654304.37
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4189459.05 93.75199 (17121401)
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4189491.45 94.04094 (17120207)
654016.27 4189507.66 97.32835 (17120207) 653975.12
4189523.86 89.99672 (17012905)
653933.96 4189540.06 80.76199 (16010408) 653892.80
4189556.26 80.02284 (13121321)
653851.65 4189572.46 82.91976 (17021222) 655408.06
4188079.56 82.34640 (14022208)
655411.21 4188035.14 79.60100 (14022208) 655414.36
4187990.72 75.75315 (16010203)
655646.28 4188139.49 64.40557 (14022208) 655627.13
4188179.58 64.09268 (15020206)
655607.97 4188219.67 66.12223 (14021603) 655588.81
4188259.76 66.43378 (15122424)
655569.65 4188299.86 64.98311 (14021120) 655550.49
4188339.95 67.93351 (16120418)
655531.34 4188380.04 67.45323 (17122919) 655512.18
4188420.13 69.51626 (15122617)
655493.02 4188460.22 68.79951 (15122617) 655473.86
4188500.32 70.13771 (15010317)

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4188580.50 69.74819 (15010318)
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4188660.69 70.67241 (14022106)
655378.08 4188700.78 70.58246 (13020908) 655358.92
4188740.87 70.73749 (14022307)
655339.76 4188780.96 69.49552 (14122608) 655320.60
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655301.44 4188861.15 70.26703 (17120617) 655282.29
4188901.24 85.26968 (13103008)
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655224.81 4189021.52 79.83642 (13103008) 655205.66
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655186.50 4189101.70 67.85989 (17123020) 655167.34
4189141.79 78.19890 (13121109)
655148.18 4189181.89 88.02673 (13121109) 655129.03
4189221.98 91.39390 (13121109)
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 575
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

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4189529.42 79.29997 (17021405)
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4189561.98 77.29224 (17121904)
654472.03 4189578.25 72.68085 (17122223) 654430.68
4189594.53 73.14129 (17122223)
654389.34 4189610.80 75.40967 (17120204) 654347.99
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654306.65 4189643.35 79.56969 (17022508) 654265.30
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4189789.83 65.66557 (13121321)
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655663.73 4188008.39 63.28564 (16010203) 656145.10
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4188334.01 48.19021 (15122424)
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4189449.21 67.10195 (13121109)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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654981.10	4189877.86	53.89134	(17022706)	654940.03	4189894.03	53.82040	(17011608)
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654734.66 4189974.87 56.13008 (17121904) 654693.58
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4189091.95 39.27698 (16120603)

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655858.54 4189853.48 67.21933 (13121109) 655839.39
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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655649.87	4190114.61	54.85576	(13121809)	655608.54	4190130.88	51.28388	(13121809)

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654409.84 4190602.73 41.57964 (17121401) 654368.50
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654327.17 4190635.27 42.04303 (17120207) 654285.84
4190651.54 44.28545 (17120207)
654244.50 4190667.82 43.81198 (17120207) 654203.17
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653996.49 4190765.44 43.42624 (14012409) 653955.16
4190781.71 45.33432 (14012409)
653913.83 4190797.98 44.35688 (14012409) 653872.49
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4188245.43 28.58376 (14022208)
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4188405.01 29.56295 (14021603)

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656742.22 4189083.26 31.59294 (14010220) 656723.16
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656704.10 4189163.06 31.37851 (14022106) 656685.03
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↟ *** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- - - -

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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        653851.63   4191322.46       33.41640  (14012009)                657153.68
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657156.83 4188158.85 30.30878 (14022208) 657159.98
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657526.39 4188521.31 24.51774 (15122424) 657507.24
4188561.39 24.25448 (15122424)
657488.09 4188601.46 23.94310 (14021120) 657468.94
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657373.19 4188841.91 38.13381 (13121709) 657354.04
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657258.29 4189082.37 26.30900 (15010317) 657239.14
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657181.69 4189242.67 26.05146 (14010220) 657162.55
4189282.74 25.76122 (14010220)
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4189362.89 26.16198 (14022106)
657105.10 4189402.97 25.83832 (13020908) 657085.95
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4189523.19 26.16841 (14022307)
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656990.20 4189643.42 25.74151 (14022207) 656971.05
4189683.49 26.11361 (17120617)
656951.90 4189723.57 26.40611 (13103008) 656932.75
4189763.65 33.91052 (13103008)
656913.60 4189803.72 41.40504 (13103008) 656894.45
4189843.80 48.11671 (13103008)
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656837.00 4189964.02 56.21441 (13103008) 656817.85
4190004.10 53.71296 (13103008)
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4190084.25 42.45262 (13103008)
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4190645.30 42.78061 (13121109)
656492.31 4190685.38 37.59292 (13121109) 656473.16
4190725.45 33.41806 (13121809)
656454.01 4190765.53 37.98701 (13121809) 656414.20
4190813.74 42.80030 (13121809)
656372.87 4190830.01 44.29777 (13121809) 656331.54
4190846.27 44.07584 (13121809)
656290.21 4190862.54 42.13181 (13121809) 656248.88
4190878.81 38.66798 (13121809)
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656124.90 4190927.62 25.70476 (17012601) 656083.57
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656042.24 4190960.15 28.32258 (17012601) 656000.91
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655959.58 4190992.69 27.18425 (17012601) 655918.25
4191008.96 26.40422 (17022604)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

655876.93 4191025.23 27.08623 (17022706) 655835.60
4191041.50 27.50036 (17022706)
655794.27 4191057.77 27.06733 (17022706) 655752.94
4191074.03 26.76515 (17022324)
655711.61 4191090.30 26.99848 (17011608) 655670.28
4191106.57 28.07382 (17011608)
655628.95 4191122.84 28.80858 (17021405) 655587.62
4191139.11 29.20402 (17021405)
655546.30 4191155.38 28.57073 (17021405) 655504.97
4191171.65 26.96584 (17021405)
655463.64 4191187.91 27.71197 (17121904) 655422.31
4191204.18 28.60468 (17121904)
655380.98 4191220.45 28.23457 (17121904) 655339.65
4191236.72 26.64079 (17121904)
655298.32 4191252.99 25.54611 (17122223) 655257.00
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655133.01 4191318.06 26.24706 (17120204) 655091.68
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4191399.41 27.50576 (17022508)
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654802.38 4191448.21 25.90374 (17031102) 654761.05
4191464.48 27.10269 (17121401)
654719.72 4191480.75 27.81529 (17121401) 654678.39
4191497.02 27.61999 (17121401)
654637.06 4191513.29 26.96334 (17123005) 654595.74
4191529.56 27.81976 (17123005)
654554.41 4191545.82 27.40922 (17123005) 654513.08
4191562.09 28.52930 (17120207)
654471.75 4191578.36 29.21114 (17120207) 654430.42
4191594.63 28.70130 (17120207)
654389.09 4191610.90 27.07090 (17120207) 654347.76
4191627.17 26.23323 (17012905)
654306.43 4191643.44 24.65071 (17012905) 654265.11
4191659.71 23.70931 (16120522)
654223.78 4191675.97 24.03783 (16010408) 654182.45
4191692.24 27.41244 (14012409)
654141.12 4191708.51 31.37092 (14012409) 654099.79
4191724.78 34.34636 (14012409)
654058.46 4191741.05 36.01461 (14012409) 654017.13
4191757.32 36.17890 (14012409)
653975.80 4191773.59 34.83613 (14012409) 653934.48
4191789.85 32.16924 (14012409)
653893.15 4191806.12 28.51153 (14012409) 653851.82
4191822.39 31.67909 (14012009)

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        657652.43   4188238.61       24.48788  (14022208)                657655.58
4188194.19       24.92796  (14022208)
        657658.73   4188149.77       24.61559  (14022208)                653819.03
4187852.62     2049.47400  (17012908)
        653794.25   4187851.96     2296.31484  (17120120)                653769.47
4187851.29     2531.18993  (17012903)
        653744.69   4187850.63     2726.60068  (17122319)                653719.92
4187849.97     2941.74563  (17122917)
        653695.14   4187849.31     3033.33784  (17123009)                653837.55
4187835.82     1729.27823  (17012908)
        653794.92   4187826.97     2005.80567  (17020801)                653770.14
4187826.30     2173.32520  (17122920)
        653745.36   4187825.64     2284.36509  (17122701)                653720.58
4187824.98     2364.31136  (17122917)
        653695.81   4187824.32     2543.48964  (17123009)                653838.21
4187810.83     1490.14345  (17011508)
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4187801.97     1674.83639  (17012903)
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        653721.25   4187799.99     1934.68157  (17122917)                653696.47
4187799.33     2158.11318  (17123009)
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4187802.23     1274.85837  (17012908)
        653898.85   4187828.99     1302.53096  (17122320)                653796.25
4187776.98     1486.80307  (17122920)
        653771.47   4187776.32     1558.03226  (17122319)                653746.70
4187775.66     1605.98823  (17013024)
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4187774.34     1859.11537  (17123009)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 581
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        653890.63   4187607.22      684.49970  (17012903)                653912.05
4187617.06      702.51962  (17020801)
        653933.47   4187626.89      632.00667  (17120120)                653954.89
4187636.72      639.89399  (17120120)
        653976.31   4187646.56      600.40178  (17011508)                653997.73
4187656.39      621.96856  (17012908)
        654019.15   4187666.23      554.18838  (17120121)                654048.28
4187698.34      609.30809  (17122320)
        654055.98   4187720.61      623.07957  (17121219)                654063.68
4187742.89      664.47201  (17011509)
        654071.39   4187765.16      720.39181  (17011509)                654079.09
4187787.44      634.14363  (17011509)
        654086.80   4187809.72      539.15289  (17122619)                654094.50
4187831.99      523.86633  (17020824)
        654102.20   4187854.27      500.71053  (17020824)                654109.91
4187876.54      507.45476  (17121319)
        653826.37   4187577.72      685.14184  (17012520)                653801.59
4187577.06      706.15130  (17013024)
        653776.82   4187576.39      719.73045  (17122917)                653752.04
4187575.73      716.58134  (17122917)
        653727.26   4187575.07      697.64752  (17011719)                653702.48
4187574.41      805.92583  (17123009)
        653848.53   4187537.30      600.58070  (17122319)                653869.36
4187546.86      612.95947  (17122518)
        653890.18   4187556.42      614.68451  (17122920)                653911.01
4187565.98      596.43449  (17012903)
        653931.83   4187575.54      610.86910  (17020801)                653952.66
4187585.10      566.59645  (17020801)
        653973.48   4187594.66      570.79757  (17120120)                653994.31
4187604.23      538.96858  (17011508)
        654015.13   4187613.79      530.22979  (17012908)                654035.96
4187623.35      532.01128  (17012908)
♠ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 582
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654056.78	4187632.91	472.80935	(17120121)	654085.10	4187664.13	525.68591	(17122320)
654092.59	4187685.79	530.27313	(17121219)	654100.08	4187707.44	541.88508	(17121320)
654107.57	4187729.10	617.75242	(17011509)	654115.06	4187750.76	611.66598	(17011509)
654122.55	4187772.41	509.43709	(17011509)	654130.04	4187794.07	468.48853	(17122619)
654137.53	4187815.73	454.85069	(17020824)	654145.02	4187837.38	441.30141	(17020824)
654152.51	4187859.04	445.01100	(17011303)	654159.99	4187880.70	450.24544	(17121319)
653827.71	4187527.73	602.40949	(17012520)	653802.93	4187527.07	594.86919	(17013024)
653778.15	4187526.41	635.29308	(17122917)	653753.37	4187525.75	594.69445	(17122917)
653728.60	4187525.09	604.46994	(17011719)	653703.82	4187524.42	692.49762	(17123009)
653851.80	4187437.61	472.66311	(17012520)	653873.22	4187447.44	463.74170	(17122319)
653894.64	4187457.27	482.92615	(17012804)	653916.06	4187467.11	486.97217	(17122920)
653937.48	4187476.94	465.81386	(17012903)	653958.90	4187486.78	458.05891	(17012903)
653980.32	4187496.61	481.12139	(17020801)	654001.74	4187506.45	443.41656	(17020801)
654023.16	4187516.28	447.58068	(17120120)	654044.58	4187526.12	419.56470	(17120120)
654066.00	4187535.95	408.86277	(17011508)	654087.42	4187545.79	425.29617	(17012908)
654108.84	4187555.62	403.34973	(17012908)	654130.26	4187565.45	360.65007	(17120121)
654159.38	4187597.57	406.75127	(17122320)	654167.09	4187619.84	414.06550	(17122320)
654174.79	4187642.12	428.31301	(17121219)	654182.49	4187664.39	449.19027	(17011509)
654190.20	4187686.67	492.44689	(17011509)	654197.90	4187708.94	470.06667	(17011509)
654205.61	4187731.22	388.89617	(17011509)	654213.31	4187753.49	366.47141	(17122619)
654221.01	4187775.77	351.86044	(17121906)	654228.72	4187798.04	357.65429	(17020824)
654236.42	4187820.32	346.74168	(17011303)	654244.12	4187842.59	344.06989	(17121319)
654251.83	4187864.87	348.56046	(17121319)	654259.53	4187887.15	348.49812	(17122519)

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        653830.38   4187427.77      462.00549  (17013024)                653805.60
4187427.11      470.15059  (17122917)
        653780.82   4187426.45      487.18008  (17122917)                653756.04
4187425.78      437.34520  (17120822)
        653731.27   4187425.12      469.80980  (17011719)                653706.49
4187424.46      531.51973  (17123009)
        653854.87   4187337.82      378.76536  (17013024)                653876.68
4187347.84      384.69394  (17012520)
        653898.50   4187357.86      374.99514  (17012520)                653920.32
4187367.87      391.87533  (17012804)
        653942.13   4187377.89      396.96983  (17122518)                653963.95
4187387.91      393.22875  (17122920)
        653985.77   4187397.92      383.60535  (17012903)                654007.58
4187407.94      369.45151  (17020801)
        654029.40   4187417.96      391.39779  (17020801)                654051.22
4187427.97      358.50704  (17020801)
        654073.03   4187437.99      362.55865  (17120120)                654094.85
4187448.01      351.31618  (17120120)
        654116.67   4187458.02      341.81381  (17011508)                654138.48
4187468.04      334.99280  (17012908)
        654160.30   4187478.06      344.67072  (17012908)                654182.12
4187488.07      314.92182  (17120121)
        654203.93   4187498.09      285.11689  (17120121)                654233.60
4187530.80      325.78183  (17122320)
        654241.44   4187553.48      339.55552  (17122320)                654249.29
4187576.17      344.69635  (17121219)
        654257.14   4187598.86      345.21049  (17121320)                654264.98
4187621.55      382.84085  (17011509)
        654272.83   4187644.23      401.35556  (17011509)                654280.68
4187666.92      374.30110  (17011509)
        654288.52   4187689.61      309.56542  (17011509)                654296.37
4187712.30      296.53004  (17122619)
        654304.21   4187734.99      287.42001  (17122619)                654312.06
4187757.67      291.85643  (17020824)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 583
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654319.91	4187780.36	277.25207	(17020824)	654327.75	4187803.05	284.16865	(17011303)
654335.60	4187825.74	283.89318	(17121319)	654343.45	4187848.43	279.92089	(17121319)
654351.29	4187871.11	281.54485	(17122519)	654359.14	4187893.80	290.76037	(17122519)
653833.05	4187327.81	356.96567	(17122917)	653808.27	4187327.14	392.56740	(17122917)
653783.49	4187326.48	374.68237	(17122917)	653758.72	4187325.82	352.61664	(15011509)
653733.94	4187325.16	378.89221	(17011719)	653709.16	4187324.50	424.68859	(17123009)
653857.82	4187237.99	292.96496	(17013024)	653879.92	4187248.14	318.16754	(17013024)
653902.02	4187258.28	321.76015	(17012520)	653924.12	4187268.43	315.29226	(17012520)
653946.22	4187278.58	324.30006	(17122319)	653968.32	4187288.72	326.36695	(17122518)
653990.42	4187298.87	332.14816	(17122920)	654012.52	4187309.02	314.34446	(17122920)
654034.62	4187319.16	318.13125	(17012903)	654056.72	4187329.31	316.25586	(17020801)
654078.82	4187339.46	326.08171	(17020801)	654100.92	4187349.60	297.18574	(17020801)
654123.02	4187359.75	301.07392	(17120120)	654145.12	4187369.90	298.58154	(17120120)
654167.22	4187380.04	286.71453	(17011508)	654189.32	4187390.19	272.11037	(17011508)
654211.42	4187400.34	287.39448	(17012908)	654233.52	4187410.48	282.54528	(17012908)
654255.62	4187420.63	260.08562	(17120121)	654277.72	4187430.78	237.98532	(17013019)
654307.77	4187463.91	267.85445	(17122320)	654315.72	4187486.89	283.79339	(17122320)
654323.67	4187509.87	280.35575	(17121219)	654331.62	4187532.86	290.48758	(17121219)
654339.56	4187555.84	293.40243	(17011509)	654347.51	4187578.82	328.46149	(17011509)
654355.46	4187601.80	333.51584	(17011509)	654363.41	4187624.79	306.29229	(17011509)
654371.36	4187647.77	253.85708	(17011509)	654379.30	4187670.75	245.97920	(17122619)
654387.25	4187693.73	243.91909	(17122619)	654395.20	4187716.72	239.78668	(17020824)

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        654403.15   4187739.70      240.56120  (17020824)               654411.10
4187762.68      231.46968  (17011303)
        654419.04   4187785.66      235.14888  (17011303)               654426.99
4187808.65      238.52111  (17121319)
        654434.94   4187831.63      232.81633  (17010504)               654442.89
4187854.61      233.35883  (17122519)
        654450.84   4187877.59      243.12870  (17122519)               654458.79
4187900.58      234.68458  (17122719)
        653835.72   4187227.84      317.05711  (17122917)               653810.94
4187227.18      322.56580  (17122917)
        653786.16   4187226.52      293.50531  (17120822)               653761.39
4187225.86      293.69114  (15011509)
        653736.61   4187225.19      314.31132  (17011719)               653711.83
4187224.53      349.64697  (17123009)
        653860.70   4187138.12      263.08440  (17122917)               653883.02
4187148.37      256.36905  (17013024)
        653905.33   4187158.61      272.15942  (17013024)               653927.64
4187168.86      274.77245  (17012520)
        653949.95   4187179.10      270.01068  (17012520)               653972.27
4187189.34      276.53296  (17122319)
        653994.58   4187199.59      279.09991  (17012804)               654016.89
4187209.83      283.41016  (17122518)
        654039.20   4187220.08      279.29786  (17122920)               654061.52
4187230.32      272.60203  (17012903)
        654083.83   4187240.57      265.79950  (17012903)               654106.14
4187250.81      274.04771  (17020801)
        654128.45   4187261.05      276.77981  (17020801)               654150.77
4187271.30      251.29088  (17020801)
        654173.08   4187281.54      255.04308  (17120120)               654195.39
4187291.79      257.18667  (17120120)
        654217.71   4187302.03      242.08401  (17011508)               654240.02
4187312.28      240.13942  (17011508)
        654262.33   4187322.52      236.96131  (17012908)               654284.64
4187332.77      246.31859  (17012908)
        654306.96   4187343.01      234.29074  (17012908)               654329.27
4187353.25      218.30923  (17120121)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 584
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                   INCLUDING SOURCE(S):     STCK2       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654351.58	4187363.50	203.29946	(17013019)	654381.92	4187396.95	224.80820	(17122320)
654389.94	4187420.15	240.97007	(17122320)	654397.97	4187443.35	237.10177	(17122320)
654405.99	4187466.56	247.19613	(17121219)	654414.02	4187489.76	245.23519	(17121320)
654422.04	4187512.96	263.01897	(17011509)	654430.07	4187536.17	284.07030	(17011509)
654438.09	4187559.37	281.73821	(17011509)	654446.11	4187582.57	256.07649	(17011509)
654454.14	4187605.78	212.92484	(17011509)	654462.16	4187628.98	208.02290	(17122619)
654470.19	4187652.19	209.90094	(17122619)	654478.21	4187675.39	202.50478	(17121906)
654486.24	4187698.59	207.44514	(17020824)	654494.26	4187721.80	196.50454	(17020824)
654502.29	4187745.00	200.88798	(17011303)	654510.31	4187768.20	196.84957	(17011303)
654518.34	4187791.41	203.64875	(17121319)	654526.36	4187814.61	198.56133	(17010504)
654534.39	4187837.81	197.32265	(17122519)	654542.41	4187861.02	207.10455	(17122519)
654550.43	4187884.22	199.44522	(17122519)	654558.46	4187907.43	195.45195	(17122719)
653838.39	4187127.88	274.37307	(17122917)	653813.61	4187127.22	264.38679	(17122917)
653788.83	4187126.55	254.34489	(15041307)	653764.06	4187125.89	248.94426	(15011509)
653739.28	4187125.23	266.44401	(17011719)	653714.50	4187124.57	294.54548	(17123009)
653863.54	4187038.23	236.31476	(17122917)	653886.02	4187048.55	219.65096	(17122917)
653908.50	4187058.87	226.50522	(17013024)	653930.97	4187069.19	236.12667	(17013024)
653953.45	4187079.51	238.42768	(17012520)	653975.93	4187089.83	234.64893	(17012520)
653998.41	4187100.16	238.87474	(17122319)	654020.88	4187110.48	243.15451	(17012804)
654043.36	4187120.80	245.17545	(17122518)	654065.84	4187131.12	245.56356	(17122920)
654088.32	4187141.44	232.07885	(17122920)	654110.80	4187151.76	236.66856	(17012903)

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        654133.27   4187162.08      223.84868  (17012903)               654155.75
4187172.40      239.96787  (17020801)
        654178.23   4187182.72      238.48689  (17020801)               654200.71
4187193.04      215.93458  (17020801)
        654223.19   4187203.36      219.56949  (17120120)               654245.66
4187213.68      224.15467  (17120120)
        654268.14   4187224.00      209.32110  (17120120)               654290.62
4187234.32      211.30431  (17011508)
        654313.10   4187244.64      196.99001  (17011508)               654335.58
4187254.96      211.15473  (17012908)
        654358.05   4187265.28      211.62189  (17012908)               654380.53
4187275.60      196.42550  (17012908)
        654403.01   4187285.92      185.78783  (17120121)               654425.49
4187296.24      176.38741  (17013019)
        654456.05   4187329.94      191.83617  (17122320)               654464.13
4187353.31      207.35686  (17122320)
        654472.22   4187376.69      208.05897  (17122320)               654480.30
4187400.06      210.75971  (17121219)
        654488.38   4187423.44      214.12457  (17121219)               654496.47
4187446.81      215.40073  (17121320)
        654504.55   4187470.19      235.77604  (17011509)               654512.64
4187493.56      247.67908  (17011509)
        654520.72   4187516.94      241.33706  (17011509)               654528.81
4187540.32      217.76213  (17011509)
        654536.89   4187563.69      181.75773  (17011509)               654544.97
4187587.07      178.67968  (17122619)
        654553.06   4187610.44      182.73367  (17122619)               654561.14
4187633.82      175.59076  (17121906)
        654569.23   4187657.19      178.54996  (17020824)               654577.31
4187680.57      176.64313  (17020824)
        654585.39   4187703.94      167.71162  (17011303)               654593.48
4187727.32      174.67934  (17011303)
        654601.56   4187750.69      170.11196  (17121319)               654609.65
4187774.07      176.30313  (17121319)
        654617.73   4187797.45      172.07391  (17010504)               654625.81
4187820.82      169.56648  (17122519)
        654633.90   4187844.20      179.03102  (17122519)               654641.98
4187867.57      175.26098  (17122519)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 585
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654650.07	4187890.95	171.78763	(17122719)	654658.15	4187914.32	164.50718	(17122621)
653841.06	4187027.91	234.64143	(17122917)	653816.28	4187027.25	231.63205	(15041307)
653791.51	4187026.59	233.59291	(15041307)	653766.73	4187025.93	218.18233	(15041307)
653741.95	4187025.27	229.73551	(17011719)	653717.17	4187024.60	252.56583	(17123009)
653870.18	4186788.31	182.87632	(15041307)	653892.62	4186798.61	175.48987	(17122917)
653915.06	4186808.91	170.16114	(17122917)	653937.50	4186819.21	156.54228	(17011203)
653959.94	4186829.52	166.25087	(17013024)	653982.38	4186839.82	173.87997	(17013024)
654004.82	4186850.12	172.13576	(17012520)	654027.26	4186860.43	176.75786	(17012520)
654049.70	4186870.73	169.79845	(17012520)	654072.14	4186881.03	176.24762	(17122319)
654094.58	4186891.33	179.29256	(17012804)	654117.02	4186901.64	177.20117	(17122518)
654139.46	4186911.94	181.25998	(17122518)	654161.90	4186922.24	180.44072	(17122920)
654184.34	4186932.55	169.94889	(17122920)	654206.78	4186942.85	174.68532	(17012903)
654229.22	4186953.15	169.92998	(17012903)	654251.66	4186963.45	168.56067	(17020801)
654274.10	4186973.76	178.09219	(17020801)	654296.54	4186984.06	175.69878	(17020801)
654318.98	4186994.36	161.95560	(17020801)	654341.42	4187004.67	155.11246	(17120120)
654363.86	4187014.97	164.89092	(17120120)	654386.30	4187025.27	164.12396	(17120120)
654408.74	4187035.58	153.11541	(17120120)	654431.18	4187045.88	156.21667	(17011508)
654453.62	4187056.18	150.58508	(17011508)	654476.06	4187066.48	148.34293	(17012908)
654498.50	4187076.79	156.54982	(17012908)	654520.94	4187087.09	155.98437	(17012908)
654543.38	4187097.39	146.95953	(17012908)	654565.82	4187107.70	140.85438	(17120121)

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        654588.26   4187118.00      132.92150  (15030608)                654610.70
4187128.30      130.17686  (17013019)
        654641.21   4187161.94      136.12613  (17122320)                654649.28
4187185.28      148.96435  (17122320)
        654657.35   4187208.61      154.51914  (17122320)                654665.42
4187231.95      151.69064  (17122320)
        654673.49   4187255.29      155.08777  (17121219)                654681.57
4187278.62      158.40543  (17121219)
        654689.64   4187301.96      157.07105  (17121320)                654697.71
4187325.29      160.30609  (17011509)
        654705.78   4187348.63      175.72949  (17011509)                654713.85
4187371.97      182.52831  (17011509)
        654721.92   4187395.30      179.45187  (17011509)                654729.99
4187418.64      166.83394  (17011509)
        654738.06   4187441.97      146.56424  (17011509)                654746.13
4187465.31      121.59478  (17011509)
        654754.20   4187488.65      131.13686  (17122619)                654762.27
4187511.98      134.85195  (17122619)
        654770.34   4187535.32      130.89308  (17122619)                654778.41
4187558.66      128.72293  (17121906)
        654786.48   4187581.99      132.05040  (17020824)                654794.55
4187605.33      129.82263  (17020824)
        654802.62   4187628.66      120.01282  (17011303)                654810.69
4187652.00      127.68677  (17011303)
        654818.76   4187675.34      127.43092  (17011303)                654826.83
4187698.67      126.46737  (17121319)
        654834.90   4187722.01      129.77855  (17121319)                654842.97
4187745.35      125.68891  (17010504)
        654851.04   4187768.68      126.13675  (17010504)                654859.11
4187792.02      128.10783  (17122519)
        654867.19   4187815.35      132.01330  (17122519)                654875.26
4187838.69      128.76693  (17122519)
        654883.33   4187862.03      127.03577  (17122719)                654891.40
4187885.36      121.78999  (17122719)
        654899.47   4187908.70      121.94041  (17122621)                654907.54
4187932.03      120.86259  (17122621)
        653847.74   4186778.00      194.59869  (15041307)                653822.96
4186777.34      197.92748  (15041307)
        653798.18   4186776.68      190.53437  (15041307)                653773.40
4186776.02      173.42258  (15041307)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 586
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
```

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653748.63	4186775.35	167.55768	(17011719)	653723.85	4186774.69	182.05389	(17123009)
653876.83	4186538.38	169.77889	(15041307)	653899.25	4186548.68	160.86232	(15041307)
653921.66	4186558.97	146.54787	(15041307)	653944.08	4186569.26	135.34745	(17122917)
653966.50	4186579.55	128.48946	(17122917)	653988.91	4186589.84	119.74489	(17011203)
654011.33	4186600.14	128.80749	(17013024)	654033.75	4186610.43	134.86712	(17013024)
654056.16	4186620.72	134.74044	(17013024)	654078.58	4186631.01	136.97337	(17012520)
654101.00	4186641.30	136.79481	(17012520)	654123.41	4186651.60	129.78867	(17122319)
654145.83	4186661.89	137.28044	(17122319)	654168.25	4186672.18	139.22087	(17012804)
654190.66	4186682.47	138.55129	(17012804)	654213.08	4186692.76	140.91141	(17122518)
654235.49	4186703.06	140.77926	(17122920)	654257.91	4186713.35	139.65165	(17122920)
654280.33	4186723.64	131.41588	(17122920)	654302.74	4186733.93	135.75192	(17012903)
654325.16	4186744.22	134.24633	(17012903)	654347.58	4186754.52	126.62136	(17012903)
654369.99	4186764.81	134.23689	(17020801)	654392.41	4186775.10	139.09590	(17020801)
654414.83	4186785.39	136.70201	(17020801)	654437.24	4186795.68	127.47862	(17020801)
654459.66	4186805.98	118.04441	(17011208)	654482.07	4186816.27	125.05277	(17120120)
654504.49	4186826.56	129.10216	(17120120)	654526.91	4186836.85	126.70088	(17120120)
654549.32	4186847.14	118.29029	(17120120)	654571.74	4186857.44	121.51816	(17011508)
654594.16	4186867.73	119.45959	(17011508)	654616.57	4186878.02	111.32726	(17011508)
654638.99	4186888.31	117.63403	(17012908)	654661.41	4186898.60	122.12378	(17012908)

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        654683.82   4186908.90      121.30009  (17012908)                654706.24
4186919.19      115.37467  (17012908)
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4186939.77      118.59152  (15030608)
        654773.49   4186950.06      114.26662  (15030608)                654795.90
4186960.36      105.19615  (15030608)
        654826.38   4186993.96      102.22578  (17122320)                654834.44
4187017.27      112.44713  (17122320)
        654842.51   4187040.58      118.72789  (17122320)                654850.57
4187063.89      120.20789  (17122320)
        654858.63   4187087.21      116.58051  (17122320)                654866.69
4187110.52      120.47572  (17121219)
        654874.75   4187133.83      123.37982  (17121219)                654882.82
4187157.14      120.73639  (17121219)
        654890.88   4187180.45      123.70593  (17121320)                654898.94
4187203.76      128.01236  (17011509)
        654907.00   4187227.08      137.67515  (17011509)                654915.06
4187250.39      141.99358  (17011509)
        654923.13   4187273.70      140.33903  (17011509)                654931.19
4187297.01      132.84177  (17011509)
        654939.25   4187320.32      120.37121  (17011509)                654947.31
4187343.63      104.37053  (17011509)
        654955.37   4187366.94       94.33118  (17122619)                654963.43
4187390.26      101.65505  (17122619)
        654971.50   4187413.57      104.79961  (17122619)                654979.56
4187436.88      103.33023  (17122619)
        654987.62   4187460.19      100.36899  (17121906)                654995.68
4187483.50      100.06061  (17020824)
        655003.74   4187506.81      102.92225  (17020824)                655011.81
4187530.13      100.85018  (17020824)
        655019.87   4187553.44       94.13440  (17020824)                655027.93
4187576.75       97.72829  (17011303)
        655035.99   4187600.06      100.02906  (17011303)                655044.05
4187623.37       97.46115  (17011303)
        655052.12   4187646.68       98.99653  (17121319)                655060.18
4187669.99      100.97097  (17121319)
        655068.24   4187693.31       98.14435  (17121319)                655076.30
4187716.62       98.69164  (17010504)
        655084.36   4187739.93       95.83056  (17010504)                655092.43
4187763.24      101.00257  (17122519)
        655100.49   4187786.55      102.62932  (17122519)                655108.55
4187809.86       99.95777  (17122519)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 587
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655116.61	4187833.17	99.03232	(17122719)	655124.67	4187856.49	96.55567	(17122719)
655132.73	4187879.80	93.41971	(17122621)	655140.80	4187903.11	94.92004	(17122621)
655148.86	4187926.42	93.31405	(17122621)	655156.92	4187949.73	90.42050	(16122009)
653854.42	4186528.09	172.34802	(15041307)	653829.64	4186527.43	168.91685	(15041307)
653804.86	4186526.77	158.62248	(15041307)	653780.08	4186526.11	142.76364	(15041307)
653755.30	4186525.44	129.52642	(17011719)	653730.53	4186524.78	139.32859	(17123009)
653883.49	4186288.47	154.03095	(15041307)	653905.89	4186298.75	151.36875	(15041307)
653928.29	4186309.03	144.18366	(15041307)	653950.69	4186319.32	133.05244	(15041307)
653973.09	4186329.60	118.89483	(15041307)	653995.49	4186339.89	107.27562	(17122917)
654017.89	4186350.17	100.56411	(17122917)	654040.29	4186360.46	95.36004	(17013024)
654062.69	4186370.74	103.64351	(17013024)	654085.09	4186381.03	108.53348	(17013024)
654107.49	4186391.31	109.44949	(17013024)	654129.89	4186401.60	108.90121	(17012520)
654152.29	4186411.88	111.40908	(17012520)	654174.69	4186422.16	109.35112	(17012520)
654197.09	4186432.45	105.75988	(17122319)	654219.49	4186442.73	111.03350	(17122319)
654241.89	4186453.02	112.07012	(17012804)	654264.29	4186463.30	112.86868	(17012804)
654286.69	4186473.59	112.16292	(17122518)	654309.09	4186483.87	114.41882	(17122518)
654331.49	4186494.16	114.18279	(17122920)	654353.90	4186504.44	112.13911	(17122920)
654376.30	4186514.73	105.55494	(17122920)	654398.70	4186525.01	109.40363	(17012903)

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        654421.10   4186535.29      109.32187  (17012903)                654443.50
4186545.58      105.15498  (17012903)
        654465.90   4186555.86      102.98743  (17020801)                654488.30
4186566.15      109.99719  (17020801)
        654510.70   4186576.43      112.56394  (17020801)                654533.10
4186586.72      110.39385  (17020801)
        654555.50   4186597.00      103.78414  (17020801)                654577.90
4186607.29       93.85698  (17121708)
        654600.30   4186617.57       97.49954  (17120120)                654622.70
4186627.86      102.95676  (17120120)
        654645.10   4186638.14      104.34557  (17120120)                654667.50
4186648.42      101.54726  (17120120)
        654689.90   4186658.71       94.93778  (17120120)                654712.30
4186668.99       98.04626  (17011508)
        654734.70   4186679.28       97.60469  (17011508)                654757.10
4186689.56       93.05671  (17011508)
        654779.50   4186699.85       90.33759  (17012908)                654801.90
4186710.13       96.22138  (17012908)
        654824.30   4186720.42       98.85385  (17012908)                654846.70
4186730.70       98.01404  (17012908)
        654869.10   4186740.99       97.06955  (15030608)                654891.50
4186751.27      103.48878  (15030608)
        654913.90   4186761.55      106.15469  (15030608)                654936.30
4186771.84      104.84279  (15030608)
        654958.70   4186782.12       99.75834  (15030608)                654981.10
4186792.41       91.51704  (15030608)
        655011.55   4186825.99       79.98659  (17122320)                655019.61
4186849.28       88.14405  (17122320)
        655027.67   4186872.58       94.00957  (17122320)                655035.72
4186895.87       96.96650  (17122320)
        655043.78   4186919.17       96.65947  (17122320)                655051.83
4186942.46       93.05515  (17122320)
        655059.89   4186965.76       97.19431  (17121219)                655067.95
4186989.05       99.65716  (17121219)
        655076.00   4187012.34       98.52496  (17121219)                655084.06
4187035.64       99.24812  (17121320)
        655092.12   4187058.93       99.78196  (17121320)                655100.17
4187082.23      105.23129  (17011509)
        655108.23   4187105.52      111.70989  (17011509)                655116.28
4187128.82      114.64711  (17011509)
        655124.34   4187152.11      113.69626  (17011509)                655132.40
4187175.41      108.90468  (17011509)
        655140.45   4187198.70      100.72469  (17011509)                655148.51
4187222.00       89.91509  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655156.56	4187245.29	77.46639	(17011509)	655164.62	4187268.58	76.52808	(17122619)
655172.68	4187291.88	81.84983	(17122619)	655180.73	4187315.17	84.47407	(17122619)
655188.79	4187338.47	84.11342	(17122619)	655196.84	4187361.76	80.79278	(17122619)
655204.90	4187385.06	80.88010	(17121906)	655212.96	4187408.35	81.73897	(17020824)
655221.01	4187431.65	83.13090	(17020824)	655229.07	4187454.94	81.30975	(17020824)
655237.12	4187478.24	76.48152	(17020824)	655245.18	4187501.53	77.40698	(17011303)
655253.24	4187524.83	80.47298	(17011303)	655261.29	4187548.12	80.40341	(17011303)
655269.35	4187571.41	77.21742	(17011303)	655277.40	4187594.71	80.32934	(17121319)
655285.46	4187618.00	81.60614	(17121319)	655293.52	4187641.30	79.74815	(17121319)
655301.57	4187664.59	79.73606	(17010504)	655309.63	4187687.89	78.85197	(17010504)
655317.68	4187711.18	78.90958	(17122519)	655325.74	4187734.48	82.24414	(17122519)
655333.80	4187757.77	82.81603	(17122519)	655341.85	4187781.07	80.60161	(17122519)
655349.91	4187804.36	80.01508	(17122719)	655357.96	4187827.65	78.85885	(17122719)
655366.02	4187850.95	75.09407	(17122719)	655374.08	4187874.24	76.13426	(17122621)
655382.13	4187897.54	80.20864	(16122009)	655390.19	4187920.83	82.55956	(16122009)
655398.25	4187944.13	80.77085	(16122009)	655406.30	4187967.42	75.17031	(16122009)
653861.09	4186278.18	152.01070	(15041307)	653836.31	4186277.52	145.58121	(15041307)

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        653811.54   4186276.86      134.72043  (15041307)                653786.76
4186276.19      120.48020  (15041307)
        653761.98   4186275.53      104.18113  (15041307)                653737.20
4186274.87      111.10311  (17123009)
        653890.16   4186038.55      138.39251  (15041307)                653912.55
4186048.83      139.36050  (15041307)
        653934.93   4186059.11      136.80817  (15041307)                653957.32
4186069.39      130.87139  (15041307)
        653979.71   4186079.67      121.94882  (15041307)                654002.10
4186089.94      110.65463  (15041307)
        654024.49   4186100.22       97.74747  (15041307)                654046.88
4186110.50       86.98994  (17122917)
        654069.26   4186120.78       82.08342  (17011203)                654091.65
4186131.06       79.43358  (17013024)
        654114.04   4186141.34       85.75567  (17013024)                654136.43
4186151.62       89.76899  (17013024)
        654158.82   4186161.90       91.08380  (17013024)                654181.20
4186172.18       89.55113  (17013024)
        654203.59   4186182.46       92.00444  (17012520)                654225.98
4186192.74       92.40687  (17012520)
        654248.37   4186203.01       89.66806  (17012520)                654270.76
4186213.29       88.39600  (17122319)
        654293.15   4186223.57       92.30113  (17122319)                654315.53
4186233.85       92.70117  (17012804)
        654337.92   4186244.13       94.10082  (17012804)                654360.31
4186254.41       91.91622  (17012804)
        654382.70   4186264.69       94.70210  (17122518)                654405.09
4186274.97       94.70090  (17122518)
        654427.48   4186285.25       94.85723  (17122920)                654449.86
4186295.53       92.55776  (17122920)
        654472.25   4186305.81       87.22167  (17012903)                654494.64
4186316.08       90.58513  (17012903)
        654517.03   4186326.36       91.14478  (17012903)                654539.42
4186336.64       88.85211  (17012903)
        654561.81   4186346.92       83.93495  (17012903)                654584.19
4186357.20       87.70412  (17020801)
        654606.58   4186367.48       92.20926  (17020801)                654628.97
4186377.76       93.56899  (17020801)
        654651.36   4186388.04       91.65880  (17020801)                654673.75
4186398.32       86.69611  (17020801)
        654696.13   4186408.60       79.19949  (17020801)                654718.52
4186418.88       79.65616  (17011208)
        654740.91   4186429.16       83.40784  (17120120)                654763.30
4186439.43       86.37129  (17120120)
        654785.69   4186449.71       86.46034  (17120120)                654808.08
4186459.99       83.69291  (17120120)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654830.46	4186470.27	78.37087	(17120120)	654852.85	4186480.55	81.24279	(17011508)
654875.24	4186490.83	81.56744	(17011508)	654897.63	4186501.11	79.00286	(17011508)
654920.02	4186511.39	73.85384	(17011508)	654942.41	4186521.67	76.70139	(17012908)
654964.79	4186531.95	80.60050	(17012908)	654987.18	4186542.23	82.21060	(17012908)
655009.57	4186552.50	81.42580	(17012908)	655031.96	4186562.78	86.27778	(15030608)
655054.35	4186573.06	92.34672	(15030608)	655076.74	4186583.34	95.71459	(15030608)
655099.12	4186593.62	96.11539	(15030608)	655121.51	4186603.90	93.56420	(15030608)
655143.90	4186614.18	88.33060	(15030608)	655166.29	4186624.46	80.92017	(15030608)
655196.73	4186658.02	64.49275	(17122320)	655204.78	4186681.30	71.08810	(17122320)
655212.83	4186704.58	76.27409	(17122320)	655220.88	4186727.87	79.62144	(17122320)
655228.94	4186751.15	80.81708	(17122320)	655236.99	4186774.43	79.72497	(17122320)
655245.04	4186797.71	76.39775	(17122320)	655253.09	4186821.00	80.63648	(17121219)
655261.14	4186844.28	82.72403	(17121219)	655269.19	4186867.56	82.34587	(17121219)
655277.25	4186890.84	81.39150	(17121320)	655285.30	4186914.12	83.12337	(17121320)
655293.35	4186937.41	82.30379	(14102408)	655301.40	4186960.69	88.48582	(17011509)
655309.45	4186983.97	93.06708	(17011509)	655317.51	4187007.25	95.17520	(17011509)

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        655325.56   4187030.54       94.60215  (17011509)                655333.61
4187053.82       91.36498  (17011509)
        655341.66   4187077.10       85.71937  (17011509)                655349.71
4187100.38       78.10482  (17011509)
        655357.76   4187123.66       69.10667  (17011509)                655365.82
4187146.95       62.71376  (17012523)
        655373.87   4187170.23       63.74064  (17122619)                655381.92
4187193.51       67.78820  (17122619)
        655389.97   4187216.79       69.99706  (17122619)                655398.02
4187240.08       70.16326  (17122619)
        655406.07   4187263.36       68.26262  (17122619)                655414.13
4187286.64       67.21712  (17121906)
        655422.18   4187309.92       66.68124  (17121906)                655430.23
4187333.20       68.39343  (17020824)
        655438.28   4187356.49       69.02402  (17020824)                655446.33
4187379.77       67.44346  (17020824)
        655454.39   4187403.05       63.79964  (17020824)                655462.44
4187426.33       62.96886  (17011303)
        655470.49   4187449.62       66.11745  (17011303)                655478.54
4187472.90       67.17051  (17011303)
        655486.59   4187496.18       66.03458  (17011303)                655494.64
4187519.46       63.96958  (17121319)
        655502.70   4187542.74       66.92934  (17121319)                655510.75
4187566.03       67.79929  (17121319)
        655518.80   4187589.31       66.50761  (17121319)                655526.85
4187612.59       65.99704  (17010504)
        655534.90   4187635.87       66.07605  (17010504)                655542.95
4187659.16       64.07876  (17010504)
        655551.01   4187682.44       66.62684  (17122519)                655559.06
4187705.72       68.61089  (17122519)
        655567.11   4187729.00       68.67123  (17122519)                655575.16
4187752.28       66.82369  (17122519)
        655583.21   4187775.57       66.41432  (17122719)                655591.27
4187798.85       65.93621  (17122719)
        655599.32   4187822.13       63.61914  (17122719)                655607.37
4187845.41       63.74512  (15121209)
        655615.42   4187868.70       69.14788  (16122009)                655623.47
4187891.98       73.54373  (16122009)
        655631.52   4187915.26       74.93640  (16122009)                655639.58
4187938.54       73.19837  (16122009)
        655647.63   4187961.83       68.58902  (16122009)                655655.68
4187985.11       63.01299  (15121209)
        653867.77   4186028.27      134.03331  (15041307)                653842.99
4186027.61      126.55610  (15041307)
        653818.21   4186026.95      116.17099  (15041307)                653793.44
4186026.28      103.68032  (15041307)
        653768.66   4186025.62       89.97169  (15041307)                653743.88
4186024.96       91.25742  (17123009)
1 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
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                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
                                 INCLUDING SOURCE(S):   STCK2   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654574.66 4185846.87 69.66876 (17122518) 654597.03
4185857.14 69.52572 (17122920)
654619.40 4185867.41 69.09565 (17122920) 654641.78
4185877.69 66.92475 (17122920)
654664.15 4185887.96 63.43378 (17012903) 654686.52
4185898.23 65.87270 (17012903)
654708.89 4185908.50 66.84155 (17012903) 654731.26
4185918.77 66.27449 (17012903)
654753.64 4185929.04 64.21109 (17012903) 654776.01
4185939.32 60.79564 (17012903)
654798.38 4185949.59 62.64273 (17020801) 654820.75
4185959.86 66.23321 (17020801)
654843.12 4185970.13 68.23886 (17020801) 654865.50
4185980.40 68.51349 (17020801)
654887.87 4185990.67 67.04328 (17020801) 654910.24
4186000.95 63.94712 (17020801)
654932.61 4186011.22 59.46047 (17020801) 654954.98
4186021.49 56.42440 (17011208)
654977.36 4186031.76 58.45930 (17011208) 654999.73
4186042.03 60.71525 (17120120)
655022.10 4186052.30 62.91428 (17120120) 655044.47
4186062.58 63.59706 (17120120)
655066.85 4186072.85 62.72371 (17120120) 655089.22
4186083.12 60.37136 (17120120)
655111.59 4186093.39 57.00404 (17011301) 655133.96
4186103.66 59.14552 (17011508)
655156.33 4186113.94 59.99317 (17011508) 655178.71
4186124.21 59.26799 (17011508)
655201.08 4186134.48 57.04267 (17011508) 655223.45
4186144.75 53.50125 (17011508)
655245.82 4186155.02 54.65763 (17012908) 655268.19
4186165.29 57.70693 (17012908)
655290.57 4186175.57 59.60681 (17012908) 655312.94
4186185.84 60.24816 (17012908)
655335.31 4186196.11 63.98808 (15030608) 655357.68
4186206.38 70.45842 (15030608)
655380.06 4186216.65 75.72563 (15030608) 655402.43
4186226.92 79.46213 (15030608)
655424.80 4186237.20 81.43986 (15030608) 655447.17
4186247.47 81.55344 (15030608)
655469.54 4186257.74 79.82409 (15030608) 655491.92
4186268.01 76.39335 (15030608)
655514.29 4186278.28 71.51818 (15030608) 655536.66
4186288.55 65.51226 (15030608)
655567.08 4186322.09 51.91190 (15030608) 655575.12
4186345.36 49.20649 (17122320)
655583.17 4186368.62 53.10315 (17122320) 655591.22
4186391.89 56.18320 (17122320)
655599.26 4186415.15 58.25396 (17122320) 655607.31
4186438.42 59.17774 (17122320)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655615.35	4186461.68	58.87950	(17122320)	655623.40	4186484.95	57.36142	(17122320)
655631.45	4186508.21	56.18046	(17121219)	655639.49	4186531.48	58.90522	(17121219)
655647.54	4186554.75	60.43855	(17121219)	655655.58	4186578.01	60.66421	(17121219)
655663.63	4186601.28	59.55156	(17121219)	655671.68	4186624.54	59.97562	(17121320)
655679.72	4186647.81	62.27378	(14102408)	655687.77	4186671.07	68.01541	(14102408)
655695.81	4186694.34	72.18024	(14102408)	655703.86	4186717.60	74.41893	(14102408)
655711.91	4186740.87	74.52088	(14102408)	655719.95	4186764.13	72.45719	(14102408)
655728.00	4186787.40	69.37284	(17011509)	655736.04	4186810.67	67.71896	(17011509)
655744.09	4186833.93	64.72164	(17011509)	655752.14	4186857.20	60.55318	(17011509)
655760.18	4186880.46	55.45664	(17011509)	655768.23	4186903.73	49.70770	(17011509)
655776.27	4186926.99	49.60996	(14042707)	655784.32	4186950.26	50.77955	(14042707)
655792.37	4186973.52	50.93842	(14042707)	655800.41	4186996.79	50.07276	(14042707)
655808.46	4187020.06	50.98685	(17122619)	655816.50	4187043.32	51.51424	(17122619)
655824.55	4187066.59	50.92667	(17122619)	655832.60	4187089.85	49.25856	(17122619)

655840.64 4187113.12 49.14673 (17121906) 655848.69
4187136.38 48.90582 (17121906)
655856.73 4187159.65 49.31436 (17020824) 655864.78
4187182.91 50.47428 (17020824)
655872.83 4187206.18 50.45587 (17020824) 655880.87
4187229.44 49.25994 (17020824)
655888.92 4187252.71 46.96796 (17020824) 655896.96
4187275.98 44.21801 (17011303)
655905.01 4187299.24 46.94453 (17011303) 655913.06
4187322.51 48.65295 (17011303)
655921.10 4187345.77 49.22422 (17011303) 655929.15
4187369.04 48.62041 (17011303)
655937.19 4187392.30 46.88830 (17011303) 655945.24
4187415.57 47.63587 (17121319)
655953.29 4187438.83 49.22142 (17121319) 655961.33
4187462.10 49.67504 (17121319)
655969.38 4187485.36 48.96947 (17121319) 655977.42
4187508.63 47.78201 (17010504)
655985.47 4187531.90 48.55914 (17010504) 655993.52
4187555.16 48.20791 (17010504)
656001.56 4187578.43 46.75930 (17010504) 656009.61
4187601.69 47.98199 (17122519)
656017.65 4187624.96 49.69835 (17122519) 656025.70
4187648.22 50.41206 (17122519)
656033.75 4187671.49 50.08761 (17122519) 656041.79
4187694.75 48.75401 (17122519)
656049.84 4187718.02 48.50462 (17122719) 656057.88
4187741.28 48.59453 (17122719)
656065.93 4187764.55 47.67355 (17122719) 656073.98
4187787.82 48.62603 (15121209)
656082.02 4187811.08 53.06267 (15121209) 656090.07
4187834.35 56.81187 (16122009)
656098.11 4187857.61 60.88134 (16122009) 656106.16
4187880.88 63.20278 (16122009)
656114.20 4187904.14 63.58321 (16122009) 656122.25
4187927.41 62.01338 (16122009)
656130.30 4187950.67 58.66001 (16122009) 656138.34
4187973.94 54.44770 (15121209)
656146.39 4187997.20 50.41795 (15121209) 656154.43
4188020.47 46.27480 (16010203)
653881.12 4185528.45 103.71577 (15041307) 653856.35
4185527.79 96.21286 (15041307)
653831.57 4185527.12 87.44029 (15041307) 653806.79
4185526.46 77.86286 (15041307)
653782.01 4185525.80 67.94354 (15041307) 653757.23
4185525.14 65.36795 (17123009)
653916.84 4185038.89 90.16445 (15041307) 653939.20
4185049.16 94.90687 (15041307)
653961.56 4185059.43 98.52743 (15041307) 653983.92
4185069.69 100.86314 (15041307)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654051.01	4185100.49	99.46602	(15041307)	654073.37	4185110.76	96.17044	(15041307)
654095.73	4185121.03	91.61870	(15041307)	654118.09	4185131.30	85.95731	(15041307)
654140.46	4185141.56	79.48562	(15041307)	654162.82	4185151.83	72.38738	(15041307)
654185.18	4185162.10	64.90627	(15041307)	654207.54	4185172.36	57.31146	(15041307)
654229.90	4185182.63	49.82670	(15041307)	654252.26	4185192.90	45.99164	(17011203)
654274.63	4185203.16	44.09854	(17011203)	654296.99	4185213.43	45.06016	(17013024)
654319.35	4185223.70	47.86448	(17013024)	654341.71	4185233.96	49.96375	(17013024)
654364.07	4185244.23	51.24603	(17013024)	654386.43	4185254.50	51.63904	(17013024)
654408.80	4185264.77	51.11471	(17013024)	654431.16	4185275.03	50.74343	(17012520)
654453.52	4185285.30	52.17100	(17012520)	654475.88	4185295.57	52.61199	(17012520)
654498.24	4185305.83	52.03523	(17012520)	654520.60	4185316.10	50.47087	(17012520)
654542.97	4185326.37	49.78942	(14090107)	654565.33	4185336.63	50.82606	(17122319)
654587.69	4185346.90	52.43049	(17122319)	654610.05	4185357.17	52.87334	(17122319)

654632.41 4185367.43 53.12288 (17012804) 654654.77
4185377.70 53.51739 (17012804)
654677.14 4185387.97 52.75415 (17012804) 654699.50
4185398.23 55.53168 (13012109)
654721.86 4185408.50 57.20209 (13012109) 654744.22
4185418.77 57.53841 (13012109)
654766.58 4185429.04 56.51450 (13012109) 654788.94
4185439.30 54.20074 (13012109)
654811.31 4185449.57 53.02511 (17122920) 654833.67
4185459.84 51.17577 (17122920)
654856.03 4185470.10 48.77593 (17012903) 654878.39
4185480.37 50.61556 (17012903)
654900.75 4185490.64 51.59204 (17012903) 654923.11
4185500.90 51.65388 (17012903)
654945.48 4185511.17 50.79836 (17012903) 654967.84
4185521.44 49.07244 (17012903)
654990.20 4185531.70 46.56773 (17012903) 655012.56
4185541.97 47.37162 (17020801)
655034.92 4185552.24 50.20411 (17020801) 655057.28
4185562.51 52.14861 (17020801)
655079.64 4185572.77 53.09463 (17020801) 655102.01
4185583.04 52.98972 (17020801)
655124.37 4185593.31 51.84397 (17020801) 655146.73
4185603.57 49.72817 (17020801)
655169.09 4185613.84 46.76694 (17020801) 655191.45
4185624.11 44.20706 (17121708)
655213.81 4185634.37 44.02179 (17011208) 655236.18
4185644.64 45.29463 (17011208)
655258.54 4185654.91 46.74830 (17120120) 655280.90
4185665.17 48.42906 (17120120)
655303.26 4185675.44 49.21581 (17120120) 655325.62
4185685.71 49.06921 (17120120)
655347.98 4185695.97 48.00337 (17120120) 655370.35
4185706.24 46.08345 (17120120)
655392.71 4185716.51 44.10380 (17011301) 655415.07
4185726.78 45.49249 (17011508)
655437.43 4185737.04 46.40127 (17011508) 655459.79
4185747.31 46.36935 (17011508)
655482.15 4185757.58 45.40589 (17011508) 655504.52
4185767.84 43.57644 (17011508)
655526.88 4185778.11 40.99464 (17011508) 655549.24
4185788.38 41.24454 (17012908)
655571.60 4185798.64 43.62195 (17012908) 655593.96
4185808.91 45.35833 (17012908)
655616.32 4185819.18 46.37479 (17012908) 655638.69
4185829.44 48.42910 (15030608)
655661.05 4185839.71 54.13092 (15030608) 655683.41
4185849.98 59.36696 (15030608)
655705.77 4185860.25 63.89295 (15030608) 655728.13
4185870.51 67.49254 (15030608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655750.49	4185880.78	69.99399	(15030608)	655772.86	4185891.05	71.27857	(15030608)
655795.22	4185901.31	71.28729	(15030608)	655817.58	4185911.58	70.02544	(15030608)
655839.94	4185921.85	67.57425	(15030608)	655862.30	4185932.11	64.06056	(15030608)
655884.66	4185942.38	59.67611	(15030608)	655907.03	4185952.65	54.64391	(15030608)
655937.43	4185986.17	43.84152	(15030608)	655945.47	4186009.42	38.39423	(15030608)
655953.51	4186032.68	39.06373	(17122320)	655961.56	4186055.93	41.59795	(17122320)
655969.60	4186079.19	43.61756	(17122320)	655977.64	4186102.44	45.02509	(17122320)
655985.68	4186125.70	45.74787	(17122320)	655993.73	4186148.95	45.74243	(17122320)
656001.77	4186172.21	45.00066	(17122320)	656009.81	4186195.46	43.55015	(17122320)
656017.85	4186218.71	43.60438	(17121219)	656025.89	4186241.97	45.47927	(17121219)
656033.94	4186265.22	46.64455	(17121219)	656041.98	4186288.48	47.03547	(17121219)
656050.02	4186311.73	46.62322	(17121219)	656058.06	4186334.99	45.42092	(17121219)
656066.11	4186358.24	47.87780	(14102408)	656074.15	4186381.50	53.26978	(14102408)
656082.19	4186404.75	57.95946	(14102408)	656090.23	4186428.01	61.67288	(14102408)

656098.27 4186451.26 64.16351 (14102408) 656106.32
4186474.51 65.26990 (14102408)
656114.36 4186497.77 64.90782 (14102408) 656122.40
4186521.02 63.09038 (14102408)
656130.44 4186544.28 59.92754 (14102408) 656138.49
4186567.53 55.61850 (14102408)
656146.53 4186590.79 50.97924 (17011509) 656154.57
4186614.04 48.47007 (17011509)
656162.61 4186637.30 45.32853 (17011509) 656170.65
4186660.55 41.69548 (17011509)
656178.70 4186683.81 40.69952 (14042707) 656186.74
4186707.06 42.57164 (14042707)
656194.78 4186730.32 43.84462 (14042707) 656202.82
4186753.57 44.45601 (14042707)
656210.87 4186776.82 44.37724 (14042707) 656218.91
4186800.08 43.60879 (14042707)
656226.95 4186823.33 42.18083 (14042707) 656234.99
4186846.59 40.15899 (14042707)
656243.03 4186869.84 39.73481 (17122619) 656251.08
4186893.10 38.98168 (17122619)
656259.12 4186916.35 37.60179 (17122619) 656267.16
4186939.61 37.97879 (17121906)
656275.20 4186962.86 37.86147 (17121906) 656283.25
4186986.12 37.52427 (17020824)
656291.29 4187009.37 38.69706 (17020824) 656299.33
4187032.62 39.18464 (17020824)
656307.37 4187055.88 38.95988 (17020824) 656315.41
4187079.13 38.03444 (17020824)
656323.46 4187102.39 36.45714 (17020824) 656331.50
4187125.64 34.31320 (17020824)
656339.54 4187148.90 35.08305 (17011303) 656347.58
4187172.15 36.74905 (17011303)
656355.63 4187195.41 37.78387 (17011303) 656363.67
4187218.66 38.13078 (17011303)
656371.71 4187241.92 37.77250 (17011303) 656379.75
4187265.17 36.72972 (17011303)
656387.79 4187288.43 35.67706 (17121319) 656395.84
4187311.68 37.26028 (17121319)
656403.88 4187334.93 38.20830 (17121319) 656411.92
4187358.19 38.47244 (17121319)
656419.96 4187381.44 38.04095 (17121319) 656428.01
4187404.70 36.93919 (17121319)
656436.05 4187427.95 37.38325 (17010504) 656444.09
4187451.21 37.61329 (17010504)
656452.13 4187474.46 37.16734 (17010504) 656460.17
4187497.72 36.07208 (17010504)
656468.22 4187520.97 36.55467 (17122519) 656476.26
4187544.23 37.96293 (17122519)
656484.30 4187567.48 38.79174 (17122519) 656492.34
4187590.74 39.00602 (17122519)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656548.64	4187753.52	42.00050	(15121209)	656556.68	4187776.77	45.51384	(15121209)
656564.72	4187800.03	48.50304	(15121209)	656572.77	4187823.28	51.75760	(16122009)
656580.81	4187846.54	54.28515	(16122009)	656588.85	4187869.79	55.54741	(16122009)
656596.89	4187893.04	55.46955	(16122009)	656604.93	4187916.30	54.06885	(16122009)
656612.98	4187939.55	51.45775	(16122009)	656621.02	4187962.81	48.08069	(15121209)
656629.06	4187986.06	45.09458	(15121209)	656637.10	4188009.32	41.65289	(15121209)
656645.15	4188032.57	37.89854	(15121209)	656653.19	4188055.83	36.12492	(13123017)
653894.48	4185028.63	84.51593	(15041307)	653869.70	4185027.96	77.84677	(15041307)
653844.92	4185027.30	70.58344	(15041307)	653820.14	4185026.64	63.01475	(15041307)
653795.36	4185025.98	55.39045	(15041307)	653770.59	4185025.32	49.86659	(17123009)
653930.19	4184539.07	75.01768	(15041307)	653952.54	4184549.33	79.74203	(15041307)

653974.89 4184559.60 83.81853 (15041307) 653997.25
4184569.86 87.09506 (15041307)
654019.60 4184580.12 89.48356 (15041307) 654041.96
4184590.39 90.84937 (15041307)
654064.31 4184600.65 91.17548 (15041307) 654086.67
4184610.91 90.50954 (15041307)
654109.02 4184621.18 88.73156 (15041307) 654131.37
4184631.44 85.96414 (15041307)
654153.73 4184641.70 82.31080 (15041307) 654176.08
4184651.97 77.85684 (15041307)
654198.44 4184662.23 72.74884 (15041307) 654220.79
4184672.49 67.17256 (15041307)
654243.15 4184682.76 61.27042 (15041307) 654265.50
4184693.02 55.22186 (15041307)
654287.85 4184703.28 49.17360 (15041307) 654310.21
4184713.55 43.26251 (15041307)
654332.56 4184723.81 37.60793 (15041307) 654354.92
4184734.08 36.14145 (17011203)
654377.27 4184744.34 34.64846 (17032503) 654399.63
4184754.60 36.15830 (17013024)
654421.98 4184764.87 38.22077 (17013024) 654444.33
4184775.13 39.83702 (17013024)
654466.69 4184785.39 40.93890 (17013024) 654489.04
4184795.66 41.47654 (17013024)
654511.40 4184805.92 41.42322 (17013024) 654533.75
4184816.18 40.77840 (17013024)
654556.11 4184826.45 40.93269 (17012520) 654578.46
4184836.71 41.95652 (17012520)
654600.82 4184846.97 42.34245 (17012520) 654623.17
4184857.24 42.06907 (17012520)
654645.52 4184867.50 42.13051 (14090107) 654667.88
4184877.76 43.68341 (14090107)
654690.23 4184888.03 44.55042 (14090107) 654712.59
4184898.29 44.68470 (14090107)
654734.94 4184908.56 44.08034 (14090107) 654757.30
4184918.82 42.76423 (14090107)
654779.65 4184929.08 42.45848 (17012804) 654802.00
4184939.35 43.06874 (17012804)
654824.36 4184949.61 44.46481 (13012109) 654846.71
4184959.87 47.42805 (13012109)
654869.07 4184970.14 49.63464 (13012109) 654891.42
4184980.40 50.95953 (13012109)
654913.78 4184990.66 51.32791 (13012109) 654936.13
4185000.93 50.71708 (13012109)
654958.48 4185011.19 49.16075 (13012109) 654980.84
4185021.45 46.74426 (13012109)
655003.19 4185031.72 43.60040 (13012109) 655025.55
4185041.98 40.67973 (17122920)
655047.90 4185052.24 38.97323 (17012903) 655070.26
4185062.51 40.40686 (17012903)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655271.44	4185154.88	41.25162	(17020801)	655293.80	4185165.14	42.35850	(17020801)
655316.15	4185175.41	42.80045	(17020801)	655338.51	4185185.67	42.55764	(17020801)
655360.86	4185195.93	41.64466	(17020801)	655383.22	4185206.20	40.10555	(17020801)
655405.57	4185216.46	38.01513	(17020801)	655427.93	4185226.72	36.01462	(17121708)
655450.28	4185236.99	34.61816	(17121708)	655472.63	4185247.25	35.56997	(17011208)
655494.99	4185257.52	36.42807	(17011208)	655517.34	4185267.78	37.40073	(17120120)
655539.70	4185278.04	38.72364	(17120120)	655562.05	4185288.31	39.47697	(17120120)
655584.41	4185298.57	39.62945	(17120120)	655606.76	4185308.83	39.17747	(17120120)
655629.11	4185319.10	38.14448	(17120120)	655651.47	4185329.36	36.58008	(17120120)
655673.82	4185339.62	35.45466	(17011301)	655696.18	4185349.89	36.35597	(17011508)

655718.53 4185360.15 37.20321 (17011508) 655740.89
4185370.41 37.44644 (17011508)
655763.24 4185380.68 37.07768 (17011508) 655785.59
4185390.94 36.11903 (17011508)
655807.95 4185401.20 34.62038 (17011508) 655830.30
4185411.47 32.65556 (17011508)
655852.66 4185421.73 32.38586 (17012908) 655875.01
4185432.00 34.26653 (17012908)
655897.37 4185442.26 35.76107 (17012908) 655919.72
4185452.52 36.81556 (17012908)
655942.07 4185462.79 37.39229 (17012908) 655964.43
4185473.05 42.05395 (15030608)
655986.78 4185483.31 46.70975 (15030608) 656009.14
4185493.58 51.08604 (15030608)
656031.49 4185503.84 55.01552 (15030608) 656053.85
4185514.10 58.35169 (15030608)
656076.20 4185524.37 60.96049 (15030608) 656098.55
4185534.63 62.73762 (15030608)
656120.91 4185544.89 63.61284 (15030608) 656143.26
4185555.16 63.55539 (15030608)
656165.62 4185565.42 62.56929 (15030608) 656187.97
4185575.68 60.71017 (15030608)
656210.33 4185585.95 58.06609 (15030608) 656232.68
4185596.21 54.75672 (15030608)
656255.04 4185606.48 50.91514 (15030608) 656277.39
4185616.74 46.69419 (15030608)
656307.78 4185650.25 37.88181 (15030608) 656315.82
4185673.50 33.50894 (15030608)
656323.86 4185696.74 29.95134 (17012607) 656331.90
4185719.99 31.96315 (17122320)
656339.94 4185743.24 33.72473 (17122320) 656347.98
4185766.48 35.14151 (17122320)
656356.02 4185789.73 36.15868 (17122320) 656364.06
4185812.98 36.73315 (17122320)
656372.10 4185836.23 36.83822 (17122320) 656380.14
4185859.47 36.46537 (17122320)
656388.18 4185882.72 35.62422 (17122320) 656396.22
4185905.97 34.34311 (17122320)
656404.26 4185929.21 35.10250 (17121219) 656412.30
4185952.46 36.46935 (17121219)
656420.34 4185975.71 37.38068 (17121219) 656428.38
4185998.95 37.79542 (17121219)
656436.42 4186022.20 37.69296 (17121219) 656444.46
4186045.45 37.07343 (17121219)
656452.50 4186068.69 37.15546 (14102408) 656460.54
4186091.94 41.88187 (14102408)
656468.58 4186115.19 46.34739 (14102408) 656476.61
4186138.44 50.35070 (14102408)
656484.65 4186161.68 53.69827 (14102408) 656492.69
4186184.93 56.21898 (14102408)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656581.13	4186440.65	33.61715	(14042707)	656589.17	4186463.89	35.63571	(14042707)
656597.21	4186487.14	37.30554	(14042707)	656605.25	4186510.39	38.56456	(14042707)
656613.29	4186533.63	39.36543	(14042707)	656621.33	4186556.88	39.67517	(14042707)
656629.37	4186580.13	39.48162	(14042707)	656637.41	4186603.37	38.79296	(14042707)
656645.45	4186626.62	37.62893	(14042707)	656653.49	4186649.87	36.03061	(14042707)
656661.53	4186673.12	34.05276	(14042707)	656669.56	4186696.36	31.76432	(14042707)
656677.60	4186719.61	30.97383	(17122619)	656685.64	4186742.86	30.18519	(17121906)
656693.68	4186766.10	30.48518	(17121906)	656701.72	4186789.35	30.42656	(17121906)
656709.76	4186812.60	30.01086	(17121906)	656717.80	4186835.84	30.71686	(17020824)

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        656725.84   4186859.09       31.34972  (17020824)                656733.88
4186882.34       31.52804  (17020824)
        656741.92   4186905.59       31.24383  (17020824)                656749.96
4186928.83       30.50959  (17020824)
        656758.00   4186952.08       29.35686  (17020824)                656766.04
4186975.33       27.83457  (17020824)
        656774.08   4186998.57       27.21771  (17011303)                656782.12
4187021.82       28.68355  (17011303)
        656790.16   4187045.07       29.77742  (17011303)                656798.20
4187068.31       30.45225  (17011303)
        656806.24   4187091.56       30.67943  (17011303)                656814.28
4187114.81       30.44893  (17011303)
        656822.32   4187138.05       29.77235  (17011303)                656830.36
4187161.30       28.67982  (17011303)
        656838.40   4187184.55       29.13842  (17121319)                656846.44
4187207.80       30.17024  (17121319)
        656854.47   4187231.04       30.78188  (17121319)                656862.51
4187254.29       30.94842  (17121319)
        656870.55   4187277.54       30.66400  (17121319)                656878.59
4187300.78       29.94272  (17121319)
        656886.63   4187324.03       29.78160  (17010504)                656894.67
4187347.28       30.21598  (17010504)
        656902.71   4187370.52       30.21252  (17010504)                656910.75
4187393.77       29.77382  (17010504)
        656918.79   4187417.02       28.92016  (17010504)                656926.83
4187440.27       28.96636  (17122519)
        656934.87   4187463.51       30.11895  (17122519)                656942.91
4187486.76       30.91127  (17122519)
        656950.95   4187510.01       31.31430  (17122519)                656958.99
4187533.25       31.31512  (17122519)
        656967.03   4187556.50       30.91589  (17122519)                656975.07
4187579.75       30.13444  (17122519)
        656983.11   4187602.99       29.98578  (17122719)                656991.15
4187626.24       30.29054  (17122719)
        656999.19   4187649.49       30.19860  (17122719)                657007.23
4187672.73       30.56076  (15121209)
        657015.27   4187695.98       33.85155  (15121209)                657023.31
4187719.23       36.98533  (15121209)
        657031.35   4187742.48       39.86151  (15121209)                657039.39
4187765.72       42.38360  (15121209)
        657047.42   4187788.97       44.87144  (16122009)                657055.46
4187812.22       47.34786  (16122009)
        657063.50   4187835.46       48.96636  (16122009)                657071.54
4187858.71       49.64164  (16122009)
        657079.58   4187881.96       49.34131  (16122009)                657087.62
4187905.20       48.09101  (16122009)
        657095.66   4187928.45       45.97190  (16122009)                657103.70
4187951.70       43.14130  (15121209)
        657111.74   4187974.95       40.82127  (15121209)                657119.78
4187998.19       38.15090  (15121209)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
657127.82	4188021.44	35.21928	(15121209)	657135.86	4188044.69	32.12250	(15121209)
657143.90	4188067.93	28.99348	(13123017)	657151.94	4188091.18	29.20933	(13123017)
653907.83	4184528.80	69.86073	(15041307)	653883.05	4184528.14	64.11363	(15041307)
653858.27	4184527.48	58.10247	(15041307)	653833.50	4184526.82	52.00246	(15041307)
653808.72	4184526.16	45.96773	(15041307)	653783.94	4184525.49	40.13967	(15041307)
653943.53	4184039.24	63.58444	(15041307)	653965.88	4184049.51	68.09922	(15041307)
653988.23	4184059.77	72.24224	(15041307)	654010.58	4184070.03	75.92374	(15041307)
654032.93	4184080.29	79.00411	(15041307)	654055.28	4184090.55	81.40898	(15041307)
654077.63	4184100.81	83.08130	(15041307)	654099.98	4184111.07	83.93734	(15041307)
654122.32	4184121.33	83.96246	(15041307)	654144.67	4184131.59	83.16543	(15041307)
654167.02	4184141.85	81.54863	(15041307)	654189.37	4184152.12	79.15410	(15041307)
654211.72	4184162.38	76.01036	(15041307)	654234.07	4184172.64	72.16199	(15041307)
654256.42	4184182.90	67.74346	(15041307)	654278.77	4184193.16	62.93341	(15041307)
654301.12	4184203.42	57.89075	(15041307)	654323.46	4184213.68	52.73104	(15041307)

654345.81 4184223.94 47.55287 (15041307) 654368.16
4184234.20 42.44639 (15041307)
654390.51 4184244.47 37.49819 (15041307) 654412.86
4184254.73 32.79673 (15041307)
654435.21 4184264.99 30.25924 (17011203) 654457.56
4184275.25 29.19079 (17011203)
654479.91 4184285.51 28.71363 (17032503) 654502.26
4184295.77 29.80772 (17013024)
654524.61 4184306.03 31.38881 (17013024) 654546.95
4184316.29 32.67060 (17013024)
654569.30 4184326.55 33.60900 (17013024) 654591.65
4184336.81 34.16928 (17013024)
654614.00 4184347.08 34.32961 (17013024) 654636.35
4184357.34 34.08198 (17013024)
654658.70 4184367.60 33.43362 (17013024) 654681.05
4184377.86 33.92327 (17012520)
654703.40 4184388.12 34.69404 (17012520) 654725.75
4184398.38 35.02752 (17012520)
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654792.79 4184429.16 38.74776 (14090107) 654815.14
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654882.19 4184470.21 39.84142 (14090107) 654904.54
4184480.47 38.73166 (14090107)
654926.89 4184490.73 37.12119 (14090107) 654949.23
4184500.99 35.52772 (17012804)
654971.58 4184511.25 37.96108 (13012109) 654993.93
4184521.51 40.81721 (13012109)
655016.28 4184531.77 43.19134 (13012109) 655038.63
4184542.04 44.97478 (13012109)
655060.98 4184552.30 46.08258 (13012109) 655083.33
4184562.56 46.46072 (13012109)
655105.68 4184572.82 46.08962 (13012109) 655128.03
4184583.08 44.98738 (13012109)
655150.37 4184593.34 43.20646 (13012109) 655172.72
4184603.60 40.82855 (13012109)
655195.07 4184613.86 37.96146 (13012109) 655217.42
4184624.12 34.73044 (13012109)
655239.77 4184634.38 32.02846 (17012903) 655262.12
4184644.65 33.17493 (17012903)
655284.47 4184654.91 33.95350 (17012903) 655306.82
4184665.17 34.33699 (17012903)
655329.17 4184675.43 34.31190 (17012903) 655351.51
4184685.69 33.87982 (17012903)
655373.86 4184695.95 33.05601 (17012903) 655396.21
4184706.21 31.86994 (17012903)
655418.56 4184716.47 30.36283 (17012903) 655440.91
4184726.73 30.19472 (17020801)

655463.26 4184736.99 32.02143 (17020801) 655485.61
4184747.26 33.50654 (17020801)
655507.96 4184757.52 34.59355 (17020801) 655530.31
4184767.78 35.24153 (17020801)
655552.65 4184778.04 35.42601 (17020801) 655575.00
4184788.30 35.14094 (17020801)
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4184808.82 33.22979 (17020801)
655642.05 4184819.08 31.67992 (17020801) 655664.40
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655686.75 4184839.61 29.10226 (17121708) 655709.10
4184849.87 28.60112 (17011208)
655731.45 4184860.13 29.50346 (17011208) 655753.79
4184870.39 30.11407 (17011208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655776.14	4184880.65	30.77954	(17120120)	655798.49	4184890.91	31.84580	(17120120)
655820.84	4184901.17	32.52798	(17120120)	655843.19	4184911.43	32.80220	(17120120)
655865.54	4184921.69	32.66056	(17120120)	655887.89	4184931.95	32.11005	(17120120)
655910.24	4184942.22	31.17345	(17120120)	655932.59	4184952.48	30.01296	(17011301)
655954.93	4184962.74	29.31615	(17011301)	655977.28	4184973.00	29.88977	(17011508)
655999.63	4184983.26	30.64807	(17011508)	656021.98	4184993.52	30.99740	(17011508)
656044.33	4185003.78	30.92600	(17011508)	656066.68	4185014.04	30.43920	(17011508)

656089.03 4185024.30 29.55852 (17011508) 656111.38
4185034.57 28.32077 (17011508)
656133.73 4185044.83 26.77533 (17011508) 656156.07
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656178.42 4185065.35 27.70999 (17012908) 656200.77
4185075.61 28.97774 (17012908)
656223.12 4185085.87 29.96273 (17012908) 656245.47
4185096.13 30.63409 (17012908)
656267.82 4185106.39 33.18603 (15030608) 656290.17
4185116.65 37.13533 (15030608)
656312.52 4185126.91 41.01605 (15030608) 656334.87
4185137.18 44.71968 (15030608)
656357.22 4185147.44 48.13218 (15030608) 656379.56
4185157.70 51.14584 (15030608)
656401.91 4185167.96 53.66384 (15030608) 656424.26
4185178.22 55.60139 (15030608)
656446.61 4185188.48 56.89422 (15030608) 656468.96
4185198.74 57.50109 (15030608)
656491.31 4185209.00 57.40601 (15030608) 656513.66
4185219.26 56.61878 (15030608)
656536.01 4185229.52 55.17401 (15030608) 656558.36
4185239.79 53.12813 (15030608)
656580.70 4185250.05 50.55886 (15030608) 656603.05
4185260.31 47.55403 (15030608)
656625.40 4185270.57 44.21340 (15030608) 656647.75
4185280.83 40.63983 (15030608)
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4185337.57 29.75398 (15030608)
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4185477.02 29.87456 (17122320)
656742.44 4185500.26 30.34137 (17122320) 656750.48
4185523.50 30.48427 (17122320)
656758.51 4185546.75 30.30312 (17122320) 656766.55
4185569.99 29.79824 (17122320)
656774.59 4185593.23 28.98218 (17122320) 656782.63
4185616.47 27.87880 (17122320)
656790.66 4185639.71 29.05281 (17121219) 656798.70
4185662.95 30.09599 (17121219)
656806.74 4185686.19 30.82870 (17121219) 656814.78
4185709.43 31.22466 (17121219)
656822.81 4185732.68 31.26718 (17121219) 656830.85
4185755.92 30.95175 (17121219)
656838.89 4185779.16 30.28701 (17121219) 656846.93
4185802.40 33.42667 (14102408)
656854.97 4185825.64 37.32118 (14102408) 656863.00
4185848.88 41.04965 (14102408)

656871.04 4185872.12 44.47454 (14102408) 656879.08 4185895.37 47.45789 (14102408)
656887.12 4185918.61 49.86634 (14102408) 656895.15 4185941.85 51.59094 (14102408)
656903.19 4185965.09 52.54814 (14102408) 656911.23 4185988.33 52.68750 (14102408)
656919.27 4186011.57 51.99741 (14102408) 656927.30 4186034.81 50.50669 (14102408)
656935.34 4186058.05 48.28030 (14102408) 656943.38 4186081.30 45.41624 (14102408)
656951.42 4186104.54 42.04008 (14102408) 656959.45 4186127.78 38.29640 (14102408)
656967.49 4186151.02 34.33044 (14102408) 656975.53 4186174.26 30.28431 (14102408)
656983.57 4186197.50 28.34786 (17011509) 656991.60 4186220.74 29.94081 (14042707)
↟ *** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 599
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- - - -

657096.09 4186522.88 27.25666 (14042707) 657104.13
4186546.12 25.31643 (17122619)
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4187661.71 30.44019 (15121209)

        657642.65   4188103.29   24.11646 (13123017)   657650.69
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        653871.63   4184027.66   48.41690 (15041307)   653846.85
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4187853.84 2420.70725 (13020306)
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653648.01 4187644.50 919.69092 (17011609) 653443.80
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        653625.19   4187603.66      713.40168  (14012501)                653663.83
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        653404.59   4187729.41      706.77114  (13010906)                653421.67
4187692.36      675.27171  (16020321)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 601
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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652674.02	4187656.14	189.81560	(17123023)	652691.47	4187618.30	197.80139	(17021308)
652708.92	4187580.46	189.37708	(17120203)	652726.37	4187542.62	193.08382	(17021420)
652743.81	4187504.78	190.71523	(17013106)	652761.26	4187466.95	190.19681	(17121504)
652778.71	4187429.11	188.25193	(17120517)	652796.15	4187391.27	174.61881	(17021403)
652813.60	4187353.43	175.19045	(13012105)	652831.05	4187315.59	174.27291	(13010908)
652848.49	4187277.75	172.16824	(13010906)	652865.94	4187239.92	169.28388	(14021223)
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652918.28	4187126.40	161.05342	(14022101)	652935.73	4187088.56	155.13807	(15122802)
652963.94	4187062.27	150.41381	(15122802)	653002.91	4187047.52	158.11766	(15010507)
653041.88	4187032.77	162.37916	(13012423)	653080.85	4187018.03	162.29663	(13123108)
653119.82	4187003.28	163.21477	(17121508)	653158.79	4186988.53	162.86395	(15022608)
653197.76	4186973.78	159.55728	(15021203)	653236.73	4186959.04	174.63166	(17123007)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 604
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4187625.31 92.43993 (17013105)

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        652251.84   4186914.07       87.91383  (13012105)               652269.10
4186876.63       86.63822  (13010908)
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4186801.77       86.28266  (13010906)
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4186652.03       82.29703  (17122821)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 605
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- - - -

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651360.06 4186637.89 53.86903 (17120517) 651377.44
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651394.83 4186562.48 49.84202 (14021108) 651412.22
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651429.60 4186487.07 48.37397 (17123107) 651446.99
4186449.36 48.83930 (17123107)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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651499.15	4186336.24	48.83913	(13010908)	651516.53	4186298.54	48.00004	(13010908)
651533.92	4186260.83	47.99002	(14120608)	651551.30	4186223.13	48.08009	(14120608)
651568.69	4186185.42	47.88829	(13010906)	651586.08	4186147.71	47.47194	(13021704)
651603.46	4186110.01	47.05436	(14021223)	651620.85	4186072.30	46.62645	(15010508)
651638.23	4186034.60	46.40494	(15010508)	651655.62	4185996.89	46.33397	(13013108)
651673.01	4185959.18	45.50916	(17122821)	651690.39	4185921.48	45.19137	(17122317)
651707.78	4185883.77	44.73203	(15021803)	651725.16	4185846.07	44.76736	(15021803)
651742.55	4185808.36	44.65829	(14022101)	651770.66	4185782.16	45.23847	(13122209)
651809.49	4185767.46	49.49304	(13122209)	651848.33	4185752.77	50.36317	(13122209)
651887.16	4185738.07	48.14456	(13120909)	651925.99	4185723.37	50.25424	(13120909)
651964.83	4185708.68	49.54455	(13120909)	652003.66	4185693.98	46.09431	(13120909)
652042.49	4185679.29	46.26898	(15010507)	652081.33	4185664.59	46.79401	(13012423)
652120.16	4185649.89	47.02953	(14021122)	652158.99	4185635.20	46.38197	(14021122)
652197.83	4185620.50	47.02951	(13123108)	652236.66	4185605.81	47.38542	(13123108)
652275.50	4185591.11	47.00187	(17121508)	652314.33	4185576.41	47.39385	(13020306)
652353.16	4185561.72	50.93172	(14011509)	652392.00	4185547.02	63.38669	(14011509)
652430.83	4185532.33	73.69220	(14011509)	652469.66	4185517.63	79.95640	(14011509)
652508.50	4185502.94	80.95310	(14011509)	652547.33	4185488.24	76.42085	(14011509)
652586.16	4185473.54	67.20839	(14011509)	652625.00	4185458.85	55.05801	(14011509)
652663.83	4185444.15	50.30932	(17122918)	652702.66	4185429.46	49.65980	(17122918)
652741.50	4185414.76	46.28425	(17122918)	652780.33	4185400.06	47.29183	(14021105)
652819.16	4185385.37	47.79936	(14021105)	652858.00	4185370.67	47.97236	(13012005)

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4185253.10       50.60545  (14120609)
        653207.50   4185238.41       48.58227  (14120609)                653246.33
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4185164.93       46.18277  (14021106)
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        653673.50   4185062.06       54.05353  (17123009)                653712.34
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        650478.30   4187445.09       40.56655  (17022506)                650495.72
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 608
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650513.15	4187369.52	39.15712	(17013105)	650530.57	4187331.74	41.16183	(17013105)
650547.99	4187293.96	41.40514	(17013105)	650565.41	4187256.18	39.89496	(17013105)
650582.83	4187218.40	42.29356	(14011709)	650600.25	4187180.61	51.60432	(14011709)
650617.67	4187142.83	59.82845	(14011709)	650635.09	4187105.05	65.93820	(14011709)
650652.51	4187067.27	69.12555	(14011709)	650669.93	4187029.49	68.79876	(14011709)
650687.36	4186991.70	64.97320	(14011709)	650704.78	4186953.92	58.23541	(14011709)
650722.20	4186916.14	49.51319	(14011709)	650739.62	4186878.36	43.51213	(17021308)
650757.04	4186840.58	41.61421	(17021308)	650774.46	4186802.79	41.07447	(17120203)
650791.88	4186765.01	42.83401	(17120203)	650809.30	4186727.23	42.62342	(17120203)
650826.72	4186689.45	42.97150	(17021420)	650844.14	4186651.67	42.81285	(17123002)
650861.56	4186613.88	42.76516	(17013106)	650878.99	4186576.10	42.42063	(17013106)
650896.41	4186538.32	41.99686	(17121504)	650913.83	4186500.54	42.93343	(17121504)
650931.25	4186462.76	41.88650	(17121504)	650948.67	4186424.97	42.65205	(17120517)
650966.09	4186387.19	42.90104	(17120517)	650983.51	4186349.41	41.08053	(17120517)
651000.93	4186311.63	39.44710	(14021108)	651018.35	4186273.85	39.01830	(15010907)
651035.77	4186236.06	38.58199	(17021403)	651053.20	4186198.28	39.06383	(17123107)
651070.62	4186160.50	38.63750	(13012103)	651088.04	4186122.72	38.76632	(13012105)
651105.46	4186084.94	39.05658	(13012105)	651122.88	4186047.16	38.95286	(13010908)
651140.30	4186009.37	38.23951	(13010908)	651157.72	4185971.59	38.00670	(14120608)
651175.14	4185933.81	38.53201	(14120608)	651192.56	4185896.03	38.22226	(13010906)
651209.98	4185858.25	37.78730	(13010906)	651227.40	4185820.46	37.76395	(13021704)
651244.83	4185782.68	37.55477	(14021223)	651262.25	4185744.90	37.16093	(15010508)

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4185372.21       44.47888  (13122209)
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        651663.25   4185328.04       44.31759  (13120909)                651702.16
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4185224.96       37.46148  (13123108)
        651974.55   4185210.23       38.21243  (13123108)                652013.46
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4185107.15       70.37544  (14011509)
        652285.84   4185092.43       73.02505  (14011509)                652324.75
4185077.70       71.61864  (14011509)
        652363.66   4185062.98       66.33483  (14011509)                652402.57
4185048.25       58.04363  (14011509)
        652441.49   4185033.53       47.95512  (14011509)                652480.40
4185018.80       40.23920  (17122918)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 609
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                 INCLUDING SOURCE(S):     STCK2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652519.31	4185004.08	40.30085	(17122918)	652558.22	4184989.35	38.55507	(17122918)
652597.13	4184974.62	36.63631	(14021105)	652636.04	4184959.90	38.23748	(14021105)
652674.96	4184945.17	38.29812	(14021105)	652713.87	4184930.45	38.57821	(13012005)
652752.78	4184915.72	38.65241	(16012703)	652791.69	4184901.00	38.19272	(16012703)
652830.60	4184886.27	38.18110	(13020420)	652869.52	4184871.55	38.74795	(14120620)
652908.43	4184856.82	39.23235	(17011302)	652947.34	4184842.09	38.73934	(17011302)
652986.25	4184827.37	38.44728	(15010901)	653025.16	4184812.64	42.52739	(14120609)
653064.07	4184797.92	45.34129	(14120609)	653102.99	4184783.19	44.97628	(14120609)
653141.90	4184768.47	41.80928	(14120609)	653180.81	4184753.74	39.80242	(17011609)
653219.72	4184739.02	41.21310	(17011609)	653258.63	4184724.29	41.22414	(17011609)
653297.54	4184709.56	39.85007	(17011609)	653336.46	4184694.84	37.24479	(17011609)
653375.37	4184680.11	39.00495	(17123010)	653414.28	4184665.39	39.85178	(17123010)
653453.19	4184650.66	38.43290	(17123010)	653492.10	4184635.94	36.58235	(17012904)
653531.01	4184621.21	34.62749	(17012904)	653569.93	4184606.49	35.63389	(17123009)
653608.84	4184591.76	39.67647	(17123009)	653647.75	4184577.03	42.44016	(17123009)
653686.66	4184562.31	43.63917	(17123009)	653725.57	4184547.58	43.16396	(17123009)
650346.74	4187749.33	38.09990	(17011804)	650344.92	4187791.10	39.01274	(17013008)
650343.10	4187832.86	38.79652	(17013008)	649856.84	4187687.76	31.06563	(17011804)
649874.29	4187649.93	30.83419	(17022505)	649891.74	4187612.09	32.01282	(17121807)
649909.18	4187574.25	32.43714	(17121807)	649926.63	4187536.41	32.33974	(17122902)
649944.08	4187498.57	32.40229	(17122902)	649961.53	4187460.73	32.17677	(17121223)

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        649978.97   4187422.90       33.08240  (17022506)               649996.42
4187385.06       33.48494  (17022506)
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4187309.38       30.97906  (17022506)
        650048.76   4187271.54       32.42557  (17013105)               650066.21
4187233.70       33.79522  (17013105)
        650083.65   4187195.87       33.99482  (17013105)               650101.10
4187158.03       32.99058  (17013105)
        650118.55   4187120.19       33.84757  (17012823)               650136.00
4187082.35       40.80169  (14011709)
        650153.44   4187044.51       48.13684  (14011709)               650170.89
4187006.67       54.95623  (14011709)
        650188.34   4186968.84       61.11354  (14011709)               650205.78
4186931.00       62.54141  (14011709)
        650223.23   4186893.16       61.45772  (14011709)               650240.68
4186855.32       59.22165  (14011709)
        650258.12   4186817.48       54.21472  (14011709)               650275.57
4186779.64       47.45399  (14011709)
        650293.02   4186741.81       39.85003  (14011709)               650310.46
4186703.97       35.45017  (17021308)
        650327.91   4186666.13       33.69836  (17021308)               650345.36
4186628.29       33.75093  (17120203)
        650362.81   4186590.45       35.19946  (17120203)               650380.25
4186552.61       35.28407  (17120203)
        650397.70   4186514.78       35.44224  (17021420)               650415.15
4186476.94       35.02195  (17123002)
        650432.59   4186439.10       35.13127  (17123002)               650450.04
4186401.26       35.30424  (17013106)
        650467.49   4186363.42       34.71603  (17013106)               650484.93
4186325.58       34.51243  (17121504)
        650502.38   4186287.75       35.31988  (17121504)               650519.83
4186249.91       34.76321  (17121504)
        650537.28   4186212.07       34.54405  (17120517)               650554.72
4186174.23       35.47734  (17120517)
        650572.17   4186136.39       34.92027  (17120517)               650589.62
4186098.55       33.23178  (14021108)
        650607.06   4186060.72       32.44260  (15010907)               650624.51
4186022.88       32.09067  (15010907)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 610
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
                                  INCLUDING SOURCE(S):     STCK2       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650641.96	4185985.04	31.79572	(17021403)	650659.40	4185947.20	32.14576	(17123107)
650676.85	4185909.36	31.85818	(17123107)	650694.30	4185871.52	31.88538	(13012103)
650711.74	4185833.69	32.16839	(13012105)	650729.19	4185795.85	31.94774	(13012105)
650746.64	4185758.01	31.92436	(13010908)	650764.09	4185720.17	31.39417	(13010908)
650781.53	4185682.33	31.04033	(14120608)	650798.98	4185644.49	31.69239	(14120608)
650816.43	4185606.66	31.27765	(14120608)	650833.87	4185568.82	31.41315	(13010906)
650851.32	4185530.98	31.10331	(13021704)	650868.77	4185493.14	30.95821	(13021704)
650886.21	4185455.30	30.93579	(14021223)	650903.66	4185417.46	30.55480	(15010508)
650921.11	4185379.63	30.68424	(15010508)	650938.56	4185341.79	30.40120	(13013108)
650956.00	4185303.95	30.23517	(13013108)	650973.45	4185266.11	29.84744	(17122821)
650990.90	4185228.27	29.44358	(17122821)	651008.34	4185190.43	29.64131	(17122317)
651025.79	4185152.60	29.46017	(15021803)	651043.24	4185114.76	29.45645	(15021803)
651060.68	4185076.92	29.33430	(14022101)	651088.89	4185050.63	31.70249	(13122209)
651127.86	4185035.88	36.58415	(13122209)	651166.83	4185021.13	39.56344	(13122209)
651205.80	4185006.38	40.67044	(13122209)	651244.77	4184991.64	39.52022	(13122209)
651283.74	4184976.89	39.07529	(13120909)	651322.71	4184962.14	40.32147	(13120909)
651361.68	4184947.39	40.28236	(13120909)	651400.65	4184932.65	38.66232	(13120909)
651439.62	4184917.90	35.59157	(13120909)	651478.59	4184903.15	31.99294	(16010810)
651517.56	4184888.40	30.89841	(13012423)	651556.53	4184873.66	30.86825	(13012423)
651595.50	4184858.91	31.26043	(14021122)	651634.47	4184844.16	30.78805	(14021122)

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        651673.44   4184829.41       30.84662  (14021301)                651712.41
4184814.67       31.50527  (13123108)
        651751.38   4184799.92       31.25520  (13123108)                651790.35
4184785.17       31.17274  (17121508)
        651829.32   4184770.42       31.36499  (13020306)                651868.29
4184755.68       31.27730  (13020306)
        651907.26   4184740.93       39.58004  (14011509)                651946.23
4184726.18       48.06085  (14011509)
        651985.20   4184711.43       55.80572  (14011509)                652024.17
4184696.69       61.83671  (14011509)
        652063.14   4184681.94       65.27271  (14011509)                652102.11
4184667.19       65.64232  (14011509)
        652141.08   4184652.44       63.01328  (14011509)                652180.05
4184637.70       57.68493  (14011509)
        652219.02   4184622.95       50.37142  (14011509)                652257.99
4184608.20       41.96003  (14011509)
        652296.96   4184593.45       33.35040  (14011509)                652335.93
4184578.71       33.40876  (17122918)
        652374.90   4184563.96       32.50596  (17122918)                652413.87
4184549.21       30.43459  (17122918)
        652452.84   4184534.46       30.68460  (14021105)                652491.81
4184519.72       31.60917  (14021105)
        652530.78   4184504.97       31.47059  (14021105)                652569.75
4184490.22       31.81740  (13012005)
        652608.72   4184475.47       31.78272  (16012703)                652647.69
4184460.73       31.71171  (16012703)
        652686.65   4184445.98       31.63420  (13020420)                652725.62
4184431.23       31.79984  (14120620)
        652764.59   4184416.48       31.82207  (14120620)                652803.56
4184401.74       32.47465  (17011302)
        652842.53   4184386.99       31.90592  (17011302)                652881.50
4184372.24       32.52467  (14120609)
        652920.47   4184357.49       37.22838  (14120609)                652959.44
4184342.75       40.09307  (14120609)
        652998.41   4184328.00       40.72063  (14120609)                653037.38
4184313.25       39.08414  (14120609)
        653076.35   4184298.50       35.57601  (14120609)                653115.32
4184283.75       32.95102  (17011609)
        653154.29   4184269.01       33.89525  (17011609)                653193.26
4184254.26       33.87888  (17011609)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 611
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BREATH   ***
```

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653232.23	4184239.51	32.91314	(17011609)	653271.20	4184224.76	31.09281	(17011609)
653310.17	4184210.02	33.99009	(17123010)	653349.14	4184195.27	35.62749	(17123010)
653388.11	4184180.52	35.57974	(17123010)	653427.08	4184165.77	33.88865	(17123010)
653466.05	4184151.03	30.84189	(17123010)	653505.02	4184136.28	28.53601	(17012904)
653543.99	4184121.53	28.20132	(17123009)	653582.96	4184106.78	31.50657	(17123009)
653621.93	4184092.04	34.04102	(17123009)	653660.90	4184077.29	35.58556	(17123009)
653699.87	4184062.54	36.00862	(17123009)	653738.84	4184047.79	35.28597	(17123009)
649847.21	4187727.57	31.16230	(17011804)	649845.39	4187769.33	32.02677	(17013008)
649843.57	4187811.09	31.74336	(17013008)	653669.02	4187987.41	8702.06655	(17111208)
653652.19	4188005.90	6840.32382	(17122609)	653635.37	4188024.39	4985.75343	(17122609)
653617.96	4188041.48	3246.45030	(17121808)	653608.64	4188019.11	4008.61988	(17121007)
653599.33	4187996.73	3867.18961	(17121322)	653631.73	4188060.96	3180.07665	(17020506)
653584.52	4188078.97	1977.26532	(17121324)	653575.63	4188057.61	2490.79453	(17122609)
653566.74	4188036.26	2689.62898	(17121007)	653557.84	4188014.90	2492.88206	(17122608)
653548.95	4187993.54	2511.13955	(17013107)	653598.07	4188097.94	1970.98176	(17122909)
653550.66	4188115.44	1388.15650	(17121324)	653541.34	4188093.07	1448.08827	(17121808)
653532.03	4188070.69	1839.14340	(17122609)	653522.71	4188048.32	1928.69807	(17120707)
653513.40	4188025.94	1796.12540	(17122608)	653504.08	4188003.57	1822.79022	(17121322)
653517.13	4188152.74	1009.87437	(17121324)	653508.08	4188130.98	1032.15957	(17120208)

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        653499.02   4188109.23     1213.24771  (17043004)                653489.96
4188087.47     1419.12388  (17020404)
        653480.91   4188065.72     1475.74256  (17122805)                653471.85
4188043.96     1396.00940  (17123105)
        653462.80   4188022.21     1401.91398  (17120702)                653453.74
4188000.46     1376.17905  (17013107)
        653483.35   4188189.41      781.03935  (17123021)                653474.04
4188167.03      811.38118  (17123024)
        653464.72   4188144.65      863.06712  (17121808)                653455.41
4188122.28     1051.19383  (17043004)
        653446.09   4188099.90     1182.13002  (17020404)                653436.78
4188077.53     1176.24418  (17120707)
        653427.46   4188055.15     1110.45197  (17123105)                653418.15
4188032.78     1109.28698  (17120702)
        653408.83   4188010.40     1109.60240  (17122903)                653399.52
4187988.02     1066.97054  (17011505)
        653449.79   4188226.61      641.13186  (17123021)                653440.66
4188204.68      675.19963  (17121324)
        653431.54   4188182.75      675.86876  (17120208)                653422.41
4188160.82      743.98663  (17043004)
        653413.28   4188138.90      872.72868  (17122609)                653404.15
4188116.97      973.90026  (17020404)
        653395.02   4188095.04      967.68945  (17120707)                653385.89
4188073.11      917.28410  (17011201)
        653376.77   4188051.18      860.78253  (17122608)                653367.64
4188029.26      920.69867  (17121322)
        653358.51   4188007.33      898.86774  (17013107)                653349.38
4187985.40      879.09269  (17011505)
        653382.32   4188300.17      455.91669  (17123021)                653372.86
4188277.43      471.77899  (17121324)
        653363.39   4188254.69      464.53030  (17123024)                653353.93
4188231.96      484.47697  (17120208)
        653344.46   4188209.22      528.35615  (17043004)                653335.00
4188186.48      619.03604  (17043004)
        653325.53   4188163.75      676.67421  (17020404)                653316.07
4188141.01      703.33468  (17121007)
        653306.60   4188118.27      685.70724  (17011201)                653297.14
4188095.54      655.09751  (17123105)
        653287.67   4188072.80      626.42249  (17122608)                653278.21
4188050.06      662.08924  (17120702)
        653268.74   4188027.33      655.18329  (17122903)                653259.28
4188004.59      651.84907  (17013107)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 612
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653249.81	4187981.85	633.22995	(17011505)	653396.16	4188319.82	464.86290	(17122909)
653315.03	4188374.16	345.52916	(17123021)	653305.59	4188351.49	343.82483	(17123024)
653296.16	4188328.82	366.16361	(17121324)	653286.72	4188306.15	356.42058	(15022507)
653277.28	4188283.48	372.52716	(17121808)	653267.84	4188260.81	390.92090	(17120624)
653258.41	4188238.14	466.03853	(17043004)	653248.97	4188215.47	493.22837	(17120905)
653239.53	4188192.80	536.33632	(17020404)	653230.10	4188170.13	539.95978	(17121007)
653220.66	4188147.46	526.46798	(17011201)	653211.22	4188124.79	506.70703	(17011201)
653201.78	4188102.12	496.35821	(17122608)	653192.35	4188079.45	489.04493	(17120702)
653182.91	4188056.78	507.96253	(17121322)	653173.47	4188034.11	506.02936	(17122903)
653164.03	4188011.44	502.66429	(17013107)	653154.60	4187988.77	487.85802	(17011505)
653328.86	4188393.79	353.06069	(17122909)	653247.74	4188448.14	274.62288	(17020406)
653238.32	4188425.52	274.62708	(17123021)	653228.90	4188402.90	289.48410	(17121324)
653219.48	4188380.27	287.30256	(17123024)	653210.06	4188357.65	287.18468	(17120208)
653200.65	4188335.02	299.72981	(17121808)	653191.23	4188312.40	312.49419	(17120624)
653181.81	4188289.77	363.13835	(17043004)	653172.39	4188267.15	383.09508	(17120905)
653162.97	4188244.53	408.55496	(17020404)	653153.55	4188221.90	431.15211	(17020404)
653144.14	4188199.28	430.40040	(17121007)	653134.72	4188176.65	422.37900	(17011201)
653125.30	4188154.03	412.79501	(17011201)	653115.88	4188131.40	400.15404	(17122608)

653106.46 4188108.78 376.32791 (17122608) 653097.05
4188086.16 406.36014 (17120702)
653087.63 4188063.53 411.12662 (17121322) 653078.21
4188040.91 406.36243 (17122903)
653068.79 4188018.28 403.29497 (17013107) 653059.37
4187995.66 386.83589 (17011505)
653049.95 4187973.04 382.86867 (17011505) 653180.44
4188522.12 226.05530 (17020406)
653171.04 4188499.53 228.74649 (17123021) 653161.63
4188476.94 230.81923 (17123024)
653152.23 4188454.35 241.68249 (17121324) 653142.82
4188431.76 231.68492 (15022507)
653133.42 4188409.17 239.91082 (17120208) 653124.01
4188386.58 248.31180 (17121808)
653114.61 4188363.99 257.79125 (17120624) 653105.21
4188341.40 290.50654 (17043004)
653095.80 4188318.80 313.60636 (17043004) 653086.40
4188296.21 327.66409 (17120905)
653076.99 4188273.62 351.69931 (17020404) 653067.59
4188251.03 353.99204 (17121007)
653058.18 4188228.44 356.01094 (17122805) 653048.78
4188205.85 349.10229 (17011201)
653039.38 4188183.26 344.74957 (17011201) 653029.97
4188160.67 334.67090 (17123105)
653020.57 4188138.08 323.03981 (17122608) 653011.16
4188115.49 318.32294 (17120702)
653001.76 4188092.90 337.28838 (17120702) 652992.35
4188070.31 339.81164 (17121322)
652982.95 4188047.72 335.64388 (17122903) 652973.55
4188025.12 332.96819 (17013107)
652964.14 4188002.53 319.40775 (17120922) 652954.74
4187979.94 321.84713 (17011505)
653113.14 4188596.10 190.29391 (17020406) 653103.75
4188573.53 193.64648 (17123021)
653094.35 4188550.96 188.47161 (14121304) 653084.96
4188528.40 202.10823 (17121324)
653075.57 4188505.83 201.56344 (17121324) 653066.17
4188483.27 197.74118 (15022507)
653056.78 4188460.70 204.07364 (17120208) 653047.39
4188438.14 210.36075 (17121808)
653037.99 4188415.57 217.54676 (17120624) 653028.60
4188393.01 237.46113 (17043004)
653019.21 4188370.44 263.13076 (17043004) 653009.81
4188347.88 272.54935 (17120905)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653000.42	4188325.31	281.09221	(17020404)	652991.02	4188302.75	301.93397	(17020404)
652981.63	4188280.18	302.83924	(17121007)	652972.24	4188257.62	300.50062	(17122805)
652962.84	4188235.05	295.02065	(17011201)	652953.45	4188212.49	293.43729	(17011201)
652944.06	4188189.92	283.00301	(17123105)	652934.66	4188167.36	277.91697	(17122608)
652925.27	4188144.79	257.25456	(17122608)	652915.88	4188122.23	280.27495	(17120702)
652906.48	4188099.66	281.80177	(17120702)	652897.09	4188077.10	286.19505	(17121322)
652887.69	4188054.53	283.77439	(17122903)	652878.30	4188031.96	281.41728	(17013107)
652868.91	4188009.40	271.90695	(17120922)	652859.51	4187986.83	273.38763	(17011505)
652850.12	4187964.27	261.57006	(17011505)	653126.95	4188615.67	194.46821	(17122909)
652944.86	4188780.95	132.78249	(17020406)	652935.42	4188758.28	135.30448	(17123021)
652925.99	4188735.61	135.35872	(17123021)	652916.55	4188712.94	132.82950	(17010902)
652907.11	4188690.27	141.42026	(17121324)	652897.67	4188667.60	143.32368	(17121324)
652888.24	4188644.93	137.35191	(17123024)	652878.80	4188622.26	139.61334	(15022507)
652869.36	4188599.59	143.45100	(17120208)	652859.93	4188576.92	145.43036	(17121808)
652850.49	4188554.25	150.70797	(17120624)	652841.05	4188531.58	153.12248	(17120624)
652831.61	4188508.91	168.32541	(17043004)	652822.18	4188486.23	184.50481	(17043004)
652812.74	4188463.56	186.38566	(17043004)	652803.30	4188440.89	196.19476	(17120905)

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        652793.86   4188418.22      202.69096  (17020404)                652784.43
4188395.55      213.66010  (17020404)
        652774.99   4188372.88      211.93249  (17121007)                652765.55
4188350.21      213.56826  (17121007)
        652756.12   4188327.54      212.97362  (17120707)                652746.68
4188304.87      209.39879  (17011201)
        652737.24   4188282.20      208.25449  (17011201)                652727.80
4188259.53      197.02855  (17123105)
        652718.37   4188236.86      198.66938  (17123105)                652708.93
4188214.19      193.92987  (17122608)
        652699.49   4188191.52      180.30329  (17120901)                652690.05
4188168.85      193.72992  (17120702)
        652680.62   4188146.18      201.96215  (17120702)                652671.18
4188123.51      201.74573  (17121322)
        652661.74   4188100.84      201.37611  (17121322)                652652.31
4188078.17      200.87783  (17122903)
        652642.87   4188055.50      196.73494  (17013107)                652633.43
4188032.83      198.10921  (17013107)
        652623.99   4188010.16      190.42643  (17120922)                652614.56
4187987.49      193.34063  (17011505)
        652605.12   4187964.82      187.51106  (17011505)                652776.59
4188965.81       99.73255  (17022406)
        652767.12   4188943.08      101.59417  (17020406)                652757.66
4188920.34      102.95925  (17123021)
        652748.19   4188897.60      100.88107  (17123021)                652738.73
4188874.87      100.43849  (17010902)
        652729.26   4188852.13      106.27001  (17121324)                652719.80
4188829.40      108.57547  (17121324)
        652710.33   4188806.66      105.91181  (17121324)                652700.87
4188783.92      103.93418  (15022507)
        652691.40   4188761.19      105.31638  (15022507)                652681.94
4188738.45      108.18906  (17120208)
        652672.47   4188715.71      108.90469  (17120208)                652663.01
4188692.98      113.22000  (17121808)
        652653.54   4188670.24      115.59652  (17120624)                652644.08
4188647.50      114.75195  (17120624)
        652634.61   4188624.77      127.55282  (17043004)                652625.15
4188602.03      138.72550  (17043004)
        652615.68   4188579.29      141.86567  (17043004)                652606.22
4188556.56      146.65963  (17120905)
        652596.75   4188533.82      147.80147  (17120905)                652587.29
4188511.08      155.27491  (17020404)
        652577.82   4188488.35      161.87552  (17020404)                652568.36
4188465.61      159.14745  (17020404)
        652558.89   4188442.87      162.98249  (17121007)                652549.43
4188420.14      161.39808  (17122805)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652539.96	4188397.40	160.88278	(17120707)	652530.50	4188374.67	158.96987	(17011201)
652521.03	4188351.93	158.11507	(17011201)	652511.57	4188329.19	148.53670	(17011201)
652502.10	4188306.46	151.82836	(17123105)	652492.64	4188283.72	149.19139	(17122608)
652483.17	4188260.98	144.82027	(17122608)	652473.71	4188238.25	135.75743	(17120901)
652464.24	4188215.51	143.84959	(17013104)	652454.78	4188192.77	152.20145	(17120702)
652445.31	4188170.04	151.42896	(17120702)	652435.85	4188147.30	153.75913	(17121322)
652426.38	4188124.56	151.73205	(17121322)	652416.92	4188101.83	152.15127	(17122903)
652407.45	4188079.09	149.09142	(17122903)	652397.99	4188056.35	150.99711	(17013107)
652388.52	4188033.62	147.51543	(17013107)	652379.06	4188010.88	143.15539	(17122521)
652369.59	4187988.14	146.46279	(17011505)	652360.13	4187965.41	143.18874	(17011505)
652350.67	4187942.67	133.45833	(17011505)	652608.36	4189150.80	79.17684	(17022406)
652598.96	4189128.22	80.23663	(17020406)	652589.57	4189105.64	81.02558	(17123021)
652580.17	4189083.06	81.27706	(17123021)	652570.77	4189060.49	79.52577	(14121304)
652561.37	4189037.91	79.39220	(17010902)	652551.97	4189015.33	83.44957	(17121324)
652542.57	4188992.76	85.81090	(17121324)	652533.17	4188970.18	85.14170	(17121324)
652523.77	4188947.60	81.75354	(17123024)	652514.38	4188925.02	82.72579	(15022507)

652504.98 4188902.45 83.21855 (15022507) 652495.58
4188879.87 85.24519 (17120208)
652486.18 4188857.29 86.25791 (17120208) 652476.78
4188834.72 88.28369 (17121808)
652467.38 4188812.14 90.09009 (17121808) 652457.98
4188789.56 91.73428 (17120624)
652448.59 4188766.98 90.34234 (17120624) 652439.19
4188744.41 99.30006 (17043004)
652429.79 4188721.83 108.17129 (17043004) 652420.39
4188699.25 112.33824 (17043004)
652410.99 4188676.68 111.63379 (17120905) 652401.59
4188654.10 117.53518 (17120905)
652392.19 4188631.52 116.56157 (17120905) 652382.80
4188608.94 122.31259 (17020404)
652373.40 4188586.37 127.86885 (17020404) 652364.00
4188563.79 127.71993 (17020404)
652354.60 4188541.21 128.39329 (17121007) 652345.20
4188518.64 128.62911 (17121007)
652335.80 4188496.06 128.58477 (16012009) 652326.40
4188473.48 134.28771 (16012009)
652317.00 4188450.90 135.04280 (16012009) 652307.61
4188428.33 130.78978 (16012009)
652298.21 4188405.75 122.01941 (16012009) 652288.81
4188383.17 118.21011 (17123105)
652279.41 4188360.59 120.37059 (17123105) 652270.01
4188338.02 118.15014 (17122608)
652260.61 4188315.44 115.19959 (17122608) 652251.21
4188292.86 109.82810 (17120901)
652241.82 4188270.29 111.02431 (17013104) 652232.42
4188247.71 116.87576 (17120702)
652223.02 4188225.13 121.31043 (17120702) 652213.62
4188202.55 119.71544 (17120702)
652204.22 4188179.98 121.65692 (17121322) 652194.82
4188157.40 121.24228 (17121322)
652185.42 4188134.82 119.53666 (17122903) 652176.02
4188112.25 120.50977 (17122903)
652166.63 4188089.67 117.38936 (17013107) 652157.23
4188067.09 119.75403 (17013107)
652147.83 4188044.51 117.14234 (17013107) 652138.43
4188021.94 114.17307 (17120922)
652129.03 4187999.36 115.52196 (17011505) 652119.63
4187976.78 115.60283 (17011505)
652110.23 4187954.21 111.39762 (17011505) 652100.84
4187931.63 106.05583 (17013008)
652622.17 4189170.37 81.00880 (17022406) 652440.09
4189335.67 64.89837 (17022406)
652430.67 4189313.03 65.33518 (17020406) 652421.24
4189290.39 65.72469 (17020406)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH   ***
                                INCLUDING SOURCE(S):   STCK2   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652129.10 4188588.62 110.62207 (16012009) 652119.68 4188565.98 117.59694 (16012009)
652110.25 4188543.34 121.18607 (16012009) 652100.83 4188520.71 121.07131 (16012009)
652091.41 4188498.07 117.27765 (16012009) 652081.98 4188475.43 110.16438 (16012009)
652072.56 4188452.79 100.37654 (16012009) 652063.14 4188430.16 98.61647 (17123105)
652053.71 4188407.52 97.60717 (17123105) 652044.29 4188384.88 96.30122 (17122608)
652034.86 4188362.24 93.18748 (17122608) 652025.44 4188339.60 89.46465 (17120901)
652016.02 4188316.97 90.16394 (17013104) 652006.59 4188294.33 94.05615 (17013104)
651997.17 4188271.69 98.64263 (17120702) 651987.74 4188249.05 99.35991 (17120702)
651978.32 4188226.42 97.63233 (17121322) 651968.90 4188203.78 99.93366 (17121322)
651959.47 4188181.14 98.90815 (17121322) 651950.05 4188158.50 97.81846 (17122903)
651940.62 4188135.86 98.90814 (17122903) 651931.20 4188113.23 96.41376 (17122903)
651921.78 4188090.59 97.78482 (17013107) 651912.35 4188067.95 97.59339 (17013107)
651902.93 4188045.31 94.96767 (17120922) 651893.51 4188022.67 93.02743 (17122521)
651884.08 4188000.04 94.68729 (17011505) 651874.66 4187977.40 94.78539 (17011505)
651865.23 4187954.76 91.98148 (17011505) 651855.81 4187932.12 86.59069 (17011505)
652103.56 4189705.43 46.63523 (17022406) 652094.10 4189682.71 46.28555 (17020406)
652084.64 4189659.99 47.10701 (17020406) 652075.18 4189637.27 47.16659 (17123021)
652065.72 4189614.55 47.79662 (17123021) 652056.26 4189591.83 47.47874 (17123021)
652046.80 4189569.11 46.58728 (14121304) 652037.35 4189546.39 46.13512 (14121304)
652027.89 4189523.66 46.52338 (17010902) 652018.43 4189500.94 48.30431 (17121324)
652008.97 4189478.22 49.86678 (17121324) 651999.51 4189455.50 50.41282 (17121324)
651990.05 4189432.78 49.89311 (17121324) 651980.60 4189410.06 48.32650 (17121324)
651971.14 4189387.34 47.49813 (14042106) 651961.68 4189364.62 48.36430 (15022507)
651952.22 4189341.90 48.80132 (15022507) 651942.76 4189319.18 48.92752 (15021501)
651933.30 4189296.46 49.78964 (17120208) 651923.84 4189273.73 50.40682 (17120208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651914.39	4189251.01	50.12812	(17120208)	651904.93	4189228.29	51.84522	(17121808)
651895.47	4189205.57	52.81875	(17121808)	651886.01	4189182.85	53.35645	(17120624)
651876.55	4189160.13	53.78629	(17120624)	651867.09	4189137.41	53.03921	(17120624)
651857.63	4189114.69	52.83705	(17043004)	651848.18	4189091.97	58.32022	(17043004)
651838.72	4189069.25	62.59392	(17043004)	651829.26	4189046.53	65.31116	(17043004)
651819.80	4189023.80	66.23852	(17043004)	651810.34	4189001.08	65.28842	(17043004)
651800.88	4188978.36	68.35702	(17120905)	651791.43	4188955.64	69.65653	(17120905)
651781.97	4188932.92	68.41444	(17120905)	651772.51	4188910.20	68.88610	(17020404)
651763.05	4188887.48	72.77039	(17020404)	651753.59	4188864.76	74.90408	(17020404)
651744.13	4188842.04	75.02794	(17020404)	651734.67	4188819.32	73.15252	(17020404)
651725.22	4188796.60	75.37392	(17121007)	651715.76	4188773.87	82.38305	(16012009)
651706.30	4188751.15	89.32610	(16012009)	651696.84	4188728.43	94.62726	(16012009)
651687.38	4188705.71	98.00590	(16012009)	651677.92	4188682.99	99.31149	(16012009)
651668.47	4188660.27	98.42361	(16012009)	651659.01	4188637.55	95.42058	(16012009)

651649.55 4188614.83 90.46752 (16012009) 651640.09
4188592.11 83.91358 (16012009)
651630.63 4188569.39 76.16187 (16012009) 651621.17
4188546.67 70.64264 (17123105)
651611.71 4188523.94 69.92980 (17123105) 651602.26
4188501.22 68.97906 (17122608)
651592.80 4188478.50 67.73530 (17122608) 651583.34
4188455.78 66.07266 (17120901)
651573.88 4188433.06 63.35995 (17120901) 651564.42
4188410.34 63.49091 (17013104)
651554.96 4188387.62 66.68283 (17013104) 651545.51
4188364.90 68.84042 (17120702)
651536.05 4188342.18 71.05881 (17120702) 651526.59
4188319.46 71.18000 (17120702)
651517.13 4188296.74 69.20883 (17120702) 651507.67
4188274.01 71.08675 (17121322)
651498.21 4188251.29 71.49218 (17121322) 651488.75
4188228.57 70.17482 (17121322)
651479.30 4188205.85 69.79608 (17122903) 651469.84
4188183.13 70.78407 (17122903)
651460.38 4188160.41 69.93470 (17122903) 651450.92
4188137.69 68.47682 (17013107)
651441.46 4188114.97 70.01506 (17013107) 651432.00
4188092.25 69.82083 (17013107)
651422.55 4188069.53 67.96275 (17120922) 651413.09
4188046.81 67.27706 (17120922)
651403.63 4188024.08 66.55945 (17122521) 651394.17
4188001.36 67.72828 (17011505)
651384.71 4187978.64 67.83286 (17011505) 651375.25
4187955.92 66.43485 (17011505)
651365.79 4187933.20 63.66211 (17011505) 651356.34
4187910.48 61.19972 (17013008)
652117.39 4189725.08 47.39866 (17022406) 651767.05
4190075.27 35.63652 (17022406)
651757.62 4190052.61 34.86573 (17020406) 651748.18
4190029.95 35.69633 (17020406)
651738.75 4190007.29 36.00927 (17020406) 651729.32
4189984.63 36.06670 (17123021)
651719.89 4189961.97 36.47145 (17123021) 651710.45
4189939.31 36.32680 (17123021)
651701.02 4189916.65 35.63216 (17123021) 651691.59
4189893.99 35.42594 (14121304)
651682.15 4189871.33 35.13811 (13012107) 651672.72
4189848.67 35.39459 (17010902)
651663.29 4189826.01 36.47499 (17121324) 651653.85
4189803.35 37.68709 (17121324)
651644.42 4189780.69 38.32581 (17121324) 651634.99
4189758.03 38.35436 (17121324)
651625.56 4189735.37 37.76667 (17121324) 651616.12
4189712.71 36.59277 (17121324)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651587.82	4189644.74	38.52565	(15110108)	651578.39	4189622.08	38.43936	(15110108)
651568.96	4189599.42	37.26676	(15021501)	651559.53	4189576.76	37.73677	(17120208)
651550.09	4189554.10	38.26558	(17120208)	651540.66	4189531.44	38.27801	(17120208)
651531.23	4189508.78	38.48817	(17121808)	651521.79	4189486.12	39.73110	(17121808)
651512.36	4189463.46	40.29587	(17121808)	651502.93	4189440.80	40.51698	(17120624)
651493.49	4189418.14	40.99131	(17120624)	651484.06	4189395.48	40.78364	(17120624)
651474.63	4189372.82	39.90027	(17120624)	651465.20	4189350.16	40.04258	(17043004)
651455.76	4189327.50	43.77082	(17043004)	651446.33	4189304.84	46.83805	(17043004)
651436.90	4189282.18	49.05663	(17043004)	651427.46	4189259.52	50.28764	(17043004)
651418.03	4189236.86	50.44686	(17043004)	651408.60	4189214.20	49.52061	(17043004)
651399.17	4189191.54	51.86959	(17120905)	651389.73	4189168.88	53.04084	(17120905)
651380.30	4189146.22	52.79838	(17120905)	651370.87	4189123.57	51.80639	(17121402)
651361.43	4189100.91	52.91070	(17020404)	651352.00	4189078.25	55.51479	(17020404)

651342.57 4189055.59 57.06601 (17020404) 651333.13 4189032.93 57.47815 (17020404)
651323.70 4189010.27 56.71831 (17020404) 651314.27 4188987.61 56.46394 (17121007)
651304.84 4188964.95 62.71732 (16012009) 651295.40 4188942.29 68.93006 (16012009)
651285.97 4188919.63 74.50325 (16012009) 651276.54 4188896.97 79.20112 (16012009)
651267.10 4188874.31 82.83064 (16012009) 651257.67 4188851.65 85.16299 (16012009)
651248.24 4188828.99 85.98660 (16012009) 651238.81 4188806.33 85.28346 (16012009)
651229.37 4188783.67 83.18784 (16012009) 651219.94 4188761.01 79.93240 (16012009)
651210.51 4188738.35 75.35484 (16012009) 651201.07 4188715.69 69.61798 (16012009)
651191.64 4188693.03 63.42265 (16012009) 651182.21 4188670.37 56.87040 (16012009)
651172.77 4188647.71 53.90255 (17123105) 651163.34 4188625.05 52.64937 (17122608)
651153.91 4188602.40 52.44520 (17122608) 651144.48 4188579.74 51.34125 (17122608)
651135.04 4188557.08 50.59876 (17120901) 651125.61 4188534.42 48.87880 (17120901)
651116.18 4188511.76 46.65730 (17013104) 651106.74 4188489.10 49.54464 (17013104)
651097.31 4188466.44 51.28687 (17013104) 651087.88 4188443.78 52.57559 (17120702)
651078.45 4188421.12 54.18442 (17120702) 651069.01 4188398.46 54.57388 (17120702)
651059.58 4188375.80 53.75721 (17120702) 651050.15 4188353.14 53.23018 (17121322)
651040.71 4188330.48 54.38008 (17121322) 651031.28 4188307.82 54.54329 (17121322)
651021.85 4188285.16 53.72642 (17121322) 651012.42 4188262.50 52.79563 (17011121)
651002.98 4188239.84 53.84569 (17122903) 650993.55 4188217.18 54.09111 (17122903)
650984.12 4188194.52 53.23991 (17122903) 650974.68 4188171.86 52.06502 (17013107)
650965.25 4188149.20 53.35077 (17013107) 650955.82 4188126.54 53.64286 (17013107)
650946.38 4188103.89 52.91401 (17013107) 650936.95 4188081.23 52.03314 (17120922)
650927.52 4188058.57 51.36818 (17120922) 650918.09 4188035.91 50.94886 (17122521)
650908.65 4188013.25 51.44240 (17011505) 650899.22 4187990.59 51.95388 (17011505)
650889.79 4187967.93 51.61902 (17011505) 650880.35 4187945.27 50.43153 (17011505)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651430.52	4190445.04	28.34378	(17022406)	651421.06	4190422.33	27.76473	(17022406)
651411.61	4190399.61	28.11067	(17020406)	651402.15	4190376.90	28.53677	(17020406)
651392.70	4190354.19	28.62454	(17020406)	651383.24	4190331.47	28.72442	(17123021)
651373.78	4190308.76	28.99980	(17123021)	651364.33	4190286.04	28.92847	(17123021)
651354.87	4190263.33	28.50573	(17123021)	651345.42	4190240.61	28.21840	(14121304)
651335.96	4190217.90	28.01420	(14121304)	651326.51	4190195.18	27.99021	(13012107)
651317.05	4190172.47	28.11671	(17010902)	651307.59	4190149.75	28.84215	(17121324)
651298.14	4190127.04	29.79679	(17121324)	651288.68	4190104.32	30.39590	(17121324)
651279.23	4190081.61	30.61202	(17121324)	651269.77	4190058.90	30.43343	(17121324)
651260.31	4190036.18	29.86257	(17121324)	651250.86	4190013.47	28.91955	(17121324)
651241.40	4189990.75	30.94722	(15110108)	651231.95	4189968.04	32.85451	(15110108)
651222.49	4189945.32	34.02812	(15110108)	651213.04	4189922.61	34.37966	(15110108)

651203.58 4189899.89 33.87111 (15110108) 651194.12 4189877.18 32.52608 (15110108)
651184.67 4189854.46 30.43558 (15110108) 651175.21 4189831.75 30.35967 (17120208)
651165.76 4189809.03 30.42618 (17120208) 651156.30 4189786.32 30.16123 (17120208)
651146.84 4189763.61 31.06371 (17121808) 651137.39 4189740.89 31.78932 (17121808)
651127.93 4189718.18 32.06440 (17121808) 651118.48 4189695.46 32.18478 (17120624)
651109.02 4189672.75 32.56686 (17120624) 651099.57 4189650.03 32.49480 (17120624)
651090.11 4189627.32 31.99991 (17120624) 651080.65 4189604.60 31.10421 (17120624)
651071.20 4189581.89 32.08759 (17043004) 651061.74 4189559.17 34.72824 (17043004)
651052.29 4189536.46 36.98428 (17043004) 651042.83 4189513.74 38.69246 (17043004)
651033.37 4189491.03 39.80675 (17043004) 651023.92 4189468.31 40.26771 (17043004)
651014.46 4189445.60 39.97716 (17043004) 651005.01 4189422.89 39.70467 (17120905)
650995.55 4189400.17 41.44662 (17120905) 650986.09 4189377.46 42.32598 (17120905)
650976.64 4189354.74 42.28887 (17120905) 650967.18 4189332.03 41.33783 (17120905)
650957.73 4189309.31 41.19768 (17121402) 650948.27 4189286.60 42.73819 (17020404)
650938.82 4189263.88 44.45065 (17020404) 650929.36 4189241.17 45.56764 (17020404)
650919.90 4189218.45 45.87138 (17020404) 650910.45 4189195.74 45.38859 (17020404)
650900.99 4189173.02 45.29305 (16012009) 650891.54 4189150.31 50.74118 (16012009)
650882.08 4189127.60 55.95350 (16012009) 650872.62 4189104.88 61.16614 (16012009)
650863.17 4189082.17 64.28533 (16012009) 650853.71 4189059.45 68.20295 (16012009)
650844.26 4189036.74 71.52164 (16012009) 650834.80 4189014.02 74.29716 (16012009)
650825.35 4188991.31 75.55961 (16012009) 650815.89 4188968.59 75.85576 (16012009)
650806.43 4188945.88 75.10241 (16012009) 650796.98 4188923.16 73.20900 (16012009)
650787.52 4188900.45 70.17862 (16012009) 650778.07 4188877.73 66.06018 (16012009)
650768.61 4188855.02 61.85473 (16012009) 650759.15 4188832.31 57.54931 (16012009)
650749.70 4188809.59 52.67708 (16012009) 650740.24 4188786.88 47.43400 (16012009)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650674.05	4188627.87	38.83126	(17120901)	650664.60	4188605.16	36.90431	(17013104)
650655.14	4188582.44	39.14091	(17013104)	650645.68	4188559.73	40.66844	(17013104)
650636.23	4188537.02	41.40483	(17013104)	650626.77	4188514.30	42.48448	(17120702)
650617.32	4188491.59	43.35853	(17120702)	650607.86	4188468.87	43.47664	(17120702)
650598.40	4188446.16	42.85262	(17120702)	650588.95	4188423.44	42.05787	(17123008)
650579.49	4188400.73	43.02534	(17121322)	650570.04	4188378.01	43.51824	(17121322)
650560.58	4188355.30	43.35565	(17121322)	650551.13	4188332.58	42.56636	(17121322)
650541.67	4188309.87	42.06929	(17011121)	650532.21	4188287.15	42.92179	(17122903)
650522.76	4188264.44	43.23216	(17122903)	650513.30	4188241.72	42.85172	(17122903)
650503.85	4188219.01	41.80268	(17122903)	650494.39	4188196.30	41.86020	(17013107)
650484.93	4188173.58	42.64611	(17013107)	650475.48	4188150.87	42.79376	(17013107)

650466.02 4188128.15 42.28117 (17013107) 650456.57
4188105.44 41.50847 (17120922)
650447.11 4188082.72 41.29046 (17120922) 650437.65
4188060.01 40.55048 (17122521)
650428.20 4188037.29 40.64956 (17122521) 650418.74
4188014.58 41.11235 (17011505)
650409.29 4187991.86 41.48748 (17011505) 650399.83
4187969.15 41.27508 (17011505)
650390.38 4187946.43 40.45129 (17011505) 650380.92
4187923.72 39.15670 (17011505)
650371.46 4187901.01 37.38150 (17011505) 650362.01
4187878.29 36.91436 (17013008)
650352.55 4187855.58 38.09901 (17013008) 651094.01
4190814.87 23.28077 (17022406)
651084.57 4190792.20 22.87136 (17022406) 651075.14
4190769.53 22.84077 (17020406)
651065.70 4190746.86 23.27940 (17020406) 651056.26
4190724.19 23.49604 (17020406)
651046.82 4190701.52 23.48268 (17020406) 651037.39
4190678.85 23.61166 (17123021)
651027.95 4190656.18 23.81319 (17123021) 651018.51
4190633.51 23.78021 (17123021)
651009.08 4190610.84 23.50931 (17123021) 650999.64
4190588.17 23.13546 (14121304)
650990.20 4190565.50 23.14455 (13010510) 650980.76
4190542.83 23.54138 (13010510)
650971.33 4190520.16 23.65594 (13010510) 650961.89
4190497.49 23.47974 (13010510)
650952.45 4190474.82 23.47171 (17121324) 650943.01
4190452.15 24.24596 (17121324)
650933.58 4190429.48 24.78776 (17121324) 650924.14
4190406.81 25.07834 (17121324)
650914.70 4190384.14 25.10534 (17121324) 650905.27
4190361.47 24.86547 (17121324)
650895.83 4190338.80 24.36520 (17121324) 650886.39
4190316.13 25.13330 (15110108)
650876.95 4190293.46 27.27352 (15110108) 650867.52
4190270.79 29.00997 (15110108)
650858.08 4190248.12 30.24198 (15110108) 650848.64
4190225.45 30.89941 (15110108)
650839.20 4190202.78 30.92471 (15110108) 650829.77
4190180.11 30.31186 (15110108)
650820.33 4190157.44 29.09578 (15110108) 650810.89
4190134.77 27.34190 (15110108)
650801.46 4190112.10 25.15282 (15110108) 650792.02
4190089.43 24.93746 (17120208)
650782.58 4190066.76 24.82832 (17120208) 650773.14
4190044.09 24.89398 (17121808)
650763.71 4190021.42 25.66449 (17121808) 650754.27
4189998.75 26.15551 (17121808)

650744.83 4189976.08 26.34800 (17121808) 650735.39
4189953.41 26.32551 (17120624)
650725.96 4189930.74 26.67575 (17120624) 650716.52
4189908.07 26.73747 (17120624)
650707.08 4189885.40 26.50310 (17120624) 650697.65
4189862.73 25.98819 (17120624)
650688.21 4189840.06 25.45542 (17012718) 650678.77
4189817.39 26.11583 (17043004)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650669.33	4189794.72	28.13092	(17043004)	650659.90	4189772.05	29.87681	(17043004)
650650.46	4189749.38	31.29409	(17043004)	650641.02	4189726.71	32.32654	(17043004)
650631.58	4189704.04	32.88725	(17043004)	650622.15	4189681.37	32.93775	(17043004)
650612.71	4189658.70	32.60083	(17043004)	650603.27	4189636.03	32.59627	(17120905)
650593.83	4189613.36	33.91689	(17120905)	650584.40	4189590.69	34.68922	(17120905)
650574.96	4189568.02	34.84745	(17120905)	650565.52	4189545.35	34.34981	(17120905)
650556.09	4189522.68	33.72853	(17121402)	650546.65	4189500.01	33.61467	(17121402)
650537.21	4189477.34	35.01944	(17020404)	650527.77	4189454.67	36.32926	(17020404)
650518.34	4189432.00	37.17775	(17020404)	650508.90	4189409.33	37.53853	(17020404)
650499.46	4189386.66	37.39665	(17020404)	650490.02	4189363.99	36.75346	(17020404)

650480.59 4189341.32 39.81921 (16012009) 650471.15
4189318.65 44.07991 (16012009)
650461.71 4189295.98 48.27443 (16012009) 650452.28
4189273.31 52.27763 (16012009)
650442.84 4189250.64 55.98605 (16012009) 650433.40
4189227.97 59.39275 (16012009)
650423.96 4189205.30 62.11648 (16012009) 650414.53
4189182.63 64.28332 (16012009)
650405.09 4189159.96 65.80172 (16012009) 650395.65
4189137.29 66.59682 (16012009)
650386.21 4189114.62 66.64278 (16012009) 650376.78
4189091.95 65.96559 (16012009)
650367.34 4189069.28 64.57151 (16012009) 650357.90
4189046.61 62.49211 (16012009)
650348.47 4189023.94 59.82213 (16012009) 650339.03
4189001.27 56.63809 (16012009)
650329.59 4188978.60 53.04572 (16012009) 650320.15
4188955.93 49.13649 (16012009)
650310.72 4188933.26 45.02661 (16012009) 650301.28
4188910.59 40.82067 (16012009)
650291.84 4188887.92 36.75277 (16012009) 650282.40
4188865.25 34.90144 (17123105)
650272.97 4188842.58 34.30486 (17122608) 650263.53
4188819.91 34.13896 (17122608)
650254.09 4188797.24 33.60383 (17122608) 650244.66
4188774.57 33.44429 (17120901)
650235.22 4188751.90 32.96310 (17120901) 650225.78
4188729.23 31.94224 (17120901)
650216.34 4188706.56 30.43397 (17120901) 650206.91
4188683.89 30.96382 (17013104)
650197.47 4188661.22 32.44679 (17013104) 650188.03
4188638.55 33.44985 (17013104)
650178.59 4188615.88 33.91397 (17013104) 650169.16
4188593.21 34.72498 (17120702)
650159.72 4188570.54 35.51978 (17120702) 650150.28
4188547.87 35.77994 (17120702)
650140.85 4188525.20 35.49873 (17120702) 650131.41
4188502.53 34.70242 (17120702)
650121.97 4188479.86 34.69412 (17121322) 650112.53
4188457.19 35.40990 (17121322)
650103.10 4188434.52 35.69524 (17121322) 650093.66
4188411.85 35.55124 (17121322)
650084.22 4188389.18 35.00261 (17121322) 650074.78
4188366.51 34.51505 (17011121)
650065.35 4188343.84 34.89476 (17122903) 650055.91
4188321.17 35.37782 (17122903)
650046.47 4188298.50 35.39577 (17122903) 650037.03
4188275.83 34.99584 (17122903)
650027.60 4188253.16 34.12007 (17122903) 650018.16
4188230.49 34.10523 (17013107)

650008.72 4188207.82 34.79439 (17013107) 649999.29
4188185.15 35.05866 (17013107)
649989.85 4188162.48 34.89104 (17013107) 649980.41
4188139.81 34.33799 (17013107)
649970.97 4188117.14 34.10806 (17120922) 649961.54
4188094.47 33.85078 (17120922)
649952.10 4188071.80 33.30324 (17122521) 649942.66
4188049.13 33.42082 (17122521)
649933.22 4188026.46 33.52854 (17011505) 649923.79
4188003.79 33.95683 (17011505)
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 621
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653690.13	4187328.38	449.91026	(17122820)	653710.13	4187328.38	477.40606	(17123009)
653730.13	4187328.38	541.23609	(17123009)	653750.13	4187328.38	518.50034	(17123009)
653770.13	4187328.38	473.44620	(17011719)	653790.13	4187328.38	443.12311	(15011509)
653810.13	4187328.38	453.40615	(17120822)	653830.13	4187328.38	498.73315	(17122917)
653850.13	4187328.38	480.08634	(17122917)	653870.13	4187328.38	433.66122	(17013024)
653890.13	4187328.38	472.85840	(17013024)	653910.13	4187328.38	469.30125	(17012520)
653930.13	4187328.38	455.86624	(17012520)	653950.13	4187328.38	457.91426	(17122319)
653970.13	4187328.38	457.64516	(17012804)	653990.13	4187328.38	455.85154	(17122518)
654010.13	4187328.38	446.48903	(17122920)	654030.13	4187328.38	412.20401	(17012903)
654050.13	4187328.38	417.03879	(17012903)	654070.13	4187328.38	380.96777	(17012903)
654090.13	4187328.38	409.19832	(17020801)	654110.13	4187328.38	406.96804	(17020801)
654130.13	4187328.38	365.96751	(17020801)	654150.13	4187328.38	340.57211	(17011208)
654170.13	4187328.38	361.02679	(17120120)	654190.13	4187328.38	354.90516	(17120120)
654210.13	4187328.38	321.14956	(17120120)	654230.13	4187328.38	329.66002	(17011508)
654250.13	4187328.38	312.84886	(17011508)	654270.13	4187328.38	292.45220	(17012908)
654290.13	4187328.38	312.25365	(17012908)	654310.13			

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4187328.38      313.14694  (17012908)
        654330.13   4187328.38      296.09692  (17012908)               654350.13
4187328.38      279.12577  (17120121)
        654370.13   4187328.38      264.34275  (17120121)               654390.13
4187328.38      236.58100  (17013019)
        654410.13   4187328.38      243.74916  (17013019)               654430.13
4187328.38      236.87856  (17013019)
        654450.13   4187328.38      221.42284  (15021508)               654470.13
4187328.38      235.86103  (17122320)
        654490.13   4187328.38      249.07500  (17122320)               653690.13
4187348.38      472.08023  (17122820)
        653710.13   4187348.38      495.32013  (17123009)               653730.13
4187348.38      564.51153  (17123009)
        653750.13   4187348.38      539.80772  (17123009)               653770.13
4187348.38      490.87865  (17011719)
        653790.13   4187348.38      459.42321  (15011509)               653810.13
4187348.38      476.24487  (17122917)
        653830.13   4187348.38      522.46736  (17122917)               653850.13
4187348.38      489.93022  (17122917)
        653870.13   4187348.38      467.54773  (17013024)               653890.13
4187348.38      493.28628  (17013024)
        653910.13   4187348.38      492.86175  (17012520)               653930.13
4187348.38      458.24700  (17012520)
        653950.13   4187348.38      476.52652  (17122319)               653970.13
4187348.38      466.10626  (17012804)
        653990.13   4187348.38      470.29054  (17122518)               654010.13
4187348.38      451.59262  (17122920)
        654030.13   4187348.38      438.48675  (17012903)               654050.13
4187348.38      421.21397  (17012903)
        654070.13   4187348.38      414.03628  (17020801)               654090.13
4187348.38      431.26465  (17020801)
        654110.13   4187348.38      403.39546  (17020801)               654130.13
4187348.38      350.11535  (17011208)
        654150.13   4187348.38      372.27689  (17120120)               654170.13
4187348.38      375.79372  (17120120)
        654190.13   4187348.38      347.37536  (17120120)               654210.13
4187348.38      344.41959  (17011508)
        654230.13   4187348.38      332.33656  (17011508)               654250.13
4187348.38      301.07495  (17012908)
        654270.13   4187348.38      324.73592  (17012908)               654290.13
4187348.38      327.88613  (17012908)
        654310.13   4187348.38      311.20632  (17012908)               654330.13
4187348.38      291.75908  (17120121)
        654350.13   4187348.38      276.34582  (17120121)               654370.13
4187348.38      247.81707  (17013019)
        654390.13   4187348.38      254.59807  (17013019)               654410.13
4187348.38      246.12948  (17013019)
        654430.13   4187348.38      230.88718  (17012607)               654450.13
4187348.38      249.74963  (17122320)
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                           INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654210.13 4187368.38 352.56961 (17011508) 654230.13
4187368.38 317.32558 (17011508)
654250.13 4187368.38 337.79157 (17012908) 654270.13
4187368.38 343.63140 (17012908)
654290.13 4187368.38 327.52249 (17012908) 654310.13
4187368.38 305.37906 (17120121)
654330.13 4187368.38 289.30302 (17120121) 654350.13
4187368.38 259.94306 (17013019)
654370.13 4187368.38 266.22490 (17013019) 654390.13
4187368.38 255.91377 (17013019)
654410.13 4187368.38 243.24455 (17122320) 654430.13
4187368.38 264.58564 (17122320)
654450.13 4187368.38 275.51947 (17122320) 654470.13
4187368.38 275.44350 (17122320)
654490.13 4187368.38 265.06732 (17122320) 653690.13
4187388.38 520.67003 (17122820)
653710.13 4187388.38 534.56132 (17123009) 653730.13
4187388.38 616.61887 (17123009)
653750.13 4187388.38 587.22805 (17123009) 653770.13
4187388.38 528.58669 (17011719)
653790.13 4187388.38 496.76202 (17120822) 653810.13
4187388.38 542.99671 (17122917)
653830.13 4187388.38 569.01415 (17122917) 653850.13
4187388.38 503.42902 (17011203)
653870.13 4187388.38 534.41146 (17013024) 653890.13
4187388.38 530.35769 (17012520)
653910.13 4187388.38 525.33730 (17012520) 653930.13
4187388.38 522.52263 (17122319)
653950.13 4187388.38 519.53741 (17012804) 653970.13
4187388.38 518.52549 (17122518)
653990.13 4187388.38 499.79026 (17122920) 654010.13
4187388.38 479.66390 (17012903)
654030.13 4187388.38 460.64423 (17012903) 654050.13
4187388.38 457.90141 (17020801)
654070.13 4187388.38 470.29499 (17020801) 654090.13
4187388.38 429.80263 (17020801)
654110.13 4187388.38 389.57124 (17011208) 654130.13
4187388.38 413.58940 (17120120)
654150.13 4187388.38 402.04403 (17120120) 654170.13
4187388.38 372.17643 (17011508)
654190.13 4187388.38 373.39432 (17011508) 654210.13
4187388.38 341.17754 (17011508)
654230.13 4187388.38 351.42101 (17012908) 654250.13
4187388.38 360.46643 (17012908)
654270.13 4187388.38 345.17713 (17012908) 654290.13
4187388.38 320.09692 (17120121)
654310.13 4187388.38 303.32518 (17120121) 654330.13
4187388.38 273.06235 (17013019)
654350.13 4187388.38 278.70663 (17013019) 654370.13
4187388.38 266.26655 (17013019)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654430.13	4187388.38	289.71612	(17122320)	654450.13	4187388.38	286.95602	(17122320)
654470.13	4187388.38	273.26705	(17122320)	654490.13	4187388.38	258.56367	(17121219)
653690.13	4187408.38	547.28370	(17122820)	653710.13	4187408.38	556.14029	(17123009)
653730.13	4187408.38	645.81468	(17123009)	653750.13	4187408.38	613.65957	(17123009)
653770.13	4187408.38	548.96884	(17011719)	653790.13	4187408.38	526.64536	(17120822)
653810.13	4187408.38	578.93340	(17122917)	653830.13	4187408.38	591.01537	(17122917)
653850.13	4187408.38	515.20418	(17011203)	653870.13	4187408.38	565.53617	(17013024)
653890.13	4187408.38	563.64328	(17012520)	653910.13	4187408.38	531.39959	(17012520)
653930.13	4187408.38	545.91232	(17012804)	653950.13	4187408.38	538.44594	(17122518)
653970.13	4187408.38	538.69362	(17122920)	653990.13	4187408.38	496.77189	(17122920)
654010.13	4187408.38	500.28896	(17012903)	654030.13	4187408.38	455.58926	(17020801)
654050.13	4187408.38	494.71445	(17020801)	654070.13	4187408.38	473.82948	(17020801)
654090.13	4187408.38	404.11908	(17121708)	654110.13			

4187408.38 428.82554 (17120120)
654130.13 4187408.38 429.45950 (17120120) 654150.13
4187408.38 389.02284 (17120120)
654170.13 4187408.38 394.59186 (17011508) 654190.13
4187408.38 366.68774 (17011508)
654210.13 4187408.38 365.61299 (17012908) 654230.13
4187408.38 378.47782 (17012908)
654250.13 4187408.38 364.31904 (17012908) 654270.13
4187408.38 336.03872 (17120121)
654290.13 4187408.38 318.53957 (17120121) 654310.13
4187408.38 287.28893 (17013019)
654330.13 4187408.38 292.12980 (17013019) 654350.13
4187408.38 277.22766 (17013019)
654370.13 4187408.38 277.01048 (17122320) 654390.13
4187408.38 297.33755 (17122320)
654410.13 4187408.38 304.55038 (17122320) 654430.13
4187408.38 298.62971 (17122320)
654450.13 4187408.38 281.18543 (17122320) 654470.13
4187408.38 274.81723 (17121219)
654490.13 4187408.38 278.23036 (17121219) 653690.13
4187428.38 575.52384 (17122820)
653710.13 4187428.38 579.14027 (17123009) 653730.13
4187428.38 677.48169 (17123009)
653750.13 4187428.38 642.12507 (17123009) 653770.13
4187428.38 570.39871 (17011719)
653790.13 4187428.38 558.53108 (17120822) 653810.13
4187428.38 616.38622 (17122917)
653830.13 4187428.38 611.47916 (17122917) 653850.13
4187428.38 555.76170 (17013024)
653870.13 4187428.38 593.54803 (17013024) 653890.13
4187428.38 591.96400 (17012520)
653910.13 4187428.38 565.67349 (17122319) 653930.13
4187428.38 576.96628 (17012804)
653950.13 4187428.38 572.40307 (17122518) 653970.13
4187428.38 555.86818 (17122920)
653990.13 4187428.38 527.88197 (17012903) 654010.13
4187428.38 506.80229 (17012903)
654030.13 4187428.38 509.10600 (17020801) 654050.13
4187428.38 514.16527 (17020801)
654070.13 4187428.38 457.19226 (17020801) 654090.13
4187428.38 440.24393 (17120120)
654110.13 4187428.38 455.92256 (17120120) 654130.13
4187428.38 424.00306 (17120120)
654150.13 4187428.38 415.85452 (17011508) 654170.13
4187428.38 393.84899 (17011508)
654190.13 4187428.38 380.34365 (17012908) 654210.13
4187428.38 397.75752 (17012908)
654230.13 4187428.38 385.12053 (17012908) 654250.13
4187428.38 353.35518 (17120121)
654270.13 4187428.38 335.09657 (17120121) 654290.13

4187428.38 302.75708 (17013019)
  654310.13 4187428.38 306.59036 (17013019) 654330.13
4187428.38 288.83290 (17013019)
  654350.13 4187428.38 296.04957 (17122320) 654370.13
4187428.38 315.36460 (17122320)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654390.13	4187428.38	319.99674	(17122320)	654410.13	4187428.38	310.37119	(17122320)
654430.13	4187428.38	288.68958	(17122320)	654450.13	4187428.38	291.47283	(17121219)
654470.13	4187428.38	291.30996	(17121219)	654490.13	4187428.38	281.04370	(17121219)
653690.13	4187448.38	605.49050	(17122820)	653710.13	4187448.38	603.75750	(17123009)
653730.13	4187448.38	711.84232	(17123009)	653750.13	4187448.38	672.88570	(17123009)
653770.13	4187448.38	598.41282	(15011509)	653790.13	4187448.38	592.39920	(17120822)
653810.13	4187448.38	655.10244	(17122917)	653830.13	4187448.38	629.76293	(17122917)
653850.13	4187448.38	602.92519	(17013024)	653870.13	4187448.38	617.00207	(17013024)
653890.13	4187448.38	613.30238	(17012520)	653910.13	4187448.38	604.30694	(17122319)
653930.13	4187448.38	596.08907	(17012804)	653950.13	4187448.38	594.59587	(17122920)
653970.13	4187448.38	557.42171	(17122920)	653990.13	4187448.38	553.25329	(17012903)

654010.13 4187448.38 510.36549 (17020801) 654030.13
4187448.38 547.37506 (17020801)
654050.13 4187448.38 511.60696 (17020801) 654070.13
4187448.38 451.93084 (17011208)
654090.13 4187448.38 480.38357 (17120120) 654110.13
4187448.38 460.25240 (17120120)
654130.13 4187448.38 436.76700 (17011508) 654150.13
4187448.38 422.59418 (17011508)
654170.13 4187448.38 395.56555 (17012908) 654190.13
4187448.38 418.40375 (17012908)
654210.13 4187448.38 407.77574 (17012908) 654230.13
4187448.38 372.21534 (17120121)
654250.13 4187448.38 353.16801 (17120121) 654270.13
4187448.38 319.62328 (17013019)
654290.13 4187448.38 322.20168 (17013019) 654310.13
4187448.38 301.12339 (17013019)
654330.13 4187448.38 316.70562 (17122320) 654350.13
4187448.38 334.55681 (17122320)
654370.13 4187448.38 336.01189 (17122320) 654390.13
4187448.38 322.06175 (17122320)
654410.13 4187448.38 300.88155 (17121219) 654430.13
4187448.38 308.35860 (17121219)
654450.13 4187448.38 303.91925 (17121219) 654470.13
4187448.38 288.89811 (17121219)
654490.13 4187448.38 285.29837 (17121320) 653690.13
4187468.38 637.28581 (17122820)
653710.13 4187468.38 630.11011 (17123009) 653730.13
4187468.38 749.22677 (17123009)
653750.13 4187468.38 706.25280 (17123009) 653770.13
4187468.38 630.61440 (15011509)
653790.13 4187468.38 628.36778 (17120822) 653810.13
4187468.38 694.67374 (17122917)
653830.13 4187468.38 645.11554 (17122917) 653850.13
4187468.38 649.52196 (17013024)
653870.13 4187468.38 650.77795 (17012520) 653890.13
4187468.38 625.43782 (17012520)
653910.13 4187468.38 636.72479 (17012804) 653930.13
4187468.38 632.14143 (17122518)
653950.13 4187468.38 621.52539 (17122920) 653970.13
4187468.38 584.92176 (17012903)
653990.13 4187468.38 561.52920 (17012903) 654010.13
4187468.38 569.40578 (17020801)
654030.13 4187468.38 563.39930 (17020801) 654050.13
4187468.38 484.88471 (17020801)
654070.13 4187468.38 501.49234 (17120120) 654090.13
4187468.38 497.03247 (17120120)
654110.13 4187468.38 456.78021 (17011508) 654130.13
4187468.38 452.77432 (17011508)
654150.13 4187468.38 411.20657 (17012908) 654170.13
4187468.38 440.51341 (17012908)

654190.13 4187468.38 432.50681 (17012908) 654210.13
4187468.38 392.81799 (17120121)
654230.13 4187468.38 372.95931 (17120121) 654250.13
4187468.38 338.06995 (17013019)
654270.13 4187468.38 339.08677 (17013019) 654290.13
4187468.38 314.13861 (17013019)
654310.13 4187468.38 339.12615 (17122320) 654330.13
4187468.38 354.95607 (17122320)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654350.13	4187468.38	352.52219	(17122320)	654370.13	4187468.38	333.54840	(17122320)
654390.13	4187468.38	321.83192	(17121219)	654410.13	4187468.38	325.24015	(17121219)
654430.13	4187468.38	315.75944	(17121219)	654450.13	4187468.38	300.94480	(17121320)
654470.13	4187468.38	298.97345	(17121320)	654490.13	4187468.38	287.03154	(17121320)
653690.13	4187488.38	670.89437	(17122820)	653710.13	4187488.38	658.31631	(17123009)
653730.13	4187488.38	790.12535	(17123009)	653750.13	4187488.38	742.40011	(17123009)
653770.13	4187488.38	665.22957	(15011509)	653790.13	4187488.38	666.38937	(17120822)
653810.13	4187488.38	734.65367	(17122917)	653830.13	4187488.38	656.67617	(17122917)
653850.13	4187488.38	693.99131	(17013024)	653870.13	4187488.38	693.05906	(17012520)
653890.13	4187488.38	660.82277	(17122319)	653910.13			

4187488.38 672.98247 (17012804)
653930.13 4187488.38 666.34161 (17122518) 653950.13
4187488.38 629.97906 (17122920)
653970.13 4187488.38 616.53177 (17012903) 653990.13
4187488.38 576.07830 (17020801)
654010.13 4187488.38 608.39048 (17020801) 654030.13
4187488.38 552.16408 (17020801)
654050.13 4187488.38 517.62104 (17120120) 654070.13
4187488.38 533.24048 (17120120)
654090.13 4187488.38 484.61860 (17120120) 654110.13
4187488.38 484.12770 (17011508)
654130.13 4187488.38 436.79859 (17011508) 654150.13
4187488.38 464.18473 (17012908)
654170.13 4187488.38 459.57018 (17012908) 654190.13
4187488.38 417.60911 (17012908)
654210.13 4187488.38 394.70919 (17120121) 654230.13
4187488.38 358.30912 (17013019)
654250.13 4187488.38 357.38688 (17013019) 654270.13
4187488.38 330.57643 (17122320)
654290.13 4187488.38 363.46557 (17122320) 654310.13
4187488.38 376.58256 (17122320)
654330.13 4187488.38 369.42787 (17122320) 654350.13
4187488.38 344.64906 (17122320)
654370.13 4187488.38 343.43595 (17121219) 654390.13
4187488.38 341.82010 (17121219)
654410.13 4187488.38 326.47389 (17121219) 654430.13
4187488.38 318.87605 (17121320)
654450.13 4187488.38 311.22345 (17121320) 654470.13
4187488.38 303.74246 (17011509)
654490.13 4187488.38 314.39180 (17011509) 653690.13
4187508.38 706.41426 (17122820)
653710.13 4187508.38 688.64506 (17123009) 653730.13
4187508.38 834.90349 (17123009)
653750.13 4187508.38 781.81611 (17123009) 653770.13
4187508.38 702.45811 (15011509)
653790.13 4187508.38 717.47923 (17122917) 653810.13
4187508.38 774.25807 (17122917)
653830.13 4187508.38 675.70954 (17013024) 653850.13
4187508.38 734.21986 (17013024)
653870.13 4187508.38 727.11786 (17012520) 653890.13
4187508.38 710.42533 (17122319)
653910.13 4187508.38 697.35694 (17122518) 653930.13
4187508.38 698.83650 (17122920)
653950.13 4187508.38 653.22889 (17012903) 653970.13
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4187508.38 618.79514 (17020801)
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4187508.38 567.36792 (17120120)
654070.13 4187508.38 533.35865 (17120120) 654090.13

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4187508.38   357.72363 (17121219)
        654390.13   4187508.38   337.41782 (17121320)   654410.13
4187508.38   335.76253 (17121320)
        654430.13   4187508.38   321.49067 (17121320)   654450.13
4187508.38   330.26372 (17011509)
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4187508.38   333.51218 (17011509)
        653690.13   4187528.38   745.40499 (17011609)   653710.13
4187528.38   725.47256 (17012904)
        653730.13   4187528.38   884.15973 (17123009)   653750.13
4187528.38   824.80562 (17123009)
        653770.13   4187528.38   742.50814 (15011509)   653790.13
4187528.38   779.37548 (17122917)

653810.13 4187528.38 812.54308 (17122917) 653830.13 4187528.38 744.55391 (17013024)
653850.13 4187528.38 767.80290 (17013024) 653870.13 4187528.38 749.43544 (17012520)
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653930.13 4187528.38 717.66232 (17122920) 653950.13 4187528.38 693.20303 (17012903)
653970.13 4187528.38 655.76180 (17020801) 653990.13 4187528.38 679.48819 (17020801)
654010.13 4187528.38 594.97791 (17020801) 654030.13 4187528.38 597.54685 (17120120)
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654130.13 4187528.38 521.91237 (17012908) 654150.13 4187528.38 478.02542 (17012908)
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654290.13 4187528.38 403.78213 (17122320) 654310.13 4187528.38 384.39720 (17121219)
654330.13 4187528.38 387.49991 (17121219) 654350.13 4187528.38 372.48478 (17121219)
654370.13 4187528.38 359.79266 (17121320) 654390.13 4187528.38 350.95563 (17121320)
654410.13 4187528.38 345.99154 (17011509) 654430.13 4187528.38 356.63113 (17011509)
654450.13 4187528.38 356.93707 (17011509) 654470.13 4187528.38 347.70419 (17011509)
654490.13 4187528.38 330.39121 (17011509) 653690.13 4187548.38 807.17016 (17011609)
653710.13 4187548.38 773.72949 (17012904) 653730.13 4187548.38 938.46621 (17123009)
653750.13 4187548.38 871.82347 (17123009) 653770.13 4187548.38 785.49572 (15011509)
653790.13 4187548.38 845.59641 (17122917) 653810.13 4187548.38 848.41618 (17122917)
653830.13 4187548.38 813.95167 (17013024) 653850.13 4187548.38 823.28124 (17012520)
653870.13 4187548.38 786.76957 (17122319) 653890.13 4187548.38 798.09935 (17012804)
653910.13 4187548.38 790.31311 (17122920) 653930.13 4187548.38 736.11447 (17012903)
653950.13 4187548.38 707.00929 (17012903) 653970.13 4187548.38 727.33681 (17020801)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653990.13	4187548.38	680.54669	(17020801)	654010.13	4187548.38	621.21433	(17120120)
654030.13	4187548.38	635.12865	(17120120)	654050.13	4187548.38	579.94098	(17011508)
654070.13	4187548.38	564.55430	(17011508)	654090.13	4187548.38	545.40327	(17012908)
654110.13	4187548.38	557.91413	(17012908)	654130.13	4187548.38	513.57026	(17012908)
654150.13	4187548.38	474.86779	(17120121)	654170.13	4187548.38	432.52994	(17013019)
654190.13	4187548.38	422.48955	(17013019)	654210.13	4187548.38	420.93631	(17122320)
654230.13	4187548.38	449.61482	(17122320)	654250.13	4187548.38	448.62945	(17122320)
654270.13	4187548.38	420.76461	(17122320)	654290.13	4187548.38	413.41223	(17121219)
654310.13	4187548.38	409.13913	(17121219)	654330.13	4187548.38	385.53612	(17121219)
654350.13	4187548.38	381.03154	(17121320)	654370.13	4187548.38	363.69421	(17121320)
654390.13	4187548.38	377.49640	(17011509)	654410.13	4187548.38	381.99913	(17011509)
654430.13	4187548.38	375.20723	(17011509)	654450.13	4187548.38	358.61673	(17011509)
654470.13	4187548.38	334.30637	(17011509)	654490.13	4187548.38	304.60211	(17011509)
653690.13	4187568.38	874.43514	(17011609)	653710.13			

4187568.38 829.72290 (17122820)
653730.13 4187568.38 998.65848 (17123009) 653750.13
4187568.38 923.39599 (17123009)
653770.13 4187568.38 831.75123 (15011509) 653790.13
4187568.38 916.03896 (17122917)
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4187568.38 881.15166 (17013024)
653850.13 4187568.38 878.23977 (17012520) 653870.13
4187568.38 852.58369 (17122319)
653890.13 4187568.38 847.59398 (17122518) 653910.13
4187568.38 825.00712 (17122920)
653930.13 4187568.38 787.63846 (17012903) 653950.13
4187568.38 753.94788 (17020801)
653970.13 4187568.38 762.51886 (17020801) 653990.13
4187568.38 643.65241 (17011208)
654010.13 4187568.38 684.61657 (17120120) 654030.13
4187568.38 626.93117 (17120120)
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4187568.38 576.03521 (17012908)
654090.13 4187568.38 597.71041 (17012908) 654110.13
4187568.38 553.46667 (17012908)
654130.13 4187568.38 507.94949 (17120121) 654150.13
4187568.38 462.96819 (17013019)
654170.13 4187568.38 448.28537 (17013019) 654190.13
4187568.38 457.93932 (17122320)
654210.13 4187568.38 483.23035 (17122320) 654230.13
4187568.38 474.74275 (17122320)
654250.13 4187568.38 437.18154 (17122320) 654270.13
4187568.38 443.15808 (17121219)
654290.13 4187568.38 429.74883 (17121219) 654310.13
4187568.38 410.53811 (17121320)
654330.13 4187568.38 400.24794 (17121320) 654350.13
4187568.38 398.56299 (17011509)
654370.13 4187568.38 408.60639 (17011509) 654390.13
4187568.38 405.29948 (17011509)
654410.13 4187568.38 390.09796 (17011509) 654430.13
4187568.38 365.30382 (17011509)
654450.13 4187568.38 333.64125 (17011509) 654470.13
4187568.38 297.86702 (17011509)
654490.13 4187568.38 260.48135 (17011509) 653690.13
4187588.38 947.54002 (17011609)
653710.13 4187588.38 894.34757 (17122820) 653730.13
4187588.38 1065.32975 (17123009)
653750.13 4187588.38 980.23562 (17123009) 653770.13
4187588.38 881.22537 (15011509)
653790.13 4187588.38 989.99600 (17122917) 653810.13
4187588.38 906.11834 (17122917)
653830.13 4187588.38 942.57138 (17013024) 653850.13
4187588.38 918.31047 (17012520)
653870.13 4187588.38 915.77714 (17012804) 653890.13

4187588.38   903.48589 (17122518)
        653910.13   4187588.38   838.30976 (17012903)   653930.13
4187588.38   805.92052 (17012903)
        653950.13   4187588.38   831.78611 (17020801)   653970.13
4187588.38   748.68672 (17020801)
        653990.13   4187588.38   729.53728 (17120120)   654010.13
4187588.38   699.00828 (17120120)
        654030.13   4187588.38   665.21329 (17011508)   654050.13
4187588.38   608.40507 (17012908)
        654070.13   4187588.38   641.81082 (17012908)   654090.13
4187588.38   598.47797 (17012908)
        654110.13   4187588.38   545.14590 (17120121)   654130.13
4187588.38   497.04590 (17013019)
        654150.13   4187588.38   476.55060 (17013019)   654170.13
4187588.38   499.13952 (17122320)
        654190.13   4187588.38   519.51116 (17122320)   654210.13
4187588.38   501.57919 (17122320)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654430.13 4187588.38 327.76391 (17011509) 654450.13 4187588.38 286.33454 (17011509)
654470.13 4187588.38 249.08776 (17012523) 654490.13 4187588.38 231.31746 (17012523)
653690.13 4187608.38 1026.42111 (17011609) 653710.13 4187608.38 965.93872 (17122820)
653730.13 4187608.38 1139.53959 (17123009) 653750.13 4187608.38 1042.62360 (17123009)
653770.13 4187608.38 951.65055 (17120822) 653790.13 4187608.38 1066.64279 (17122917)
653810.13 4187608.38 951.75391 (17013024) 653830.13 4187608.38 993.88683 (17012520)
653850.13 4187608.38 959.00135 (17122319) 653870.13 4187608.38 965.65621 (17012804)
653890.13 4187608.38 957.73162 (17122920) 653910.13 4187608.38 906.11909 (17012903)
653930.13 4187608.38 876.62221 (17020801) 653950.13 4187608.38 859.58978 (17020801)
653970.13 4187608.38 765.61909 (17120120) 653990.13 4187608.38 774.07380 (17120120)
654010.13 4187608.38 718.54168 (17011508) 654030.13 4187608.38 655.85009 (17011508)
654050.13 4187608.38 690.78754 (17012908) 654070.13 4187608.38 649.53529 (17012908)
654090.13 4187608.38 587.21891 (17120121) 654110.13 4187608.38 535.38921 (17013019)
654130.13 4187608.38 507.58538 (17013019) 654150.13 4187608.38 545.06682 (17122320)
654170.13 4187608.38 558.51842 (17122320) 654190.13 4187608.38 528.77899 (17122320)
654210.13 4187608.38 511.71549 (17121219) 654230.13 4187608.38 502.37908 (17121219)
654250.13 4187608.38 474.80372 (17121320) 654270.13 4187608.38 462.71959 (17121320)
654290.13 4187608.38 465.32285 (17011509) 654310.13 4187608.38 473.67252 (17011509)
654330.13 4187608.38 464.47124 (17011509) 654350.13 4187608.38 440.32953 (17011509)
654370.13 4187608.38 404.91952 (17011509) 654390.13 4187608.38 362.27430 (17011509)
654410.13 4187608.38 316.20157 (17011509) 654430.13 4187608.38 269.92209 (17011509)
654450.13 4187608.38 249.81684 (17012523) 654470.13 4187608.38 249.72646 (17122619)
654490.13 4187608.38 254.23384 (17122619) 653690.13 4187628.38 1112.11542 (17011609)
653710.13 4187628.38 1046.15935 (17122820) 653730.13 4187628.38 1223.60488 (17123009)
653750.13 4187628.38 1112.06033 (17123009) 653770.13 4187628.38 1035.27016 (17120822)

653790.13 4187628.38 1144.07215 (17122917) 653810.13
4187628.38 1061.86611 (17013024)
653830.13 4187628.38 1083.98056 (17012520) 653850.13
4187628.38 1049.45277 (17122319)
653870.13 4187628.38 1049.89977 (17122620) 653890.13
4187628.38 973.40556 (17122920)
653910.13 4187628.38 930.91605 (17012903) 653930.13
4187628.38 959.88789 (17020801)
653950.13 4187628.38 822.24412 (17020801) 653970.13
4187628.38 849.02971 (17120120)
653990.13 4187628.38 771.96020 (17011508) 654010.13
4187628.38 730.29355 (17011508)
654030.13 4187628.38 745.28772 (17012908) 654050.13
4187628.38 707.79981 (17012908)
654070.13 4187628.38 635.11790 (17120121) 654090.13
4187628.38 578.77441 (17013019)
654110.13 4187628.38 541.72872 (17013019) 654130.13
4187628.38 596.30339 (17122320)
654150.13 4187628.38 600.22116 (17122320) 654170.13
4187628.38 555.81956 (17122320)
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 630
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

4187628.38 448.92983 (17011509)
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4187628.38 350.96959 (17011509)
654390.13 4187628.38 298.74775 (17011509) 654410.13
4187628.38 270.95893 (17012523)
654430.13 4187628.38 271.70936 (17122619) 654450.13
4187628.38 275.92176 (17122619)
654470.13 4187628.38 274.78971 (17122619) 654490.13
4187628.38 268.85337 (17122619)
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4187648.38 1135.04855 (17122820)
653730.13 4187648.38 1318.62234 (17123009) 653750.13
4187648.38 1190.45314 (17011719)
653770.13 4187648.38 1127.74049 (17120822) 653790.13
4187648.38 1220.25599 (17122917)
653810.13 4187648.38 1170.51613 (17013024) 653830.13
4187648.38 1155.49249 (17012520)
653850.13 4187648.38 1139.48103 (17012804) 653870.13
4187648.38 1123.45618 (17122920)
653890.13 4187648.38 1058.18522 (17012903) 653910.13
4187648.38 1033.08130 (17020801)
653930.13 4187648.38 972.72084 (17020801) 653950.13
4187648.38 919.05432 (17120120)
653970.13 4187648.38 855.67354 (17120120) 653990.13
4187648.38 812.90489 (17011508)
654010.13 4187648.38 806.02074 (17012908) 654030.13
4187648.38 774.72342 (17012908)
654050.13 4187648.38 690.04950 (17120121) 654070.13
4187648.38 628.15893 (17013019)
654090.13 4187648.38 599.81076 (17122320) 654110.13
4187648.38 653.47067 (17122320)
654130.13 4187648.38 644.45003 (17122320) 654150.13
4187648.38 596.94439 (17121219)
654170.13 4187648.38 596.52978 (17121219) 654190.13
4187648.38 558.28241 (17121320)
654210.13 4187648.38 543.99362 (17121320) 654230.13
4187648.38 552.21131 (17011509)
654250.13 4187648.38 556.79374 (17011509) 654270.13
4187648.38 537.84762 (17011509)
654290.13 4187648.38 500.06258 (17011509) 654310.13
4187648.38 449.37512 (17011509)
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4187648.38 332.49977 (17011509)
654370.13 4187648.38 295.31274 (17012523) 654390.13
4187648.38 297.02262 (17122619)
654410.13 4187648.38 300.74286 (17122619) 654430.13
4187648.38 298.20130 (17122619)
654450.13 4187648.38 290.13576 (17122619) 654470.13
4187648.38 277.49558 (17122619)
654490.13 4187648.38 261.32303 (17122619) 653690.13

4187668.38   1297.38592 (17011609)
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4187668.38   1423.75317 (17123009)
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4187668.38   1256.77614 (17122917)
        653790.13   4187668.38   1292.90238 (17122917)   653810.13
4187668.38   1272.24913 (17013024)
        653830.13   4187668.38   1202.59458 (17122319)   653850.13
4187668.38   1225.24933 (17122620)
        653870.13   4187668.38   1165.81330 (17122920)   653890.13
4187668.38   1092.37950 (17012903)
        653910.13   4187668.38   1118.33680 (17020801)   653930.13
4187668.38   977.08476 (17120120)
        653950.13   4187668.38   971.38592 (17120120)   653970.13
4187668.38   903.46394 (17011508)
        653990.13   4187668.38   873.73381 (17012908)   654010.13
4187668.38   852.13544 (17012908)
        654030.13   4187668.38   753.56549 (17120121)   654050.13
4187668.38   684.75317 (17013019)
        654070.13   4187668.38   669.60189 (17122320)   654090.13
4187668.38   717.20939 (17122320)
        654110.13   4187668.38   690.82060 (17122320)   654130.13
4187668.38   657.82483 (17121219)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654230.13 4187668.38 597.39117 (17011509) 654250.13
4187668.38 559.82705 (17011509)
654270.13 4187668.38 504.87239 (17011509) 654290.13
4187668.38 440.13530 (17011509)
654310.13 4187668.38 372.39904 (17011509) 654330.13
4187668.38 323.61392 (17012523)
654350.13 4187668.38 326.41378 (17122619) 654370.13
4187668.38 329.36217 (17122619)
654390.13 4187668.38 324.91905 (17122619) 654410.13
4187668.38 314.10248 (17122619)
654430.13 4187668.38 298.16389 (17122619) 654450.13
4187668.38 278.54029 (17121906)
654470.13 4187668.38 271.10478 (17121906) 654490.13
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4187688.38 360.86348 (17122619)
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4187688.38 321.09133 (17122619)

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        654490.13   4187688.38      273.41047  (17020824)               653690.13
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        653710.13   4187708.38     1468.52097  (17011609)               653730.13
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4187708.38     1499.93827  (17012520)
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4187708.38     1420.18550  (17122920)
        653870.13   4187708.38     1307.05215  (17012903)               653890.13
4187708.38     1316.30751  (17020801)
        653910.13   4187708.38     1209.37942  (17120120)               653930.13
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4187708.38     1048.43848  (17012908)
        653990.13   4187708.38      915.05021  (17120121)               654010.13
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4187708.38      866.65756  (17122320)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 632
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                 INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        654110.13   4187708.38      740.06166  (17121320)               654130.13
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4187708.38 568.20739 (17011509)
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654090.13 4187728.38 806.34604 (17121320) 654110.13
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654130.13 4187728.38 811.92038 (17011509) 654150.13
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4187728.38 548.49276 (17011509)
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654290.13 4187728.38 407.10451 (17122619) 654310.13

4187728.38   378.21096 (17121906)
        654330.13   4187728.38   363.23615 (17121906)   654350.13
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        654370.13   4187728.38   344.72570 (17020824)   654390.13
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4187748.38   1771.21578 (17012804)
        653830.13   4187748.38   1768.65226 (17122920)   653850.13
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        653910.13   4187748.38   1328.90997 (17011508)   653930.13
4187748.38   1324.89820 (17012908)
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4187748.38   1046.72424 (17122320)
        654030.13   4187748.38   999.16237 (17121219)   654050.13
4187748.38   931.06763 (17121320)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

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4187768.38      390.10067  (17020824)
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4187768.38      336.10264  (17011303)
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4187788.38     1884.68311  (17120120)
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4187788.38     1326.72062  (17122320)
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4187788.38     1318.26246  (17121219)
        653990.13   4187788.38     1224.52366  (17121320)                654010.13
4187788.38     1232.74689  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 634
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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654110.13	4187788.38	676.47984	(17122619)	654130.13	4187788.38	653.92131	(17122619)
654150.13	4187788.38	607.70082	(17122619)	654170.13	4187788.38	557.87270	(17121906)
654190.13	4187788.38	527.95639	(17020824)	654210.13	4187788.38	514.64066	(17020824)
654230.13	4187788.38	489.41965	(17020824)	654250.13	4187788.38	455.71993	(17020824)
654270.13	4187788.38	416.74821	(17020824)	654290.13	4187788.38	391.39174	(17011303)
654310.13	4187788.38	387.87332	(17011303)	654330.13	4187788.38	378.94199	(17011303)
654350.13	4187788.38	365.63182	(17011303)	654370.13	4187788.38	348.96796	(17011303)
654390.13	4187788.38	329.90130	(17011303)	654410.13	4187788.38	309.27877	(17011303)
654430.13	4187788.38	304.88219	(17121319)	654450.13	4187788.38	299.95523	(17121319)
654470.13	4187788.38	293.09276	(17121319)	654490.13	4187788.38	284.64420	(17121319)
653690.13	4187808.38	2445.77129	(16012703)	653710.13	4187808.38	2776.06757	(17011609)
653730.13	4187808.38	2913.18983	(17123009)	653750.13	4187808.38	2574.98768	(17120822)
653770.13	4187808.38	2622.52862	(17013024)	653790.13	4187808.38	2557.84719	(17012804)
653810.13	4187808.38	2500.83446	(17012903)	653830.13	4187808.38	2396.37377	(17020801)
653850.13	4187808.38	2155.86179	(17120120)	653870.13	4187808.38	2002.80146	(17012908)
653890.13	4187808.38	1749.07038	(17012908)	653910.13	4187808.38	1593.44641	(17122320)
653930.13	4187808.38	1640.87812	(17122320)	653950.13	4187808.38	1524.13319	(17121219)
653970.13	4187808.38	1418.14961	(17011509)	653990.13	4187808.38	1441.20461	(17011509)
654010.13	4187808.38	1310.67629	(17011509)	654030.13	4187808.38	1090.72740	(17011509)
654050.13	4187808.38	845.85868	(17011509)	654070.13	4187808.38	796.19770	(17122619)
654090.13	4187808.38	758.29984	(17122619)	654110.13			

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4187808.38      542.38775  (17020824)
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4187808.38      463.36485  (17011303)
        654250.13   4187808.38      455.80553  (17011303)                654270.13
4187808.38      441.20082  (17011303)
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4187828.38     2833.23537  (14021105)
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4187828.38     3095.96358  (17013024)
        653790.13   4187828.38     3035.20611  (17122620)                653810.13
4187828.38     2848.26739  (17020801)
        653830.13   4187828.38     2613.15874  (17120120)                653850.13
4187828.38     2340.20769  (17012908)
        653870.13   4187828.38     2102.14952  (17012908)                653890.13
4187828.38     1943.34166  (17122320)
        653910.13   4187828.38     1892.71791  (17122320)                653930.13
4187828.38     1741.11058  (17121219)
        653950.13   4187828.38     1743.45281  (17011509)                653970.13
4187828.38     1631.17992  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 635
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                 INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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654070.13	4187828.38	796.97369	(17121906)	654090.13	4187828.38	750.42736	(17020824)
654110.13	4187828.38	715.83526	(17020824)	654130.13	4187828.38	661.07309	(17020824)
654150.13	4187828.38	594.57397	(17020824)	654170.13	4187828.38	560.01447	(17011303)
654190.13	4187828.38	545.43437	(17011303)	654210.13	4187828.38	521.54807	(17011303)
654230.13	4187828.38	491.06597	(17011303)	654250.13	4187828.38	456.40189	(17011303)
654270.13	4187828.38	438.05728	(17121319)	654290.13	4187828.38	427.38351	(17121319)
654310.13	4187828.38	413.04861	(17121319)	654330.13	4187828.38	395.96068	(17121319)
654350.13	4187828.38	376.92959	(17121319)	654370.13	4187828.38	356.65184	(17121319)
654390.13	4187828.38	338.80099	(17010504)	654410.13	4187828.38	328.83608	(17010504)
654430.13	4187828.38	317.66486	(17010504)	654450.13	4187828.38	305.61037	(17010504)
654470.13	4187828.38	292.95127	(17010504)	654490.13	4187828.38	279.92710	(17010504)
653690.13	4187848.38	3356.86310	(17122918)	653710.13	4187848.38	3556.07828	(17011609)
653730.13	4187848.38	3873.93901	(17123009)	653750.13	4187848.38	3730.24278	(17122917)
653770.13	4187848.38	3625.34799	(17122701)	653790.13	4187848.38	3489.09182	(17012903)
653810.13	4187848.38	3184.19543	(17020801)	653830.13	4187848.38	2803.49906	(17011508)
653850.13	4187848.38	2586.46840	(17012908)	653870.13	4187848.38	2412.58794	(17122320)
653890.13	4187848.38	2256.05388	(17121219)	653910.13	4187848.38	2117.12742	(17011509)
653930.13	4187848.38	2080.76757	(17011509)	653950.13	4187848.38	1754.60488	(17011509)
653970.13	4187848.38	1320.11884	(17011509)	653990.13	4187848.38	1173.98724	(17122619)

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        654010.13   4187848.38     1067.21429  (17122619)                654030.13
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        654050.13   4187848.38      904.50512  (17020824)                654070.13
4187848.38      831.39993  (17020824)
        654090.13   4187848.38      738.93213  (17020824)                654110.13
4187848.38      695.03478  (17011303)
        654130.13   4187848.38      667.68131  (17011303)                654150.13
4187848.38      627.92940  (17011303)
        654170.13   4187848.38      580.42558  (17011303)                654190.13
4187848.38      547.67345  (17121319)
        654210.13   4187848.38      530.87741  (17121319)                654230.13
4187848.38      508.71585  (17121319)
        654250.13   4187848.38      482.81553  (17121319)                654270.13
4187848.38      454.55352  (17121319)
        654290.13   4187848.38      425.05929  (17121319)                654310.13
4187848.38      410.15568  (17010504)
        654330.13   4187848.38      393.67983  (17010504)                654350.13
4187848.38      376.00011  (17010504)
        654370.13   4187848.38      357.59623  (17010504)                654390.13
4187848.38      338.86359  (17010504)
        654410.13   4187848.38      324.57358  (17122519)                654430.13
4187848.38      318.48531  (17122519)
        654450.13   4187848.38      311.63193  (17122519)                654470.13
4187848.38      304.17456  (17122519)
        654490.13   4187848.38      296.25441  (17122519)                653690.13
4187868.38     4043.36408  (17123007)
        653710.13   4187868.38     4114.24065  (15012509)                653730.13
4187868.38     4562.86796  (17123009)
        653750.13   4187868.38     4491.33167  (17122917)                653770.13
4187868.38     4245.86323  (17122318)
        653790.13   4187868.38     4133.70527  (17020801)                653810.13
4187868.38     3574.25204  (17120120)
        653830.13   4187868.38     3278.49243  (17012908)                653850.13
4187868.38     3057.29306  (17122320)
        653870.13   4187868.38     2779.11585  (17121219)                653890.13
4187868.38     2726.70870  (17011509)
        653910.13   4187868.38     2356.01821  (17011509)                653930.13
4187868.38     1740.68513  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 636
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653950.13	4187868.38	1489.25516	(17122619)	653970.13	4187868.38	1302.87059	(17122619)
653990.13	4187868.38	1193.07045	(17020824)	654010.13	4187868.38	1091.78337	(17020824)
654030.13	4187868.38	955.06368	(17020824)	654050.13	4187868.38	893.65729	(17011303)
654070.13	4187868.38	841.53310	(17011303)	654090.13	4187868.38	773.05923	(17011303)
654110.13	4187868.38	714.23592	(17121319)	654130.13	4187868.38	685.93058	(17121319)
654150.13	4187868.38	649.31229	(17121319)	654170.13	4187868.38	607.54901	(17121319)
654190.13	4187868.38	563.17984	(17121319)	654210.13	4187868.38	533.44281	(17010504)
654230.13	4187868.38	507.36544	(17010504)	654250.13	4187868.38	479.61881	(17010504)
654270.13	4187868.38	451.11204	(17010504)	654290.13	4187868.38	426.30469	(17122519)
654310.13	4187868.38	415.79040	(17122519)	654330.13	4187868.38	404.10903	(17122519)
654350.13	4187868.38	391.58722	(17122519)	654370.13	4187868.38	378.49167	(17122519)
654390.13	4187868.38	365.04928	(17122519)	654410.13	4187868.38	351.44399	(17122519)
654430.13	4187868.38	337.82465	(17122519)	654450.13	4187868.38	324.31092	(17122519)
654470.13	4187868.38	310.99819	(17122519)	654490.13	4187868.38	297.96048	(17122519)
653690.13	4187888.38	4752.32494	(13020205)	653830.13	4187888.38	3965.91094	(17122320)
653850.13	4187888.38	3648.58234	(17011509)	653870.13	4187888.38	3345.71492	(17011509)
653890.13	4187888.38	2427.56274	(17011509)	653910.13	4187888.38	1971.96659	(17122619)
653930.13	4187888.38	1672.01464	(17020824)	653950.13	4187888.38	1527.20079	(17020824)
653970.13	4187888.38	1306.42470	(17020824)	653990.13	4187888.38	1207.22577	(17011303)
654010.13	4187888.38	1102.40773	(17011303)	654030.13			

4187888.38   991.07149 (17121319)
        654050.13   4187888.38   938.33749 (17121319)   654070.13
4187888.38   871.69737 (17121319)
        654090.13   4187888.38   798.25291 (17121319)   654110.13
4187888.38   737.86089 (17010504)
        654130.13   4187888.38   692.09928 (17010504)   654150.13
4187888.38   644.11784 (17010504)
        654170.13   4187888.38   597.18605 (17122519)   654190.13
4187888.38   577.00881 (17122519)
        654210.13   4187888.38   554.94931 (17122519)   654230.13
4187888.38   531.76473 (17122519)
        654250.13   4187888.38   508.03274 (17122519)   654270.13
4187888.38   484.20278 (17122519)
        654290.13   4187888.38   460.61393 (17122519)   654310.13
4187888.38   437.51816 (17122519)
        654330.13   4187888.38   415.09313 (17122519)   654350.13
4187888.38   393.46320 (17122519)
        654370.13   4187888.38   372.70946 (17122519)   654390.13
4187888.38   356.04039 (17122719)
        654410.13   4187888.38   343.45510 (17122719)   654430.13
4187888.38   331.08526 (17122719)
        654450.13   4187888.38   318.98524 (17122719)   654470.13
4187888.38   307.19671 (17122719)
        654490.13   4187888.38   295.74908 (17122719)   653690.13
4187908.38   6002.79010 (15010507)
        653830.13   4187908.38   5118.29351 (17011509)   653850.13
4187908.38   3688.34439 (17011509)
        653870.13   4187908.38   2776.28519 (17122619)   653890.13
4187908.38   2361.96835 (17020824)
        653910.13   4187908.38   1953.96933 (17020824)   653930.13
4187908.38   1755.46636 (17011303)
        653950.13   4187908.38   1522.28321 (17011303)   653970.13
4187908.38   1404.68603 (17121319)
        653990.13   4187908.38   1263.79943 (17121319)   654010.13
4187908.38   1127.46753 (17010504)
        654030.13   4187908.38   1032.88699 (17010504)   654050.13
4187908.38   936.31603 (17010504)
        654070.13   4187908.38   883.51586 (17122519)   654090.13
4187908.38   834.41945 (17122519)
        654110.13   4187908.38   784.37184 (17122519)   654130.13
4187908.38   734.82796 (17122519)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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        654170.13   4187928.38      616.83355  (17122719)                654190.13
4187928.38      573.44827  (17122719)
        654210.13   4187928.38      533.89299  (17122719)                654230.13
4187928.38      505.51847  (17122621)
        654250.13   4187928.38      481.32949  (17122621)                654270.13
4187928.38      458.79126  (17122621)
        654290.13   4187928.38      437.77205  (17122621)                654310.13
4187928.38      418.14962  (17122621)
        654330.13   4187928.38      399.81254  (17122621)                654350.13
4187928.38      382.65687  (17122621)
        654370.13   4187928.38      366.58614  (17122621)                654390.13
4187928.38      351.51587  (17122621)
        654410.13   4187928.38      337.36698  (17122621)                654430.13
4187928.38      324.06720  (17122621)
        654450.13   4187928.38      311.55086  (17122621)                654470.13
4187928.38      299.75967  (17122621)
        654490.13   4187928.38      288.63877  (17122621)                653690.13
4187948.38    12697.96754  (17021308)
        653830.13   4187948.38     4877.95714  (17122519)                653850.13
4187948.38     3917.95579  (17122519)
        653870.13   4187948.38     3146.82561  (17122519)                653890.13
4187948.38     2589.97735  (17122719)
        653910.13   4187948.38     2191.13265  (17122719)                653930.13
4187948.38     1871.07865  (17122719)
        653950.13   4187948.38     1612.48327  (17122719)                653970.13
4187948.38     1426.67321  (17122621)
        653990.13   4187948.38     1282.64029  (17122621)                654010.13
4187948.38     1160.31645  (17122621)
        654030.13   4187948.38     1055.55727  (17122621)                654050.13
4187948.38      965.13088  (17122621)
        654070.13   4187948.38      886.51210  (17122621)                654090.13
4187948.38      817.68707  (17122621)
        654110.13   4187948.38      757.06821  (17122621)                654130.13
4187948.38      703.37722  (17122621)
        654150.13   4187948.38      655.57192  (17122621)                654170.13
4187948.38      612.79060  (17122621)
        654190.13   4187948.38      574.34345  (17122621)                654210.13
4187948.38      539.64501  (17122621)
        654230.13   4187948.38      508.20904  (17122621)                654250.13
4187948.38      479.62669  (17122621)
        654270.13   4187948.38      453.55394  (17122621)                654290.13
4187948.38      429.69430  (17122621)
        654310.13   4187948.38      407.79748  (17122621)                654330.13
4187948.38      387.64439  (17122621)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                PAGE 638
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654350.13	4187948.38	369.05163	(17122621)	654370.13	4187948.38	351.85394	(17122621)
654390.13	4187948.38	335.91244	(17122621)	654410.13	4187948.38	321.10201	(17122621)
654430.13	4187948.38	307.31430	(17122621)	654450.13	4187948.38	294.45398	(17122621)
654470.13	4187948.38	282.43707	(17122621)	654490.13	4187948.38	271.18935	(17122621)
653690.13	4187968.38	14869.58995	(17011121)	653830.13	4187968.38	5329.72703	(14022208)
653850.13	4187968.38	4117.69054	(14022208)	653870.13	4187968.38	3302.43442	(14022208)
653890.13	4187968.38	2724.07341	(14022208)	653910.13	4187968.38	2296.58552	(14022208)
653930.13	4187968.38	1970.07425	(14022208)	653950.13	4187968.38	1714.09758	(14022208)
653970.13	4187968.38	1509.00282	(14022208)	653990.13	4187968.38	1341.66835	(14022208)
654010.13	4187968.38	1203.01163	(14022208)	654030.13	4187968.38	1089.68639	(13123017)
654050.13	4187968.38	993.41234	(13123017)	654070.13	4187968.38	911.55115	(16010203)
654090.13	4187968.38	841.41861	(16010203)	654110.13	4187968.38	780.03473	(16010203)
654130.13	4187968.38	725.92613	(16010203)	654150.13	4187968.38	677.92942	(16010203)
654170.13	4187968.38	635.10749	(16010203)	654190.13	4187968.38	596.71063	(16010203)
654210.13	4187968.38	562.11505	(16010203)	654230.13	4187968.38	530.80888	(16010203)
654250.13	4187968.38	502.36823	(16010203)	654270.13	4187968.38	476.43116	(16010203)
654290.13	4187968.38	452.70186	(16010203)	654310.13			

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4187968.38      430.91837  (16010203)
        654330.13   4187968.38      410.86483  (16010203)              654350.13
4187968.38      392.35150  (16010203)
        654370.13   4187968.38      375.21683  (16010203)              654390.13
4187968.38      359.31937  (16010203)
        654410.13   4187968.38      344.53548  (16010203)              654430.13
4187968.38      330.75743  (16010203)
        654450.13   4187968.38      317.89140  (16010203)              654470.13
4187968.38      305.85360  (16010203)
        654490.13   4187968.38      294.57272  (16010203)              653690.13
4187988.38    11311.08899  (17122609)
        653830.13   4187988.38     4827.81083  (15122617)              653850.13
4187988.38     3770.80818  (14010519)
        653870.13   4187988.38     3076.21347  (16120418)              653890.13
4187988.38     2571.25357  (15122424)
        653910.13   4187988.38     2203.92435  (15122424)              653930.13
4187988.38     1913.69064  (14021603)
        653950.13   4187988.38     1671.79070  (14021603)              653970.13
4187988.38     1475.12750  (15020206)
        653990.13   4187988.38     1329.68442  (15020206)              654010.13
4187988.38     1210.91054  (14022208)
        654030.13   4187988.38     1115.30561  (14022208)              654050.13
4187988.38     1030.27952  (14022208)
        654070.13   4187988.38      954.50013  (14022208)              654090.13
4187988.38      886.78949  (14022208)
        654110.13   4187988.38      826.10777  (14022208)              654130.13
4187988.38      771.56016  (14022208)
        654150.13   4187988.38      722.36592  (14022208)              654170.13
4187988.38      677.86051  (14022208)
        654190.13   4187988.38      637.47385  (14022208)              654210.13
4187988.38      600.71317  (14022208)
        654230.13   4187988.38      567.16370  (14022208)              654250.13
4187988.38      536.46094  (14022208)
        654270.13   4187988.38      508.28735  (14022208)              654290.13
4187988.38      482.37028  (14022208)
        654310.13   4187988.38      458.47406  (14022208)              654330.13
4187988.38      436.38949  (14022208)
        654350.13   4187988.38      415.93534  (14022208)              654370.13
4187988.38      396.95240  (14022208)
        654390.13   4187988.38      379.30174  (14022208)              654410.13
4187988.38      362.85777  (14022208)
        654430.13   4187988.38      347.50944  (14022208)              654450.13
4187988.38      333.16094  (14022208)
        654470.13   4187988.38      319.72485  (14022208)              654490.13
4187988.38      307.12524  (14022208)
        653655.14   4187974.84     7664.32639  (17121322)              653791.22
4188024.71     5228.77881  (17122321)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653827.99	4188054.29	3088.45747	(17022408)	653851.66	4188036.97	3153.47742	(17121119)
653905.33	4188036.12	2030.44637	(13020908)	653749.81	4188104.17	2481.93706	(17012720)
653938.30	4188029.78	1706.67098	(15010317)	653988.59	4188027.67	1307.27860	(15122617)
654041.42	4188038.23	1010.04984	(15122617)	653989.86	4188051.76	1222.90312	(15010318)
653634.01	4187869.18	3278.10140	(13013108)	653624.71	4187963.01	5220.11311	(17011505)
653582.87	4187962.16	3441.62565	(17011505)	653701.20	4188100.78	2593.43206	(17012717)
654582.91	4187495.31	259.92333	(17011509)	654554.33	4187451.49	284.52527	(17011509)
654607.68	4187449.58	273.97623	(17011509)	654492.60	4186914.23	175.24193	(17120120)
654507.05	4186910.79	167.23841	(17120120)	654509.12	4186964.47	177.73936	(17011508)
653809.30	4186919.71	249.78375	(15041307)	654342.28	4186818.67	161.03666	(17012903)
655092.49	4187197.56	138.07498	(17011509)	654238.71	4186303.37	122.42083	(17012520)
655153.11	4188271.10	120.11479	(17122919)	653689.06	4188008.65	6440.99673	(17122909)
653683.67	4188032.40	4417.61624	(16022108)	653706.08	4188038.27	4695.29681	(17120219)
653679.42	4188056.68	3412.12830	(17122724)	653658.84	4188047.21	3493.03765	(17122909)
653702.97	4188063.08	3345.90918	(15021408)	653675.63	4188081.17	2879.02851	(17022607)

653653.68 4188071.07 2658.90942 (16022108) 653699.87
4188087.89 2754.19251 (17012717)
653668.64 4188130.42 2014.22048 (17120219) 653645.12
4188119.60 1877.49430 (17022607)
653621.60 4188108.77 1840.26992 (17020506) 653693.66
4188137.50 1967.03167 (17012717)
653663.21 4188180.40 1318.04389 (17120705) 653641.26
4188170.29 1518.39784 (17120619)
653619.30 4188160.19 1369.00030 (17122724) 653597.35
4188150.08 1319.85793 (15022501)
653575.40 4188139.97 1357.05054 (17122909) 653687.45
4188187.11 1464.07848 (17012717)
653656.54 4188229.80 1039.54853 (15021408) 653633.67
4188219.27 1178.74580 (17120219)
653610.81 4188208.75 1188.69473 (17022607) 653587.94
4188198.22 1087.93250 (17122724)
653565.07 4188187.69 1030.74722 (17123104) 653542.20
4188177.17 1053.83516 (17122909)
653681.24 4188236.72 1128.81437 (17012717) 653650.00
4188279.26 847.56180 (17020403)
653626.48 4188268.43 852.96818 (17020407) 653602.96
4188257.61 973.09987 (17120619)
653579.44 4188246.78 922.75802 (17022607) 653555.92
4188235.95 859.46497 (17122724)
653532.40 4188225.12 850.39297 (17123104) 653508.88
4188214.30 851.76738 (17022406)
653675.02 4188286.34 903.59662 (17122622) 653643.55
4188328.76 727.02670 (17012717)
653619.54 4188317.71 702.89872 (17120705) 653595.53
4188306.66 809.95233 (17120219)
653571.52 4188295.60 800.22648 (17022607) 653547.50
4188284.55 710.46606 (17121506)
653523.49 4188273.50 696.89261 (16020808) 653499.48
4188262.44 715.19967 (17123104)
653475.47 4188251.39 708.06775 (17022406) 653668.81
4188335.95 743.84273 (17122622)
653631.37 4188428.10 553.85865 (17012717) 653607.85
4188417.27 518.62284 (17020403)
653584.33 4188406.45 528.03624 (17120705) 653560.81
4188395.62 591.92929 (17120219)
653537.29 4188384.79 584.10858 (17120619) 653513.77
4188373.96 573.75591 (17022607)
653490.25 4188363.13 536.36161 (17122724) 653466.73
4188352.31 507.46291 (16020808)
653443.21 4188341.48 513.83006 (17123104) 653419.68
4188330.65 529.39700 (17020506)
653656.39 4188435.17 534.36606 (17122901) 653618.64
4188527.18 429.18739 (17012717)
653594.49 4188516.07 401.77144 (17012717) 653570.34
4188504.95 396.07285 (15021408)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4188714.47 288.69787 (17012717)
653545.33 4188703.33 270.81615 (17020403) 653521.12
4188692.18 268.78314 (15021408)
653496.91 4188681.03 274.68134 (17120705) 653472.70
4188669.89 276.93954 (17020407)
653448.48 4188658.74 313.41610 (17120219) 653424.27
4188647.60 312.28049 (17120619)
653400.06 4188636.45 309.16523 (17022607) 653375.85
4188625.30 293.05522 (17022607)
653351.63 4188614.16 272.11163 (17121506) 653327.42
4188603.01 277.53430 (17122724)
653303.21 4188591.86 264.53671 (16020808) 653279.00
4188580.72 262.44286 (15022501)
653254.78 4188569.57 272.86812 (17123104) 653230.57
4188558.43 277.84461 (17020506)
653206.36 4188547.28 269.36366 (17022406) 653619.13
4188732.85 280.65005 (17020802)
653581.48 4188824.91 240.57993 (17122622) 653557.56
4188813.90 244.92693 (17012717)
653533.64 4188802.88 236.24988 (17012717) 653509.71
4188791.87 233.08249 (17020403)
653485.79 4188780.86 224.80587 (15021408) 653461.87
4188769.85 236.23247 (17120705)
653437.95 4188758.83 234.95386 (17020407) 653414.02
4188747.82 265.06475 (17120219)
653390.10 4188736.81 266.94579 (17120619) 653366.18
4188725.80 255.32432 (17022607)
653342.25 4188714.78 261.57967 (17022607) 653318.33
4188703.77 231.26189 (17121506)
653294.41 4188692.76 234.40111 (17122724) 653270.49
4188681.74 232.37046 (17122724)
653246.56 4188670.73 227.42990 (13011909) 653222.64
4188659.72 222.23367 (16120505)
653198.72 4188648.71 228.83787 (17123104) 653174.79
4188637.69 237.07808 (17020506)
653150.87 4188626.68 229.16909 (17122909) 653606.70
4188832.08 240.29222 (17020802)
653550.32 4189072.92 166.14587 (17122901) 653526.17
4189061.81 176.03284 (17122622)
653502.02 4189050.69 174.19059 (17012717) 653477.87
4189039.57 166.91344 (17012717)
653453.72 4189028.46 165.96313 (17020403) 653429.58
4189017.34 162.53398 (15021408)
653405.43 4189006.22 159.42082 (15122702) 653381.28
4188995.11 169.05807 (17120705)
653357.13 4188983.99 168.27013 (17020407) 653332.98
4188972.87 182.33029 (17120219)
653308.84 4188961.76 191.40915 (17120219) 653284.69
4188950.64 188.56606 (17120619)
653260.54 4188939.53 182.17971 (17022607) 653236.39

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL   ***
                                   INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        653163.95   4188895.06   168.08030 (17122724)   653139.80
4188883.94   186.81241 (13011909)
        653115.65   4188872.83   192.25765 (13011909)   653091.50
4188861.71   177.72068 (13011909)
        653067.36   4188850.59   158.81052 (15022501)   653043.21
4188839.48   164.02325 (17123104)
        653019.06   4188828.36   168.30740 (17020506)   652994.91
4188817.24   163.54797 (17122909)
        652970.76   4188806.13   162.51743 (17022406)   653575.65
4189080.14   173.11506 (17020802)
        653519.38   4189321.04   123.33133 (17122901)   653495.48
4189310.04   129.41927 (17122622)
        653471.58   4189299.04   134.42608 (17122622)   653447.68
4189288.04   131.95501 (17012717)
        653423.78   4189277.03   126.67530 (17012717)   653399.88
4189266.03   124.82423 (17020403)
        653375.98   4189255.03   125.47229 (17020403)   653352.08
4189244.03   122.20820 (15021408)
        653328.18   4189233.02   121.76542 (15122702)   653304.28
4189222.02   128.74794 (17120705)
        653280.38   4189211.02   128.64867 (17020407)   653256.48
4189200.02   129.79501 (17120219)
        653232.58   4189189.02   143.21309 (17120219)   653208.68
4189178.01   144.69479 (17120219)

653184.78 4189167.01 143.02379 (17120619) 653160.88
4189156.01 136.66775 (17122403)
653136.98 4189145.01 143.40267 (17022607) 653113.08
4189134.00 138.21297 (17022607)
653089.18 4189123.00 124.03906 (13012604) 653065.28
4189112.00 126.48800 (17121506)
653041.38 4189101.00 134.86036 (13011909) 653017.48
4189089.99 156.00122 (13011909)
652993.58 4189078.99 166.39570 (13011909) 652969.68
4189067.99 163.78560 (13011909)
652945.78 4189056.99 148.93049 (13011909) 652921.88
4189045.99 125.28747 (13011909)
652897.98 4189034.98 122.42002 (17123104) 652874.08
4189023.98 125.90713 (17123104)
652850.18 4189012.98 127.79604 (17020506) 652826.28
4189001.98 123.53700 (17122909)
652802.38 4188990.97 123.43506 (17022406) 653544.59
4189328.20 132.55096 (17020802)
653488.25 4189569.07 96.24657 (17020802) 653464.19
4189558.00 100.62867 (17122901)
653440.14 4189546.92 105.78012 (17122622) 653416.08
4189535.85 106.22976 (17122622)
653392.02 4189524.77 104.35318 (17012717) 653367.96
4189513.70 99.95620 (17012717)
653343.90 4189502.62 98.22012 (17020403) 653319.85
4189491.55 100.66018 (17020403)
653295.79 4189480.47 98.00820 (15021408) 653271.73
4189469.40 94.64090 (15021408)
653247.67 4189458.32 98.18315 (17120705) 653223.62
4189447.25 102.58453 (17120705)
653199.56 4189436.17 102.44069 (17020407) 653175.50
4189425.10 98.84533 (17120219)
653151.44 4189414.02 110.83258 (17120219) 653127.38
4189402.95 115.76964 (17120219)
653103.33 4189391.87 115.12924 (17120619) 653079.27
4189380.80 111.99925 (17120619)
653055.21 4189369.72 108.98091 (17122403) 653031.15
4189358.65 113.98920 (17022607)
653007.10 4189347.57 111.49234 (17022607) 652983.04
4189336.50 101.10954 (17022607)
652958.98 4189325.42 100.69659 (17121506) 652934.92
4189314.35 100.14698 (13011909)
652910.86 4189303.27 121.48984 (13011909) 652886.81
4189292.20 138.05672 (13011909)
652862.75 4189281.12 146.95442 (13011909) 652838.69
4189270.05 146.58932 (13011909)
652814.63 4189258.97 137.24044 (13011909) 652790.58
4189247.90 120.60678 (13011909)
652766.52 4189236.82 99.61163 (13011909) 652742.46
4189225.75 98.09477 (17123104)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653432.96	4189805.98	81.26727	(17122901)	653408.79	4189794.85	84.09589	(17122622)
653384.62	4189783.72	87.78064	(17122622)	653360.44	4189772.59	86.15919	(17122622)
653336.27	4189761.47	85.11979	(17012717)	653312.09	4189750.34	81.44052	(17012717)
653287.92	4189739.21	79.74026	(17020403)	653263.75	4189728.08	82.75298	(17020403)
653239.57	4189716.95	80.73856	(17020403)	653215.40	4189705.82	79.49493	(15021408)
653191.22	4189694.69	78.53135	(15122702)	653167.05	4189683.57	81.93298	(17120705)
653142.87	4189672.44	84.26849	(17120705)	653118.70	4189661.31	84.17924	(17020407)
653094.53	4189650.18	81.51978	(17020407)	653070.35	4189639.05	88.09036	(17120219)
653046.18	4189627.92	94.02617	(17120219)	653022.00	4189616.80	94.62099	(17120219)
652997.83	4189605.67	94.44669	(17120619)	652973.66	4189594.54	90.27368	(17120619)
652949.48	4189583.41	89.59366	(17122403)	652925.31			

4189572.28 93.45574 (17022607)
652901.13 4189561.15 92.31896 (17022607) 652876.96
4189550.02 85.65420 (17022607)
652852.79 4189538.90 80.84640 (17121506) 652828.61
4189527.77 82.98117 (17121506)
652804.44 4189516.64 93.19082 (13011909) 652780.26
4189505.51 110.39163 (13011909)
652756.09 4189494.38 123.89855 (13011909) 652731.91
4189483.25 131.73412 (13011909)
652707.74 4189472.13 132.73192 (13011909) 652683.57
4189461.00 126.80185 (13011909)
652659.39 4189449.87 114.91798 (13011909) 652635.22
4189438.74 98.88069 (13011909)
652611.04 4189427.61 80.84662 (13011909) 652586.87
4189416.48 80.95188 (17123104)
652562.70 4189405.36 82.08132 (17123104) 652538.52
4189394.23 83.44126 (17020506)
652514.35 4189383.10 81.35984 (17020506) 652490.17
4189371.97 80.23409 (17022406)
652466.00 4189360.84 80.43418 (17022406) 653482.48
4189824.33 87.13017 (17020802)
653395.06 4190313.25 59.37313 (17020802) 653370.96
4190302.15 56.02720 (17122901)
653346.85 4190291.06 58.70538 (17122901) 653322.74
4190279.96 60.18463 (17122622)
653298.63 4190268.86 62.95920 (17122622) 653274.53
4190257.76 63.02569 (17122622)
653250.42 4190246.67 61.26172 (17012717) 653226.31
4190235.57 60.57976 (17012717)
653202.21 4190224.47 58.08306 (17012717) 653178.10
4190213.37 63.78832 (16041907)
653153.99 4190202.27 67.83475 (16041907) 653129.89
4190191.18 68.57463 (16041907)
653105.78 4190180.08 65.88341 (16041907) 653081.67
4190168.98 60.11658 (16041907)
653057.56 4190157.88 55.55928 (15102604) 653033.46
4190146.79 57.15777 (15122702)
653009.35 4190135.69 59.78701 (17120705) 652985.24
4190124.59 60.78560 (17120705)
652961.14 4190113.49 60.58808 (17020407) 652937.03
4190102.40 60.00333 (17020407)
652912.92 4190091.30 62.17760 (17121109) 652888.82
4190080.20 70.93401 (17121109)
652864.71 4190069.10 76.43626 (17121109) 652840.60
4190058.01 77.74433 (17121109)
652816.50 4190046.91 74.63315 (17121109) 652792.39
4190035.81 67.62785 (17121109)
652768.28 4190024.71 63.81991 (17120619) 652744.17
4190013.62 64.50126 (17122403)
652720.07 4190002.52 66.59388 (17022607) 652695.96

4189991.42   67.42544 (17022607)
        652671.85   4189980.32   65.25853 (17022607)   652647.75
4189969.23   60.38671 (17022607)
        652623.64   4189958.13   65.94095 (14112809)   652599.53
4189947.03   69.75205 (14112809)
        652575.43   4189935.93   68.71250 (14112809)   652551.32
4189924.84   77.52144 (13011909)
        652527.21   4189913.74   89.99606 (13011909)   652503.11
4189902.64   100.48463 (13011909)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

653284.38 4190787.02 43.43037 (17122901) 653260.13
4190775.85 44.98985 (17122901)
653235.88 4190764.69 45.89517 (17122622) 653211.63
4190753.53 47.97829 (17122622)
653187.38 4190742.36 48.47314 (17122622) 653163.13
4190731.20 47.31402 (17122622)
653138.88 4190720.04 46.56253 (17012717) 653114.63
4190708.87 45.71334 (17012717)
653090.38 4190697.71 48.14666 (16041907) 653066.13
4190686.55 53.53490 (16041907)
653041.88 4190675.38 57.34197 (16041907) 653017.63
4190664.22 59.04373 (16041907)
652993.38 4190653.06 58.46405 (16041907) 652969.13
4190641.89 55.64006 (16041907)
652944.88 4190630.73 50.88221 (16041907) 652920.63
4190619.57 44.70219 (16041907)
652896.38 4190608.40 43.37032 (15122702) 652872.13
4190597.24 44.29348 (17120705)
652847.88 4190586.08 46.30463 (17120705) 652823.63
4190574.91 46.46887 (17120705)
652799.38 4190563.75 46.42177 (17020407) 652775.13
4190552.59 46.21906 (17020407)
652750.88 4190541.42 49.02330 (17121109) 652726.63
4190530.26 56.78074 (17121109)
652702.38 4190519.10 62.90517 (17121109) 652678.13
4190507.93 66.64476 (17121109)
652653.88 4190496.77 67.51354 (17121109) 652629.63
4190485.61 65.39402 (17121109)
652605.38 4190474.44 60.55967 (17121109) 652581.13
4190463.28 53.62026 (17121109)
652556.88 4190452.12 48.21967 (17122403) 652532.63
4190440.95 49.50263 (17122403)
652508.38 4190429.79 50.83044 (17022607) 652484.13
4190418.63 51.67372 (17022607)
652459.88 4190407.46 50.72414 (17022607) 652435.63
4190396.30 48.08229 (17022607)
652411.38 4190385.14 51.97156 (14112809) 652387.13
4190373.97 57.73299 (14112809)
652362.88 4190362.81 60.66896 (14112809) 652338.63
4190351.64 60.32249 (14112809)
652314.38 4190340.48 59.54492 (13011909) 652290.13
4190329.32 69.60027 (13011909)
652265.88 4190318.15 78.93817 (13011909) 652241.63
4190306.99 86.86290 (13011909)
652217.38 4190295.83 92.74430 (13011909) 652193.13
4190284.66 96.09362 (13011909)
652168.88 4190273.50 96.62988 (13011909) 652144.63
4190262.34 94.32407 (13011909)
652120.38 4190251.17 89.39546 (13011909) 652096.13
4190240.01 82.28235 (13011909)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653358.27	4190816.59	48.28644	(17020802)	653270.80	4191305.49	37.11954	(17020802)
653246.61	4191294.35	34.94462	(17020802)	653222.42	4191283.21	33.26374	(17122901)
653198.23	4191272.08	34.87838	(17122901)	653174.04	4191260.94	35.86740	(17122901)
653149.84	4191249.80	36.41628	(17122622)	653125.65	4191238.67	38.06107	(17122622)
653101.46	4191227.53	38.71564	(17122622)	653077.27	4191216.39	38.31797	(17122622)
653053.08	4191205.26	36.91024	(17012717)	653028.89	4191194.12	36.83615	(17012717)
653004.70	4191182.99	36.35820	(16041907)	652980.51	4191171.85	41.63736	(16041907)
652956.31	4191160.71	46.25485	(16041907)	652932.12			

4191149.58 49.81198 (16041907)
652907.93 4191138.44 52.00256 (16041907) 652883.74
4191127.30 52.62790 (16041907)
652859.55 4191116.17 51.60750 (16041907) 652835.36
4191105.03 49.03177 (16041907)
652811.17 4191093.89 45.13125 (16041907) 652786.98
4191082.76 40.23612 (16041907)
652762.78 4191071.62 38.20521 (16122209) 652738.59
4191060.49 36.32317 (16122209)
652714.40 4191049.35 35.89594 (17120705) 652690.21
4191038.21 37.10661 (17120705)
652666.02 4191027.08 37.12934 (17120705) 652641.83
4191015.94 36.96661 (17020407)
652617.64 4191004.80 37.14531 (17020407) 652593.44
4190993.67 38.50750 (17121109)
652569.25 4190982.53 45.18197 (17121109) 652545.06
4190971.40 51.16744 (17121109)
652520.87 4190960.26 55.92407 (17121109) 652496.68
4190949.12 58.98402 (17121109)
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4190548.21   35.94655 (17123104)
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4190525.94   36.45315 (17020506)
        651553.22   4190514.80   35.74668 (17020506)   651529.03
4190503.67   34.85137 (17020102)
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4190481.40   35.45092 (17022406)
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4191312.71   38.56422 (17020802)
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4191790.51   29.19683 (17020802)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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652580.87 4191512.60 31.58585 (16122209) 652556.72
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        651325.17   4190934.54       29.65221  (17123104)               651301.02
4190923.43       29.49867  (17020506)
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4190901.19       29.83835  (17020506)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 646
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                 INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        651180.28   4190867.85       28.45150  (17022406)               651156.14
4190856.73       29.05310  (17022406)
        651131.99   4190845.61       29.10311  (17022406)               653234.05
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        653689.52   4189087.24   169.98486 (17121308)   653666.74
4189085.82   171.42188 (17121308)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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653761.39 4189588.66 111.63322 (17122408) 653785.94
4189588.66 113.32417 (17012720)
653810.49 4189588.66 111.55982 (17012720) 653689.31
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4190331.08 66.07196 (14012009)
653566.33 4190329.56 57.59240 (17121308) 653542.01
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653469.03 4190323.49 64.04609 (17120618) 653444.70
4190321.98 64.25845 (17020802)
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653761.39 4190338.66 80.38778 (14012009) 653785.94
4190338.66 70.70746 (14012009)

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4190834.25       77.33434  (14012009)
        653617.88   4190832.77       72.44411  (14012009)               653594.28
4190831.30       65.98722  (14012009)
        653570.68   4190829.83       58.44450  (14012009)               653547.08
4190828.36       50.33610  (14012009)
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4190825.42       45.02798  (17120618)
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        653785.94   4190838.66       62.74007  (14012009)               653810.49
4190838.66       54.58644  (14012009)
        653687.81   4191337.13       71.61198  (14012009)               653663.33
4191335.61       71.58715  (14012009)
        653638.85   4191334.08       69.85745  (14012009)               653614.38
4191332.55       66.54557  (14012009)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 648
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                 INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        653589.90   4191331.03       61.87750  (14012009)               653565.42
4191329.50       56.15409  (14012009)
        653540.94   4191327.98       49.73799  (14012009)               653516.46
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        653443.03   4191321.87       36.90434  (17120618)                653418.55
4191320.34       38.46402  (17120618)
        653394.07   4191318.82       39.24701  (17120618)                653369.59
4191317.29       39.20515  (17120618)
        653345.11   4191315.77       38.83132  (17020802)                653320.64
4191314.24       39.13684  (17020802)
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4191838.66       59.47779  (14012009)
        653761.39   4191838.66       55.67806  (14012009)                653785.94
4191838.66       51.08795  (14012009)
        653810.49   4191838.66       45.96497  (14012009)                653835.43
4187990.43     4472.88381  (15122617)
        653838.58   4187946.01     4280.62552  (17122519)                653841.72
4187901.59     4465.59185  (17011509)
        653852.47   4188008.72     3404.10940  (14011317)                653861.94
4187969.98     3632.21113  (14022208)
        653865.09   4187925.56     2983.76704  (17011303)                653868.23
4187881.14     3272.53901  (17011509)
        653877.41   4188010.49     2741.21794  (15010317)                653844.57
4188050.24     2921.59233  (17022407)
        653886.88   4187971.75     2856.34971  (14022208)                653890.02
4187927.33     2464.33663  (17121319)
        653893.17   4187882.91     2543.83221  (17011509)                653902.34
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4188012.25   2249.83541 (15010317)
        653886.55   4188045.30   2232.18327 (17120617)   653861.61
4188068.54   2475.84448 (17022407)
        653911.81   4187973.52   2325.97437 (14022208)   653914.96
4187929.10   2022.96890 (17010504)
        653918.11   4187884.68   1857.65800 (17122619)   653950.64
4188019.09   1625.39597 (15122617)
        653931.69   4188058.75   1619.21178 (14022307)   653892.29
4188106.46   1783.17049 (17022407)
        653851.39   4188122.56   1890.11471 (17012601)   653961.69
4187977.05   1657.72196 (14022208)
        653964.84   4187932.63   1543.35124 (17122519)   653967.98
4187888.21   1333.80255 (17020824)
        654000.97   4188021.68   1209.21139 (17122919)   653982.92
4188059.45   1250.26864 (14011317)
        653964.87   4188097.22   1239.11427 (14012706)   653927.35
4188142.66   1313.07685 (17022407)
        653888.39   4188157.99   1466.36494 (17012601)   653849.44
4188173.33   1426.37944 (17121904)
        654011.56   4187980.59   1261.64379 (14022208)   654014.71
4187936.17   1160.66473 (17122719)
        654017.86   4187891.75   1053.13767 (17121319)   654051.09
4188024.69   974.52106 (16120418)
        654033.54   4188061.41   1006.14470 (15010317)   654016.00
4188098.14   1006.25116 (14022307)
        653998.45   4188134.86   1080.95364 (17121119)   653961.97
4188179.03   1018.23831 (17120205)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

653924.10 4188193.94 1125.82095 (17012601) 653886.23 4188208.85 1184.34772 (17021405)
653848.36 4188223.75 1114.12391 (17022508) 654061.44 4187984.12 1003.68797 (14022208)
654064.59 4187939.70 890.33975 (17122719) 654067.73 4187895.28 864.59894 (17121319)
654100.26 4188029.70 792.53923 (16120418) 654081.31 4188069.36 841.12957 (15010317)
654062.36 4188109.01 827.23517 (16120603) 654043.41 4188148.67 843.93431 (17121119)
654024.46 4188188.33 781.38792 (13121217) 653994.54 4188216.21 842.71315 (17120205)
653953.64 4188232.31 930.15384 (17012601) 653912.74 4188248.41 963.25564 (17021405)
653871.84 4188264.51 895.48648 (17122223) 654111.31 4187987.66 824.37529 (14022208)
654114.46 4187943.24 746.76611 (17122621) 654117.61 4187898.82 724.64281 (17122519)
654150.40 4188032.68 655.22173 (14021120) 654131.98 4188071.24 690.47104 (15122617)
654113.55 4188109.80 701.43574 (14011317) 654095.13 4188148.35 700.04433 (17120617)
654076.71 4188186.91 759.73538 (17121119) 654058.28 4188225.47 700.61139 (17120122)
654029.19 4188252.57 706.54561 (17120205) 653989.42 4188268.22 746.75390 (17012601)
653949.66 4188283.88 774.72218 (17022706) 653909.90 4188299.53 792.36202 (17121904)
653870.13 4188315.18 817.78220 (17022508) 654161.19 4187991.19 693.59564 (14022208)
654164.34 4187946.77 627.44946 (17122621) 654167.48 4187902.35 648.54673 (17122519)
654249.89 4188040.30 501.99178 (15122424) 654230.94 4188079.96 516.90482 (15122617)
654211.99 4188119.62 527.05485 (15010317) 654193.04 4188159.28 529.18359 (13020908)
654174.09 4188198.94 534.17259 (17120617) 654155.14 4188238.60 573.40631 (17121119)
654136.19 4188278.25 499.81255 (13121217) 654096.79 4188325.96 526.52641 (17022408)
654055.89 4188342.06 556.33435 (17122321) 654014.99 4188358.16 580.85029 (17022706)
653974.09 4188374.26 609.15467 (17021405) 653933.19 4188390.36 561.01846 (17122223)
653892.29 4188406.46 590.53851 (17022508) 653851.39 4188422.56 572.43193 (17123005)
654260.94 4187998.26 517.54833 (14022208) 654264.09 4187953.84 447.53748 (17122621)
654267.23 4187909.42 479.64685 (17122719) 654349.97 4188046.67 393.80782 (15122424)

654331.69 4188084.94 404.68398 (16120418) 654313.40
4188123.21 411.26462 (13020204)
654295.11 4188161.48 414.76150 (14010220) 654276.83
4188199.74 416.41119 (13020908)
654258.54 4188238.01 421.33331 (17120617) 654240.26
4188276.28 440.23325 (17121119)
654221.97 4188314.55 446.04507 (17123020) 654203.69
4188352.81 429.98357 (17022407)
654165.67 4188398.85 416.76119 (17022408) 654126.20
4188414.38 447.99361 (17122321)
654086.74 4188429.92 463.02387 (17012601) 654047.28
4188445.45 448.37771 (17011608)
654007.81 4188460.99 459.37929 (17121904) 653968.35
4188476.52 437.70902 (17122223)
653928.88 4188492.06 471.05990 (17022508) 653889.42
4188507.59 458.69518 (17121401)
653849.95 4188523.13 472.18240 (17120207) 654360.69
4188005.33 406.06132 (14022208)
654363.84 4187960.91 370.07857 (16010203) 654366.98
4187916.49 356.58985 (17122719)
654449.53 4188054.14 322.03142 (14021603) 654430.87
4188093.20 327.88652 (16120418)
654412.21 4188132.25 340.09059 (15122617) 654393.54
4188171.31 345.00546 (15010317)
654374.88 4188210.37 340.39460 (14011317) 654356.21
4188249.43 343.59764 (14022307)
654337.55 4188288.49 344.87652 (17120617) 654318.89
4188327.54 362.68040 (17121119)
654300.22 4188366.60 368.58978 (17123020) 654281.56
4188405.66 340.60547 (17120122)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4188309.60   244.19783 (13020908)
        654514.54   4188349.73   241.61321 (14122608)   654495.37
4188389.86   241.34806 (14012706)
        654476.19   4188429.99   262.54368 (17121119)   654457.01
4188470.12   266.79953 (17123020)
        654437.84   4188510.25   232.65882 (13121217)   654418.66
4188550.39   261.14831 (17022407)
        654399.49   4188590.52   237.39674 (17120205)   654369.20
4188618.73   245.04937 (17022408)
        654327.82   4188635.02   261.48952 (17122321)   654286.43
4188651.31   265.33701 (17012601)
        654245.05   4188667.60   256.60347 (17022706)   654203.66
4188683.89   256.36622 (17011608)
        654162.27   4188700.18   274.07091 (17021405)   654120.89
4188716.48   265.64622 (17121904)
        654079.50   4188732.77   249.90123 (17122223)   654038.11
4188749.06   274.91339 (17022508)
        653996.73   4188765.35   245.22787 (17021601)   653955.34
4188781.64   260.04628 (17121401)
        653913.96   4188797.93   276.16705 (17120207)   653872.57
4188814.22   238.29662 (17012905)
        654659.94   4188026.54   234.42783 (14022208)   654663.09
4187982.12   224.30099 (13123017)
        654666.23   4187937.70   207.23070 (17122621)   654898.35
4188086.07   159.34993 (15020206)
        654879.57   4188125.37   166.85228 (15122424)   654860.79
4188164.67   165.23694 (16120418)
        654842.01   4188203.98   169.52446 (17122919)   654823.23
4188243.28   175.18260 (15122617)
        654804.45   4188282.58   177.28677 (15010317)   654785.67
4188321.88   174.88362 (15010318)
        654766.89   4188361.18   175.30715 (14011317)   654748.11
4188400.48   175.90043 (13020908)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654729.33	4188439.79	176.45014	(14022307)	654710.55	4188479.09	178.51319	(17120617)
654691.77	4188518.39	176.13568	(14012706)	654672.99	4188557.69	190.19611	(17121119)
654654.21	4188596.99	191.44359	(17123020)	654635.43	4188636.29	171.74928	(17123020)
654616.65	4188675.60	174.49459	(17120122)	654597.87	4188714.90	188.84847	(17022407)
654579.09	4188754.20	169.40390	(14011617)	654540.05	4188801.48	175.52900	(17022408)
654499.51	4188817.43	187.80249	(17122321)	654458.98	4188833.39	172.00682	(17012601)
654418.45	4188849.34	193.67351	(17012601)	654377.92	4188865.30	186.48909	(17022706)
654337.39	4188881.25	182.23118	(17022324)	654296.86	4188897.21	199.12369	(17021405)
654256.33	4188913.16	189.54666	(17121904)	654215.80	4188929.11	179.40254	(17121904)
654175.27	4188945.07	178.28525	(17122223)	654134.74	4188961.02	192.83844	(17022508)
654094.21	4188976.98	186.01951	(17022508)	654053.68	4188992.93	183.18914	(17121401)
654013.14	4189008.89	183.55575	(17121401)	653972.61	4189024.84	195.82332	(17120207)
653932.08	4189040.80	182.85208	(17012905)	653891.55	4189056.75	164.32738	(16010408)
653851.02	4189072.71	163.55435	(17021222)	654909.31	4188044.21	167.20465	(14022208)
654912.46	4187999.79	164.42756	(13123017)	654915.61	4187955.37	150.41056	(16010203)
655147.64	4188103.92	123.68116	(15020206)	655128.69	4188143.58	126.85720	(14021603)
655109.74	4188183.24	125.02146	(14021120)	655090.79	4188222.90	130.53190	(16120418)
655071.84	4188262.56	130.17688	(15021405)	655052.88	4188302.22	134.13526	(15122617)
655033.93	4188341.88	134.29965	(13020204)	655014.98	4188381.54	132.22549	(15010317)
654996.03	4188421.19	135.44969	(14010220)	654977.08	4188460.85	135.73187	(14022106)
654958.13	4188500.51	134.67167	(16120603)	654939.18	4188540.17	135.07054	(14022307)
654920.23	4188579.83	135.57282	(17120617)	654901.28	4188619.49	133.18625	(14012706)

654882.33 4188659.15 148.78243 (13103008) 654863.38
4188698.81 147.59982 (17121119)
654844.43 4188738.47 147.76737 (17123020) 654825.48
4188778.12 130.06681 (17123020)
654806.53 4188817.78 128.29612 (17120122) 654787.58
4188857.44 144.33552 (13121109)
654768.63 4188897.10 140.51657 (13121109) 654749.68
4188936.76 133.10837 (17120205)
654710.28 4188984.47 133.67067 (17022408) 654669.38
4189000.57 143.08084 (17122321)
654628.48 4189016.67 130.52075 (17122321) 654587.58
4189032.77 145.38564 (17012601)
654546.68 4189048.87 141.55492 (17012601) 654505.78
4189064.97 143.58876 (17022706)
654464.88 4189081.07 137.83827 (17022324) 654423.98
4189097.17 151.27065 (17021405)
654383.08 4189113.27 140.58307 (17021405) 654342.18
4189129.37 147.25298 (17121904)
654301.28 4189145.46 136.42355 (17122223) 654260.38
4189161.56 134.27037 (17041006)
654219.48 4189177.66 147.00840 (17022508) 654178.58
4189193.76 143.85626 (17022508)
654137.68 4189209.86 133.92435 (17021601) 654096.79
4189225.96 144.89024 (17121401)
654055.89 4189242.06 144.02006 (17123005) 654014.99
4189258.16 151.16777 (17120207)
653974.09 4189274.26 139.04048 (17012905) 653933.19
4189290.36 124.69258 (16010408)
653892.29 4189306.46 123.05644 (13121321) 653851.39
4189322.56 128.96616 (17021222)
655158.69 4188061.88 127.20577 (14022208) 655161.83
4188017.46 127.35481 (14022208)
655164.98 4187973.04 120.85965 (16010203) 655396.95
4188121.72 99.45765 (15020206)
655377.88 4188161.63 101.19314 (14021603) 655358.81
4188201.54 102.01470 (15122424)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655339.74	4188241.45	99.69456	(15122502)	655320.67	4188281.35	104.47321	(16120418)
655301.60	4188321.26	104.78156	(15021405)	655282.53	4188361.17	107.14784	(15122617)
655263.46	4188401.08	107.33685	(13020204)	655244.39	4188440.99	108.44675	(15010317)
655225.32	4188480.90	107.39280	(15010318)	655206.25	4188520.80	106.72576	(14011317)
655187.19	4188560.71	108.33550	(14022106)	655168.12	4188600.62	108.13561	(16120603)
655149.05	4188640.53	107.85045	(14022307)	655129.98	4188680.44	106.87645	(14022207)
655110.91	4188720.35	106.89022	(17120617)	655091.84	4188760.25	120.15758	(13103008)
655072.77	4188800.16	136.48441	(13103008)	655053.70	4188840.07	120.03029	(13103008)
655034.63	4188879.98	118.00583	(17123020)	655015.56	4188919.89	102.82661	(17123020)
654996.49	4188959.80	102.42639	(13121217)	654977.42	4188999.70	124.72473	(13121109)
654958.35	4189039.61	130.15440	(13121109)	654939.28	4189079.52	115.63497	(13121109)
654920.21	4189119.43	106.01056	(17120205)	654880.56	4189167.44	106.15199	(17022408)
654839.40	4189183.64	113.70191	(17122321)	654798.25	4189199.84	107.49712	(17122321)
654757.09	4189216.04	109.65186	(17012601)	654715.93	4189232.24	117.69466	(17012601)
654674.78	4189248.44	109.50403	(17022604)	654633.62	4189264.64	114.04581	(17022706)
654592.46	4189280.84	109.96851	(17011608)	654551.31	4189297.04	119.71661	(17021405)
654510.15	4189313.25	116.02994	(17021405)	654468.99	4189329.45	117.94030	(17121904)
654427.84	4189345.65	109.15494	(17121904)	654386.68	4189361.85	109.83222	(17122223)
654345.53	4189378.05	106.99641	(17120204)	654304.37	4189394.25	116.95774	(17022508)
654263.21	4189410.45	115.59555	(17022508)	654222.06	4189426.65	102.85114	(17021601)
654180.90	4189442.85	113.24098	(17121401)	654139.74			

4189459.05   112.39024 (17121401)
        654098.59   4189475.25   113.59380 (17123005)   654057.43
4189491.45   120.62977 (17120207)
        654016.27   4189507.66   110.47112 (17012905)   653975.12
4189523.86   98.53800 (16120522)
        653933.96   4189540.06   98.49281 (13121321)   653892.80
4189556.26   101.27326 (17021222)
        653851.65   4189572.46   98.69071 (17021222)   655408.06
4188079.56   100.99363 (14022208)
        655411.21   4188035.14   102.86010 (14022208)   655414.36
4187990.72   97.88790 (16010203)
        655646.28   4188139.49   82.16093 (15020206)   655627.13
4188179.58   82.27560 (14021603)
        655607.97   4188219.67   83.76138 (15122424)   655588.81
4188259.76   82.17137 (14021120)
        655569.65   4188299.86   84.34144 (16120418)   655550.49
4188339.95   85.03969 (17122919)
        655531.34   4188380.04   86.53288 (15021405)   655512.18
4188420.13   88.23922 (15122617)
        655493.02   4188460.22   88.14535 (13020204)   655473.86
4188500.32   90.10539 (15010317)
        655454.71   4188540.41   87.51329 (15010318)   655435.55
4188580.50   89.24519 (14010220)
        655416.39   4188620.59   87.86778 (14011317)   655397.23
4188660.69   88.50671 (13020908)
        655378.08   4188700.78   89.09583 (16120603)   655358.92
4188740.87   88.80229 (14022307)
        655339.76   4188780.96   88.24815 (14022207)   655320.60
4188821.06   89.67151 (17120617)
        655301.44   4188861.15   95.16962 (13103008)   655282.29
4188901.24   119.04039 (13103008)
        655263.13   4188941.33   120.76019 (13103008)   655243.97
4188981.42   99.47665 (13103008)
        655224.81   4189021.52   96.77348 (17123020)   655205.66
4189061.61   84.41638 (16020806)
        655186.50   4189101.70   85.76247 (13121109)   655167.34
4189141.79   108.06030 (13121109)
        655148.18   4189181.89   118.31434 (13121109)   655129.03
4189221.98   112.96634 (13121109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2

, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655109.87	4189262.07	94.46728	(13121109)	655090.71	4189302.16	85.72615	(17120205)
655050.88	4189350.39	95.54520	(13121809)	655009.53	4189366.67	94.66066	(13121809)
654968.19	4189382.94	90.26864	(17122321)	654926.84	4189399.22	83.76379	(17012601)
654885.49	4189415.50	95.83123	(17012601)	654844.15	4189431.77	93.89698	(17012601)
654802.80	4189448.05	91.53108	(17022706)	654761.46	4189464.32	92.88278	(17022706)
654720.11	4189480.60	90.69140	(17011608)	654678.76	4189496.87	97.64432	(17021405)
654637.42	4189513.15	97.39008	(17021405)	654596.07	4189529.42	94.01948	(17121904)
654554.72	4189545.70	95.87717	(17121904)	654513.38	4189561.98	87.15175	(17122223)
654472.03	4189578.25	89.60849	(17122223)	654430.68	4189594.53	90.15524	(17120204)
654389.34	4189610.80	95.97741	(17022508)	654347.99	4189627.08	95.53381	(17022508)
654306.65	4189643.35	83.97462	(16020603)	654265.30	4189659.63	89.16559	(17021601)
654223.95	4189675.90	94.76574	(17121401)	654182.61	4189692.18	93.47501	(17123005)
654141.26	4189708.46	94.11502	(17120207)	654099.91	4189724.73	98.81338	(17120207)
654058.57	4189741.01	90.58738	(17012905)	654017.22	4189757.28	81.28911	(16120522)
653975.88	4189773.56	81.33712	(16010408)	653934.53	4189789.83	81.10987	(16021023)
653893.18	4189806.11	84.77994	(17021222)	653851.84	4189822.38	84.57726	(17012720)
655657.44	4188097.23	82.71439	(14022208)	655660.58	4188052.81	85.18465	(14022208)
655663.73	4188008.39	81.09381	(13123017)	656145.10	4188174.70	59.47616	(15020206)
656126.06	4188214.53	57.22750	(15020206)	656107.03	4188254.36	60.38168	(14021603)

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        656088.00   4188294.18       60.85981  (15122424)                656068.97
4188334.01       59.36155  (14021120)
        656049.94   4188373.84       59.77097  (15122502)                656030.91
4188413.67       62.46174  (16120418)
        656011.87   4188453.50       66.59801  (13121709)                655992.84
4188493.33       70.56609  (13121709)
        655973.81   4188533.16       64.03414  (15122617)                655954.78
4188572.98       62.55103  (15121621)
        655935.75   4188612.81       64.01867  (15010317)                655916.72
4188652.64       64.55000  (15010317)
        655897.68   4188692.47       63.56132  (15010318)                655878.65
4188732.30       64.32739  (14010220)
        655859.62   4188772.13       63.48872  (14011317)                655840.59
4188811.95       64.82662  (14022106)
        655821.56   4188851.78       64.15024  (13020908)                655802.53
4188891.61       64.48498  (16120603)
        655783.50   4188931.44       64.80199  (14022307)                655764.46
4188971.27       63.34772  (14122608)
        655745.43   4189011.10       64.53972  (17120617)                655726.40
4189050.92       64.10473  (17120617)
        655707.37   4189090.75       74.99322  (13103008)                655688.34
4189130.58       95.97794  (13103008)
        655669.31   4189170.41      104.64679  (13103008)                655650.27
4189210.24       97.35980  (13103008)
        655631.24   4189250.07       77.45307  (13103008)                655612.21
4189289.89       70.42119  (17123020)
        655593.18   4189329.72       63.96857  (17123020)                655574.15
4189369.55       60.72257  (16020806)
        655555.12   4189409.38       75.16032  (13121109)                655536.09
4189449.21       90.94409  (13121109)
        655517.05   4189489.04       99.44159  (13121109)                655498.02
4189528.86       98.43290  (13121109)
        655478.99   4189568.69       88.41248  (13121109)                655459.96
4189608.52       72.23501  (13121109)
        655440.93   4189648.35       61.96311  (17120205)                655421.90
4189688.18       72.02064  (13121809)
        655391.84   4189716.18       81.00337  (13121809)                655350.77
4189732.34       80.51391  (13121809)
        655309.70   4189748.51       70.22071  (13121809)                655268.62
4189764.68       60.06426  (17122321)
        655227.55   4189780.85       62.36526  (17012601)                655186.47
4189797.02       69.14593  (17012601)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 654
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655145.40	4189813.19	68.63341	(17012601)	655104.32	4189829.36	64.89020	(17022604)
655063.25	4189845.52	67.38902	(17022706)	655022.18	4189861.69	65.88013	(17022706)
654981.10	4189877.86	64.52270	(17011608)	654940.03	4189894.03	69.35006	(17011608)
654898.95	4189910.20	71.72496	(17021405)	654857.88	4189926.37	67.23314	(17021405)
654816.81	4189942.53	68.48590	(17121904)	654775.73	4189958.70	69.73110	(17121904)
654734.66	4189974.87	64.02051	(17031322)	654693.58	4189991.04	64.62403	(17122223)
654652.51	4190007.21	63.34761	(17041006)	654611.44	4190023.38	64.99958	(17120204)
654570.36	4190039.54	69.40232	(17120204)	654529.29	4190055.71	69.88910	(17022508)
654488.21	4190071.88	65.32044	(17022508)	654447.14	4190088.05	60.21998	(15011408)
654406.06	4190104.22	64.21859	(17031102)	654364.99	4190120.39	68.10996	(17121401)
654323.92	4190136.55	66.20791	(17121401)	654282.84	4190152.72	68.47576	(17123005)
654241.77	4190168.89	68.63438	(17120207)	654200.69	4190185.06	71.64350	(17120207)
654159.62	4190201.23	66.33127	(17012905)	654118.55	4190217.40	61.31264	(17012905)
654077.47	4190233.57	58.52454	(16010408)	654036.40	4190249.73	58.42298	(16010408)
653995.32	4190265.90	58.70273	(14012409)	653954.25	4190282.07	66.28193	(14012409)
653913.18	4190298.24	65.00226	(14012409)	653872.10	4190314.41	62.09525	(17012720)
656156.18	4188132.58	59.23446	(14022208)	656159.33	4188088.16	61.77835	(14022208)
656162.48	4188043.74	59.84290	(13123017)	656643.78			

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4188210.17       45.51452  (15020206)
        656624.63   4188250.25       44.86351  (15020206)                656605.48
4188290.33       45.47459  (14021603)
        656586.33   4188330.41       46.21906  (14021603)                656567.18
4188370.49       46.71098  (15122424)
        656548.02   4188410.58       45.49328  (14021120)                656528.87
4188450.66       45.83350  (15122502)
        656509.72   4188490.74       47.67853  (16120418)                656490.57
4188530.82       52.14539  (13121709)
        656471.41   4188570.90       60.20277  (13121709)                656452.26
4188610.98       60.92128  (13121709)
        656433.11   4188651.06       53.93203  (13121709)                656413.96
4188691.14       48.10579  (15121621)
        656394.81   4188731.22       49.11612  (13020204)                656375.65
4188771.30       50.05721  (15010317)
        656356.50   4188811.38       48.08367  (15010317)                656337.35
4188851.46       49.16864  (15010318)
        656318.20   4188891.55       49.43295  (14010220)                656299.04
4188931.63       48.54429  (14010220)
        656279.89   4188971.71       49.33632  (14022106)                656260.74
4189011.79       49.13154  (14022106)
        656241.59   4189051.87       48.76943  (16120603)                656222.44
4189091.95       49.21607  (16120603)
        656203.28   4189132.03       49.68572  (14022307)                656184.13
4189172.11       48.87666  (14122608)
        656164.98   4189212.19       49.04647  (14022207)                656145.83
4189252.27       50.11194  (17120617)
        656126.68   4189292.35       48.11893  (13103008)                656107.52
4189332.43       67.51611  (13103008)
        656088.37   4189372.51       83.46407  (13103008)                656069.22
4189412.60       90.98345  (13103008)
        656050.07   4189452.68       87.55277  (13103008)                656030.91
4189492.76       74.46270  (13103008)
        656011.76   4189532.84       56.05610  (13103008)                655992.61
4189572.92       53.52359  (17123020)
        655973.46   4189613.00       48.11441  (17123020)                655954.31
4189653.08       46.84212  (16020806)
        655935.15   4189693.16       58.27601  (13121109)                655916.00
4189733.24       72.11092  (13121109)
        655896.85   4189773.32       82.36149  (13121109)                655877.70
4189813.40       86.93304  (13121109)
        655858.54   4189853.48       84.92223  (13121109)                655839.39
4189893.57       76.90678  (13121109)
        655820.24   4189933.65       64.68491  (13121109)                655801.09
4189973.73       50.63070  (13121109)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655781.94	4190013.81	53.48652	(13121809)	655762.78	4190053.89	64.57472	(13121809)
655732.54	4190082.06	70.67655	(13121809)	655691.21	4190098.34	70.28804	(13121809)
655649.87	4190114.61	63.16723	(13121809)	655608.54	4190130.88	51.20542	(13121809)
655567.20	4190147.15	43.92950	(16012704)	655525.87	4190163.42	49.08767	(17012601)
655484.53	4190179.69	53.13773	(17012601)	655443.20	4190195.96	52.76880	(17012601)
655401.87	4190212.23	48.92779	(17022604)	655360.53	4190228.50	50.40053	(17022706)
655319.20	4190244.77	51.71029	(17022706)	655277.86	4190261.04	50.45017	(17022324)
655236.53	4190277.31	49.69501	(17011608)	655195.19	4190293.59	53.19298	(17011608)
655153.86	4190309.86	54.82825	(17021405)	655112.52	4190326.13	53.52159	(17021405)
655071.19	4190342.40	48.02634	(17121904)	655029.86	4190358.67	53.44912	(17121904)
654988.52	4190374.94	53.20563	(17121904)	654947.19	4190391.21	49.27006	(17031322)
654905.85	4190407.48	48.78478	(17122223)	654864.52	4190423.75	49.41835	(17122223)
654823.18	4190440.02	48.42285	(17041006)	654781.85	4190456.29	51.18371	(17120204)
654740.51	4190472.57	53.24045	(17120204)	654699.18	4190488.84	53.40507	(17022508)
654657.85	4190505.11	50.96736	(17022508)	654616.51	4190521.38	46.43235	(16020603)
654575.18	4190537.65	47.16778	(17021601)	654533.84	4190553.92	49.58464	(17031102)

654492.51 4190570.19 52.18390 (17121401) 654451.17
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654409.84 4190602.73 52.23004 (17123005) 654368.50
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654327.17 4190635.27 54.35473 (17120207) 654285.84
4190651.54 54.40863 (17120207)
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656818.48 4188923.68 39.88101 (15010317) 656799.42
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656780.35 4189003.47 39.35502 (15010318) 656761.29
4189043.37 39.32809 (14010220)
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4189202.96 39.16731 (13020908)
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4189282.75 39.40141 (16120603)
656627.84 4189322.65 39.88515 (14022307) 656608.77
4189362.54 39.22678 (14122608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4190496.45 48.75492 (13121809)
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655744.30 4190577.43 42.34547 (17012601) 655703.16
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654016.21 4191257.68 51.68996 (14012409) 653975.07
4191273.87 48.69007 (14012409)
653933.92 4191290.07 42.13213 (14012409) 653892.78

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        657219.99   4189162.52       32.48425  (15010318)                657200.84
4189202.59       32.41528  (14010220)
        657181.69   4189242.67       32.46478  (14010220)                657162.55
4189282.74       32.20085  (13011303)
        657143.40   4189322.82       32.62200  (14022106)                657124.25
4189362.89       32.44536  (14022106)
        657105.10   4189402.97       32.27641  (13011307)                657085.95
4189443.04       32.61629  (16120603)
        657066.80   4189483.12       32.36808  (14022307)                657047.65
4189523.19       32.79138  (14022307)
        657028.50   4189563.27       32.28796  (14122608)                657009.35
4189603.34       32.05014  (14022207)
        656990.20   4189643.42       32.23642  (14022207)                656971.05
4189683.49       33.01894  (17120617)
        656951.90   4189723.57       32.08233  (17120617)                656932.75
4189763.65       39.72348  (13103008)
        656913.60   4189803.72       52.51887  (13103008)                656894.45
4189843.80       63.80003  (13103008)
        656875.30   4189883.87       71.22565  (13103008)                656856.15
4189923.95       73.10933  (13103008)
        656837.00   4189964.02       69.03882  (13103008)                656817.85
4190004.10       60.01455  (13103008)
        656798.70   4190044.17       48.05473  (13103008)                656779.55
4190084.25       35.83702  (17123020)
        656760.41   4190124.32       35.08206  (17123020)                656741.26
4190164.40       32.11457  (17123020)
        656722.11   4190204.47       31.02097  (16020806)                656702.96
4190244.55       33.77434  (13121109)
        656683.81   4190284.62       43.44178  (13121109)                656664.66
4190324.70       52.95086  (13121109)
        656645.51   4190364.77       61.16939  (13121109)                656626.36
4190404.85       67.00301  (13121109)
        656607.21   4190444.92       69.61812  (13121109)                656588.06
4190485.00       68.68450  (13121109)
        656568.91   4190525.08       64.38245  (13121109)                656549.76
4190565.15       57.38837  (13121109)
        656530.61   4190605.23       48.68738  (13121109)                656511.46
4190645.30       39.35938  (13121109)
        656492.31   4190685.38       34.40266  (13121809)                656473.16
4190725.45       43.25329  (13121809)
        656454.01   4190765.53       50.72535  (13121809)                656414.20
4190813.74       56.84036  (13121809)
        656372.87   4190830.01       56.61159  (13121809)                656331.54
4190846.27       52.68020  (13121809)
        656290.21   4190862.54       45.75327  (13121809)                656248.88
4190878.81       37.05599  (13121809)
        656207.56   4190895.08       28.94337  (16012704)                656166.23
4190911.35       30.00794  (17031023)
        656124.90   4190927.62       33.03974  (17012601)                656083.57
4190943.89       34.91639  (17012601)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655876.93	4191025.23	33.88336	(17022706)	655835.60	4191041.50	33.11167	(17022706)
655794.27	4191057.77	32.82766	(17022324)	655752.94	4191074.03	32.36777	(17011608)
655711.61	4191090.30	34.75319	(17011608)	655670.28	4191106.57	35.04943	(17021405)
655628.95	4191122.84	36.04045	(17021405)	655587.62	4191139.11	34.93969	(17021405)
655546.30	4191155.38	31.92171	(17021405)	655504.97	4191171.65	33.40766	(17121904)
655463.64	4191187.91	35.49433	(17121904)	655422.31	4191204.18	35.02345	(17121904)
655380.98	4191220.45	32.65399	(17031322)	655339.65	4191236.72	31.64816	(15012109)
655298.32	4191252.99	32.11036	(17122223)	655257.00	4191269.26	32.32893	(17122223)
655215.67	4191285.53	31.81628	(17041006)	655174.34	4191301.80	31.04650	(17041006)
655133.01	4191318.06	34.06182	(17120204)	655091.68	4191334.33	35.13183	(17120204)
655050.35	4191350.60	34.69538	(17022508)	655009.02	4191366.87	34.38337	(17022508)
654967.69	4191383.14	32.37621	(17022508)	654926.37			

4191399.41 30.41259 (16020603)
654885.04 4191415.68 30.27622 (15011408) 654843.71
4191431.94 31.60759 (17021601)
654802.38 4191448.21 32.63294 (17031102) 654761.05
4191464.48 34.02112 (17121401)
654719.72 4191480.75 33.94087 (17121401) 654678.39
4191497.02 32.35222 (17123005)
654637.06 4191513.29 34.52002 (17123005) 654595.74
4191529.56 34.12935 (17123005)
654554.41 4191545.82 34.34645 (17120207) 654513.08
4191562.09 36.16917 (17120207)
654471.75 4191578.36 35.57618 (17120207) 654430.42
4191594.63 33.26185 (17012905)
654389.09 4191610.90 31.91871 (17012905) 654347.76
4191627.17 30.44226 (17030903)
654306.43 4191643.44 29.48085 (16120522) 654265.11
4191659.71 29.75508 (16010408)
654223.78 4191675.97 29.23928 (16010408) 654182.45
4191692.24 35.07132 (14012409)
654141.12 4191708.51 41.49320 (14012409) 654099.79
4191724.78 45.59969 (14012409)
654058.46 4191741.05 46.60469 (14012409) 654017.13
4191757.32 44.32962 (14012409)
653975.80 4191773.59 39.27940 (14012409) 653934.48
4191789.85 32.45641 (14012409)
653893.15 4191806.12 33.38311 (17012720) 653851.82
4191822.39 36.84423 (14012009)
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657658.73 4188149.77 30.76972 (14022208) 653819.03
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653794.25 4187851.96 3535.37718 (17012903) 653769.47
4187851.29 3716.69345 (17122701)
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4187835.82 2539.68945 (17011508)
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653745.36 4187825.64 2984.68326 (17123009) 653720.58
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653880.33 4187845.79 2353.67698 (17122320) 653795.59
4187801.97 2444.84609 (17012804)
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653721.25 4187799.99 2471.55398 (17011609) 653696.47
4187799.33 2354.77587 (15010901)
653838.88 4187785.84 2099.30594 (17020801) 653874.58

4187802.23   1904.28441 (17012908)
        653898.85   4187828.99   2000.90666 (17122320)   653796.25
4187776.98   2049.77278 (17122701)
        653771.47   4187776.32   2159.14124 (17122917)   653746.70
4187775.66   2134.19574 (17123009)
        653721.92   4187775.00   2091.40159 (17123009)   653697.14
4187774.34   2045.07754 (17011609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654003.19 4187849.32 1110.20800 (17122619) 653798.92 4187677.02 1289.71989 (17013024)
653774.15 4187676.36 1358.09228 (17122917) 653749.37 4187675.70 1324.00147 (17123009)
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653847.35 4187637.94 1087.58484 (17122319) 653869.66 4187648.19 1123.57971 (17122920)
653891.97 4187658.43 1072.67869 (17012903) 653914.29 4187668.68 1092.08887 (17020801)
653936.60 4187678.92 1045.92911 (17120120) 653958.91 4187689.17 964.48498 (17011508)
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653725.92 4187625.05 1176.23387 (17123009) 653701.15 4187624.39 1030.01430 (17122820)
653847.79 4187587.55 927.41489 (17012520) 653869.21 4187597.39 943.61850 (17012804)
653890.63 4187607.22 953.72268 (17122920) 653912.05 4187617.06 914.24072 (17012903)
653933.47 4187626.89 948.02828 (17020801) 653954.89 4187636.72 869.01457 (17120120)
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654071.39 4187765.16 1010.72132 (17011509) 654079.09 4187787.44 819.49636 (17011509)
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653826.37 4187577.72 905.59534 (17013024) 653801.59 4187577.06 947.76836 (17122917)
653776.82 4187576.39 864.32252 (17120822) 653752.04 4187575.73 925.87164 (17011719)
653727.26 4187575.07 1005.59311 (17123009) 653702.48 4187574.41 871.45349 (17122820)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654056.78	4187632.91	670.34227	(17120121)	654085.10	4187664.13	689.29352	(17122320)
654092.59	4187685.79	732.91541	(17122320)	654100.08	4187707.44	756.88845	(17121219)
654107.57	4187729.10	833.99694	(17011509)	654115.06	4187750.76	835.47949	(17011509)
654122.55	4187772.41	610.17295	(17011509)	654130.04	4187794.07	654.62294	(17122619)
654137.53	4187815.73	646.77554	(17020824)	654145.02	4187837.38	613.60534	(17011303)
654152.51	4187859.04	622.26518	(17121319)	654159.99	4187880.70	625.06603	(17010504)
653827.71	4187527.73	727.88024	(17013024)	653802.93	4187527.07	820.13953	(17122917)
653778.15	4187526.41	724.66824	(17120822)	653753.37	4187525.75	795.62706	(17011719)
653728.60	4187525.09	870.57797	(17123009)	653703.82			

4187524.42 735.66531 (17122820)
653851.80 4187437.61 583.79501 (17013024) 653873.22
4187447.44 610.30268 (17012520)
653894.64 4187457.27 602.60716 (17012520) 653916.06
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653937.48 4187476.94 641.01317 (17122518) 653958.90
4187486.78 612.10107 (17012903)
653980.32 4187496.61 589.42429 (17012903) 654001.74
4187506.45 638.39058 (17020801)
654023.16 4187516.28 543.48192 (17011208) 654044.58
4187526.12 594.28622 (17120120)
654066.00 4187535.95 561.79541 (17011508) 654087.42
4187545.79 528.54994 (17012908)
654108.84 4187555.62 564.37448 (17012908) 654130.26
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654174.79 4187642.12 584.44866 (17121219) 654182.49
4187664.39 589.41834 (17121320)
654190.20 4187686.67 662.45205 (17011509) 654197.90
4187708.94 618.08206 (17011509)
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654221.01 4187775.77 480.03062 (17020824) 654228.72
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654236.42 4187820.32 484.10791 (17011303) 654244.12
4187842.59 486.82518 (17121319)
654251.83 4187864.87 478.39753 (17010504) 654259.53
4187887.15 495.69598 (17122519)
653830.38 4187427.77 610.10673 (17122917) 653805.60
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653780.82 4187426.45 557.44719 (15011509) 653756.04
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653731.27 4187425.12 673.87519 (17123009) 653706.49
4187424.46 546.17285 (17123009)
653854.87 4187337.82 468.69511 (17122917) 653876.68
4187347.84 482.80962 (17013024)
653898.50 4187357.86 495.07447 (17012520) 653920.32
4187367.87 490.83212 (17012520)
653942.13 4187377.89 509.91979 (17012804) 653963.95
4187387.91 519.18838 (17122518)
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4187407.94 501.99066 (17012903)
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654160.30 4187478.06 451.66926 (17012908) 654182.12

4187488.07   438.49366 (17012908)
        654203.93   4187498.09   398.54579 (17120121)   654233.60
4187530.80   403.16084 (17122320)
        654241.44   4187553.48   457.88039 (17122320)   654249.29
4187576.17   452.77702 (17121219)
        654257.14   4187598.86   462.56997 (17121219)   654264.98
4187621.55   485.82232 (17011509)
        654272.83   4187644.23   534.04995 (17011509)   654280.68
4187666.92   476.74109 (17011509)
        654288.52   4187689.61   357.48190 (17012523)   654296.37
4187712.30   403.10615 (17122619)
        654304.21   4187734.99   385.87940 (17121906)   654312.06
4187757.67   396.76279 (17020824)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                   INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

653902.02 4187258.28 407.57976 (17013024) 653924.12
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4187288.72 422.56612 (17122319)
653990.42 4187298.87 419.74555 (17122518) 654012.52
4187309.02 432.26124 (17122920)
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4187329.31 409.37849 (17012903)
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654307.77 4187463.91 324.41125 (17122320) 654315.72
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654323.67 4187509.87 365.26005 (17122320) 654331.62
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4187227.18 362.34442 (17120822)
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4187189.34 348.94089 (17012520)

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654039.20 4187220.08 367.60829 (17122518) 654061.52
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4187271.30 353.43214 (17020801)
654173.08 4187281.54 303.49858 (17011208) 654195.39
4187291.79 334.61024 (17120120)
654217.71 4187302.03 324.96012 (17120120) 654240.02
4187312.28 318.90339 (17011508)
654262.33 4187322.52 296.90049 (17011508) 654284.64
4187332.77 314.30385 (17012908)
654306.96 4187343.01 316.37301 (17012908) 654329.27
4187353.25 293.35017 (17120121)
↟ *** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** *** *** 07:02:13

PAGE 662
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- - - -

4187628.98 276.41658 (17122619)
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4187675.39 265.68166 (17121906)
654486.24 4187698.59 275.03195 (17020824) 654494.26
4187721.80 248.00119 (17011303)
654502.29 4187745.00 269.59191 (17011303) 654510.31
4187768.20 261.74829 (17121319)
654518.34 4187791.41 269.62149 (17121319) 654526.36
4187814.61 265.56358 (17010504)
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654550.43 4187884.22 265.43002 (17122719) 654558.46
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4187446.81   283.49856 (17121320)
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4187493.56   319.74318 (17011509)
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4187540.32   258.07775 (17011509)
        654536.89   4187563.69   213.70572 (17012523)   654544.97
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        654553.06   4187610.44   240.00495 (17122619)   654561.14
4187633.82   230.78363 (17121906)
        654569.23   4187657.19   237.66999 (17020824)   654577.31
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        654585.39   4187703.94   224.59680 (17011303)   654593.48
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        654601.56   4187750.69   229.22765 (17121319)   654609.65
4187774.07   230.07968 (17121319)
        654617.73   4187797.45   228.26739 (17010504)   654625.81
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        654633.90   4187844.20   236.14190 (17122519)   654641.98
4187867.57   229.59484 (17122719)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 664
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                 INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        653921.66   4186558.97      205.67713  (15041307)               653944.08
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4187343.63   123.82049 (17012523)
        654955.37   4187366.94   118.95755 (17022307)   654963.43
4187390.26   130.15204 (17122619)
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4187763.24   132.38520 (17122519)
        655100.49   4187786.55   131.12437 (17122519)   655108.55
4187809.86   128.05480 (17122719)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        654869.10   4186740.99      121.43956  (17012908)               654891.50
4186751.27      125.92086  (15030608)
        654913.90   4186761.55      136.23483  (15030608)               654936.30
4186771.84      137.93760  (15030608)
        654958.70   4186782.12      130.83946  (15030608)               654981.10
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        655011.55   4186825.99       98.55958  (15021508)               655019.61
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        655059.89   4186965.76      121.13237  (17121219)               655067.95
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        655076.00   4187012.34      126.40815  (17121219)               655084.06
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        655092.12   4187058.93      128.41924  (17121320)               655100.17
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4187128.82      143.90205  (17011509)
        655124.34   4187152.11      142.09044  (17011509)               655132.40
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 666
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        655172.68   4187291.88      103.93767  (17122619)                655180.73
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4187361.76      103.07476  (17121906)
        655204.90   4187385.06      102.98112  (17121906)                655212.96
4187408.35      105.53359  (17020824)
        655221.01   4187431.65      106.99547  (17020824)                655229.07
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4187781.07      102.47842  (17122719)
        655349.91   4187804.36      102.64098  (17122719)                655357.96
4187827.65       96.89575  (17122719)
        655366.02   4187850.95       95.43114  (17122621)                655374.08
4187874.24       99.68253  (16122009)
        655382.13   4187897.54      107.77165  (16122009)                655390.19
4187920.83      106.52651  (16122009)
        655398.25   4187944.13       96.42354  (16122009)                655406.30
4187967.42       95.68627  (16010203)
        653861.09   4186278.18      175.11231  (15041307)                653836.31
4186277.52      150.70565  (15041307)
        653811.54   4186276.86      128.74918  (17011719)                653786.76
4186276.19      130.78128  (17011719)
        653761.98   4186275.53      138.38768  (17123009)                653737.20
4186274.87      144.03778  (17123009)
        653890.16   4186038.55      164.53387  (15041307)                653912.55
4186048.83      176.23006  (15041307)
        653934.93   4186059.11      180.80629  (15041307)                653957.32
4186069.39      177.52847  (15041307)
        653979.71   4186079.67      166.70572  (15041307)                654002.10
4186089.94      149.61875  (15041307)
        654024.49   4186100.22      128.27691  (15041307)                654046.88
4186110.50      114.38679  (17122917)
        654069.26   4186120.78      107.86243  (17122917)                654091.65
4186131.06      102.34340  (17011203)
        654114.04   4186141.34       96.23614  (17031604)                654136.43
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4186151.62   102.32860 (17013024)
        654158.82   4186161.90   111.27707 (17013024)   654181.20
4186172.18   114.83164 (17013024)
        654203.59   4186182.46   112.38846 (17013024)   654225.98
4186192.74   115.65196 (17012520)
        654248.37   4186203.01   117.16634 (17012520)   654270.76
4186213.29   112.03335 (17012520)
        654293.15   4186223.57   111.45493 (17011120)   654315.53
4186233.85   116.49870 (17122319)
        654337.92   4186244.13   117.48231 (17122319)   654360.31
4186254.41   119.37716 (17012804)
        654382.70   4186264.69   114.96760 (17012804)   654405.09
4186274.97   119.76313 (17122518)
        654427.48   4186285.25   119.68851 (17122518)   654449.86
4186295.53   119.81606 (17122920)
        654472.25   4186305.81   114.77553 (17122920)   654494.64
4186316.08   107.32534 (17012903)
        654517.03   4186326.36   113.90146 (17012903)   654539.42
4186336.64   114.59501 (17012903)
        654561.81   4186346.92   109.31480 (17012903)   654584.19
4186357.20   98.88823 (17012903)
        654606.58   4186367.48   108.40350 (17020801)   654628.97
4186377.76   116.83664 (17020801)
        654651.36   4186388.04   118.64446 (17020801)   654673.75
4186398.32   113.54834 (17020801)
        654696.13   4186408.60   102.50150 (17121708)   654718.52
4186418.88   95.61405 (17121708)
        654740.91   4186429.16   100.03040 (17011208)   654763.30
4186439.43   105.05561 (17120120)
        654785.69   4186449.71   109.86366 (17120120)   654808.08
4186459.99   108.52932 (17120120)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                    INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654830.46	4186470.27	101.33487	(17120120)	654852.85	4186480.55	98.96813	(17011508)
654875.24	4186490.83	103.94148	(17011508)	654897.63	4186501.11	102.70762	(17011508)
654920.02	4186511.39	95.55899	(17011508)	654942.41	4186521.67	85.81133	(17012908)
654964.79	4186531.95	96.32243	(17012908)	654987.18	4186542.23	102.77108	(17012908)
655009.57	4186552.50	104.29677	(17012908)	655031.96	4186562.78	100.75534	(17012908)
655054.35	4186573.06	110.39606	(15030608)	655076.74	4186583.34	120.90675	(15030608)
655099.12	4186593.62	125.30190	(15030608)	655121.51	4186603.90	122.99367	(15030608)
655143.90	4186614.18	114.43497	(15030608)	655166.29	4186624.46	101.02257	(15030608)
655196.73	4186658.02	81.42014	(15021508)	655204.78	4186681.30	84.12155	(17012607)
655212.83	4186704.58	91.46242	(17122320)	655220.88	4186727.87	99.44530	(17122320)
655228.94	4186751.15	103.11615	(17122320)	655236.99	4186774.43	101.88214	(17122320)
655245.04	4186797.71	95.83252	(17122320)	655253.09	4186821.00	100.06668	(17121219)
655261.14	4186844.28	105.32591	(17121219)	655269.19	4186867.56	105.33404	(17121219)
655277.25	4186890.84	101.98143	(17121320)	655285.30	4186914.12	106.31567	(17121320)
655293.35	4186937.41	104.88183	(17121320)	655301.40	4186960.69	111.71291	(14102408)
655309.45	4186983.97	115.01428	(14102408)	655317.51	4187007.25	118.89119	(17011509)
655325.56	4187030.54	117.80893	(17011509)	655333.61	4187053.82	111.13353	(17011509)
655341.66	4187077.10	99.76683	(17011509)	655349.71	4187100.38	85.19937	(17011509)
655357.76	4187123.66	83.31961	(17012523)	655365.82	4187146.95	77.72613	(17012523)
655373.87	4187170.23	80.17509	(17022307)	655381.92	4187193.51	85.51450	(17122619)
655389.97	4187216.79	89.70082	(17122619)	655398.02	4187240.08	89.43959	(17122619)
655406.07	4187263.36	84.74848	(17122619)	655414.13	4187286.64	85.70752	(17121906)
655422.18	4187309.92	83.85236	(17121906)	655430.23	4187333.20	88.01288	(17020824)

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        655438.28   4187356.49       88.28683  (17020824)                655446.33
4187379.77       83.80691  (17020824)
        655454.39   4187403.05       75.28007  (17020824)                655462.44
4187426.33       79.99307  (17011303)
        655470.49   4187449.62       85.38497  (17011303)                655478.54
4187472.90       86.15876  (17011303)
        655486.59   4187496.18       82.20472  (17011303)                655494.64
4187519.46       81.87898  (17121319)
        655502.70   4187542.74       86.56933  (17121319)                655510.75
4187566.03       86.62666  (17121319)
        655518.80   4187589.31       82.55079  (17010504)                655526.85
4187612.59       85.31460  (17010504)
        655534.90   4187635.87       83.48307  (17010504)                655542.95
4187659.16       79.90387  (17122519)
        655551.01   4187682.44       86.09070  (17122519)                655559.06
4187705.72       88.33203  (17122519)
        655567.11   4187729.00       86.35006  (17122519)                655575.16
4187752.28       84.42577  (17122719)
        655583.21   4187775.57       85.25792  (17122719)                655591.27
4187798.85       81.97549  (17122719)
        655599.32   4187822.13       76.27785  (17122621)                655607.37
4187845.41       83.19421  (15121209)
        655615.42   4187868.70       92.73421  (16122009)                655623.47
4187891.98       98.01738  (16122009)
        655631.52   4187915.26       96.19610  (16122009)                655639.58
4187938.54       87.76146  (16122009)
        655647.63   4187961.83       78.11659  (15121209)                655655.68
4187985.11       80.62938  (16010203)
        653867.77   4186028.27      147.25969  (15041307)                653842.99
4186027.61      125.35688  (15041307)
        653818.21   4186026.95      107.11409  (17011719)                653793.44
4186026.28      107.96159  (17011719)
        653768.66   4186025.62      112.93064  (17123009)                653743.88
4186024.96      118.53618  (17123009)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 668
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653903.50	4185538.72	119.97241	(15041307)	653925.87	4185548.99	133.08492	(15041307)
653948.24	4185559.26	143.16175	(15041307)	653970.61	4185569.54	149.29019	(15041307)
653992.98	4185579.81	150.84478	(15041307)	654015.36	4185590.08	147.53101	(15041307)
654037.73	4185600.35	139.66354	(15041307)	654060.10	4185610.62	127.92896	(15041307)
654082.47	4185620.89	113.32520	(15041307)	654104.84	4185631.17	97.08267	(15041307)
654127.22	4185641.44	83.08236	(17122917)	654149.59	4185651.71	78.88597	(17122917)
654171.96	4185661.98	75.61700	(17011203)	654194.33	4185672.25	71.55033	(17011203)
654216.70	4185682.52	70.45546	(17031604)	654239.08	4185692.80	73.76391	(17013024)
654261.45	4185703.07	79.87128	(17013024)	654283.82	4185713.34	83.24574	(17013024)
654306.19	4185723.61	83.48474	(17013024)	654328.57	4185733.88	80.53337	(17013024)
654350.94	4185744.15	84.36529	(17012520)	654373.31	4185754.43	85.71012	(17012520)
654395.68	4185764.70	83.48236	(17012520)	654418.05	4185774.97	81.08680	(17012920)
654440.43	4185785.24	81.79677	(17011120)	654462.80	4185795.51	85.04479	(17122319)
654485.17	4185805.78	86.17735	(17122319)	654507.54	4185816.06	86.93180	(17012804)
654529.91	4185826.33	86.48621	(17012804)	654552.29	4185836.60	82.95593	(17122518)
654574.66	4185846.87	87.37835	(17122518)	654597.03	4185857.14	87.86460	(17122518)
654619.40	4185867.41	87.48140	(17122920)	654641.78	4185877.69	86.46605	(17122920)
654664.15	4185887.96	81.84892	(17122920)	654686.52	4185898.23	77.29127	(17012903)
654708.89	4185908.50	82.10283	(17012903)	654731.26	4185918.77	83.88210	(17012903)
654753.64	4185929.04	82.42585	(17012903)	654776.01	4185939.32	77.90618	(17012903)
654798.38	4185949.59	70.91773	(16011007)	654820.75	4185959.86	75.72108	(17020801)
654843.12	4185970.13	82.60577	(17020801)	654865.50			

4185980.40   86.28064 (17020801)
        654887.87   4185990.67   86.29321 (17020801)   654910.24
4186000.95   82.65762 (17020801)
        654932.61   4186011.22   75.84326 (17020801)   654954.98
4186021.49   71.77566 (17121708)
        654977.36   4186031.76   69.32734 (17011208)   654999.73
4186042.03   73.05431 (17011208)
        655022.10   4186052.30   75.68082 (17120120)   655044.47
4186062.58   79.54061 (17120120)
        655066.85   4186072.85   80.18595 (17120120)   655089.22
4186083.12   77.56407 (17120120)
        655111.59   4186093.39   73.68138 (17011301)   655133.96
4186103.66   71.18784 (17011508)
        655156.33   4186113.94   75.21787 (17011508)   655178.71
4186124.21   76.00676 (17011508)
        655201.08   4186134.48   73.48412 (17011508)   655223.45
4186144.75   68.00627 (17011508)
        655245.82   4186155.02   61.22561 (16021402)   655268.19
4186165.29   67.09383 (17012908)
        655290.57   4186175.57   72.52939 (17012908)   655312.94
4186185.84   75.57093 (17012908)
        655335.31   4186196.11   75.93339 (17012908)   655357.68
4186206.38   75.73865 (15030608)
        655380.06   4186216.65   87.67871 (15030608)   655402.43
4186226.92   97.36996 (15030608)
        655424.80   4186237.20   103.78985 (15030608)   655447.17
4186247.47   106.25297 (15030608)
        655469.54   4186257.74   104.53578 (15030608)   655491.92
4186268.01   98.89719 (15030608)
        655514.29   4186278.28   90.03930 (15030608)   655536.66
4186288.55   78.92554 (15030608)
        655567.08   4186322.09   59.08446 (15021508)   655575.12
4186345.36   60.77894 (17012607)
        655583.17   4186368.62   61.50539 (17012607)   655591.22
4186391.89   67.57871 (17122320)
        655599.26   4186415.15   72.39049 (17122320)   655607.31
4186438.42   74.91400 (17122320)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                   INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655615.35	4186461.68	74.85229	(17122320)	655623.40	4186484.95	72.17572	(17122320)
655631.45	4186508.21	67.12922	(17122320)	655639.49	4186531.48	72.62361	(17121219)
655647.54	4186554.75	76.26332	(17121219)	655655.58	4186578.01	77.16416	(17121219)
655663.63	4186601.28	75.19258	(17121219)	655671.68	4186624.54	75.12096	(17121320)
655679.72	4186647.81	77.49047	(17121320)	655687.77	4186671.07	81.93738	(14102408)
655695.81	4186694.34	91.20039	(14102408)	655703.86	4186717.60	96.55319	(14102408)
655711.91	4186740.87	97.17689	(14102408)	655719.95	4186764.13	92.93227	(14102408)
655728.00	4186787.40	85.93536	(17011509)	655736.04	4186810.67	82.52979	(17011509)
655744.09	4186833.93	76.45785	(17011509)	655752.14	4186857.20	68.31141	(17011509)
655760.18	4186880.46	61.50610	(17012523)	655768.23	4186903.73	61.07300	(17012523)
655776.27	4186926.99	63.67416	(14042707)	655784.32	4186950.26	66.12187	(14042707)
655792.37	4186973.52	66.29208	(14042707)	655800.41	4186996.79	64.15677	(14042707)
655808.46	4187020.06	64.77041	(17122619)	655816.50	4187043.32	65.57346	(17122619)
655824.55	4187066.59	63.97514	(17122619)	655832.60	4187089.85	61.16987	(17121906)
655840.64	4187113.12	62.27324	(17121906)	655848.69	4187136.38	61.38321	(17121906)
655856.73	4187159.65	62.63137	(17020824)	655864.78	4187182.91	64.55950	(17020824)
655872.83	4187206.18	63.93077	(17020824)	655880.87	4187229.44	60.81869	(17020824)
655888.92	4187252.71	55.57977	(17020824)	655896.96	4187275.98	54.54206	(15120708)
655905.01	4187299.24	59.48439	(17011303)	655913.06	4187322.51	62.38759	(17011303)
655921.10	4187345.77	62.81404	(17011303)	655929.15	4187369.04	60.71808	(17011303)

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        655937.19   4187392.30       56.35723  (17011303)               655945.24
4187415.57       60.68575  (17121319)
        655953.29   4187438.83       63.16924  (17121319)               655961.33
4187462.10       63.17763  (17121319)
        655969.38   4187485.36       60.72058  (17121319)               655977.42
4187508.63       61.43992  (17010504)
        655985.47   4187531.90       62.06790  (17010504)               655993.52
4187555.16       60.26670  (17010504)
        656001.56   4187578.43       56.52570  (17122519)               656009.61
4187601.69       61.09345  (17122519)
        656017.65   4187624.96       63.71960  (17122519)               656025.70
4187648.22       64.14841  (17122519)
        656033.75   4187671.49       62.35343  (17122519)               656041.79
4187694.75       60.98504  (17122719)
        656049.84   4187718.02       62.18365  (17122719)               656057.88
4187741.28       61.17609  (17122719)
        656065.93   4187764.55       58.08796  (17122719)               656073.98
4187787.82       59.73364  (15121209)
        656082.02   4187811.08       67.81464  (15121209)               656090.07
4187834.35       74.66338  (16122009)
        656098.11   4187857.61       81.03539  (16122009)               656106.16
4187880.88       83.25817  (16122009)
        656114.20   4187904.14       81.03079  (16122009)               656122.25
4187927.41       74.75718  (16122009)
        656130.30   4187950.67       67.73063  (15121209)               656138.34
4187973.94       59.88506  (15121209)
        656146.39   4187997.20       58.71188  (16010203)               656154.43
4188020.47       58.84940  (13123017)
        653881.12   4185528.45      104.95102  (15041307)               653856.35
4185527.79       88.24547  (15041307)
        653831.57   4185527.12       78.35231  (17011719)               653806.79
4185526.46       78.21540  (17011719)
        653782.01   4185525.80       80.04441  (17123009)               653757.23
4185525.14       84.78104  (17123009)
        653916.84   4185038.89       91.93288  (15041307)               653939.20
4185049.16      103.54325  (15041307)
        653961.56   4185059.43      113.92899  (15041307)               653983.92
4185069.69      122.41618  (15041307)
        654006.29   4185079.96      128.45698  (15041307)               654028.65
4185090.23      131.56803  (15041307)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 670
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
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INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654051.01	4185100.49	131.46635	(15041307)	654073.37	4185110.76	128.12416	(15041307)
654095.73	4185121.03	121.75483	(15041307)	654118.09	4185131.30	112.74959	(15041307)
654140.46	4185141.56	101.81778	(15041307)	654162.82	4185151.83	89.58926	(15041307)
654185.18	4185162.10	76.78601	(15041307)	654207.54	4185172.36	64.12196	(15041307)
654229.90	4185182.63	60.93253	(17122917)	654252.26	4185192.90	58.74870	(17011203)
654274.63	4185203.16	56.44945	(17011203)	654296.99	4185213.43	53.65953	(13022802)
654319.35	4185223.70	54.44854	(17032503)	654341.71	4185233.96	56.28127	(17013024)
654364.07	4185244.23	60.70923	(17013024)	654386.43	4185254.50	63.58324	(17013024)
654408.80	4185264.77	64.64347	(17013024)	654431.16	4185275.03	63.78273	(17013024)
654453.52	4185285.30	61.95786	(17012520)	654475.88	4185295.57	65.10221	(17012520)
654498.24	4185305.83	66.22603	(17012520)	654520.60	4185316.10	65.21159	(17012520)
654542.97	4185326.37	63.13436	(17012920)	654565.33	4185336.63	64.02979	(14090107)
654587.69	4185346.90	65.05309	(14090107)	654610.05	4185357.17	65.67981	(17122319)
654632.41	4185367.43	66.72203	(17122319)	654654.77	4185377.70	66.52761	(17012804)
654677.14	4185387.97	67.41820	(17012804)	654699.50	4185398.23	65.87410	(17012804)
654721.86	4185408.50	70.17642	(13012109)	654744.22	4185418.77	73.82328	(13012109)
654766.58	4185429.04	74.55159	(13012109)	654788.94	4185439.30	72.26856	(13012109)
654811.31	4185449.57	67.52343	(17122920)	654833.67	4185459.84	65.71300	(17122920)
654856.03	4185470.10	61.84955	(17122920)	654878.39			

4185480.37   58.96067 (17012903)
        654900.75   4185490.64   62.59665 (17012903)   654923.11
4185500.90   64.48425 (17012903)
        654945.48   4185511.17   64.45782 (17012903)   654967.84
4185521.44   62.52066 (17012903)
        654990.20   4185531.70   58.84702 (17012903)   655012.56
4185541.97   54.59525 (16011007)
        655034.92   4185552.24   56.13686 (17020801)   655057.28
4185562.51   61.57170 (17020801)
        655079.64   4185572.77   65.29547 (17020801)   655102.01
4185583.04   66.95777 (17020801)
        655124.37   4185593.31   66.39995 (17020801)   655146.73
4185603.57   63.68518 (17020801)
        655169.09   4185613.84   59.08380 (17020801)   655191.45
4185624.11   56.36575 (17121708)
        655213.81   4185634.37   52.97201 (17121708)   655236.18
4185644.64   54.06979 (17011208)
        655258.54   4185654.91   56.41124 (17011208)   655280.90
4185665.17   57.77836 (17120120)
        655303.26   4185675.44   60.84143 (17120120)   655325.62
4185685.71   62.03380 (17120120)
        655347.98   4185695.97   61.25422 (17120120)   655370.35
4185706.24   58.58820 (17120120)
        655392.71   4185716.51   56.70633 (17011301)   655415.07
4185726.78   54.25942 (17011508)
        655437.43   4185737.04   57.46978 (17011508)   655459.79
4185747.31   58.80346 (17011508)
        655482.15   4185757.58   58.14000 (17011508)   655504.52
4185767.84   55.56259 (17011508)
        655526.88   4185778.11   51.33980 (17011508)   655549.24
4185788.38   47.21881 (16021402)
        655571.60   4185798.64   49.57581 (17012908)   655593.96
4185808.91   53.91672 (17012908)
        655616.32   4185819.18   56.98751 (17012908)   655638.69
4185829.44   58.55392 (17012908)
        655661.05   4185839.71   58.50276 (17012908)   655683.41
4185849.98   62.26574 (15030608)
        655705.77   4185860.25   71.89621 (15030608)   655728.13
4185870.51   80.37091 (15030608)
        655750.49   4185880.78   87.02443 (15030608)   655772.86
4185891.05   91.29736 (15030608)
        655795.22   4185901.31   92.82469 (15030608)   655817.58
4185911.58   91.48379 (15030608)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655839.94	4185921.85	87.42341	(15030608)	655862.30	4185932.11	81.01488	(15030608)
655884.66	4185942.38	72.83261	(15030608)	655907.03	4185952.65	63.55421	(15030608)
655937.43	4185986.17	45.37541	(15021508)	655945.47	4186009.42	46.34678	(17012607)
655953.51	4186032.68	47.52657	(17012607)	655961.56	4186055.93	48.23494	(17122320)
655969.60	4186079.19	52.54360	(17122320)	655977.64	4186102.44	55.74843	(17122320)
655985.68	4186125.70	57.59202	(17122320)	655993.73	4186148.95	57.90949	(17122320)
656001.77	4186172.21	56.65703	(17122320)	656009.81	4186195.46	53.91853	(17122320)
656017.85	4186218.71	51.76549	(17121219)	656025.89	4186241.97	55.79804	(17121219)
656033.94	4186265.22	58.46500	(17121219)	656041.98	4186288.48	59.53131	(17121219)
656050.02	4186311.73	58.88774	(17121219)	656058.06	4186334.99	56.57219	(17121219)
656066.11	4186358.24	58.34727	(17121320)	656074.15	4186381.50	59.79498	(17121320)
656082.19	4186404.75	68.51005	(14102408)	656090.23	4186428.01	76.51668	(14102408)
656098.27	4186451.26	82.19660	(14102408)	656106.32	4186474.51	84.92252	(14102408)
656114.36	4186497.77	84.36523	(14102408)	656122.40	4186521.02	80.56366	(14102408)
656130.44	4186544.28	73.92675	(14102408)	656138.49	4186567.53	65.16826	(14102408)
656146.53	4186590.79	60.72410	(17011509)	656154.57	4186614.04	55.75956	(17011509)
656162.61	4186637.30	49.78617	(17011509)	656170.65	4186660.55	47.44842	(17012523)

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        656178.70   4186683.81       49.99742  (14042707)                656186.74
4186707.06       53.93227  (14042707)
        656194.78   4186730.32       56.63380  (14042707)                656202.82
4186753.57       57.88095  (14042707)
        656210.87   4186776.82       57.57100  (14042707)                656218.91
4186800.08       55.72134  (14042707)
        656226.95   4186823.33       52.47131  (14042707)                656234.99
4186846.59       50.52781  (17122619)
        656243.03   4186869.84       50.13152  (17122619)                656251.08
4186893.10       48.33519  (17122619)
        656259.12   4186916.35       47.20573  (17121906)                656267.16
4186939.61       47.91670  (17121906)
        656275.20   4186962.86       47.44236  (17121906)                656283.25
4186986.12       46.99162  (17020824)
        656291.29   4187009.37       49.15524  (17020824)                656299.33
4187032.62       49.85346  (17020824)
        656307.37   4187055.88       49.02079  (17020824)                656315.41
4187079.13       46.73263  (17020824)
        656323.46   4187102.39       43.19123  (17020824)                656331.50
4187125.64       42.20272  (15120621)
        656339.54   4187148.90       43.39628  (17011303)                656347.58
4187172.15       46.47192  (17011303)
        656355.63   4187195.41       48.22174  (17011303)                656363.67
4187218.66       48.48532  (17011303)
        656371.71   4187241.92       47.24164  (17011303)                656379.75
4187265.17       44.60854  (17011303)
        656387.79   4187288.43       44.48342  (17121319)                656395.84
4187311.68       47.30941  (17121319)
        656403.88   4187334.93       48.78219  (17121319)                656411.92
4187358.19       48.77343  (17121319)
        656419.96   4187381.44       47.28978  (17121319)                656428.01
4187404.70       46.48808  (17010504)
        656436.05   4187427.95       47.80343  (17010504)                656444.09
4187451.21       47.67102  (17010504)
        656452.13   4187474.46       46.11059  (17010504)                656460.17
4187497.72       43.26701  (17010504)
        656468.22   4187520.97       45.90426  (17122519)                656476.26
4187544.23       48.28364  (17122519)
        656484.30   4187567.48       49.41443  (17122519)                656492.34
4187590.74       49.21510  (17122519)
        656500.39   4187613.99       47.71084  (17122519)                656508.43
4187637.24       46.66577  (17122719)
        656516.47   4187660.50       47.82638  (17122719)                656524.51
4187683.75       47.67721  (17122719)
        656532.55   4187707.01       46.24066  (17122719)                656540.60
4187730.26       43.64415  (17122719)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656548.64	4187753.52	50.64505	(15121209)	656556.68	4187776.77	57.10120	(15121209)
656564.72	4187800.03	62.54828	(15121209)	656572.77	4187823.28	68.11379	(16122009)
656580.81	4187846.54	71.82190	(16122009)	656588.85	4187869.79	72.58042	(16122009)
656596.89	4187893.04	70.32909	(16122009)	656604.93	4187916.30	65.36751	(16122009)
656612.98	4187939.55	59.90683	(15121209)	656621.02	4187962.81	54.05549	(15121209)
656629.06	4187986.06	47.50239	(15121209)	656637.10	4188009.32	45.20455	(16010203)
656645.15	4188032.57	45.23143	(13123017)	656653.19	4188055.83	46.03265	(13123017)
653894.48	4185028.63	79.79118	(15041307)	653869.70	4185027.96	66.94550	(15041307)
653844.92	4185027.30	60.60430	(17011719)	653820.14	4185026.64	60.18087	(17011719)
653795.36	4185025.98	61.18280	(17012818)	653770.59	4185025.32	64.20439	(17123009)
653930.19	4184539.07	71.82132	(15041307)	653952.54	4184549.33	81.60510	(15041307)
653974.89	4184559.60	91.05152	(15041307)	653997.25	4184569.86	99.68931	(15041307)
654019.60	4184580.12	107.08285	(15041307)	654041.96	4184590.39	112.77103	(15041307)
654064.31	4184600.65	116.44769	(15041307)	654086.67	4184610.91	117.97673	(15041307)
654109.02	4184621.18	117.06393	(15041307)	654131.37	4184631.44	113.83589	(15041307)
654153.73	4184641.70	108.48973	(15041307)	654176.08			

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4184651.97      101.27592  (15041307)
        654198.44   4184662.23       92.59877  (15041307)                654220.79
4184672.49       82.95430  (15041307)
        654243.15   4184682.76       72.79182  (15041307)                654265.50
4184693.02       62.57060  (15041307)
        654287.85   4184703.28       55.76560  (15011010)                654310.21
4184713.55       49.93195  (15011010)
        654332.56   4184723.81       47.31126  (17011203)                654354.92
4184734.08       45.91977  (17011203)
        654377.27   4184744.34       43.65270  (17011203)                654399.63
4184754.60       43.36682  (17032503)
        654421.98   4184764.87       43.69744  (17032503)                654444.33
4184775.13       44.67314  (17013024)
        654466.69   4184785.39       48.02699  (17013024)                654489.04
4184795.66       50.42223  (17013024)
        654511.40   4184805.92       51.68818  (17013024)                654533.75
4184816.18       51.72797  (17013024)
        654556.11   4184826.45       50.53153  (17013024)                654578.46
4184836.71       49.99179  (17012520)
        654600.82   4184846.97       52.22936  (17012520)                654623.17
4184857.24       53.16260  (17012520)
        654645.52   4184867.50       52.71360  (17012520)                654667.88
4184877.76       52.03337  (14090107)
        654690.23   4184888.03       55.47795  (14090107)                654712.59
4184898.29       57.49643  (14090107)
        654734.94   4184908.56       57.91426  (14090107)                654757.30
4184918.82       56.68989  (14090107)
        654779.65   4184929.08       53.92226  (14090107)                654802.00
4184939.35       52.91910  (17122319)
        654824.36   4184949.61       54.09900  (17012804)                654846.71
4184959.87       53.84442  (17012804)
        654869.07   4184970.14       58.12172  (13012109)                654891.42
4184980.40       62.82660  (13012109)
        654913.78   4184990.66       65.72152  (13012109)                654936.13
4185000.93       66.52541  (13012109)
        654958.48   4185011.19       65.15765  (13012109)                654980.84
4185021.45       61.74657  (13012109)
        655003.19   4185031.72       56.61461  (13012109)                655025.55
4185041.98       51.83535  (17122920)
        655047.90   4185052.24       48.65274  (17122920)                655070.26
4185062.51       46.79484  (17012903)
        655092.61   4185072.77       49.62493  (17012903)                655114.96
4185083.04       51.36675  (17012903)
        655137.32   4185093.30       51.89585  (17012903)                655159.67
4185103.56       51.17536  (17012903)
        655182.03   4185113.83       49.25707  (17012903)                655204.38
4185124.09       46.27944  (17012903)
        655226.74   4185134.35       43.69885  (16011007)                655249.09
4185144.62       43.38147  (17020801)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                              INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

655897.37 4185442.26 41.63682 (17012908) 655919.72 4185452.52 44.37121 (17012908)
655942.07 4185462.79 46.21788 (17012908) 655964.43 4185473.05 47.06228 (17012908)
655986.78 4185483.31 46.85822 (17012908) 656009.14 4185493.58 52.28479 (15030608)
656031.49 4185503.84 60.23971 (15030608) 656053.85 4185514.10 67.60286 (15030608)
656076.20 4185524.37 73.90888 (15030608) 656098.55 4185534.63 78.73045 (15030608)
656120.91 4185544.89 81.73557 (15030608) 656143.26 4185555.16 82.71462 (15030608)
656165.62 4185565.42 81.60171 (15030608) 656187.97 4185575.68 78.50467 (15030608)
656210.33 4185585.95 73.66914 (15030608) 656232.68 4185596.21 67.45666 (15030608)
656255.04 4185606.48 60.28291 (15030608) 656277.39 4185616.74 52.60010 (15030608)
656307.78 4185650.25 37.52355 (15030608) 656315.82 4185673.50 36.74195 (17012607)
656323.86 4185696.74 37.97113 (17012607) 656331.90 4185719.99 38.19456 (17012607)
656339.94 4185743.24 39.35544 (17122320) 656347.98 4185766.48 42.36357 (17122320)
656356.02 4185789.73 44.64462 (17122320) 656364.06 4185812.98 46.04869 (17122320)
656372.10 4185836.23 46.47669 (17122320) 656380.14 4185859.47 45.89113 (17122320)
656388.18 4185882.72 44.31980 (17122320) 656396.22 4185905.97 41.85518 (17122320)
656404.26 4185929.21 41.66371 (17121219) 656412.30 4185952.46 44.57014 (17121219)
656420.34 4185975.71 46.60620 (17121219) 656428.38 4185998.95 47.62757 (17121219)
656436.42 4186022.20 47.55623 (17121219) 656444.46 4186045.45 46.38762 (17121219)
656452.50 4186068.69 44.94444 (17121320) 656460.54 4186091.94 47.00772 (17121320)
656468.58 4186115.19 50.44668 (14102408) 656476.61 4186138.44 58.34977 (14102408)
656484.65 4186161.68 65.37317 (14102408) 656492.69 4186184.93 70.94061 (14102408)
656500.73 4186208.18 74.54860 (14102408) 656508.77 4186231.42 75.85249 (14102408)
656516.81 4186254.67 74.72213 (14102408) 656524.85 4186277.92 71.25407 (14102408)
656532.89 4186301.16 65.76770 (14102408) 656540.93 4186324.41 58.74727 (14102408)
656548.97 4186347.66 50.77721 (14102408) 656557.01 4186370.91 46.35994 (17011509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2
, VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656581.13	4186440.65	39.09735	(14042707)	656589.17	4186463.89	43.17231	(14042707)
656597.21	4186487.14	46.64947	(14042707)	656605.25	4186510.39	49.31858	(14042707)
656613.29	4186533.63	51.01039	(14042707)	656621.33	4186556.88	51.61105	(14042707)
656629.37	4186580.13	51.07854	(14042707)	656637.41	4186603.37	49.44688	(14042707)
656645.45	4186626.62	46.81066	(14042707)	656653.49	4186649.87	43.33099	(14042707)
656661.53	4186673.12	40.45654	(17122619)	656669.56	4186696.36	39.64138	(17122619)
656677.60	4186719.61	37.95897	(17122619)	656685.64	4186742.86	37.84956	(17121906)
656693.68	4186766.10	38.34257	(17121906)	656701.72	4186789.35	38.07249	(17121906)
656709.76	4186812.60	37.46104	(17122508)	656717.80	4186835.84	38.64559	(17020824)
656725.84	4186859.09	39.77197	(17020824)	656733.88	4186882.34	39.92578	(17020824)
656741.92	4186905.59	39.09523	(17020824)	656749.96	4186928.83	37.34158	(17020824)
656758.00	4186952.08	34.78975	(17020824)	656766.04	4186975.33	33.83722	(15120621)
656774.08	4186998.57	33.59560	(15120708)	656782.12			

4187021.82 35.57835 (17011303)
656790.16 4187045.07 37.59598 (17011303) 656798.20
4187068.31 38.73371 (17011303)
656806.24 4187091.56 38.90936 (17011303) 656814.28
4187114.81 38.11037 (17011303)
656822.32 4187138.05 36.39908 (17011303) 656830.36
4187161.30 33.90044 (17011303)
656838.40 4187184.55 36.37553 (17121319) 656846.44
4187207.80 38.21223 (17121319)
656854.47 4187231.04 39.15636 (17121319) 656862.51
4187254.29 39.14244 (17121319)
656870.55 4187277.54 38.17439 (17121319) 656878.59
4187300.78 36.47500 (17010504)
656886.63 4187324.03 37.91091 (17010504) 656894.67
4187347.28 38.44174 (17010504)
656902.71 4187370.52 38.03272 (17010504) 656910.75
4187393.77 36.71805 (17010504)
656918.79 4187417.02 34.59517 (17010504) 656926.83
4187440.27 35.91280 (17122519)
656934.87 4187463.51 37.94934 (17122519) 656942.91
4187486.76 39.22787 (17122519)
656950.95 4187510.01 39.66943 (17122519) 656958.99
4187533.25 39.25102 (17122519)
656967.03 4187556.50 38.00424 (17122519) 656975.07
4187579.75 37.16995 (17122719)
656983.11 4187602.99 38.20233 (17122719) 656991.15
4187626.24 38.39897 (17122719)
656999.19 4187649.49 37.75141 (17122719) 657007.23
4187672.73 36.30846 (17122719)
657015.27 4187695.98 38.24325 (15121209) 657023.31
4187719.23 43.88277 (15121209)
657031.35 4187742.48 49.18440 (15121209) 657039.39
4187765.72 53.85485 (15121209)
657047.42 4187788.97 58.14043 (16122009) 657055.46
4187812.22 62.28809 (16122009)
657063.50 4187835.46 64.46223 (16122009) 657071.54
4187858.71 64.46384 (16122009)
657079.58 4187881.96 62.31017 (16122009) 657087.62
4187905.20 58.23235 (16122009)
657095.66 4187928.45 53.79544 (15121209) 657103.70
4187951.70 49.22822 (15121209)
657111.74 4187974.95 44.08839 (15121209) 657119.78
4187998.19 38.65625 (15121209)
657127.82 4188021.44 36.18050 (16010203) 657135.86
4188044.69 36.17110 (13123017)
657143.90 4188067.93 36.82299 (13123017) 657151.94
4188091.18 36.80890 (13123017)
653907.83 4184528.80 62.08723 (15041307) 653883.05
4184528.14 52.13518 (15041307)
653858.27 4184527.48 48.64692 (17011719) 653833.50

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        653988.23   4184059.77   73.30500 (15041307)   654010.58
4184070.03   81.53524 (15041307)
        654032.93   4184080.29   89.21022 (15041307)   654055.28
4184090.55   96.00279 (15041307)
        654077.63   4184100.81   101.61567 (15041307)   654099.98
4184111.07   105.74042 (15041307)
        654122.32   4184121.33   108.17707 (15041307)   654144.67
4184131.59   108.81179 (15041307)
        654167.02   4184141.85   107.57566 (15041307)   654189.37
4184152.12   104.51610 (15041307)
        654211.72   4184162.38   99.72069 (15041307)   654234.07
4184172.64   93.36033 (15041307)
        654256.42   4184182.90   85.78797 (15041307)   654278.77
4184193.16   77.44220 (15041307)
        654301.12   4184203.42   68.72394 (15041307)   654323.46
4184213.68   59.96450 (15041307)
        654345.81   4184223.94   53.62795 (15011010)   654368.16
4184234.20   49.27142 (15011010)
        654390.51   4184244.47   44.30811 (15011010)   654412.86
4184254.73   39.12171 (17011203)
        654435.21   4184264.99   38.23750 (17011203)   654457.56
4184275.25   36.73649 (17011203)

654479.91 4184285.51 35.67600 (13022802) 654502.26
4184295.77 35.96744 (17032503)
654524.61 4184306.03 36.05153 (17032503) 654546.95
4184316.29 36.49251 (17013024)
654569.30 4184326.55 39.11690 (17013024) 654591.65
4184336.81 41.11495 (17013024)
654614.00 4184347.08 42.36992 (17013024) 654636.35
4184357.34 42.80389 (17013024)
654658.70 4184367.60 42.38739 (17013024) 654681.05
4184377.86 41.14076 (17013024)
654703.40 4184388.12 41.43397 (17012520) 654725.75
4184398.38 43.10501 (17012520)
654748.09 4184408.64 43.88498 (17012520) 654770.44
4184418.90 43.72027 (17012520)
654792.79 4184429.16 45.02364 (14090107) 654815.14
4184439.42 48.45831 (14090107)
654837.49 4184449.69 50.92499 (14090107) 654859.84
4184459.95 52.24968 (14090107)
654882.19 4184470.21 52.33482 (14090107) 654904.54
4184480.47 51.16852 (14090107)
654926.89 4184490.73 48.82736 (14090107) 654949.23
4184500.99 45.47246 (14090107)
654971.58 4184511.25 44.43309 (17012804) 654993.93
4184521.51 44.77268 (17012804)
655016.28 4184531.77 48.25395 (13012109) 655038.63
4184542.04 53.15763 (13012109)
655060.98 4184552.30 56.96777 (13012109) 655083.33
4184562.56 59.38479 (13012109)
655105.68 4184572.82 60.21122 (13012109) 655128.03
4184583.08 59.37847 (13012109)
655150.37 4184593.34 56.95405 (13012109) 655172.72
4184603.60 53.13099 (13012109)
655195.07 4184613.86 48.20635 (13012109) 655217.42
4184624.12 42.54276 (13012109)
655239.77 4184634.38 39.41774 (17122920) 655262.12
4184644.65 38.22909 (17012903)
655284.47 4184654.91 40.48906 (17012903) 655306.82
4184665.17 42.02984 (17012903)
655329.17 4184675.43 42.76137 (17012903) 655351.51
4184685.69 42.64085 (17012903)
655373.86 4184695.95 41.67571 (17012903) 655396.21
4184706.21 39.92386 (17012903)
655418.56 4184716.47 37.48760 (17012903) 655440.91
4184726.73 35.98572 (16011007)
655463.26 4184736.99 34.56610 (17020801) 655485.61
4184747.26 38.01693 (17020801)
655507.96 4184757.52 40.88204 (17020801) 655530.31
4184767.78 42.98726 (17020801)
655552.65 4184778.04 44.19912 (17020801) 655575.00
4184788.30 44.44091 (17020801)

655597.35 4184798.56 43.69848 (17020801) 655619.70 4184808.82 42.02335 (17020801)
655642.05 4184819.08 39.52609 (17020801) 655664.40 4184829.34 38.03527 (17121708)
655686.75 4184839.61 36.59043 (17121708) 655709.10 4184849.87 34.57717 (17121708)
655731.45 4184860.13 34.48662 (17011208) 655753.79 4184870.39 36.20334 (17011208)
*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 676
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- - - -

4185075.61 33.11103 (17012908)
656223.12 4185085.87 35.45936 (17012908) 656245.47
4185096.13 37.25969 (17012908)
656267.82 4185106.39 38.42045 (17012908) 656290.17
4185116.65 38.88379 (17012908)
656312.52 4185126.91 38.62838 (17012908) 656334.87
4185137.18 44.81046 (15030608)
656357.22 4185147.44 51.45744 (15030608) 656379.56
4185157.70 57.80016 (15030608)
656401.91 4185167.96 63.52051 (15030608) 656424.26
4185178.22 68.30537 (15030608)
656446.61 4185188.48 71.88296 (15030608) 656468.96
4185198.74 74.04655 (15030608)
656491.31 4185209.00 74.67444 (15030608) 656513.66
4185219.26 73.74112 (15030608)
656536.01 4185229.52 71.31856 (15030608) 656558.36
4185239.79 67.56611 (15030608)
656580.70 4185250.05 62.71938 (15030608) 656603.05
4185260.31 57.05416 (15030608)
656625.40 4185270.57 50.87334 (15030608) 656647.75
4185280.83 44.47465 (15030608)
656678.14 4185314.33 32.24000 (15030608) 656686.17
4185337.57 29.98571 (17012607)
656694.21 4185360.81 31.13891 (17012607) 656702.25
4185384.06 31.62354 (17012607)
656710.29 4185407.30 31.39951 (17012607) 656718.33
4185430.54 32.88824 (17122320)
656726.36 4185453.78 35.09737 (17122320) 656734.40
4185477.02 36.80100 (17122320)
656742.44 4185500.26 37.90741 (17122320) 656750.48
4185523.50 38.34770 (17122320)
656758.51 4185546.75 38.10086 (17122320) 656766.55
4185569.99 37.17090 (17122320)
656774.59 4185593.23 35.60100 (17122320) 656782.63
4185616.47 33.46953 (17122320)
656790.66 4185639.71 34.46396 (17121219) 656798.70
4185662.95 36.66010 (17121219)
656806.74 4185686.19 38.26749 (17121219) 656814.78
4185709.43 39.19342 (17121219)
656822.81 4185732.68 39.37926 (17121219) 656830.85
4185755.92 38.80805 (17121219)
656838.89 4185779.16 37.50755 (17121219) 656846.93
4185802.40 37.50657 (17121320)
656854.97 4185825.64 38.93791 (17121320) 656863.00
4185848.88 44.02340 (14102408)
656871.04 4185872.12 50.64705 (14102408) 656879.08
4185895.37 56.76171 (14102408)
656887.12 4185918.61 61.94582 (14102408) 656895.15
4185941.85 65.82103 (14102408)
656903.19 4185965.09 68.07988 (14102408) 656911.23

4185988.33   68.53086 (14102408)
        656919.27   4186011.57   67.12606 (14102408)   656927.30
4186034.81   63.96985 (14102408)
        656935.34   4186058.05   59.30307 (14102408)   656943.38
4186081.30   53.47321 (14102408)
        656951.42   4186104.54   46.89660 (14102408)   656959.45
4186127.78   40.00876 (14102408)
        656967.49   4186151.02   36.42989 (17011509)   656975.53
4186174.26   33.23455 (17011509)
        656983.57   4186197.50   30.77457 (17012523)   656991.60
4186220.74   34.40796 (14042707)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

657128.24 4186615.85 31.42118 (17121906) 657136.28
4186639.09 30.81380 (17122508)
657144.32 4186662.33 31.17870 (17020824) 657152.36
4186685.57 32.39108 (17020824)
657160.40 4186708.81 32.96605 (17020824) 657168.43
4186732.05 32.86820 (17020824)
657176.47 4186755.29 32.10248 (17020824) 657184.51
4186778.54 30.71481 (17020824)
657192.55 4186801.78 28.78851 (17020824) 657200.58
4186825.02 27.86210 (15120621)
657208.62 4186848.26 27.86977 (15120621) 657216.66
4186871.50 28.00659 (15120708)
657224.70 4186894.74 29.83481 (17011303) 657232.73
4186917.98 31.23190 (17011303)
657240.77 4186941.22 32.01616 (17011303) 657248.81
4186964.47 32.14013 (17011303)
657256.85 4186987.71 31.59675 (17011303) 657264.88
4187010.95 30.42128 (17011303)
657272.92 4187034.19 28.68564 (17011303) 657280.96
4187057.43 28.63955 (17121319)
657289.00 4187080.67 30.44615 (17121319) 657297.03
4187103.91 31.70673 (17121319)
657305.07 4187127.16 32.34832 (17121319) 657313.11
4187150.40 32.33317 (17121319)
657321.15 4187173.64 31.66441 (17121319) 657329.19
4187196.88 30.38436 (17121319)
657337.22 4187220.12 30.80348 (17010504) 657345.26
4187243.36 31.57956 (17010504)
657353.30 4187266.60 31.72138 (17010504) 657361.34
4187289.84 31.22254 (17010504)
657369.37 4187313.09 30.11549 (17010504) 657377.41
4187336.33 28.46830 (17010504)
657385.45 4187359.57 28.95363 (17122519) 657393.49
4187382.81 30.67394 (17122519)
657401.52 4187406.05 31.90788 (17122519) 657409.56
4187429.29 32.59302 (17122519)
657417.60 4187452.53 32.69552 (17122519) 657425.64
4187475.77 32.21292 (17122519)
657433.67 4187499.02 31.17376 (17122519) 657441.71
4187522.26 30.48609 (17122719)
657449.75 4187545.50 31.38395 (17122719) 657457.79
4187568.74 31.71718 (17122719)
657465.83 4187591.98 31.47066 (17122719) 657473.86
4187615.22 30.66144 (17122719)
657481.90 4187638.46 29.33622 (17122719) 657489.94
4187661.71 33.97442 (15121209)
657497.98 4187684.95 38.64226 (15121209) 657506.01
4187708.19 43.08090 (15121209)
657514.05 4187731.43 47.12048 (15121209) 657522.09
4187754.67 50.56170 (15121209)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
657642.65	4188103.29	30.38602	(13123017)	657650.69	4188126.53	30.30000	(14022208)
653921.18	4184028.98	48.45861	(15041307)	653896.41	4184028.32	40.44681	(15041307)
653871.63	4184027.66	40.13234	(17011719)	653846.85	4184027.00	39.64302	(17011719)
653822.07	4184026.34	40.19765	(17012818)	653797.29	4184025.67	40.87194	(17123009)
653669.49	4187873.21	3905.64449	(15010507)	653667.67	4187914.98	5894.97465	(13010908)
653665.85	4187956.74	8938.82096	(17121807)	653652.45	4187854.92	3171.68036	(15010507)
653643.61	4187893.01	4088.74654	(14120608)	653641.79			

4187934.77 5795.65419 (17021308)
653639.97 4187976.53 6207.48136 (17121322) 653627.47
4187853.84 2845.42805 (16020321)
653661.05 4187812.73 2437.74912 (17123007) 653618.63
4187891.92 3457.97945 (17120517)
653616.81 4187933.68 4413.04845 (17121207) 653614.99
4187975.44 4661.85741 (17122903)
653602.50 4187852.75 2515.56360 (13010906) 653618.36
4187818.35 2155.70081 (15122802)
653644.00 4187794.45 2051.31708 (15022608) 653593.65
4187890.83 3063.48312 (17121504)
653591.83 4187932.59 3509.70350 (17013105) 653590.01
4187974.36 3662.84524 (17013107)
653552.54 4187850.57 1956.88087 (17120517) 653568.40
4187816.17 1822.15999 (14021223)
653584.26 4187781.77 1640.74475 (15122802) 653609.91
4187757.87 1582.98668 (17121508)
653645.34 4187744.46 1646.53496 (17122918) 653543.70
4187888.65 2217.39272 (17021308)
653541.88 4187930.42 2392.41776 (17022506) 653540.06
4187972.18 2494.05064 (17013107)
653502.59 4187848.39 1616.65841 (17013106) 653518.45
4187813.99 1470.26387 (13012121)
653534.31 4187779.60 1407.20201 (15010508) 653550.17
4187745.20 1290.84597 (15122802)
653575.82 4187721.30 1254.08322 (14021122) 653611.24
4187707.89 1284.35948 (17123007)
653646.67 4187694.48 1259.73035 (13012005) 653493.75
4187886.47 1685.67450 (17123023)
653491.93 4187928.24 1793.09372 (17022506) 653490.11
4187970.00 1805.14314 (17011505)
653452.64 4187846.22 1320.18719 (17120203) 653468.50
4187811.82 1310.56677 (17120517)
653484.36 4187777.42 1189.69218 (13010908) 653500.22
4187743.02 1129.91612 (13013108)
653516.08 4187708.62 1044.20596 (15122802) 653541.72
4187684.72 1038.95608 (13012423)
653577.15 4187671.31 1040.34800 (15022608) 653612.58
4187657.91 1094.99710 (17122918)
653648.01 4187644.50 1045.20491 (14120620) 653443.80
4187884.30 1344.78814 (17121207)
653441.98 4187926.06 1372.12704 (17122902) 653440.16
4187967.83 1431.44762 (17011505)
653403.41 4187842.48 1117.43568 (17021308) 653420.71
4187804.95 1069.33942 (17121504)
653438.01 4187767.42 991.06057 (17123107) 653455.31
4187729.90 965.61968 (13010906)
653472.62 4187692.37 911.25470 (16020321) 653509.24
4187647.54 872.00756 (13012423)
653547.89 4187632.91 875.73670 (13020306) 653586.54

4187618.28   923.16951 (17123007)
        653625.19   4187603.66   888.63774 (16012703)   653663.83
4187589.03   873.32346 (14021521)
        653393.84   4187882.12   1096.52251 (17012823)   653392.02
4187923.88   1115.70139 (17122902)
        653390.20   4187965.65   1165.31507 (17011505)   653353.34
4187840.54   903.98645 (17123023)
        653370.42   4187803.50   926.61232 (17021420)   653387.50
4187766.45   920.55463 (17120517)
        653404.59   4187729.41   838.36745 (13012105)   653421.67
4187692.36   810.31826 (13021704)
        653438.75   4187655.32   771.13069 (16020321)   653474.90
4187611.05   744.21332 (15010507)
        653513.06   4187596.62   755.53153 (17121508)   653551.21
4187582.18   765.98543 (15021203)
        653589.36   4187567.74   747.73058 (14021105)   653627.51
4187553.30   764.03742 (17011302)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                   INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4187362.51 381.24595 (13123108)

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        653072.63   4187565.23      363.78453  (17120517)               653089.63
4187528.38      344.65659  (17123107)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 680
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4187454.66      337.28159  (13010906)
        653140.61   4187417.81      329.42109  (15010508)               653157.60
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4187318.49      306.48581  (15122802)
        653240.03   4187304.12      312.77556  (15010507)               653277.99
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4186988.53   202.80142 (17121508)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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        652010.20   4187438.14   139.10454 (14011709)   652027.46
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4186951.50   107.87844 (17123107)
        652251.84   4186914.07   106.37994 (13012103)   652269.10
4186876.63   106.85682 (13010908)
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4186801.77   106.32188 (14120608)
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        652355.40   4186689.46   103.14083 (15010508)   652372.67
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        652389.93   4186614.60   100.25918 (17122821)   652407.19
4186577.16   99.16063 (17122317)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

- - - -

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4187302.01      116.70069  (14011709)
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4187226.81       89.12676  (14011709)
        651615.41   4187189.21       87.04419  (17021308)                651632.75
4187151.62       81.70456  (17021308)
        651650.08   4187114.02       82.82013  (17120203)                651667.42
4187076.42       85.65070  (17120203)
        651684.76   4187038.82       85.57649  (17021420)                651702.09
4187001.22       85.11035  (17123002)
        651719.43   4186963.62       84.96293  (17013106)                651736.77
4186926.03       84.48178  (17121504)
        651754.10   4186888.43       84.46545  (17121504)                651771.44
4186850.83       85.32903  (17120517)
        651788.77   4186813.23       84.21717  (17120517)                651806.11
4186775.63       78.94562  (14021108)
        651823.45   4186738.03       76.97828  (17021403)                651840.78
4186700.44       77.96673  (17123107)
        651858.12   4186662.84       77.43862  (13012103)                651875.46
4186625.24       78.18156  (13012105)
        651892.79   4186587.64       77.79429  (13010908)                651910.13
4186550.04       75.16756  (17020505)
        651927.46   4186512.44       77.04664  (14120608)                651944.80
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        651962.14   4186437.25       75.72461  (13021704)                651979.47
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        651996.81   4186362.05       74.63524  (15010508)                652014.15
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        652031.48   4186286.85       72.46360  (13013108)                652048.82
4186249.26       71.57881  (17122317)
        652066.15   4186211.66       71.31585  (17122317)                652083.49
4186174.06       71.31955  (15021803)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 684
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652111.52	4186147.93	71.61678	(14022101)	652150.24	4186133.28	70.99932	(17120906)
652188.97	4186118.62	75.33286	(13122209)	652227.69	4186103.97	70.29715	(17021402)
652266.41	4186089.32	75.51161	(13120909)	652305.13	4186074.66	72.04110	(16022407)
652343.86	4186060.01	74.74255	(15010507)	652382.58	4186045.35	75.55476	(14120701)
652421.30	4186030.70	76.09305	(14021122)	652460.02	4186016.05	75.22956	(14021301)
652498.75	4186001.39	76.72487	(13123108)	652537.47	4185986.74	75.91046	(17121508)
652576.19	4185972.08	76.63347	(13020306)	652614.91	4185957.43	73.98742	(13020306)
652653.64	4185942.78	87.75732	(14011509)	652692.36	4185928.12	111.44803	(14011509)
652731.08	4185913.47	121.60172	(14011509)	652769.81	4185898.81	114.05455	(14011509)
652808.53	4185884.16	91.72227	(14011509)	652847.25	4185869.51	77.40929	(14021104)
652885.97	4185854.85	81.28944	(17122918)	652924.70	4185840.20	75.80868	(17122918)
652963.42	4185825.54	74.41369	(14021105)	653002.14	4185810.89	76.81865	(14021105)
653040.86	4185796.24	77.16895	(13012005)	653079.59	4185781.58	77.25551	(16012703)
653118.31	4185766.93	76.51587	(13020420)	653157.03	4185752.28	77.20961	(17011302)
653195.75	4185737.62	78.22034	(17011302)	653234.48	4185722.97	76.49329	(15010901)
653273.20	4185708.31	76.55778	(14012501)	653311.92	4185693.66	75.46300	(14021521)
653350.65	4185679.01	77.94123	(17121903)	653389.37	4185664.35	79.78402	(17011609)
653428.09	4185649.70	79.69837	(17011609)	653466.81	4185635.04	74.82235	(17120605)
653505.54	4185620.39	74.97050	(17122820)	653544.26	4185605.74	75.28065	(17122820)
653582.98	4185591.08	73.67487	(17012904)	653621.70	4185576.43	66.67256	(15011020)
653660.43	4185561.77	72.65738	(17123009)	653699.15	4185547.12	83.53192	(17123009)
651345.79	4187792.87	76.71024	(17011804)	651343.97	4187834.63	78.61335	(17013008)
651342.15	4187876.40	74.77975	(17013008)	650855.87			

4187731.37   57.27752 (17011804)
        650873.25   4187693.66   59.06330 (17121807)   650890.64
4187655.95   60.56869 (17121807)
        650908.02   4187618.25   60.84655 (17122902)   650925.41
4187580.54   60.12330 (17121223)
        650942.80   4187542.84   61.73877 (17022506)   650960.18
4187505.13   62.09778 (17022506)
        650977.57   4187467.42   57.52026 (17022506)   650994.95
4187429.72   59.79519 (17013105)
        651012.34   4187392.01   63.63964 (17013105)   651029.72
4187354.31   61.96341 (17013105)
        651047.11   4187316.60   63.23838 (17012823)   651064.50
4187278.89   63.60759 (17012823)
        651081.88   4187241.19   80.63218 (14011709)   651099.27
4187203.48   95.08732 (14011709)
        651116.65   4187165.78   101.14417 (14011709)   651134.04
4187128.07   96.10513 (14011709)
        651151.43   4187090.36   81.69984 (14011709)   651168.81
4187052.66   65.95258 (17021308)
        651186.20   4187014.95   66.07247 (17021308)   651203.58
4186977.25   60.73717 (17021308)
        651220.97   4186939.54   63.20711 (17120203)   651238.36
4186901.83   65.93059 (17120203)
        651255.74   4186864.13   65.97795 (17021420)   651273.13
4186826.42   65.73260 (17123002)
        651290.51   4186788.72   65.53015 (17013106)   651307.90
4186751.01   64.54195 (17013106)
        651325.29   4186713.30   64.66324 (17121504)   651342.67
4186675.60   65.45047 (17121504)
        651360.06   4186637.89   63.54292 (17120517)   651377.44
4186600.19   66.25667 (17120517)
        651394.83   4186562.48   62.44336 (17120517)   651412.22
4186524.77   60.45204 (14011903)
        651429.60   4186487.07   59.01186 (17021403)   651446.99
4186449.36   59.38153 (17123107)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651464.37	4186411.66	59.53595	(17123107)	651481.76	4186373.95	59.47222	(13012103)
651499.15	4186336.24	60.18114	(13012105)	651516.53	4186298.54	59.88521	(13010908)
651533.92	4186260.83	57.68029	(13010908)	651551.30	4186223.13	58.80098	(14120608)
651568.69	4186185.42	58.57919	(14120608)	651586.08	4186147.71	58.54306	(13010906)
651603.46	4186110.01	58.27848	(13021704)	651620.85	4186072.30	57.72017	(14021223)
651638.23	4186034.60	57.12815	(15010508)	651655.62	4185996.89	56.60589	(15010508)
651673.01	4185959.18	56.49658	(13013108)	651690.39	4185921.48	55.81901	(17122821)
651707.78	4185883.77	55.35492	(17122317)	651725.16	4185846.07	54.61963	(15021803)
651742.55	4185808.36	54.85990	(15021803)	651770.66	4185782.16	55.18634	(14022101)
651809.49	4185767.46	54.32362	(17120906)	651848.33	4185752.77	63.37828	(13122209)
651887.16	4185738.07	64.32780	(13122209)	651925.99	4185723.37	60.60852	(13120909)
651964.83	4185708.68	64.76087	(13120909)	652003.66	4185693.98	62.79975	(13120909)
652042.49	4185679.29	56.41699	(15010507)	652081.33	4185664.59	57.38524	(15010507)
652120.16	4185649.89	58.24676	(14120701)	652158.99	4185635.20	58.65415	(14021122)
652197.83	4185620.50	57.74166	(14021301)	652236.66	4185605.81	58.39640	(13123108)
652275.50	4185591.11	58.67714	(13123108)	652314.33	4185576.41	58.36277	(17121508)
652353.16	4185561.72	59.10571	(13020306)	652392.00	4185547.02	55.95844	(13020306)
652430.83	4185532.33	70.54406	(14011509)	652469.66	4185517.63	90.22853	(14011509)
652508.50	4185502.94	102.65257	(14011509)	652547.33	4185488.24	103.74640	(14011509)
652586.16	4185473.54	93.03519	(14011509)	652625.00	4185458.85	74.00047	(14011509)
652663.83	4185444.15	59.68614	(14021104)	652702.66	4185429.46	62.59060	(17122918)

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        652741.50   4185414.76       60.75339  (17122918)                652780.33
4185400.06       55.24676  (16121108)
        652819.16   4185385.37       58.35529  (14021105)                652858.00
4185370.67       58.97056  (14021105)
        652896.83   4185355.98       59.61711  (13012005)                652935.67
4185341.28       59.83121  (16012703)
        652974.50   4185326.58       59.42649  (13020420)                653013.33
4185311.89       59.86840  (14120620)
        653052.17   4185297.19       60.54418  (17011302)                653091.00
4185282.50       59.90040  (17011302)
        653129.83   4185267.80       59.07699  (15010901)                653168.67
4185253.10       60.99373  (14120609)
        653207.50   4185238.41       65.00480  (14120609)                653246.33
4185223.71       59.80333  (14120609)
        653285.17   4185209.02       60.77802  (17121903)                653324.00
4185194.32       61.45755  (17011609)
        653362.83   4185179.62       61.30799  (17011609)                653401.67
4185164.93       58.14095  (17120605)
        653440.50   4185150.23       57.45496  (14021106)                653479.34
4185135.54       58.58708  (17122820)
        653518.17   4185120.84       57.08509  (17012904)                653557.00
4185106.14       56.50667  (17012904)
        653595.84   4185091.45       51.62451  (15011020)                653634.67
4185076.75       51.97112  (17123009)
        653673.50   4185062.06       61.08405  (17123009)                653712.34
4185047.36       66.16193  (17123009)
        650846.26   4187771.10       58.68386  (17011804)                650844.44
4187812.87       60.23080  (17013008)
        650842.62   4187854.63       57.47683  (17013008)                650356.36
4187709.56       46.70746  (17011804)
        650373.78   4187671.78       46.56330  (17022505)                650391.20
4187634.00       48.13287  (17121807)
        650408.62   4187596.21       48.46851  (17121807)                650426.04
4187558.43       48.81575  (17122902)
        650443.46   4187520.65       47.94097  (17121223)                650460.88
4187482.87       48.49927  (17022506)
        650478.30   4187445.09       50.10113  (17022506)                650495.72
4187407.30       48.37603  (17022506)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 686
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                   INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650513.15	4187369.52	45.53038	(17011205)	650530.57	4187331.74	48.39440	(17013105)
650547.99	4187293.96	50.91032	(17013105)	650565.41	4187256.18	49.90346	(17013105)
650582.83	4187218.40	49.50150	(17012823)	650600.25	4187180.61	51.35416	(17012823)
650617.67	4187142.83	59.29936	(14011709)	650635.09	4187105.05	73.97483	(14011709)
650652.51	4187067.27	84.77610	(14011709)	650669.93	4187029.49	89.04436	(14011709)
650687.36	4186991.70	85.64745	(14011709)	650704.78	4186953.92	75.43415	(14011709)
650722.20	4186916.14	60.79592	(14011709)	650739.62	4186878.36	53.30215	(17021308)
650757.04	4186840.58	51.89762	(17021308)	650774.46	4186802.79	47.22523	(17011204)
650791.88	4186765.01	50.35668	(17120203)	650809.30	4186727.23	52.77617	(17120203)
650826.72	4186689.45	52.45149	(17021420)	650844.14	4186651.67	52.19620	(17021420)
650861.56	4186613.88	52.66712	(17123002)	650878.99	4186576.10	52.79531	(17013106)
650896.41	4186538.32	51.04844	(17013106)	650913.83	4186500.54	51.57936	(17121504)
650931.25	4186462.76	52.57996	(17121504)	650948.67	4186424.97	49.63714	(17121504)
650966.09	4186387.19	52.63962	(17120517)	650983.51	4186349.41	52.31368	(17120517)
651000.93	4186311.63	49.67901	(14021108)	651018.35	4186273.85	48.44467	(14011903)
651035.77	4186236.06	47.12374	(13121224)	651053.20	4186198.28	46.97149	(13121224)
651070.62	4186160.50	47.97777	(17123107)	651088.04	4186122.72	47.67589	(13012103)
651105.46	4186084.94	47.57278	(13012105)	651122.88	4186047.16	47.77755	(13012105)
651140.30	4186009.37	47.83780	(13010908)	651157.72	4185971.59	46.04802	(13010908)
651175.14	4185933.81	46.51458	(14120608)	651192.56			

4185896.03 47.28936 (14120608)
  651209.98 4185858.25 46.94078 (13010906) 651227.40
4185820.46 46.03828 (13021704)
  651244.83 4185782.68 46.34810 (13021704) 651262.25
4185744.90 46.17302 (14021223)
  651279.67 4185707.12 45.64456 (15010508) 651297.09
4185669.34 45.62601 (15010508)
  651314.51 4185631.55 45.41511 (13021604) 651331.93
4185593.77 44.32499 (17122821)
  651349.35 4185555.99 44.30831 (17122821) 651366.77
4185518.21 44.38365 (17122317)
  651384.19 4185480.43 43.80718 (15021803) 651401.61
4185442.64 43.91397 (15021803)
  651429.78 4185416.39 44.07072 (14022101) 651468.69
4185401.66 43.59108 (14022101)
  651507.60 4185386.94 52.89826 (13122209) 651546.52
4185372.21 57.93631 (13122209)
  651585.43 4185357.49 56.39383 (13122209) 651624.34
4185342.76 54.24605 (13120909)
  651663.25 4185328.04 57.54286 (13120909) 651702.16
4185313.31 56.43202 (13120909)
  651741.07 4185298.59 51.24928 (13120909) 651779.99
4185283.86 46.08526 (15010507)
  651818.90 4185269.13 46.08779 (14120701) 651857.81
4185254.41 46.55300 (14120701)
  651896.72 4185239.68 47.12988 (14021122) 651935.63
4185224.96 46.27143 (14021301)
  651974.55 4185210.23 46.28107 (13123108) 652013.46
4185195.51 47.48248 (13123108)
  652052.37 4185180.78 46.86126 (17121508) 652091.28
4185166.06 46.79155 (13020306)
  652130.19 4185151.33 47.25049 (13020306) 652169.10
4185136.60 44.53351 (13122704)
  652208.02 4185121.88 59.91797 (14011509) 652246.93
4185107.15 76.76764 (14011509)
  652285.84 4185092.43 89.19856 (14011509) 652324.75
4185077.70 94.20307 (14011509)
  652363.66 4185062.98 90.33043 (14011509) 652402.57
4185048.25 78.65288 (14011509)
  652441.49 4185033.53 62.14598 (14011509) 652480.40
4185018.80 47.90134 (14021104)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                          *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2
, VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650641.96	4185985.04	38.80597	(13121224)	650659.40	4185947.20	38.95371	(13121224)
650676.85	4185909.36	39.57943	(17123107)	650694.30	4185871.52	38.81388	(13012103)
650711.74	4185833.69	39.23681	(13012103)	650729.19	4185795.85	39.51950	(13012105)
650746.64	4185758.01	38.85069	(13012105)	650764.09	4185720.17	39.32709	(13010908)
650781.53	4185682.33	37.88255	(13010908)	650798.98	4185644.49	37.86001	(14120608)
650816.43	4185606.66	39.00909	(14120608)	650833.87	4185568.82	38.22206	(13010906)
650851.32	4185530.98	38.57173	(13010906)	650868.77	4185493.14	38.31554	(13021704)
650886.21	4185455.30	37.89942	(13021704)	650903.66	4185417.46	38.04735	(14021223)
650921.11	4185379.63	37.45750	(15010508)	650938.56	4185341.79	37.68981	(15010508)
650956.00	4185303.95	37.27299	(13021604)	650973.45	4185266.11	36.91406	(13021604)
650990.90	4185228.27	36.71735	(17122821)	651008.34	4185190.43	35.95261	(17122317)
651025.79	4185152.60	36.47725	(17122317)	651043.24	4185114.76	36.12294	(15021803)
651060.68	4185076.92	36.22305	(15021803)	651088.89	4185050.63	36.20245	(14022101)
651127.86	4185035.88	36.28688	(14022101)	651166.83	4185021.13	43.86663	(13122209)
651205.80	4185006.38	50.28361	(13122209)	651244.77	4184991.64	52.43663	(13122209)
651283.74	4184976.89	49.91935	(13122209)	651322.71	4184962.14	49.16242	(13120909)
651361.68	4184947.39	52.06060	(13120909)	651400.65			

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4184932.65       51.58435  (13120909)
        651439.62   4184917.90       47.73069  (13120909)                651478.59
4184903.15       41.34580  (13120909)
        651517.56   4184888.40       41.14151  (16010810)                651556.53
4184873.66       38.43990  (14120701)
        651595.50   4184858.91       38.13492  (14120701)                651634.47
4184844.16       38.91872  (14021122)
        651673.44   4184829.41       38.13108  (14021301)                651712.41
4184814.67       38.31914  (14021301)
        651751.38   4184799.92       39.17259  (13123108)                651790.35
4184785.17       38.44176  (13123108)
        651829.32   4184770.42       38.68468  (17121508)                651868.29
4184755.68       39.07263  (13020306)
        651907.26   4184740.93       38.66840  (13020306)                651946.23
4184726.18       37.14930  (14011509)
        651985.20   4184711.43       51.31481  (14011509)                652024.17
4184696.69       65.53235  (14011509)
        652063.14   4184681.94       77.20141  (14011509)                652102.11
4184667.19       83.87951  (14011509)
        652141.08   4184652.44       84.19347  (14011509)                652180.05
4184637.70       77.98409  (14011509)
        652219.02   4184622.95       66.66431  (14011509)                652257.99
4184608.20       52.59553  (14011509)
        652296.96   4184593.45       39.52474  (14021104)                652335.93
4184578.71       40.89000  (17122918)
        652374.90   4184563.96       41.40893  (17122918)                652413.87
4184549.21       39.34398  (17122918)
        652452.84   4184534.46       36.32781  (16121108)                652491.81
4184519.72       37.40411  (14021105)
        652530.78   4184504.97       39.10747  (14021105)                652569.75
4184490.22       38.75507  (13012005)
        652608.72   4184475.47       39.55301  (13012005)                652647.69
4184460.73       39.45490  (16012703)
        652686.65   4184445.98       39.11485  (16012703)                652725.62
4184431.23       39.38222  (13020420)
        652764.59   4184416.48       39.53307  (14120620)                652803.56
4184401.74       39.37118  (14120620)
        652842.53   4184386.99       40.49738  (17011302)                652881.50
4184372.24       39.10301  (17011302)
        652920.47   4184357.49       39.16942  (15010901)                652959.44
4184342.75       45.57585  (14120609)
        652998.41   4184328.00       51.23488  (14120609)                653037.38
4184313.25       52.23952  (14120609)
        653076.35   4184298.50       48.49438  (14120609)                653115.32
4184283.75       40.68833  (14120609)
        653154.29   4184269.01       40.35311  (17121903)                653193.26
4184254.26       40.46881  (17011609)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653232.23	4184239.51	40.31343	(17011609)	653271.20	4184224.76	38.55728	(17120605)
653310.17	4184210.02	37.66327	(17120605)	653349.14	4184195.27	42.73433	(17123010)
653388.11	4184180.52	45.87400	(17123010)	653427.08	4184165.77	45.39787	(17123010)
653466.05	4184151.03	41.51055	(17123010)	653505.02	4184136.28	36.94443	(17012904)
653543.99	4184121.53	35.32577	(17021409)	653582.96	4184106.78	33.08701	(14030505)
653621.93	4184092.04	35.69648	(17123009)	653660.90	4184077.29	40.43794	(17123009)
653699.87	4184062.54	43.37109	(17123009)	653738.84	4184047.79	44.07248	(17123009)
649847.21	4187727.57	38.68122	(17013008)	649845.39	4187769.33	39.42560	(17013008)
649843.57	4187811.09	37.67697	(17013008)	653669.02	4187987.41	8452.94464	(17120707)
653652.19	4188005.90	5851.84335	(17122609)	653635.37	4188024.39	3920.83080	(17122609)
653617.96	4188041.48	2769.38514	(17120624)	653608.64	4188019.11	3800.36870	(17020404)
653599.33	4187996.73	3606.11223	(17122608)	653631.73	4188060.96	2537.18973	(17123024)
653584.52	4188078.97	1773.34720	(17120208)	653575.63	4188057.61	2255.69133	(17043004)
653566.74	4188036.26	2636.37828	(17020404)	653557.84	4188014.90	2515.67306	(17011201)
653548.95	4187993.54	2559.60679	(17120702)	653598.07	4188097.94	1748.74744	(17123021)

653550.66 4188115.44 1318.30633 (17123024) 653541.34
4188093.07 1429.98909 (17120624)
653532.03 4188070.69 1800.65408 (17120905) 653522.71
4188048.32 2000.08956 (17121007)
653513.40 4188025.94 1882.63686 (17123105) 653504.08
4188003.57 1903.96263 (17120702)
653517.13 4188152.74 1053.84068 (17121324) 653508.08
4188130.98 1062.13626 (17120208)
653499.02 4188109.23 1227.88255 (17043004) 653489.96
4188087.47 1435.29213 (17120905)
653480.91 4188065.72 1576.13642 (17121007) 653471.85
4188043.96 1518.77694 (17011201)
653462.80 4188022.21 1371.85831 (17120901) 653453.74
4188000.46 1504.73118 (17121322)
653483.35 4188189.41 843.19375 (17121324) 653474.04
4188167.03 838.29063 (15022507)
653464.72 4188144.65 911.70114 (17120624) 653455.41
4188122.28 1115.42303 (17043004)
653446.09 4188099.90 1247.76539 (17020404) 653436.78
4188077.53 1275.92816 (17122805)
653427.46 4188055.15 1211.80102 (17011201) 653418.15
4188032.78 1122.40727 (17120901)
653408.83 4188010.40 1209.34208 (17121322) 653399.52
4187988.02 1187.33729 (17013107)
653449.79 4188226.61 677.86574 (17123024) 653440.66
4188204.68 693.49153 (17123024)
653431.54 4188182.75 723.62919 (17120208) 653422.41
4188160.82 768.88976 (17043004)
653413.28 4188138.90 935.03203 (17043004) 653404.15
4188116.97 1055.18836 (17020404)
653395.02 4188095.04 1067.83456 (17122805) 653385.89
4188073.11 1044.77502 (17011201)
653376.77 4188051.18 983.26101 (17122608) 653367.64
4188029.26 1001.02709 (17120702)
653358.51 4188007.33 1012.20665 (17121322) 653349.38
4187985.40 1002.60255 (17013107)
653382.32 4188300.17 491.35214 (14121304) 653372.86
4188277.43 529.83977 (17121324)
653363.39 4188254.69 515.31990 (15022507) 653353.93
4188231.96 542.14450 (17121808)
653344.46 4188209.22 561.96635 (17120624) 653335.00
4188186.48 692.71695 (17043004)
653325.53 4188163.75 728.03807 (17020404) 653316.07
4188141.01 781.75392 (17121007)
653306.60 4188118.27 787.87416 (17120707) 653297.14
4188095.54 750.47520 (17011201)
653287.67 4188072.80 725.31045 (17122608) 653278.21
4188050.06 711.19155 (17120702)
653268.74 4188027.33 749.98163 (17121322) 653259.28
4188004.59 745.92153 (17122903)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4188312.40 357.91327 (17120624)
653181.81 4188289.77 412.38552 (17043004) 653172.39
4188267.15 434.87634 (17120905)
653162.97 4188244.53 450.58025 (17121402) 653153.55
4188221.90 499.24208 (17020404)
653144.14 4188199.28 501.96048 (17121007) 653134.72
4188176.65 496.06165 (17120707)
653125.30 4188154.03 486.27758 (17011201) 653115.88
4188131.40 472.50524 (17123105)
653106.46 4188108.78 446.88453 (17122608) 653097.05
4188086.16 445.20185 (17013104)
653087.63 4188063.53 473.85851 (17120702) 653078.21
4188040.91 474.00997 (17121322)
653068.79 4188018.28 469.58358 (17122903) 653059.37
4187995.66 465.26378 (17013107)
653049.95 4187973.04 450.79340 (17011505) 653180.44
4188522.12 264.47481 (17123021)
653171.04 4188499.53 258.57073 (14121304) 653161.63
4188476.94 273.28740 (17121324)
653152.23 4188454.35 275.38971 (17121324) 653142.82
4188431.76 270.31148 (15022507)
653133.42 4188409.17 277.79550 (17120208) 653124.01
4188386.58 289.73905 (17121808)
653114.61 4188363.99 298.71252 (17120624) 653105.21
4188341.40 327.54959 (17043004)
653095.80 4188318.80 365.85777 (17043004) 653086.40
4188296.21 383.97889 (17120905)
653076.99 4188273.62 400.99969 (17020404) 653067.59
4188251.03 410.27854 (17020404)
653058.18 4188228.44 416.34178 (17122805) 653048.78
4188205.85 412.13765 (17120707)
653039.38 4188183.26 407.62373 (17011201) 653029.97
4188160.67 390.49302 (17123105)
653020.57 4188138.08 381.59808 (17122608) 653011.16
4188115.49 350.40064 (17120901)
653001.76 4188092.90 387.44378 (17120702) 652992.35
4188070.31 386.53207 (17121322)
652982.95 4188047.72 389.96595 (17121322) 652973.55
4188025.12 390.06670 (17122903)
652964.14 4188002.53 389.11254 (17013107) 652954.74
4187979.94 371.26520 (17122521)
653113.14 4188596.10 223.43740 (17123021) 653103.75
4188573.53 221.36150 (17123021)
653094.35 4188550.96 221.36414 (17121324) 653084.96
4188528.40 238.14611 (17121324)
653075.57 4188505.83 224.83206 (17123024) 653066.17
4188483.27 230.94870 (15022507)
653056.78 4188460.70 237.56523 (17120208) 653047.39
4188438.14 247.22789 (17121808)
653037.99 4188415.57 254.30795 (17120624) 653028.60

4188393.01   264.69932 (17043004)
        653019.21   4188370.44   308.21188 (17043004)   653009.81
4188347.88   317.64386 (17120905)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652888.24 4188644.93 161.09504 (15022507) 652878.80
4188622.26 164.26442 (15022507)
652869.36 4188599.59 169.10813 (17120208) 652859.93
4188576.92 172.34456 (17121808)
652850.49 4188554.25 178.40882 (17120624) 652841.05
4188531.58 180.06102 (17120624)
652831.61 4188508.91 189.66347 (17043004) 652822.18
4188486.23 218.00640 (17043004)
652812.74 4188463.56 220.65411 (17043004) 652803.30
4188440.89 234.42150 (17120905)
652793.86 4188418.22 228.82191 (17020404) 652784.43
4188395.55 252.14445 (17020404)
652774.99 4188372.88 246.06599 (17020404) 652765.55
4188350.21 254.74002 (17121007)
652756.12 4188327.54 253.07870 (17120707) 652746.68
4188304.87 248.46498 (17010620)
652737.24 4188282.20 248.88144 (17011201) 652727.80
4188259.53 227.05492 (17011201)
652718.37 4188236.86 239.81818 (17123105) 652708.93
4188214.19 231.53146 (17122608)
652699.49 4188191.52 221.68067 (17120901) 652690.05
4188168.85 219.58866 (17013104)
652680.62 4188146.18 236.55386 (17120702) 652671.18
4188123.51 238.20970 (17120702)
652661.74 4188100.84 241.25440 (17121322) 652652.31
4188078.17 233.58982 (17011121)
652642.87 4188055.50 238.75657 (17122903) 652633.43
4188032.83 235.68186 (17013107)
652623.99 4188010.16 232.13663 (17013107) 652614.56
4187987.49 225.85792 (17122521)
652605.12 4187964.82 229.95987 (17011505) 652776.59
4188965.81 120.77899 (17020406)
652767.12 4188943.08 122.17977 (17123021) 652757.66
4188920.34 121.94800 (17123021)
652748.19 4188897.60 119.09919 (14121304) 652738.73
4188874.87 120.03689 (17010902)
652729.26 4188852.13 128.35587 (17121324) 652719.80
4188829.40 128.76206 (17121324)
652710.33 4188806.66 121.37811 (14042106) 652700.87
4188783.92 124.52499 (15022507)
652691.40 4188761.19 125.43737 (15021501) 652681.94
4188738.45 128.53300 (17120208)
652672.47 4188715.71 127.89660 (17121808) 652663.01
4188692.98 135.81360 (17121808)
652653.54 4188670.24 138.15116 (17120624) 652644.08
4188647.50 134.88009 (17120624)
652634.61 4188624.77 144.56809 (17043004) 652625.15
4188602.03 164.53878 (17043004)
652615.68 4188579.29 169.92567 (17043004) 652606.22
4188556.56 174.88765 (17120905)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652539.96	4188397.40	193.97658	(17120707)	652530.50	4188374.67	192.19887	(16012009)
652521.03	4188351.93	189.89409	(17011201)	652511.57	4188329.19	176.66737	(17011201)
652502.10	4188306.46	181.17287	(17123105)	652492.64	4188283.72	179.69119	(17123105)
652483.17	4188260.98	174.00930	(17122608)	652473.71	4188238.25	167.30585	(17120901)
652464.24	4188215.51	164.66423	(17013104)	652454.78	4188192.77	175.23587	(17013104)
652445.31	4188170.04	184.24383	(17120702)	652435.85	4188147.30	178.13433	(17123008)
652426.38	4188124.56	183.96277	(17121322)	652416.92	4188101.83	177.92038	(17011121)
652407.45	4188079.09	182.76043	(17122903)	652397.99	4188056.35	175.71477	(17013107)
652388.52	4188033.62	180.87923	(17013107)	652379.06	4188010.88	175.65032	(17120922)
652369.59	4187988.14	172.22402	(17122521)	652360.13	4187965.41	175.37725	(17011505)
652350.67	4187942.67	167.62485	(17011505)	652608.36			

4189150.80 95.30332 (17020406)
652598.96 4189128.22 96.64570 (17020406) 652589.57
4189105.64 98.07257 (17123021)
652580.17 4189083.06 95.54365 (17123021) 652570.77
4189060.49 94.22804 (14121304)
652561.37 4189037.91 95.30729 (17010902) 652551.97
4189015.33 101.23959 (17121324)
652542.57 4188992.76 103.27315 (17121324) 652533.17
4188970.18 99.48514 (17121324)
652523.77 4188947.60 97.41907 (14042106) 652514.38
4188925.02 99.56755 (15022507)
652504.98 4188902.45 99.87221 (15021501) 652495.58
4188879.87 101.78100 (17120208)
652486.18 4188857.29 102.33991 (17120208) 652476.78
4188834.72 106.20256 (17121808)
652467.38 4188812.14 108.33095 (17121808) 652457.98
4188789.56 110.10550 (17120624)
652448.59 4188766.98 106.38054 (17120624) 652439.19
4188744.41 111.77287 (17043004)
652429.79 4188721.83 127.74602 (17043004) 652420.39
4188699.25 135.31171 (17043004)
652410.99 4188676.68 132.74319 (17043004) 652401.59
4188654.10 141.91050 (17120905)
652392.19 4188631.52 140.44408 (17120905) 652382.80
4188608.94 140.51243 (17020404)
652373.40 4188586.37 152.14575 (17020404) 652364.00
4188563.79 153.17394 (17020404)
652354.60 4188541.21 152.40268 (17121007) 652345.20
4188518.64 154.96539 (17121007)
652335.80 4188496.06 154.53893 (17122805) 652326.40
4188473.48 166.21815 (16012009)
652317.00 4188450.90 170.56120 (16012009) 652307.61
4188428.33 164.48897 (16012009)
652298.21 4188405.75 149.13572 (16012009) 652288.81
4188383.17 137.55715 (17031807)
652279.41 4188360.59 145.72751 (17123105) 652270.01
4188338.02 141.95059 (17123105)
652260.61 4188315.44 138.72742 (17122608) 652251.21
4188292.86 135.41927 (17120901)
652241.82 4188270.29 123.01439 (17013104) 652232.42
4188247.71 136.78543 (17013104)
652223.02 4188225.13 143.01504 (17120702) 652213.62
4188202.55 146.66451 (17120702)
652204.22 4188179.98 142.01502 (17123008) 652194.82
4188157.40 146.56796 (17121322)
652185.42 4188134.82 142.50406 (17121322) 652176.02
4188112.25 144.99949 (17122903)
652166.63 4188089.67 143.88668 (17122903) 652157.23
4188067.09 141.54339 (17013107)
652147.83 4188044.51 143.98137 (17013107) 652138.43

4188021.94   140.09997 (17120922)
        652129.03   4187999.36   137.16749 (17122521)   652119.63
4187976.78   139.01891 (17011505)
        652110.23   4187954.21   138.25274 (17011505)   652100.84
4187931.63   129.45790 (17011505)
        652622.17   4189170.37   96.07366 (17022406)   652440.09
4189335.67   77.49679 (17020406)
        652430.67   4189313.03   79.54835 (17020406)   652421.24
4189290.39   80.10519 (17123021)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652242.19 4188860.27 91.80259 (17043004) 652232.77 4188837.64 104.03153 (17043004)
652223.34 4188815.00 110.72525 (17043004) 652213.92 4188792.36 110.62538 (17043004)
652204.49 4188769.72 113.62307 (17120905) 652195.07 4188747.09 117.65309 (17120905)
652185.65 4188724.45 113.60403 (17121402) 652176.22 4188701.81 117.05725 (17020404)
652166.80 4188679.17 125.22680 (17020404) 652157.37 4188656.53 126.14342 (17020404)
652147.95 4188633.90 123.32941 (17121007) 652138.53 4188611.26 127.80884 (17121007)
652129.10 4188588.62 127.04096 (17122805) 652119.68 4188565.98 142.26165 (16012009)
652110.25 4188543.34 151.58133 (16012009) 652100.83 4188520.71 153.42154 (16012009)
652091.41 4188498.07 147.53151 (16012009) 652081.98 4188475.43 134.81654 (16012009)
652072.56 4188452.79 117.12585 (16012009) 652063.14 4188430.16 118.17060 (17123105)
652053.71 4188407.52 119.64904 (17123105) 652044.29 4188384.88 115.77253 (17122608)
652034.86 4188362.24 113.31266 (17120901) 652025.44 4188339.60 110.42870 (17120901)
652016.02 4188316.97 99.75843 (17013104) 652006.59 4188294.33 111.09930 (17013104)
651997.17 4188271.69 114.97778 (17013104) 651987.74 4188249.05 120.55178 (17120702)
651978.32 4188226.42 118.60795 (17120702) 651968.90 4188203.78 118.16769 (17121322)
651959.47 4188181.14 120.39309 (17121322) 651950.05 4188158.50 116.37334 (17011121)
651940.62 4188135.86 118.96047 (17122903) 651931.20 4188113.23 119.05891 (17122903)
651921.78 4188090.59 113.73462 (17013107) 651912.35 4188067.95 118.44376 (17013107)
651902.93 4188045.31 116.67242 (17013107) 651893.51 4188022.67 114.72801 (17120922)
651884.08 4188000.04 112.93967 (17122521) 651874.66 4187977.40 114.32279 (17011505)
651865.23 4187954.76 113.90435 (17011505) 651855.81 4187932.12 107.97454 (17011505)
652103.56 4189705.43 54.69498 (13122605) 652094.10 4189682.71 56.89302 (17020406)
652084.64 4189659.99 57.37573 (17020406) 652075.18 4189637.27 57.87034 (17123021)
652065.72 4189614.55 58.01113 (17123021) 652056.26 4189591.83 56.38311 (14121304)
652046.80 4189569.11 56.19334 (14121304) 652037.35 4189546.39 56.09817 (13012107)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651914.39	4189251.01	59.90779	(14012408)	651904.93	4189228.29	62.89117	(17121808)
651895.47	4189205.57	64.30953	(17121808)	651886.01	4189182.85	64.68756	(17120624)
651876.55	4189160.13	65.12263	(17120624)	651867.09	4189137.41	63.26390	(17120624)
651857.63	4189114.69	62.51889	(17012718)	651848.18	4189091.97	65.95554	(17043004)
651838.72	4189069.25	73.80544	(17043004)	651829.26	4189046.53	78.90830	(17043004)
651819.80	4189023.80	80.58000	(17043004)	651810.34	4189001.08	78.57522	(17043004)
651800.88	4188978.36	82.49555	(17120905)	651791.43	4188955.64	85.14247	(17120905)
651781.97	4188932.92	82.92181	(17120905)	651772.51			

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4188910.20       81.46170  (17121402)
        651763.05   4188887.48       85.63906  (17020404)                651753.59
4188864.76       90.18351  (17020404)
        651744.13   4188842.04       90.88850  (17020404)                651734.67
4188819.32       87.67777  (17020404)
        651725.22   4188796.60       90.76477  (17121007)                651715.76
4188773.87       91.84909  (17121007)
        651706.30   4188751.15      102.10351  (16012009)                651696.84
4188728.43      113.58834  (16012009)
        651687.38   4188705.71      121.71429  (16012009)                651677.92
4188682.99      125.70709  (16012009)
        651668.47   4188660.27      125.09250  (16012009)                651659.01
4188637.55      119.96710  (16012009)
        651649.55   4188614.83      110.85277  (16012009)                651640.09
4188592.11       98.74442  (16012009)
        651630.63   4188569.39       84.82235  (16012009)                651621.17
4188546.67       85.72798  (17123105)
        651611.71   4188523.94       86.12426  (17123105)                651602.26
4188501.22       83.14099  (17122608)
        651592.80   4188478.50       82.02083  (17122608)                651583.34
4188455.78       81.59017  (17120901)
        651573.88   4188433.06       78.16590  (17120901)                651564.42
4188410.34       70.82235  (17120901)
        651554.96   4188387.62       78.00995  (17013104)                651545.51
4188364.90       82.36125  (17013104)
        651536.05   4188342.18       84.43475  (17120702)                651526.59
4188319.46       87.07314  (17120702)
        651517.13   4188296.74       85.55838  (17120702)                651507.67
4188274.01       84.14566  (17123008)
        651498.21   4188251.29       86.42420  (17121322)                651488.75
4188228.57       86.06607  (17121322)
        651479.30   4188205.85       83.68364  (17123003)                651469.84
4188183.13       85.21142  (17122903)
        651460.38   4188160.41       86.16953  (17122903)                651450.92
4188137.69       83.48898  (17122903)
        651441.46   4188114.97       82.96882  (17013107)                651432.00
4188092.25       85.27203  (17013107)
        651422.55   4188069.53       84.17465  (17013107)                651413.09
4188046.81       82.91544  (17120922)
        651403.63   4188024.08       80.95543  (17120922)                651394.17
4188001.36       81.13920  (17122521)
        651384.71   4187978.64       82.26671  (17011505)                651375.25
4187955.92       82.17302  (17011505)
        651365.79   4187933.20       79.16928  (17011505)                651356.34
4187910.48       73.59055  (17011505)
        652117.39   4189725.08       56.96294  (17022406)                651767.05
4190075.27       42.01669  (17022406)
        651757.62   4190052.61       42.92291  (17020406)                651748.18
4190029.95       43.91430  (17020406)
        651738.75   4190007.29       43.85279  (17020406)                651729.32
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4189984.63   44.36896 (17123021)
        651719.89   4189961.97   44.51840 (17123021)   651710.45
4189939.31   43.57718 (17123021)
        651701.02   4189916.65   43.23291 (14121304)   651691.59
4189893.99   42.59445 (14121304)
        651682.15   4189871.33   42.97565 (13012107)   651672.72
4189848.67   42.91367 (17010902)
        651663.29   4189826.01   44.29986 (17121324)   651653.85
4189803.35   46.18346 (17121324)
        651644.42   4189780.69   46.91713 (17121324)   651634.99
4189758.03   46.43114 (17121324)
        651625.56   4189735.37   44.75159 (17121324)   651616.12
4189712.71   43.39251 (14042106)
        651606.69   4189690.05   44.15966 (14042106)   651597.26
4189667.39   47.57714 (15110108)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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651455.76 4189327.50 49.13590 (17043004) 651446.33
4189304.84 54.77688 (17043004)
651436.90 4189282.18 58.97715 (17043004) 651427.46
4189259.52 61.31898 (17043004)
651418.03 4189236.86 61.55239 (17043004) 651408.60
4189214.20 59.64522 (17043004)
651399.17 4189191.54 62.66385 (17120905) 651389.73
4189168.88 65.05586 (17120905)
651380.30 4189146.22 64.65837 (17120905) 651370.87
4189123.57 62.48208 (17121402)
651361.43 4189100.91 62.02213 (17121402) 651352.00
4189078.25 65.45456 (17020404)
651342.57 4189055.59 68.73963 (17020404) 651333.13
4189032.93 69.82650 (17020404)
651323.70 4189010.27 68.59956 (17020404) 651314.27
4188987.61 67.02455 (17121007)
651304.84 4188964.95 69.90722 (17121007) 651295.40
4188942.29 72.89615 (16012009)
651285.97 4188919.63 83.62559 (16012009) 651276.54
4188896.97 93.28845 (16012009)
651267.10 4188874.31 101.21576 (16012009) 651257.67
4188851.65 106.72672 (16012009)
651248.24 4188828.99 109.24963 (16012009) 651238.81
4188806.33 108.59884 (16012009)
651229.37 4188783.67 104.95534 (16012009) 651219.94
4188761.01 98.78329 (16012009)
651210.51 4188738.35 90.18853 (16012009) 651201.07
4188715.69 79.78934 (16012009)
651191.64 4188693.03 68.83594 (16012009) 651182.21
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651153.91 4188602.40 63.57268 (17122608) 651144.48
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651135.04 4188557.08 62.62965 (17120901) 651125.61
4188534.42 60.36227 (17120901)
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4188489.10 56.41706 (17013104)
651097.31 4188466.44 61.03070 (17013104) 651087.88
4188443.78 63.42740 (17013104)
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4188353.14 64.48947 (17123008)
651040.71 4188330.48 64.57566 (17121322) 651031.28
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4188262.50 63.93134 (17123003)

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        650908.65   4188013.25       62.35938  (17122521)               650899.22
4187990.59       62.46250  (17011505)
        650889.79   4187967.93       63.35379  (17011505)               650880.35
4187945.27       62.49298  (17011505)
        650870.92   4187922.61       59.94959  (17011505)               650861.49
4187899.95       55.92141  (17011505)
        650852.06   4187877.29       54.11457  (17013008)               651780.88
4190094.89       43.63545  (17022406)
♠ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 696
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                 INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        651430.52   4190445.04       33.67538  (17022406)               651421.06
4190422.33       33.63696  (17020406)
        651411.61   4190399.61       34.70290  (17020406)               651402.15
4190376.90       35.11696  (17020406)
        651392.70   4190354.19       34.84582  (17020406)               651383.24
4190331.47       35.41529  (17123021)
        651373.78   4190308.76       35.53762  (17123021)               651364.33
4190286.04       34.96192  (17123021)
        651354.87   4190263.33       34.45772  (14121304)               651345.42
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4190240.61 34.29703 (14121304)
651335.96 4190217.90 34.12853 (13012107) 651326.51
4190195.18 34.26631 (13012107)
651317.05 4190172.47 34.15293 (17010902) 651307.59
4190149.75 34.94954 (17121324)
651298.14 4190127.04 36.50447 (17121324) 651288.68
4190104.32 37.34691 (17121324)
651279.23 4190081.61 37.41620 (17121324) 651269.77
4190058.90 36.70073 (17121324)
651260.31 4190036.18 35.23704 (17121324) 651250.86
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651109.02 4189672.75 39.79303 (17120624) 651099.57
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4189241.17 55.03142 (17020404)
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4189195.74 55.07257 (17020404)
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4189150.31 54.88177 (17121007)
650882.08 4189127.60 56.27901 (17121007) 650872.62

4189104.88   64.78247 (16012009)
        650863.17   4189082.17   71.87065 (16012009)   650853.71
4189059.45   79.75171 (16012009)
        650844.26   4189036.74   86.66506 (16012009)   650834.80
4189014.02   92.43121 (16012009)
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4188968.59   96.73790 (16012009)
        650806.43   4188945.88   95.62790 (16012009)   650796.98
4188923.16   92.21277 (16012009)
        650787.52   4188900.45   86.64004 (16012009)   650778.07
4188877.73   79.20449 (16012009)
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        650730.79   4188764.16   53.16310 (17123105)   650721.33
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        650711.87   4188718.73   50.82153 (17122608)   650702.42
4188696.02   50.21721 (17122608)
        650692.96   4188673.30   50.39517 (17120901)   650683.51
4188650.59   49.89812 (17120901)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                  INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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650598.40 4188446.16 52.99533 (17120702) 650588.95
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650579.49 4188400.73 51.58457 (17123008) 650570.04
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650409.29 4187991.86 50.04093 (17011505) 650399.83
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651065.70 4190746.86 28.76287 (17020406) 651056.26
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650971.33 4190520.16 30.12665 (13010510) 650961.89
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650952.45 4190474.82 29.90890 (16111409) 650943.01
4190452.15 29.68700 (16111409)
650933.58 4190429.48 30.49042 (17121324) 650924.14
4190406.81 30.82596 (17121324)
650914.70 4190384.14 30.62983 (17121324) 650905.27
4190361.47 29.90774 (17121324)

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        650895.83   4190338.80       28.69321  (17121324)                650886.39
4190316.13       29.17434  (15110108)
        650876.95   4190293.46       33.11335  (15110108)                650867.52
4190270.79       36.34464  (15110108)
        650858.08   4190248.12       38.56683  (15110108)                650848.64
4190225.45       39.56331  (15110108)
        650839.20   4190202.78       39.20750  (15110108)                650829.77
4190180.11       37.52654  (15110108)
        650820.33   4190157.44       34.68250  (15110108)                650810.89
4190134.77       30.93968  (15110108)
        650801.46   4190112.10       30.47414  (17022405)                650792.02
4190089.43       30.57104  (17022405)
        650782.58   4190066.76       30.04758  (17022405)                650773.14
4190044.09       30.20315  (14012408)
        650763.71   4190021.42       31.24345  (17121808)                650754.27
4189998.75       32.09521  (17121808)
        650744.83   4189976.08       32.34877  (17121808)                650735.39
4189953.41       32.05976  (17120624)
        650725.96   4189930.74       32.64973  (17120624)                650716.52
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        650707.08   4189885.40       32.08560  (17120624)                650697.65
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        650688.21   4189840.06       31.27674  (14041407)                650678.77
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 698
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  FUEL     ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2
, VOL3        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        650669.33   4189794.72       31.91865  (17012718)                650659.90
4189772.05       34.51490  (17043004)
        650650.46   4189749.38       37.19814  (17043004)                650641.02
```

4189726.71 39.18221 (17043004)
650631.58 4189704.04 40.29262 (17043004) 650622.15
4189681.37 40.43460 (17043004)
650612.71 4189658.70 39.71871 (17043004) 650603.27
4189636.03 38.47415 (17120905)
650593.83 4189613.36 41.08176 (17120905) 650584.40
4189590.69 42.63743 (17120905)
650574.96 4189568.02 42.98520 (17120905) 650565.52
4189545.35 42.06110 (17120905)
650556.09 4189522.68 40.85124 (17121402) 650546.65
4189500.01 40.68462 (17121402)
650537.21 4189477.34 40.52115 (17020404) 650527.77
4189454.67 43.13487 (17020404)
650518.34 4189432.00 44.90956 (17020404) 650508.90
4189409.33 45.73787 (17020404)
650499.46 4189386.66 45.56451 (17020404) 650490.02
4189363.99 44.39634 (17020404)
650480.59 4189341.32 43.45421 (17121007) 650471.15
4189318.65 45.35034 (17121007)
650461.71 4189295.98 47.50877 (16012009) 650452.28
4189273.31 54.57955 (16012009)
650442.84 4189250.64 61.54878 (16012009) 650433.40
4189227.97 68.23691 (16012009)
650423.96 4189205.30 74.01788 (16012009) 650414.53
4189182.63 78.84025 (16012009)
650405.09 4189159.96 82.42848 (16012009) 650395.65
4189137.29 84.55684 (16012009)
650386.21 4189114.62 85.10765 (16012009) 650376.78
4189091.95 84.08565 (16012009)
650367.34 4189069.28 81.52861 (16012009) 650357.90
4189046.61 77.56136 (16012009)
650348.47 4189023.94 72.43284 (16012009) 650339.03
4189001.27 66.39805 (16012009)
650329.59 4188978.60 59.76104 (16012009) 650320.15
4188955.93 52.80544 (16012009)
650310.72 4188933.26 45.82382 (16012009) 650301.28
4188910.59 43.18467 (17123105)
650291.84 4188887.92 43.78393 (17123105) 650282.40
4188865.25 43.14522 (17123105)
650272.97 4188842.58 41.50675 (17122608) 650263.53
4188819.91 41.52085 (17122608)
650254.09 4188797.24 40.77653 (17122608) 650244.66
4188774.57 41.36951 (17120901)
650235.22 4188751.90 40.92256 (17120901) 650225.78
4188729.23 39.35934 (17120901)
650216.34 4188706.56 36.81152 (17120901) 650206.91
4188683.89 34.13385 (17013104)
650197.47 4188661.22 37.40740 (17013104) 650188.03
4188638.55 39.90699 (17013104)
650178.59 4188615.88 41.43580 (17013104) 650169.16

4188593.21   41.92105 (17013104)
        650159.72   4188570.54   42.69036 (17120702)   650150.28
4188547.87   43.81407 (17120702)
        650140.85   4188525.20   43.87301 (17120702)   650131.41
4188502.53   42.87942 (17120702)
        650121.97   4188479.86   42.56988 (17123008)   650112.53
4188457.19   42.26449 (17123008)
        650103.10   4188434.52   43.22651 (17121322)   650093.66
4188411.85   43.53581 (17121322)
        650084.22   4188389.18   43.00587 (17121322)   650074.78
4188366.51   41.87384 (17123003)
        650065.35   4188343.84   41.95916 (17123003)   650055.91
4188321.17   42.66792 (17122903)
        650046.47   4188298.50   43.42684 (17122903)   650037.03
4188275.83   43.29491 (17122903)
        650027.60   4188253.16   42.21373 (17122903)   650018.16
4188230.49   40.30751 (17122903)
        650008.72   4188207.82   41.36129 (17013107)   649999.29
4188185.15   42.57702 (17013107)
        649989.85   4188162.48   42.94228 (17013107)   649980.41
4188139.81   42.47804 (17013107)
        649970.97   4188117.14   41.62696 (17120922)   649961.54
4188094.47   41.85589 (17120922)
        649952.10   4188071.80   41.22463 (17120922)   649942.66
4188049.13   40.91362 (17122521)
        649933.22   4188026.46   41.03809 (17122521)   649923.79
4188003.79   40.70165 (17011505)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FUEL   ***
                                 INCLUDING SOURCE(S):   VOL1   , VOL2   , VOL3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653690.13	4187328.38	499.38587	(17122820)	653710.13	4187328.38	512.98390	(17123009)
653730.13	4187328.38	601.22341	(17123009)	653750.13	4187328.38	570.60687	(17123009)
653770.13	4187328.38	523.69032	(17011719)	653790.13	4187328.38	490.61554	(15011509)
653810.13	4187328.38	504.82088	(17120822)	653830.13	4187328.38	554.98695	(17122917)
653850.13	4187328.38	530.53910	(17122917)	653870.13	4187328.38	471.04280	(17013024)
653890.13	4187328.38	526.99419	(17013024)	653910.13	4187328.38	522.46734	(17012520)
653930.13	4187328.38	505.67751	(17012520)	653950.13			

4187328.38 510.74667 (17122319)
653970.13 4187328.38 510.85854 (17012804) 653990.13
4187328.38 509.04763 (17122518)
654010.13 4187328.38 498.17450 (17122920) 654030.13
4187328.38 456.28382 (17012903)
654050.13 4187328.38 465.32793 (17012903) 654070.13
4187328.38 417.13424 (17012903)
654090.13 4187328.38 455.17735 (17020801) 654110.13
4187328.38 454.42893 (17020801)
654130.13 4187328.38 399.51894 (17020801) 654150.13
4187328.38 378.40745 (17011208)
654170.13 4187328.38 402.55966 (17120120) 654190.13
4187328.38 396.15109 (17120120)
654210.13 4187328.38 355.42536 (17011301) 654230.13
4187328.38 369.11045 (17011508)
654250.13 4187328.38 347.44832 (17011508) 654270.13
4187328.38 317.82050 (17012908)
654290.13 4187328.38 347.34647 (17012908) 654310.13
4187328.38 350.63627 (17012908)
654330.13 4187328.38 328.49889 (17012908) 654350.13
4187328.38 312.90637 (17120121)
654370.13 4187328.38 293.76011 (17120121) 654390.13
4187328.38 261.51620 (17013019)
654410.13 4187328.38 273.13478 (17013019) 654430.13
4187328.38 264.93077 (17013019)
654450.13 4187328.38 247.20903 (15021508) 654470.13
4187328.38 256.04184 (17122320)
654490.13 4187328.38 275.98073 (17122320) 653690.13
4187348.38 524.60780 (17122820)
653710.13 4187348.38 531.39921 (17123009) 653730.13
4187348.38 626.91302 (17123009)
653750.13 4187348.38 593.68870 (17123009) 653770.13
4187348.38 542.10529 (17011719)
653790.13 4187348.38 507.77976 (15011509) 653810.13
4187348.38 527.57867 (17120822)
653830.13 4187348.38 582.11629 (17122917) 653850.13
4187348.38 538.55123 (17122917)
653870.13 4187348.38 512.41630 (17013024) 653890.13
4187348.38 550.07510 (17013024)
653910.13 4187348.38 550.08610 (17012520) 653930.13
4187348.38 507.50795 (17011120)
653950.13 4187348.38 531.81315 (17122319) 653970.13
4187348.38 517.82717 (17012804)
653990.13 4187348.38 524.52264 (17122518) 654010.13
4187348.38 500.73604 (17122920)
654030.13 4187348.38 488.85506 (17012903) 654050.13
4187348.38 467.03224 (17012903)
654070.13 4187348.38 455.67946 (17020801) 654090.13
4187348.38 482.30565 (17020801)
654110.13 4187348.38 445.73725 (17020801) 654130.13

4187348.38   386.56269 (17011208)
        654150.13   4187348.38   412.93635 (17120120)   654170.13
4187348.38   420.27580 (17120120)
        654190.13   4187348.38   382.69826 (17120120)   654210.13
4187348.38   385.13965 (17011508)
        654230.13   4187348.38   370.30896 (17011508)   654250.13
4187348.38   325.61390 (17012908)
        654270.13   4187348.38   360.51492 (17012908)   654290.13
4187348.38   367.14292 (17012908)
        654310.13   4187348.38   345.68324 (17012908)   654330.13
4187348.38   327.03778 (17120121)
        654350.13   4187348.38   307.14247 (17120121)   654370.13
4187348.38   274.16658 (17013019)
        654390.13   4187348.38   285.36086 (17013019)   654410.13
4187348.38   275.01192 (17013019)
        654430.13   4187348.38   258.10464 (17012607)   654450.13
4187348.38   272.35411 (17122320)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

653850.13 4187368.38 543.39795 (17122917) 653870.13 4187368.38 553.52468 (17013024)
653890.13 4187368.38 568.23037 (17013024) 653910.13 4187368.38 571.14543 (17012520)
653930.13 4187368.38 545.23981 (17122319) 653950.13 4187368.38 559.59853 (17012804)
653970.13 4187368.38 552.44015 (17122518) 653990.13 4187368.38 546.52221 (17122920)
654010.13 4187368.38 495.29806 (17012903) 654030.13 4187368.38 508.11732 (17012903)
654050.13 4187368.38 452.86445 (17012903) 654070.13 4187368.38 500.38826 (17020801)
654090.13 4187368.38 488.96588 (17020801) 654110.13 4187368.38 419.15514 (17121708)
654130.13 4187368.38 418.71050 (17120120) 654150.13 4187368.38 442.39270 (17120120)
654170.13 4187368.38 415.21237 (17120120) 654190.13 4187368.38 400.08972 (17011508)
654210.13 4187368.38 393.82977 (17011508) 654230.13 4187368.38 346.85544 (17011508)
654250.13 4187368.38 374.12972 (17012908) 654270.13 4187368.38 384.70977 (17012908)
654290.13 4187368.38 364.23252 (17012908) 654310.13 4187368.38 342.26191 (17120121)
654330.13 4187368.38 321.58816 (17120121) 654350.13 4187368.38 287.82170 (17013019)
654370.13 4187368.38 298.44595 (17013019) 654390.13 4187368.38 285.62206 (17013019)
654410.13 4187368.38 270.85222 (17012607) 654430.13 4187368.38 289.79043 (17122320)
654450.13 4187368.38 306.94611 (17122320) 654470.13 4187368.38 308.69808 (17122320)
654490.13 4187368.38 295.76480 (17122320) 653690.13 4187388.38 579.58070 (17122820)
653710.13 4187388.38 571.54153 (17123009) 653730.13 4187388.38 684.34866 (17123009)
653750.13 4187388.38 644.93557 (17123009) 653770.13 4187388.38 581.55783 (17011719)
653790.13 4187388.38 546.02670 (17120822) 653810.13 4187388.38 595.77596 (17122917)
653830.13 4187388.38 633.68458 (17122917) 653850.13 4187388.38 556.37882 (17011203)
653870.13 4187388.38 593.10307 (17013024) 653890.13 4187388.38 588.19815 (17012520)
653910.13 4187388.38 583.65791 (17012520) 653930.13 4187388.38 582.47410 (17122319)
653950.13 4187388.38 579.11598 (17012804) 653970.13 4187388.38 578.79068 (17122518)
653990.13 4187388.38 555.38078 (17122920) 654010.13 4187388.38 534.43885 (17012903)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654030.13	4187388.38	510.58787	(17012903)	654050.13	4187388.38	505.47636	(17020801)
654070.13	4187388.38	525.76546	(17020801)	654090.13	4187388.38	472.09025	(17020801)
654110.13	4187388.38	432.57309	(17011208)	654130.13	4187388.38	461.38001	(17120120)
654150.13	4187388.38	447.90768	(17120120)	654170.13	4187388.38	413.43983	(17011508)
654190.13	4187388.38	417.73457	(17011508)	654210.13	4187388.38	375.08596	(17011508)
654230.13	4187388.38	388.15340	(17012908)	654250.13	4187388.38	403.41056	(17012908)
654270.13	4187388.38	384.29152	(17012908)	654290.13	4187388.38	358.70006	(17120121)
654310.13	4187388.38	337.22048	(17120121)	654330.13	4187388.38	302.59773	(17013019)
654350.13	4187388.38	312.47158	(17013019)	654370.13	4187388.38	296.78730	(17013019)
654390.13	4187388.38	284.26884	(17012607)	654410.13	4187388.38	308.41218	(17122320)
654430.13	4187388.38	323.46160	(17122320)	654450.13	4187388.38	321.54963	(17122320)
654470.13	4187388.38	304.06031	(17122320)	654490.13	4187388.38	285.21122	(17121219)
653690.13	4187408.38	609.47622	(17122820)	653710.13	4187408.38	593.48822	(17123009)
653730.13	4187408.38	716.50201	(17123009)	653750.13			

4187408.38 673.43524 (17123009)
653770.13 4187408.38 602.65529 (17011719) 653790.13
4187408.38 580.58918 (17120822)
653810.13 4187408.38 638.10922 (17122917) 653830.13
4187408.38 656.90886 (17122917)
653850.13 4187408.38 566.17710 (17011203) 653870.13
4187408.38 629.62470 (17013024)
653890.13 4187408.38 627.90162 (17012520) 653910.13
4187408.38 585.79116 (17012520)
653930.13 4187408.38 607.43157 (17122319) 653950.13
4187408.38 597.66231 (17122518)
653970.13 4187408.38 601.02765 (17122920) 653990.13
4187408.38 545.71824 (17122920)
654010.13 4187408.38 558.03897 (17012903) 654030.13
4187408.38 494.81842 (17020801)
654050.13 4187408.38 552.07392 (17020801) 654070.13
4187408.38 525.99850 (17020801)
654090.13 4187408.38 446.17617 (17121708) 654110.13
4187408.38 475.92899 (17120120)
654130.13 4187408.38 479.83455 (17120120) 654150.13
4187408.38 427.42736 (17011301)
654170.13 4187408.38 441.64787 (17011508) 654190.13
4187408.38 405.21277 (17011508)
654210.13 4187408.38 402.52857 (17012908) 654230.13
4187408.38 423.31730 (17012908)
654250.13 4187408.38 406.02282 (17012908) 654270.13
4187408.38 376.48934 (17120121)
654290.13 4187408.38 354.18098 (17120121) 654310.13
4187408.38 318.62274 (17013019)
654330.13 4187408.38 327.52870 (17013019) 654350.13
4187408.38 308.53643 (17013019)
654370.13 4187408.38 298.36548 (17012607) 654390.13
4187408.38 328.26860 (17122320)
654410.13 4187408.38 340.61106 (17122320) 654430.13
4187408.38 334.36665 (17122320)
654450.13 4187408.38 311.73346 (17122320) 654470.13
4187408.38 304.76605 (17121219)
654490.13 4187408.38 311.54395 (17121219) 653690.13
4187428.38 641.01818 (17122820)
653710.13 4187428.38 616.78967 (17123009) 653730.13
4187428.38 751.34065 (17123009)
653750.13 4187428.38 704.08913 (17123009) 653770.13
4187428.38 631.07300 (15011509)
653790.13 4187428.38 617.32931 (17120822) 653810.13
4187428.38 681.96521 (17122917)
653830.13 4187428.38 677.43063 (17122917) 653850.13
4187428.38 606.51013 (17013024)
653870.13 4187428.38 661.26536 (17013024) 653890.13
4187428.38 660.18813 (17012520)
653910.13 4187428.38 626.75968 (17122319) 653930.13

4187428.38   643.49179 (17012804)
        653950.13   4187428.38   638.52490 (17122518)   653970.13
4187428.38   618.73055 (17122920)
        653990.13   4187428.38   587.70976 (17012903)   654010.13
4187428.38   561.54048 (17012903)
        654030.13   4187428.38   563.59661 (17020801)   654050.13
4187428.38   574.12726 (17020801)
        654070.13   4187428.38   498.29204 (17020801)   654090.13
4187428.38   484.58015 (17120120)
        654110.13   4187428.38   509.74522 (17120120)   654130.13
4187428.38   468.19257 (17120120)
        654150.13   4187428.38   465.06558 (17011508)   654170.13
4187428.38   437.15276 (17011508)
        654190.13   4187428.38   417.17541 (17012908)   654210.13
4187428.38   444.50118 (17012908)
        654230.13   4187428.38   429.61315 (17012908)   654250.13
4187428.38   395.79336 (17120121)
        654270.13   4187428.38   372.63680 (17120121)   654290.13
4187428.38   336.04728 (17013019)
        654310.13   4187428.38   343.71715 (17013019)   654330.13
4187428.38   320.89060 (17013019)
        654350.13   4187428.38   320.31345 (17122320)   654370.13
4187428.38   349.40591 (17122320)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654470.13 4187428.38 326.56233 (17121219) 654490.13 4187428.38 314.02478 (17121219)
653690.13 4187448.38 674.25449 (17122820) 653710.13 4187448.38 641.61182 (17123009)
653730.13 4187448.38 789.12292 (17123009) 653750.13 4187448.38 737.16061 (17123009)
653770.13 4187448.38 664.42667 (15011509) 653790.13 4187448.38 656.19265 (17120822)
653810.13 4187448.38 726.90060 (17122917) 653830.13 4187448.38 694.35846 (17122917)
653850.13 4187448.38 663.60355 (17013024) 653870.13 4187448.38 685.95588 (17013024)
653890.13 4187448.38 682.17059 (17012520) 653910.13 4187448.38 673.12263 (17122319)
653930.13 4187448.38 662.98751 (17012804) 653950.13 4187448.38 662.40735 (17122920)
653970.13 4187448.38 614.35695 (17122920) 653990.13 4187448.38 616.95419 (17012903)
654010.13 4187448.38 556.41068 (17020801) 654030.13 4187448.38 611.36959 (17020801)
654050.13 4187448.38 565.16221 (17020801) 654070.13 4187448.38 501.41112 (17011208)
654090.13 4187448.38 536.06323 (17120120) 654110.13 4187448.38 511.35033 (17120120)
654130.13 4187448.38 487.33329 (17011508) 654150.13 4187448.38 470.72349 (17011508)
654170.13 4187448.38 431.97895 (17012908) 654190.13 4187448.38 467.03226 (17012908)
654210.13 4187448.38 455.27079 (17012908) 654230.13 4187448.38 416.79490 (17120121)
654250.13 4187448.38 392.77893 (17120121) 654270.13 4187448.38 355.04658 (17013019)
654290.13 4187448.38 361.15419 (17013019) 654310.13 4187448.38 333.87311 (17013019)
654330.13 4187448.38 344.45153 (17122320) 654350.13 4187448.38 371.84978 (17122320)
654370.13 4187448.38 376.50213 (17122320) 654390.13 4187448.38 359.22877 (17122320)
654410.13 4187448.38 331.80847 (17121219) 654430.13 4187448.38 344.64784 (17121219)
654450.13 4187448.38 340.64041 (17121219) 654470.13 4187448.38 321.52429 (17121219)
654490.13 4187448.38 319.60033 (17121320) 653690.13 4187468.38 709.21845 (17122820)
653710.13 4187468.38 668.05662 (17123009) 653730.13 4187468.38 830.20658 (17123009)
653750.13 4187468.38 772.96005 (17123009) 653770.13 4187468.38 700.07801 (15011509)
653790.13 4187468.38 697.21045 (17120822) 653810.13 4187468.38 772.26685 (17122917)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654350.13	4187468.38	394.99732	(17122320)	654370.13			

4187468.38 370.83877 (17122320)
654390.13 4187468.38 356.95598 (17121219) 654410.13
4187468.38 364.31338 (17121219)
654430.13 4187468.38 353.32611 (17121219) 654450.13
4187468.38 335.81428 (17121320)
654470.13 4187468.38 335.30164 (17121320) 654490.13
4187468.38 320.53168 (17121320)
653690.13 4187488.38 745.82182 (17122820) 653710.13
4187488.38 709.09085 (17012904)
653730.13 4187488.38 875.09671 (17123009) 653750.13
4187488.38 811.69277 (17123009)
653770.13 4187488.38 738.20590 (15011509) 653790.13
4187488.38 740.24409 (17120822)
653810.13 4187488.38 817.29258 (17122917) 653830.13
4187488.38 719.97636 (17011203)
653850.13 4187488.38 771.54114 (17013024) 653870.13
4187488.38 771.96256 (17012520)
653890.13 4187488.38 731.33245 (17122319) 653910.13
4187488.38 749.79871 (17012804)
653930.13 4187488.38 742.64588 (17122518) 653950.13
4187488.38 696.38064 (17122920)
653970.13 4187488.38 687.28197 (17012903) 653990.13
4187488.38 630.35997 (17020801)
654010.13 4187488.38 679.61257 (17020801) 654030.13
4187488.38 605.86268 (17020801)
654050.13 4187488.38 569.89246 (17120120) 654070.13
4187488.38 595.86623 (17120120)
654090.13 4187488.38 532.12675 (17120120) 654110.13
4187488.38 541.32040 (17011508)
654130.13 4187488.38 479.11928 (17011508) 654150.13
4187488.38 516.35800 (17012908)
654170.13 4187488.38 513.76533 (17012908) 654190.13
4187488.38 464.78280 (17120121)
654210.13 4187488.38 439.07156 (17120121) 654230.13
4187488.38 398.61777 (17013019)
654250.13 4187488.38 400.29243 (17013019) 654270.13
4187488.38 368.93149 (15021508)
654290.13 4187488.38 399.16994 (17122320) 654310.13
4187488.38 420.66585 (17122320)
654330.13 4187488.38 413.62062 (17122320) 654350.13
4187488.38 381.54028 (17122320)
654370.13 4187488.38 382.70554 (17121219) 654390.13
4187488.38 383.19893 (17121219)
654410.13 4187488.38 364.09469 (17121219) 654430.13
4187488.38 357.08384 (17121320)
654450.13 4187488.38 348.68522 (17121320) 654470.13
4187488.38 329.43525 (17011509)
654490.13 4187488.38 346.66068 (17011509) 653690.13
4187508.38 784.04617 (17122820)
653710.13 4187508.38 754.67948 (17012904) 653730.13

4187508.38   924.20950 (17123009)
        653750.13   4187508.38   853.83130 (17123009)   653770.13
4187508.38   778.96914 (15011509)
        653790.13   4187508.38   785.13437 (17120822)   653810.13
4187508.38   860.82720 (17122917)
        653830.13   4187508.38   737.57775 (17011203)   653850.13
4187508.38   816.94512 (17013024)
        653870.13   4187508.38   809.16118 (17012520)   653890.13
4187508.38   790.50531 (17122319)
        653910.13   4187508.38   772.12256 (17122620)   653930.13
4187508.38   778.74203 (17122920)
        653950.13   4187508.38   725.68866 (17012903)   653970.13
4187508.38   694.11380 (17012903)
        653990.13   4187508.38   713.09108 (17020801)   654010.13
4187508.38   686.87843 (17020801)
        654030.13   4187508.38   591.19451 (17011208)   654050.13
4187508.38   633.23684 (17120120)
        654070.13   4187508.38   590.25538 (17120120)   654090.13
4187508.38   577.12991 (17011508)
        654110.13   4187508.38   525.24822 (17011508)   654130.13
4187508.38   543.22217 (17012908)
        654150.13   4187508.38   547.17502 (17012908)   654170.13
4187508.38   492.30841 (17120121)
        654190.13   4187508.38   465.80505 (17120121)   654210.13
4187508.38   423.70269 (17013019)
        654230.13   4187508.38   422.29421 (17013019)   654250.13
4187508.38   389.55171 (17012607)
        654270.13   4187508.38   430.07910 (17122320)   654290.13
4187508.38   446.94611 (17122320)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

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        654450.13   4187528.38      397.78660  (17011509)                654470.13
4187528.38      387.60531  (17011509)
        654490.13   4187528.38      365.86178  (17011509)                653690.13
4187548.38      881.98137  (17011609)
        653710.13   4187548.38      857.94273  (17012904)                653730.13
4187548.38     1037.62085  (17123009)
        653750.13   4187548.38      949.78692  (17123009)                653770.13
4187548.38      868.91179  (15011509)
        653790.13   4187548.38      929.84154  (17122917)                653810.13
4187548.38      937.61981  (17122917)
        653830.13   4187548.38      898.99276  (17013024)                653850.13
4187548.38      914.39090  (17012520)
        653870.13   4187548.38      869.35215  (17122319)                653890.13
4187548.38      887.54863  (17012804)
        653910.13   4187548.38      879.72640  (17122920)                653930.13
4187548.38      816.54303  (17012903)
        653950.13   4187548.38      781.97534  (17012903)                653970.13
4187548.38      810.16712  (17020801)
        653990.13   4187548.38      751.26885  (17020801)                654010.13
4187548.38      683.97755  (17120120)
        654030.13   4187548.38      708.93182  (17120120)                654050.13
4187548.38      644.56187  (17011508)
        654070.13   4187548.38      628.40032  (17011508)                654090.13
4187548.38      601.26958  (17012908)
        654110.13   4187548.38      624.03593  (17012908)                654130.13
4187548.38      566.94540  (17012908)
        654150.13   4187548.38      528.35828  (17120121)                654170.13
4187548.38      482.14457  (17013019)
        654190.13   4187548.38      472.05456  (17013019)                654210.13
4187548.38      455.85860  (17122320)
        654230.13   4187548.38      499.75793  (17122320)                654250.13
4187548.38      502.60273  (17122320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 706
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        654270.13   4187548.38      467.26915  (17122320)                654290.13
4187548.38      460.85690  (17121219)
        654310.13   4187548.38      458.58897  (17121219)                654330.13
4187548.38      428.76272  (17121219)
        654350.13   4187548.38      427.26104  (17121320)                654370.13
4187548.38      405.95719  (17121320)
        654390.13   4187548.38      415.22821  (17011509)                654410.13
4187548.38      424.91134  (17011509)
        654430.13   4187548.38      418.58053  (17011509)                654450.13
4187548.38      398.20850  (17011509)
        654470.13   4187548.38      366.91705  (17011509)                654490.13
4187548.38      328.33985  (17011509)
        653690.13   4187568.38      959.06839  (17011609)                653710.13
4187568.38      916.41639  (17012904)
        653730.13   4187568.38     1103.42581  (17123009)                653750.13
4187568.38     1007.88190  (17011719)
        653770.13   4187568.38      918.35461  (15011509)                653790.13
4187568.38     1011.48939  (17122917)
        653810.13   4187568.38      967.03890  (17122917)                653830.13
4187568.38      977.64593  (17013024)
        653850.13   4187568.38      976.76287  (17012520)                653870.13
4187568.38      947.27627  (17122319)
        653890.13   4187568.38      940.85353  (17122518)                653910.13
4187568.38      915.89548  (17122920)
        653930.13   4187568.38      877.10694  (17012903)                653950.13
4187568.38      830.64156  (17020801)
        653970.13   4187568.38      849.18362  (17020801)                653990.13
4187568.38      712.36146  (17011208)
        654010.13   4187568.38      763.91246  (17120120)                654030.13
4187568.38      689.90882  (17120120)
        654050.13   4187568.38      684.64798  (17011508)                654070.13
4187568.38      632.23909  (17012908)
        654090.13   4187568.38      668.30116  (17012908)                654110.13
4187568.38      612.00009  (17012908)
        654130.13   4187568.38      565.18934  (17120121)                654150.13
4187568.38      516.36110  (17013019)
        654170.13   4187568.38      500.23077  (17013019)                654190.13
4187568.38      498.86864  (17122320)
        654210.13   4187568.38      538.75045  (17122320)                654230.13
4187568.38      531.46863  (17122320)
        654250.13   4187568.38      482.97024  (17122320)                654270.13
4187568.38      495.75234  (17121219)
        654290.13   4187568.38      480.92420  (17121219)                654310.13
4187568.38      459.22213  (17121320)
        654330.13   4187568.38      448.41612  (17121320)                654350.13
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4187568.38   435.27902 (17011509)
        654370.13   4187568.38   453.06896 (17011509)   654390.13
4187568.38   452.12289 (17011509)
        654410.13   4187568.38   434.15155 (17011509)   654430.13
4187568.38   402.51792 (17011509)
        654450.13   4187568.38   361.44201 (17011509)   654470.13
4187568.38   315.24159 (17011509)
        654490.13   4187568.38   272.78108 (17012523)   653690.13
4187588.38   1042.34462 (17011609)
        653710.13   4187588.38   988.47473 (17122820)   653730.13
4187588.38   1176.28662 (17123009)
        653750.13   4187588.38   1073.55299 (17011719)   653770.13
4187588.38   970.70184 (15011509)
        653790.13   4187588.38   1096.34628 (17122917)   653810.13
4187588.38   987.41450 (17122917)
        653830.13   4187588.38   1046.85090 (17013024)   653850.13
4187588.38   1017.36953 (17012520)
        653870.13   4187588.38   1017.23613 (17012804)   653890.13
4187588.38   1004.50776 (17122518)
        653910.13   4187588.38   928.15000 (17012903)   653930.13
4187588.38   890.59521 (17012903)
        653950.13   4187588.38   927.18333 (17020801)   653970.13
4187588.38   819.93545 (17020801)
        653990.13   4187588.38   810.46903 (17120120)   654010.13
4187588.38   775.08048 (17120120)
        654030.13   4187588.38   742.83893 (17011508)   654050.13
4187588.38   664.19925 (17012908)
        654070.13   4187588.38   717.07684 (17012908)   654090.13
4187588.38   662.82940 (17012908)
        654110.13   4187588.38   606.58775 (17120121)   654130.13
4187588.38   554.63591 (17013019)
        654150.13   4187588.38   530.92242 (17013019)   654170.13
4187588.38   546.81212 (17122320)
        654190.13   4187588.38   580.56740 (17122320)   654210.13
4187588.38   560.47540 (17122320)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654230.13	4187588.38	522.36992	(17121219)	654250.13	4187588.38	530.15267	(17121219)
654270.13	4187588.38	500.02851	(17121219)	654290.13	4187588.38	490.88685	(17121320)
654310.13	4187588.38	464.60089	(17121320)	654330.13	4187588.38	481.72785	(17011509)
654350.13	4187588.38	488.18851	(17011509)	654370.13	4187588.38	474.05432	(17011509)
654390.13	4187588.38	442.82100	(17011509)	654410.13	4187588.38	399.34242	(17011509)
654430.13	4187588.38	348.82837	(17011509)	654450.13	4187588.38	296.03232	(17011509)
654470.13	4187588.38	277.76911	(17012523)	654490.13	4187588.38	254.80424	(17012523)
653690.13	4187608.38	1131.48459	(17011609)	653710.13	4187608.38	1068.83463	(17122820)
653730.13	4187608.38	1257.32952	(17123009)	653750.13	4187608.38	1145.63647	(17011719)
653770.13	4187608.38	1047.84632	(17120822)	653790.13	4187608.38	1182.91571	(17122917)
653810.13	4187608.38	1037.40225	(17013024)	653830.13	4187608.38	1099.93721	(17013024)
653850.13	4187608.38	1057.51957	(17122319)	653870.13	4187608.38	1070.66352	(17012804)
653890.13	4187608.38	1064.16369	(17122920)	653910.13	4187608.38	1008.28050	(17012903)
653930.13	4187608.38	968.64260	(17020801)	653950.13	4187608.38	953.50585	(17020801)
653970.13	4187608.38	842.70624	(17120120)	653990.13	4187608.38	862.27253	(17120120)
654010.13	4187608.38	801.34889	(17011508)	654030.13	4187608.38	721.80730	(17011508)
654050.13	4187608.38	770.87296	(17012908)	654070.13	4187608.38	720.46955	(17012908)
654090.13	4187608.38	653.39520	(17120121)	654110.13	4187608.38	597.65518	(17013019)
654130.13	4187608.38	564.39084	(17013019)	654150.13	4187608.38	600.26389	(17122320)
654170.13	4187608.38	625.12621	(17122320)	654190.13	4187608.38	588.99591	(17122320)
654210.13	4187608.38	570.63495	(17121219)	654230.13	4187608.38	562.80721	(17121219)

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        654250.13   4187608.38      530.66351  (17121320)                654270.13
4187608.38      518.38547  (17121320)
        654290.13   4187608.38      510.03643  (17011509)                654310.13
4187608.38      526.54867  (17011509)
        654330.13   4187608.38      518.25221  (17011509)                654350.13
4187608.38      488.54731  (17011509)
        654370.13   4187608.38      442.94804  (17011509)                654390.13
4187608.38      387.74023  (17011509)
        654410.13   4187608.38      328.83825  (17011509)                654430.13
4187608.38      300.78710  (17012523)
        654450.13   4187608.38      275.31502  (17012523)                654470.13
4187608.38      275.66882  (17022307)
        654490.13   4187608.38      282.07665  (17122619)                653690.13
4187628.38     1226.96212  (17011609)
        653710.13   4187628.38     1158.27224  (17122820)                653730.13
4187628.38     1348.83839  (17123009)
        653750.13   4187628.38     1225.59160  (17011719)                653770.13
4187628.38     1142.85642  (17120822)
        653790.13   4187628.38     1268.47862  (17122917)                653810.13
4187628.38     1168.29985  (17013024)
        653830.13   4187628.38     1203.03572  (17012520)                653850.13
4187628.38     1163.77854  (17122319)
        653870.13   4187628.38     1166.24495  (17122620)                653890.13
4187628.38     1070.03538  (17122920)
        653910.13   4187628.38     1027.61968  (17012903)                653930.13
4187628.38     1069.50779  (17020801)
        653950.13   4187628.38      890.42723  (17020801)                653970.13
4187628.38      946.59884  (17120120)
        653990.13   4187628.38      857.64014  (17011508)                654010.13
4187628.38      808.30771  (17011508)
        654030.13   4187628.38      830.23188  (17012908)                654050.13
4187628.38      786.20568  (17012908)
        654070.13   4187628.38      706.65920  (17120121)                654090.13
4187628.38      646.26586  (17013019)
        654110.13   4187628.38      600.91744  (17013019)                654130.13
4187628.38      659.82744  (17122320)
        654150.13   4187628.38      672.17976  (17122320)                654170.13
4187628.38      616.17334  (17122320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 708
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654190.13	4187628.38	619.86282	(17121219)	654210.13	4187628.38	592.08350	(17121219)
654230.13	4187628.38	572.60574	(17121320)	654250.13	4187628.38	539.41946	(17121320)
654270.13	4187628.38	566.66954	(17011509)	654290.13	4187628.38	566.98706	(17011509)
654310.13	4187628.38	540.51269	(17011509)	654330.13	4187628.38	493.36882	(17011509)
654350.13	4187628.38	433.12888	(17011509)	654370.13	4187628.38	367.20052	(17011509)
654390.13	4187628.38	327.17538	(17012523)	654410.13	4187628.38	298.76090	(17012523)
654430.13	4187628.38	298.91105	(17022307)	654450.13	4187628.38	306.63613	(17122619)
654470.13	4187628.38	307.59319	(17122619)	654490.13	4187628.38	301.62421	(17122619)
653690.13	4187648.38	1326.84772	(17011609)	653710.13	4187648.38	1256.82887	(17122820)
653730.13	4187648.38	1452.07342	(17123009)	653750.13	4187648.38	1314.95936	(17011719)
653770.13	4187648.38	1247.02011	(17120822)	653790.13	4187648.38	1349.88703	(17122917)
653810.13	4187648.38	1295.26800	(17013024)	653830.13	4187648.38	1280.67474	(17012520)
653850.13	4187648.38	1263.85239	(17012804)	653870.13	4187648.38	1247.77051	(17122920)
653890.13	4187648.38	1176.32436	(17012903)	653910.13	4187648.38	1144.16324	(17020801)
653930.13	4187648.38	1072.12998	(17020801)	653950.13	4187648.38	1020.76705	(17120120)
653970.13	4187648.38	943.51195	(17120120)	653990.13	4187648.38	903.46406	(17011508)
654010.13	4187648.38	895.69344	(17012908)	654030.13	4187648.38	861.63405	(17012908)
654050.13	4187648.38	767.70917	(17120121)	654070.13	4187648.38	701.50685	(17013019)
654090.13	4187648.38	646.34674	(15021508)	654110.13	4187648.38	726.10298	(17122320)
654130.13	4187648.38	721.24529	(17122320)	654150.13			

4187648.38   661.97353 (17121219)
        654170.13   4187648.38   668.45993 (17121219)   654190.13
4187648.38   623.24751 (17121320)
        654210.13   4187648.38   609.39382 (17121320)   654230.13
4187648.38   607.53600 (17011509)
        654250.13   4187648.38   620.30025 (17011509)   654270.13
4187648.38   599.60188 (17011509)
        654290.13   4187648.38   551.96346 (17011509)   654310.13
4187648.38   486.46239 (17011509)
        654330.13   4187648.38   412.43474 (17011509)   654350.13
4187648.38   357.67160 (17012523)
        654370.13   4187648.38   325.77419 (17012523)   654390.13
4187648.38   326.54577 (17122619)
        654410.13   4187648.38   334.75322 (17122619)   654430.13
4187648.38   334.09362 (17122619)
        654450.13   4187648.38   325.44405 (17122619)   654470.13
4187648.38   310.13133 (17122619)
        654490.13   4187648.38   289.71486 (17122619)   653690.13
4187668.38   1428.22790 (17011609)
        653710.13   4187668.38   1364.38340 (17122820)   653730.13
4187668.38   1566.57470 (17123009)
        653750.13   4187668.38   1412.09729 (17011719)   653770.13
4187668.38   1367.98553 (17122917)
        653790.13   4187668.38   1423.47261 (17122917)   653810.13
4187668.38   1409.55493 (17013024)
        653830.13   4187668.38   1323.03465 (17122319)   653850.13
4187668.38   1355.77109 (17122620)
        653870.13   4187668.38   1285.45624 (17122920)   653890.13
4187668.38   1204.38001 (17012903)
        653910.13   4187668.38   1243.56495 (17020801)   653930.13
4187668.38   1074.69864 (17120120)
        653950.13   4187668.38   1078.44995 (17120120)   653970.13
4187668.38   1006.28023 (17011508)
        653990.13   4187668.38   967.73899 (17012908)   654010.13
4187668.38   948.74940 (17012908)
        654030.13   4187668.38   838.25196 (17120121)   654050.13
4187668.38   764.68399 (17013019)
        654070.13   4187668.38   724.96840 (17122320)   654090.13
4187668.38   799.63905 (17122320)
        654110.13   4187668.38   771.49581 (17122320)   654130.13
4187668.38   733.75629 (17121219)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5
, VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654050.13 4187688.38 818.45797 (17122320) 654070.13
4187688.38 880.81955 (17122320)
654090.13 4187688.38 821.60503 (17122320) 654110.13
4187688.38 807.82858 (17121219)
654130.13 4187688.38 753.78275 (17121219) 654150.13
4187688.38 731.68550 (17121320)
654170.13 4187688.38 738.57459 (17011509) 654190.13
4187688.38 742.61916 (17011509)
654210.13 4187688.38 700.64544 (17011509) 654230.13
4187688.38 625.11001 (17011509)
654250.13 4187688.38 531.04111 (17011509) 654270.13
4187688.38 435.13050 (17012523)
654290.13 4187688.38 394.03300 (17012523) 654310.13
4187688.38 398.28642 (17122619)
654330.13 4187688.38 404.86601 (17122619) 654350.13
4187688.38 398.87998 (17122619)
654370.13 4187688.38 382.16217 (17122619) 654390.13
4187688.38 357.12599 (17122619)
654410.13 4187688.38 340.10095 (17121906) 654430.13
4187688.38 328.15097 (17121906)
654450.13 4187688.38 314.10033 (17020824) 654470.13
4187688.38 313.31414 (17020824)
654490.13 4187688.38 306.94867 (17020824) 653690.13
4187708.38 1628.74293 (17011609)
653710.13 4187708.38 1611.91420 (17122820) 653730.13
4187708.38 1841.58352 (17123009)
653750.13 4187708.38 1635.87133 (17011719) 653770.13
4187708.38 1717.53187 (17122917)
653790.13 4187708.38 1595.77452 (17013024) 653810.13
4187708.38 1660.97464 (17012520)
653830.13 4187708.38 1620.53321 (17012804) 653850.13
4187708.38 1569.49992 (17122920)
653870.13 4187708.38 1439.00858 (17012903) 653890.13
4187708.38 1457.42685 (17020801)
653910.13 4187708.38 1341.81556 (17120120) 653930.13
4187708.38 1223.27132 (17011508)
653950.13 4187708.38 1132.57466 (17012908) 653970.13
4187708.38 1168.80827 (17012908)
653990.13 4187708.38 1017.35889 (17120121) 654010.13
4187708.38 921.84906 (17013019)
654030.13 4187708.38 927.75706 (17122320) 654050.13
4187708.38 969.73015 (17122320)
654070.13 4187708.38 879.58737 (17121219) 654090.13
4187708.38 881.15456 (17121219)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654110.13	4187708.38	828.80479	(17121320)	654130.13	4187708.38	800.20356	(17011509)
654150.13	4187708.38	827.71324	(17011509)	654170.13	4187708.38	795.09604	(17011509)
654190.13	4187708.38	716.11695	(17011509)	654210.13	4187708.38	609.87278	(17011509)
654230.13	4187708.38	494.79597	(17011509)	654250.13	4187708.38	437.80305	(17012523)
654270.13	4187708.38	444.21651	(17122619)	654290.13	4187708.38	449.06118	(17122619)
654310.13	4187708.38	438.77398	(17122619)	654330.13	4187708.38	416.00657	(17122619)
654350.13	4187708.38	384.04043	(17122619)	654370.13	4187708.38	371.71315	(17121906)
654390.13	4187708.38	354.49942	(17121906)	654410.13	4187708.38	348.90816	(17020824)
654430.13	4187708.38	343.10051	(17020824)	654450.13	4187708.38	331.17081	(17020824)
654470.13	4187708.38	314.35562	(17020824)	654490.13	4187708.38	293.94083	(17020824)
653690.13	4187728.38	1720.51894	(17011609)	653710.13	4187728.38	1812.83356	(17011609)
653730.13	4187728.38	2013.10677	(17123009)	653750.13	4187728.38	1768.79569	(17011719)
653770.13	4187728.38	1912.16250	(17122917)	653790.13	4187728.38	1818.71517	(17013024)
653810.13	4187728.38	1751.77207	(17122701)	653830.13	4187728.38	1791.88917	(17122620)
653850.13	4187728.38	1694.67843	(17012903)	653870.13	4187728.38	1670.63336	(17020801)
653890.13	4187728.38	1438.13737	(17120120)	653910.13	4187728.38	1399.89653	(17120120)
653930.13	4187728.38	1266.14565	(17011508)	653950.13			

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4187728.38     1309.05100  (17012908)
        653970.13   4187728.38     1132.76389  (17120121)                653990.13
4187728.38     1020.60868  (17013019)
        654010.13   4187728.38     1055.93059  (17122320)                654030.13
4187728.38     1065.85028  (17122320)
        654050.13   4187728.38      995.94510  (17121219)                654070.13
4187728.38      949.00952  (17121219)
        654090.13   4187728.38      903.00468  (17121320)                654110.13
4187728.38      921.45369  (17011509)
        654130.13   4187728.38      906.40335  (17011509)                654150.13
4187728.38      826.92690  (17011509)
        654170.13   4187728.38      707.12099  (17011509)                654190.13
4187728.38      572.01029  (17011509)
        654210.13   4187728.38      490.46411  (17012523)                654230.13
4187728.38      499.34954  (17122619)
        654250.13   4187728.38      501.40329  (17122619)                654270.13
4187728.38      485.08176  (17122619)
        654290.13   4187728.38      454.24363  (17122619)                654310.13
4187728.38      423.58320  (17121906)
        654330.13   4187728.38      406.72074  (17121906)                654350.13
4187728.38      391.23039  (17020824)
        654370.13   4187728.38      386.64771  (17020824)                654390.13
4187728.38      373.99042  (17020824)
        654410.13   4187728.38      354.88834  (17020824)                654430.13
4187728.38      331.06537  (17020824)
        654450.13   4187728.38      304.17541  (17020824)                654470.13
4187728.38      282.36342  (17011303)
        654490.13   4187728.38      286.59462  (17011303)                653690.13
4187748.38     1903.25164  (14012501)
        653710.13   4187748.38     2064.91143  (17011609)                653730.13
4187748.38     2223.79138  (17123009)
        653750.13   4187748.38     1959.31426  (15011509)                653770.13
4187748.38     2117.63236  (17122917)
        653790.13   4187748.38     2025.11239  (17013024)                653810.13
4187748.38     1950.11429  (17012804)
        653830.13   4187748.38     1955.11959  (17122920)                653850.13
4187748.38     1770.65110  (17020801)
        653870.13   4187748.38     1718.81896  (17020801)                653890.13
4187748.38     1639.05869  (17120120)
        653910.13   4187748.38     1471.74736  (17011508)                653930.13
4187748.38     1476.04869  (17012908)
        653950.13   4187748.38     1272.09261  (17120121)                653970.13
4187748.38     1137.23896  (17013019)
        653990.13   4187748.38     1206.56580  (17122320)                654010.13
4187748.38     1167.66869  (17122320)
        654030.13   4187748.38     1118.36153  (17121219)                654050.13
4187748.38     1041.82855  (17121320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654070.13	4187748.38	1021.30748	(17011509)	654090.13	4187748.38	1037.22688	(17011509)
654110.13	4187748.38	963.18209	(17011509)	654130.13	4187748.38	828.91840	(17011509)
654150.13	4187748.38	668.85385	(17011509)	654170.13	4187748.38	554.80674	(17012523)
654190.13	4187748.38	566.45926	(17122619)	654210.13	4187748.38	564.08365	(17122619)
654230.13	4187748.38	539.20663	(17122619)	654250.13	4187748.38	497.49061	(17122619)
654270.13	4187748.38	470.63577	(17121906)	654290.13	4187748.38	445.23329	(17121906)
654310.13	4187748.38	439.79993	(17020824)	654330.13	4187748.38	426.71005	(17020824)
654350.13	4187748.38	404.90594	(17020824)	654370.13	4187748.38	376.75832	(17020824)
654390.13	4187748.38	344.55276	(17020824)	654410.13	4187748.38	321.63579	(17011303)
654430.13	4187748.38	325.23019	(17011303)	654450.13	4187748.38	324.03439	(17011303)
654470.13	4187748.38	318.58857	(17011303)	654490.13	4187748.38	309.52596	(17011303)
653690.13	4187768.38	2124.19615	(15010901)	653710.13	4187768.38	2351.78471	(17011609)
653730.13	4187768.38	2481.60176	(17123009)	653750.13	4187768.38	2189.39161	(15011509)
653770.13	4187768.38	2324.46183	(17122917)	653790.13	4187768.38	2245.67047	(17122701)
653810.13	4187768.38	2188.76481	(17122620)	653830.13	4187768.38	2116.72576	(17012903)

653850.13 4187768.38 2076.32387 (17020801) 653870.13
4187768.38 1874.24539 (17120120)
653890.13 4187768.38 1703.06073 (17011508) 653910.13
4187768.38 1676.50441 (17012908)
653930.13 4187768.38 1442.87971 (17120121) 653950.13
4187768.38 1276.38603 (17013019)
653970.13 4187768.38 1383.61838 (17122320) 653990.13
4187768.38 1271.96943 (17122320)
654010.13 4187768.38 1240.17636 (17121219) 654030.13
4187768.38 1156.69631 (17121320)
654050.13 4187768.38 1189.42484 (17011509) 654070.13
4187768.38 1132.30387 (17011509)
654090.13 4187768.38 984.11869 (17011509) 654110.13
4187768.38 792.73588 (17011509)
654130.13 4187768.38 634.86640 (17012523) 654150.13
4187768.38 649.49287 (17122619)
654170.13 4187768.38 640.08801 (17122619) 654190.13
4187768.38 602.90495 (17122619)
654210.13 4187768.38 549.47621 (17121906) 654230.13
4187768.38 524.14324 (17121906)
654250.13 4187768.38 505.63326 (17020824) 654270.13
4187768.38 492.80176 (17020824)
654290.13 4187768.38 467.83661 (17020824) 654310.13
4187768.38 434.09366 (17020824)
654330.13 4187768.38 394.83701 (17020824) 654350.13
4187768.38 370.54703 (17011303)
654370.13 4187768.38 372.90911 (17011303) 654390.13
4187768.38 369.16123 (17011303)
654410.13 4187768.38 360.15866 (17011303) 654430.13
4187768.38 346.85236 (17011303)
654450.13 4187768.38 330.21136 (17011303) 654470.13
4187768.38 311.16183 (17011303)
654490.13 4187768.38 291.07682 (17121319) 653690.13
4187788.38 2378.09342 (15012509)
653710.13 4187788.38 2672.06422 (17011609) 653730.13
4187788.38 2789.70912 (17123009)
653750.13 4187788.38 2466.58311 (15011509) 653770.13
4187788.38 2518.24739 (17122917)
653790.13 4187788.38 2479.40350 (17122701) 653810.13
4187788.38 2490.50488 (17122920)
653830.13 4187788.38 2298.80763 (17020801) 653850.13
4187788.38 2063.68919 (17120120)
653870.13 4187788.38 1952.07815 (17011508) 653890.13
4187788.38 1918.80336 (17012908)
653910.13 4187788.38 1655.97414 (17120121) 653930.13
4187788.38 1444.31523 (17013019)
653950.13 4187788.38 1591.07627 (17122320) 653970.13
4187788.38 1470.02086 (17121219)
653990.13 4187788.38 1368.23419 (17121320) 654010.13
4187788.38 1361.96841 (17011509)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654030.13	4187788.38	1343.72910	(17011509)	654050.13	4187788.38	1185.80955	(17011509)
654070.13	4187788.38	954.94132	(17011509)	654090.13	4187788.38	736.66440	(17012523)
654110.13	4187788.38	754.22091	(17122619)	654130.13	4187788.38	733.56358	(17122619)
654150.13	4187788.38	678.36589	(17122619)	654170.13	4187788.38	625.18587	(17121906)
654190.13	4187788.38	588.48152	(17020824)	654210.13	4187788.38	577.43126	(17020824)
654230.13	4187788.38	548.87528	(17020824)	654250.13	4187788.38	507.73587	(17020824)
654270.13	4187788.38	458.84896	(17020824)	654290.13	4187788.38	432.73842	(17011303)
654310.13	4187788.38	432.83213	(17011303)	654330.13	4187788.38	425.01702	(17011303)
654350.13	4187788.38	410.66113	(17011303)	654370.13	4187788.38	391.21855	(17011303)
654390.13	4187788.38	368.09764	(17011303)	654410.13	4187788.38	342.58429	(17011303)
654430.13	4187788.38	338.96663	(17121319)	654450.13	4187788.38	335.28664	(17121319)
654470.13	4187788.38	328.69203	(17121319)	654490.13	4187788.38	319.66221	(17121319)
653690.13	4187808.38	2669.44018	(16012703)	653710.13	4187808.38	3022.27299	(17011609)
653730.13	4187808.38	3154.58475	(17123009)	653750.13			

4187808.38 2807.11442 (17120822)
653770.13 4187808.38 2863.31211 (17013024) 653790.13
4187808.38 2796.86576 (17012804)
653810.13 4187808.38 2752.94192 (17012903) 653830.13
4187808.38 2640.55889 (17020801)
653850.13 4187808.38 2376.21484 (17120120) 653870.13
4187808.38 2212.46368 (17012908)
653890.13 4187808.38 1927.38699 (17120121) 653910.13
4187808.38 1733.29045 (17122320)
653930.13 4187808.38 1831.95951 (17122320) 653950.13
4187808.38 1704.65345 (17121219)
653970.13 4187808.38 1562.46233 (17121320) 653990.13
4187808.38 1608.45219 (17011509)
654010.13 4187808.38 1453.77131 (17011509) 654030.13
4187808.38 1173.41640 (17011509)
654050.13 4187808.38 869.61047 (17012523) 654070.13
4187808.38 889.39593 (17122619)
654090.13 4187808.38 850.37720 (17122619) 654110.13
4187808.38 768.23532 (17122619)
654130.13 4187808.38 714.76432 (17121906) 654150.13
4187808.38 688.54369 (17020824)
654170.13 4187808.38 656.24676 (17020824) 654190.13
4187808.38 605.07341 (17020824)
654210.13 4187808.38 542.56332 (17020824) 654230.13
4187808.38 513.82604 (17011303)
654250.13 4187808.38 509.80290 (17011303) 654270.13
4187808.38 495.37167 (17011303)
654290.13 4187808.38 472.78446 (17011303) 654310.13
4187808.38 444.29563 (17011303)
654330.13 4187808.38 411.97935 (17011303) 654350.13
4187808.38 401.81852 (17121319)
654370.13 4187808.38 396.11210 (17121319) 654390.13
4187808.38 386.43572 (17121319)
654410.13 4187808.38 373.55023 (17121319) 654430.13
4187808.38 358.18646 (17121319)
654450.13 4187808.38 341.01134 (17121319) 654470.13
4187808.38 322.61962 (17121319)
654490.13 4187808.38 312.25485 (17010504) 653690.13
4187828.38 3084.04901 (14021105)
653710.13 4187828.38 3408.80142 (17011609) 653730.13
4187828.38 3598.21204 (17123009)
653750.13 4187828.38 3339.78954 (17122917) 653770.13
4187828.38 3373.06339 (17013024)
653790.13 4187828.38 3316.36493 (17122620) 653810.13
4187828.38 3120.11725 (17020801)
653830.13 4187828.38 2876.50109 (17120120) 653850.13
4187828.38 2568.82045 (17012908)
653870.13 4187828.38 2299.63181 (17012908) 653890.13
4187828.38 2130.59625 (17122320)
653910.13 4187828.38 2106.17441 (17122320) 653930.13

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5
, VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        653990.13   4187828.38   1478.12158 (17011509)   654010.13
4187828.38   1073.83362 (17011509)
        654030.13   4187828.38   1068.83859 (17122619)   654050.13
4187828.38   998.99609 (17122619)
        654070.13   4187828.38   893.21470 (17121906)   654090.13
4187828.38   838.79040 (17020824)
        654110.13   4187828.38   803.61387 (17020824)   654130.13
4187828.38   738.46855 (17020824)
        654150.13   4187828.38   655.80728 (17020824)   654170.13
4187828.38   622.87437 (17011303)
        654190.13   4187828.38   611.29535 (17011303)   654210.13
4187828.38   585.79550 (17011303)
        654230.13   4187828.38   550.19631 (17011303)   654250.13
4187828.38   508.07370 (17011303)
        654270.13   4187828.38   487.47612 (17121319)   654290.13
4187828.38   478.40081 (17121319)
        654310.13   4187828.38   463.71412 (17121319)   654330.13
4187828.38   444.69372 (17121319)
        654350.13   4187828.38   422.52524 (17121319)   654370.13
4187828.38   398.25760 (17121319)
        654390.13   4187828.38   379.30692 (17010504)   654410.13
4187828.38   369.06768 (17010504)
        654430.13   4187828.38   356.86173 (17010504)   654450.13
4187828.38   343.16312 (17010504)

654470.13 4187828.38 328.39143 (17010504) 654490.13 4187828.38 312.91368 (17010504)
653690.13 4187848.38 3633.05578 (17122918) 653710.13 4187848.38 3812.98199 (17011609)
653730.13 4187848.38 4160.45521 (17123009) 653750.13 4187848.38 4023.17140 (17122917)
653770.13 4187848.38 3928.94980 (17122701) 653790.13 4187848.38 3801.64987 (17012903)
653810.13 4187848.38 3472.65310 (17020801) 653830.13 4187848.38 3073.77857 (17011508)
653850.13 4187848.38 2834.24595 (17012908) 653870.13 4187848.38 2662.21134 (17122320)
653890.13 4187848.38 2511.72913 (17121219) 653910.13 4187848.38 2320.13072 (17011509)
653930.13 4187848.38 2325.92366 (17011509) 653950.13 4187848.38 1921.90481 (17011509)
653970.13 4187848.38 1373.14675 (17011509) 653990.13 4187848.38 1315.51324 (17122619)
654010.13 4187848.38 1191.83153 (17122619) 654030.13 4187848.38 1065.90308 (17121906)
654050.13 4187848.38 1015.17879 (17020824) 654070.13 4187848.38 930.03582 (17020824)
654090.13 4187848.38 815.80321 (17020824) 654110.13 4187848.38 775.39822 (17011303)
654130.13 4187848.38 749.47740 (17011303) 654150.13 4187848.38 704.72037 (17011303)
654170.13 4187848.38 647.85254 (17011303) 654190.13 4187848.38 609.74249 (17121319)
654210.13 4187848.38 594.71727 (17121319) 654230.13 4187848.38 571.36722 (17121319)
654250.13 4187848.38 542.00756 (17121319) 654270.13 4187848.38 508.68070 (17121319)
654290.13 4187848.38 475.51769 (17010504) 654310.13 4187848.38 460.38453 (17010504)
654330.13 4187848.38 442.29292 (17010504) 654350.13 4187848.38 422.09481 (17010504)
654370.13 4187848.38 400.51828 (17010504) 654390.13 4187848.38 378.17529 (17010504)
654410.13 4187848.38 357.51040 (17122519) 654430.13 4187848.38 352.68558 (17122519)
654450.13 4187848.38 346.58592 (17122519) 654470.13 4187848.38 339.43530 (17122519)
654490.13 4187848.38 331.43601 (17122519) 653690.13 4187868.38 4362.27501 (17123007)
653710.13 4187868.38 4383.94971 (15012509) 653730.13 4187868.38 4878.99150 (17123009)
653750.13 4187868.38 4814.23170 (17122917) 653770.13 4187868.38 4574.70121 (17122318)
653790.13 4187868.38 4487.83066 (17020801) 653810.13 4187868.38 3892.33821 (17120120)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653950.13	4187868.38	1670.04904	(17122619)	653970.13	4187868.38	1447.18412	(17122619)
653990.13	4187868.38	1337.13144	(17020824)	654010.13	4187868.38	1223.04302	(17020824)
654030.13	4187868.38	1055.47836	(17020824)	654050.13	4187868.38	999.92534	(17011303)
654070.13	4187868.38	945.25258	(17011303)	654090.13	4187868.38	865.18539	(17011303)
654110.13	4187868.38	795.55241	(17121319)	654130.13	4187868.38	769.07925	(17121319)
654150.13	4187868.38	729.48053	(17121319)	654170.13	4187868.38	681.32984	(17121319)
654190.13	4187868.38	628.44033	(17121319)	654210.13	4187868.38	598.84807	(17010504)
654230.13	4187868.38	570.06230	(17010504)	654250.13	4187868.38	538.18298	(17010504)
654270.13	4187868.38	504.60107	(17010504)	654290.13	4187868.38	470.40949	(17010504)
654310.13	4187868.38	461.24870	(17122519)	654330.13	4187868.38	450.31574	(17122519)
654350.13	4187868.38	437.81425	(17122519)	654370.13			

4187868.38 424.13831 (17122519)
654390.13 4187868.38 409.63117 (17122519) 654410.13
4187868.38 394.57983 (17122519)
654430.13 4187868.38 379.22298 (17122519) 654450.13
4187868.38 363.75755 (17122519)
654470.13 4187868.38 348.34439 (17122519) 654490.13
4187868.38 333.11217 (17122519)
653690.13 4187888.38 5135.74905 (13020205) 653830.13
4187888.38 4398.08686 (17122320)
653850.13 4187888.38 4022.74843 (17011509) 653870.13
4187888.38 3731.05559 (17011509)
653890.13 4187888.38 2580.18214 (17011509) 653910.13
4187888.38 2210.34351 (17122619)
653930.13 4187888.38 1870.92020 (17121906) 653950.13
4187888.38 1713.06809 (17020824)
653970.13 4187888.38 1445.39495 (17020824) 653990.13
4187888.38 1354.28462 (17011303)
654010.13 4187888.38 1236.86318 (17011303) 654030.13
4187888.38 1104.41143 (17121319)
654050.13 4187888.38 1053.10250 (17121319) 654070.13
4187888.38 979.25128 (17121319)
654090.13 4187888.38 893.24759 (17121319) 654110.13
4187888.38 828.48291 (17010504)
654130.13 4187888.38 777.68100 (17010504) 654150.13
4187888.38 722.21378 (17010504)
654170.13 4187888.38 665.05522 (17010504) 654190.13
4187888.38 641.38064 (17122519)
654210.13 4187888.38 619.77977 (17122519) 654230.13
4187888.38 595.75471 (17122519)
654250.13 4187888.38 570.18855 (17122519) 654270.13
4187888.38 543.79179 (17122519)
654290.13 4187888.38 517.12057 (17122519) 654310.13
4187888.38 490.60369 (17122519)
654330.13 4187888.38 464.55966 (17122519) 654350.13
4187888.38 439.22352 (17122519)
654370.13 4187888.38 414.76148 (17122519) 654390.13
4187888.38 399.06781 (17122719)
654410.13 4187888.38 385.42407 (17122719) 654430.13
4187888.38 371.80549 (17122719)
654450.13 4187888.38 358.31348 (17122719) 654470.13
4187888.38 345.02934 (17122719)
654490.13 4187888.38 332.01552 (17122719) 653690.13
4187908.38 6487.17085 (15010507)
653830.13 4187908.38 5735.66959 (17011509) 653850.13
4187908.38 3979.49801 (17011509)
653870.13 4187908.38 3102.97686 (17122619) 653890.13
4187908.38 2651.53720 (17020824)
653910.13 4187908.38 2164.87189 (17020824) 653930.13
4187908.38 1972.37048 (17011303)
653950.13 4187908.38 1699.35353 (17011303) 653970.13

4187908.38   1578.30086 (17121319)
        653990.13   4187908.38   1418.48152 (17121319)   654010.13
4187908.38   1266.35034 (17010504)
        654030.13   4187908.38   1160.68702 (17010504)   654050.13
4187908.38   1048.29859 (17010504)
        654070.13   4187908.38   984.50665 (17122519)   654090.13
4187908.38   934.36903 (17122519)
        654110.13   4187908.38   880.64368 (17122519)   654130.13
4187908.38   825.68092 (17122519)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

653690.13 4187928.38 8924.30346 (13123102) 653830.13 4187928.38 4896.19866 (17020824)
653850.13 4187928.38 3825.75758 (17011303) 653870.13 4187928.38 3232.00217 (17011303)
653890.13 4187928.38 2787.57579 (17121319) 653910.13 4187928.38 2338.36239 (17010504)
653930.13 4187928.38 2040.88055 (17010504) 653950.13 4187928.38 1821.03875 (17122519)
653970.13 4187928.38 1663.17061 (17122519) 653990.13 4187928.38 1504.81569 (17122519)
654010.13 4187928.38 1354.12420 (17122519) 654030.13 4187928.38 1214.99058 (17122519)
654050.13 4187928.38 1100.29294 (17122719) 654070.13 4187928.38 1017.62275 (17122719)
654090.13 4187928.38 940.34540 (17122719) 654110.13 4187928.38 868.75596 (17122719)
654130.13 4187928.38 802.86469 (17122719) 654150.13 4187928.38 742.44698 (17122719)
654170.13 4187928.38 687.19514 (17122719) 654190.13 4187928.38 636.71805 (17122719)
654210.13 4187928.38 591.74175 (17122621) 654230.13 4187928.38 563.70440 (17122621)
654250.13 4187928.38 537.42614 (17122621) 654270.13 4187928.38 512.79771 (17122621)
654290.13 4187928.38 489.71222 (17122621) 654310.13 4187928.38 468.06510 (17122621)
654330.13 4187928.38 447.75732 (17122621) 654350.13 4187928.38 428.69312 (17122621)
654370.13 4187928.38 410.78096 (17122621) 654390.13 4187928.38 393.93950 (17122621)
654410.13 4187928.38 378.09085 (17122621) 654430.13 4187928.38 363.16268 (17122621)
654450.13 4187928.38 349.08836 (17122621) 654470.13 4187928.38 335.80823 (17122621)
654490.13 4187928.38 323.26533 (17122621) 653690.13 4187948.38 14585.79396 (17021308)
653830.13 4187948.38 5505.65847 (17122519) 653850.13 4187948.38 4430.64698 (17122519)
653870.13 4187948.38 3539.71586 (17122519) 653890.13 4187948.38 2920.78681 (17122719)
653910.13 4187948.38 2464.25230 (17122719) 653930.13 4187948.38 2095.19347 (17122719)
653950.13 4187948.38 1796.06011 (17122719) 653970.13 4187948.38 1600.57163 (17122621)
653990.13 4187948.38 1439.94860 (17122621) 654010.13 4187948.38 1302.93189 (17122621)
654030.13 4187948.38 1185.19987 (17122621) 654050.13 4187948.38 1083.32103 (17122621)
654070.13 4187948.38 994.57823 (17122621) 654090.13 4187948.38 916.78115 (17122621)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654350.13	4187948.38	408.63624	(17122621)	654370.13	4187948.38	389.19171	(17122621)
654390.13	4187948.38	371.17641	(17122621)	654410.13	4187948.38	354.44803	(17122621)
654430.13	4187948.38	338.88319	(17122621)	654450.13	4187948.38	324.37332	(17122621)
654470.13	4187948.38	310.82274	(17122621)	654490.13	4187948.38	298.14682	(17122621)
653690.13	4187968.38	17350.00487	(17011121)	653830.13	4187968.38	6051.70006	(14022208)
653850.13	4187968.38	4656.04002	(14022208)	653870.13	4187968.38	3720.70070	(14022208)
653890.13	4187968.38	3059.25710	(14022208)	653910.13	4187968.38	2571.72331	(14022208)
653930.13	4187968.38	2200.27566	(14022208)	653950.13			

4187968.38 1909.72339 (14022208)
653970.13 4187968.38 1682.97783 (13123017) 653990.13
4187968.38 1499.64161 (13123017)
654010.13 4187968.38 1347.49906 (13123017) 654030.13
4187968.38 1220.58721 (16010203)
654050.13 4187968.38 1114.87841 (16010203) 654070.13
4187968.38 1023.88119 (16010203)
654090.13 4187968.38 944.86460 (16010203) 654110.13
4187968.38 875.71886 (16010203)
654130.13 4187968.38 814.78017 (16010203) 654150.13
4187968.38 760.73497 (16010203)
654170.13 4187968.38 712.52537 (16010203) 654190.13
4187968.38 669.30507 (16010203)
654210.13 4187968.38 630.37010 (16010203) 654230.13
4187968.38 595.14286 (16010203)
654250.13 4187968.38 563.14505 (16010203) 654270.13
4187968.38 533.96840 (16010203)
654290.13 4187968.38 507.27917 (16010203) 654310.13
4187968.38 482.78199 (16010203)
654330.13 4187968.38 460.23343 (16010203) 654350.13
4187968.38 439.41962 (16010203)
654370.13 4187968.38 420.15837 (16010203) 654390.13
4187968.38 402.29019 (16010203)
654410.13 4187968.38 385.67575 (16010203) 654430.13
4187968.38 370.19363 (16010203)
654450.13 4187968.38 355.73809 (16010203) 654470.13
4187968.38 342.21473 (16010203)
654490.13 4187968.38 329.54317 (16010203) 653690.13
4187988.38 12482.87298 (17122609)
653830.13 4187988.38 5437.02871 (15122617) 653850.13
4187988.38 4239.55762 (14010519)
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        654310.13   4187988.38   512.57393 (14022208)   654330.13
4187988.38   487.57582 (14022208)
        654350.13   4187988.38   464.40703 (14022208)   654370.13
4187988.38   442.89284 (14022208)
        654390.13   4187988.38   422.88003 (14022208)   654410.13
4187988.38   404.22960 (14022208)
        654430.13   4187988.38   386.81815 (14022208)   654450.13
4187988.38   370.53886 (14022208)
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4187988.38   342.44532 (13123017)
        653655.14   4187974.84   8763.34470 (17121322)   653791.22
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        654507.05   4186910.79      184.32660  (17120120)              654509.12
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        653809.30   4186919.71      271.72161  (15041307)              654342.28
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 718
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 720
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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653250.42 4190246.67 68.06189 (17012717) 653226.31
4190235.57 67.01810 (17012717)
653202.21 4190224.47 63.43933 (17012717) 653178.10
4190213.37 70.52056 (16041907)
653153.99 4190202.27 76.20421 (16041907) 653129.89

4190191.18   77.21311 (16041907)
        653105.78   4190180.08   73.33372 (16041907)   653081.67
4190168.98   65.23419 (16041907)
        653057.56   4190157.88   62.27829 (15102604)   653033.46
4190146.79   64.03576 (15122702)
        653009.35   4190135.69   66.82478 (17120705)   652985.24
4190124.59   68.20397 (17120705)
        652961.14   4190113.49   67.97175 (17020407)   652937.03
4190102.40   67.10319 (17020407)
        652912.92   4190091.30   65.94227 (17121109)   652888.82
4190080.20   77.96282 (17121109)
        652864.71   4190069.10   85.71812 (17121109)   652840.60
4190058.01   87.57668 (17121109)
        652816.50   4190046.91   83.13673 (17121109)   652792.39
4190035.81   75.26806 (17120619)
        652768.28   4190024.71   70.24664 (17120619)   652744.17
4190013.62   72.33759 (17122403)
        652720.07   4190002.52   74.37208 (17022607)   652695.96
4189991.42   75.55902 (17022607)
        652671.85   4189980.32   72.48530 (17022607)   652647.75
4189969.23   65.67295 (17022607)
        652623.64   4189958.13   73.11899 (14112809)   652599.53
4189947.03   78.53220 (14112809)
        652575.43   4189935.93   77.05042 (14112809)   652551.32
4189924.84   78.89690 (13011909)
        652527.21   4189913.74   95.43852 (13011909)   652503.11
4189902.64   109.86531 (13011909)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652479.00 4189891.54 120.37062 (13011909) 652454.89
4189880.45 125.53341 (13011909)
652430.78 4189869.35 124.65640 (13011909) 652406.68
4189858.25 117.91094 (13011909)
652382.57 4189847.15 106.28244 (13011909) 652358.46
4189836.06 91.34894 (13011909)
652334.36 4189824.96 74.92009 (13011909) 652310.25
4189813.86 62.97150 (17013103)
652286.14 4189802.76 64.29386 (17123104) 652262.04
4189791.67 66.38303 (17123104)
652237.93 4189780.57 66.47176 (17020506) 652213.82
4189769.47 67.11181 (17020506)
652189.72 4189758.37 64.75079 (17020506) 652165.61
4189747.28 63.87681 (17022406)
652141.50 4189736.18 65.28966 (17022406) 653420.38
4190320.46 70.18083 (17020802)
653332.88 4190809.34 50.74212 (17020802) 653308.63
4190798.18 46.08085 (17020802)
653284.38 4190787.02 48.04557 (17122901) 653260.13
4190775.85 50.20189 (17122901)
653235.88 4190764.69 50.83383 (17122901) 653211.63
4190753.53 53.69802 (17122622)
653187.38 4190742.36 54.34812 (17122622) 653163.13
4190731.20 52.64589 (17122622)
653138.88 4190720.04 51.70946 (17012717) 653114.63
4190708.87 50.46203 (17012717)
653090.38 4190697.71 51.38835 (16041907) 653066.13
4190686.55 58.80479 (16041907)
653041.88 4190675.38 64.14158 (16041907) 653017.63
4190664.22 66.54355 (16041907)
652993.38 4190653.06 65.67897 (16041907) 652969.13
4190641.89 61.63662 (16041907)
652944.88 4190630.73 54.98118 (16041907) 652920.63
4190619.57 48.94922 (16122209)
652896.38 4190608.40 48.51571 (15122702) 652872.13
4190597.24 49.08586 (17120705)
652847.88 4190586.08 51.90916 (17120705) 652823.63
4190574.91 52.11494 (17120705)
652799.38 4190563.75 52.08822 (17020407) 652775.13
4190552.59 51.77507 (17020407)
652750.88 4190541.42 50.68039 (17121109) 652726.63
4190530.26 61.08255 (17121109)
652702.38 4190519.10 69.56970 (17121109) 652678.13
4190507.93 74.85740 (17121109)
652653.88 4190496.77 76.08437 (17121109) 652629.63
4190485.61 73.04184 (17121109)
652605.38 4190474.44 66.22672 (17121109) 652581.13
4190463.28 56.71347 (17121109)
652556.88 4190452.12 53.72339 (17122403) 652532.63
4190440.95 55.54674 (17122403)

652508.38 4190429.79 56.72701 (17022607) 652484.13
4190418.63 57.93063 (17022607)
652459.88 4190407.46 56.58088 (17022607) 652435.63
4190396.30 52.85778 (17022607)
652411.38 4190385.14 56.10359 (14112809) 652387.13
4190373.97 64.13087 (14112809)
652362.88 4190362.81 68.30925 (14112809) 652338.63
4190351.64 67.81612 (14112809)
652314.38 4190340.48 62.76730 (14112809) 652290.13
4190329.32 71.55385 (13011909)
652265.88 4190318.15 84.02729 (13011909) 652241.63
4190306.99 94.95075 (13011909)
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4190284.66 108.05784 (13011909)
652168.88 4190273.50 108.85687 (13011909) 652144.63
4190262.34 105.58393 (13011909)
652120.38 4190251.17 98.62687 (13011909) 652096.13
4190240.01 88.75690 (13011909)
652071.88 4190228.85 76.98203 (13011909) 652047.63
4190217.68 64.38110 (13011909)
652023.38 4190206.52 51.95543 (13011909) 651999.13
4190195.36 48.63422 (17013103)
651974.88 4190184.19 49.74475 (17123104) 651950.63
4190173.03 50.82159 (17123104)
651926.38 4190161.87 50.58486 (17020506) 651902.13
4190150.70 51.39371 (17020506)
651877.88 4190139.54 50.40129 (17020506) 651853.63
4190128.38 49.07474 (17020102)
651829.38 4190117.21 49.28830 (17022406) 651805.13
4190106.05 49.93343 (17022406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4190793.21   55.68082 (14112809)
        652133.81   4190782.08   59.96691 (14112809)   652109.62
4190770.94   61.05699 (14112809)
        652085.43   4190759.80   58.78105 (14112809)   652061.24
4190748.67   53.51869 (14112809)
        652037.04   4190737.53   61.81734 (13011909)   652012.85
4190726.40   71.79388 (13011909)
        651988.66   4190715.26   80.87095 (13011909)   651964.47
4190704.12   88.34957 (13011909)
        651940.28   4190692.99   93.61405 (13011909)   651916.09
4190681.85   96.21835 (13011909)
        651891.90   4190670.71   95.94139 (13011909)   651867.71
4190659.58   92.82403 (13011909)
        651843.51   4190648.44   87.15465 (13011909)   651819.32
4190637.30   79.43550 (13011909)
        651795.13   4190626.17   70.30024 (13011909)   651770.94
4190615.03   60.42842 (13011909)
        651746.75   4190603.90   50.43380 (13011909)   651722.56
4190592.76   40.89521 (13011909)
        651698.37   4190581.62   38.82663 (17013103)   651674.18
4190570.49   39.29085 (17123104)
        651649.98   4190559.35   40.42557 (17123104)   651625.79
4190548.21   40.29397 (17123104)
        651601.60   4190537.08   40.68748 (17020506)   651577.41
4190525.94   40.85003 (17020506)
        651553.22   4190514.80   39.87734 (17020506)   651529.03
4190503.67   39.03865 (17020102)
        651504.84   4190492.53   38.90741 (17022406)   651480.65
4190481.40   39.76261 (17022406)
        651456.45   4190470.26   39.44897 (17022406)   653296.16
4191312.71   43.05885 (17020802)
        653208.71   4191801.62   33.98157 (17020802)   653184.57
4191790.51   31.83940 (17020802)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF VOCS   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653160.42	4191779.39	29.96779	(15021819)	653136.27	4191768.27	30.43787	(17122901)
653112.12	4191757.16	31.96092	(17122901)	653087.97	4191746.04	32.88097	(17122901)
653063.83	4191734.92	34.38978	(15102308)	653039.68	4191723.81	36.32662	(15102308)
653015.53	4191712.69	37.27973	(15102308)	652991.38	4191701.58	37.15487	(15102308)
652967.23	4191690.46	35.96358	(15102308)	652943.09	4191679.34	33.78963	(15102308)
652918.94	4191668.23	33.24521	(17012717)	652894.79	4191657.11	32.59253	(16041907)
652870.64	4191645.99	38.35251	(16041907)	652846.49	4191634.88	43.70343	(16041907)
652822.35	4191623.76	48.21917	(16041907)	652798.20	4191612.64	51.50398	(16041907)
652774.05	4191601.53	53.24002	(16041907)	652749.90	4191590.41	53.25248	(16041907)
652725.75	4191579.29	51.54032	(16041907)	652701.61	4191568.18	48.26241	(16041907)
652677.46	4191557.06	43.72349	(16041907)	652653.31	4191545.95	39.17286	(16122209)
652629.16	4191534.83	39.16351	(16122209)	652605.01	4191523.71	37.58835	(16122209)
652580.87	4191512.60	34.63009	(16122209)	652556.72	4191501.48	33.27452	(17120705)
652532.57	4191490.36	34.35924	(17120705)	652508.42	4191479.25	34.28939	(17120705)
652484.27	4191468.13	33.96473	(17020407)	652460.13	4191457.01	34.42250	(17020407)
652435.98	4191445.90	33.70408	(17020407)	652411.83	4191434.78	36.91927	(17121109)
652387.68	4191423.67	43.97594	(17121109)	652363.53	4191412.55	50.47429	(17121109)
652339.39	4191401.43	55.81404	(17121109)	652315.24	4191390.32	59.45991	(17121109)
652291.09	4191379.20	61.02065	(17121109)	652266.94	4191368.08	60.32194	(17121109)
652242.79	4191356.97	57.43930	(17121109)	652218.65	4191345.85	52.68447	(17121109)
652194.50	4191334.73	46.54483	(17121109)	652170.35	4191323.62	39.61053	(17121109)
652146.20	4191312.50	35.26956	(17122403)	652122.05	4191301.38	36.40913	(17122403)

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        652097.91   4191290.27       36.38807  (17122403)               652073.76
4191279.15       37.54171  (17022607)
        652049.61   4191268.04       37.99488  (17022607)               652025.46
4191256.92       37.34657  (17022607)
        652001.31   4191245.80       35.65372  (17022607)               651977.17
4191234.69       36.37745  (14112809)
        651953.02   4191223.57       43.26791  (14112809)               651928.87
4191212.45       49.12908  (14112809)
        651904.72   4191201.34       53.25692  (14112809)               651880.57
4191190.22       55.12315  (14112809)
        651856.43   4191179.10       54.48248  (14112809)               651832.28
4191167.99       51.42811  (14112809)
        651808.13   4191156.87       46.36775  (14112809)               651783.98
4191145.76       54.22969  (13011909)
        651759.84   4191134.64       62.43167  (13011909)               651735.69
4191123.52       70.03546  (13011909)
        651711.54   4191112.41       76.55904  (13011909)               651687.39
4191101.29       81.62557  (13011909)
        651663.24   4191090.17       84.89451  (13011909)               651639.10
4191079.06       86.06709  (13011909)
        651614.95   4191067.94       85.05448  (13011909)               651590.80
4191056.82       81.97596  (13011909)
        651566.65   4191045.71       77.06840  (13011909)               651542.50
4191034.59       70.78797  (13011909)
        651518.36   4191023.47       63.52976  (13011909)               651494.21
4191012.36       55.71301  (13011909)
        651470.06   4191001.24       47.70451  (13011909)               651445.91
4190990.13       39.87951  (13011909)
        651421.76   4190979.01       32.57916  (13011909)               651397.62
4190967.89       31.92717  (17013103)
        651373.47   4190956.78       31.97515  (17123104)               651349.32
4190945.66       33.04379  (17123104)
        651325.17   4190934.54       33.26838  (17123104)               651301.02
4190923.43       32.88875  (17020506)
        651276.88   4190912.31       33.54065  (17020506)               651252.73
4190901.19       33.41982  (17020506)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 724
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                 INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651228.58	4190890.08	32.54124	(17020506)	651204.43	4190878.96	32.02159	(17020102)
651180.28	4190867.85	31.67043	(17022406)	651156.14	4190856.73	32.55221	(17022406)
651131.99	4190845.61	32.64910	(17022406)	653234.05	4191808.84	35.42945	(17020802)
653712.29	4188013.66	6763.05407	(17120219)	653736.84	4188013.66	6805.07163	(17012720)
653761.39	4188013.66	7172.46107	(17022508)	653785.94	4188013.66	6483.81296	(17122321)
653810.49	4188013.66	5758.88283	(17121119)	653736.84	4188038.66	5202.53618	(17012720)
653761.39	4188038.66	5383.29863	(17022508)	653785.94	4188038.66	4929.05675	(17022706)
653810.49	4188038.66	4261.99273	(17122321)	653736.84	4188063.66	4096.62359	(17012720)
653761.39	4188063.66	3959.69849	(17121401)	653785.94	4188063.66	3645.74254	(17122223)
653810.49	4188063.66	3595.55409	(17012601)	653736.84	4188088.66	3302.16331	(17012720)
653761.39	4188088.66	3177.60468	(17012905)	653785.94	4188088.66	3202.55606	(17022508)
653810.49	4188088.66	3005.75733	(17021405)	653736.84	4188138.66	2310.42135	(17122408)
653761.39	4188138.66	2103.81572	(17012905)	653785.94	4188138.66	2170.46881	(17121401)
653810.49	4188138.66	2065.99465	(17022508)	653712.29	4188188.66	1667.18723	(17120618)
653736.84	4188188.66	1736.52078	(17122408)	653761.39	4188188.66	1480.76138	(13020121)
653785.94	4188188.66	1655.20976	(17120207)	653810.49	4188188.66	1533.46177	(17022508)
653712.29	4188238.66	1279.96545	(17120618)	653736.84	4188238.66	1365.48453	(17122408)
653761.39	4188238.66	1166.29294	(17021222)	653785.94	4188238.66	1270.58821	(17120207)
653810.49	4188238.66	1245.52858	(17121401)	653712.29	4188288.66	996.97826	(17120618)
653736.84	4188288.66	1110.21401	(17122408)	653761.39	4188288.66	985.85926	(17012720)
653785.94	4188288.66	967.14194	(17012905)	653810.49			

4188288.66   1038.98275 (17120207)
        653712.29   4188338.66   825.69885 (17121308)   653736.84
4188338.66   925.68951 (17122408)
        653761.39   4188338.66   852.07965 (17012720)   653785.94
4188338.66   773.61615 (16010408)
        653810.49   4188338.66   883.12517 (17120207)   653693.66
4188437.50   636.03003 (17120618)
        653736.84   4188438.66   681.75971 (17122408)   653761.39
4188438.66   653.68403 (17012720)
        653785.94   4188438.66   570.28884 (16021023)   653810.49
4188438.66   581.71348 (17012905)
        653689.52   4188537.24   479.20654 (17120618)   653666.74
4188535.82   498.97920 (17020802)
        653712.29   4188538.66   475.37297 (17120206)   653736.84
4188538.66   530.27840 (17122408)
        653761.39   4188538.66   517.79376 (17012720)   653785.94
4188538.66   459.34123 (17021222)
        653810.49   4188538.66   437.67468 (16010408)   653692.10
4188637.40   379.67651 (17121308)
        653736.84   4188638.66   428.57421 (17122408)   653761.39
4188638.66   421.31236 (17012720)
        653785.94   4188638.66   365.65951 (17021222)   653810.49
4188638.66   355.22482 (16021023)
        653689.00   4188737.21   318.24874 (17121308)   653665.71
4188735.76   331.22817 (17120618)
        653642.42   4188734.30   335.27290 (17020802)   653712.29
4188738.66   326.78437 (17120206)
        653736.84   4188738.66   356.26312 (17122408)   653761.39
4188738.66   350.40237 (17012720)
        653785.94   4188738.66   319.18357 (17012720)   653810.49
4188738.66   305.13102 (17021222)
        653691.17   4188837.34   271.87881 (17121308)   653648.94
4188834.71   286.33461 (17120618)
        653736.84   4188838.66   302.51685 (17122408)   653761.39
4188838.66   296.61290 (17012720)
        653785.94   4188838.66   280.57987 (17012720)   653810.49
4188838.66   262.81344 (17021222)
        653689.52   4189087.24   189.51585 (17121308)   653666.74
4189085.82   191.39368 (17121308)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5

, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653643.97	4189084.40	190.28721	(17120618)	653621.20	4189082.98	203.85290	(17120618)
653598.42	4189081.56	202.44116	(17020802)	653712.29	4189088.66	202.89613	(17122408)
653736.84	4189088.66	214.97936	(17122408)	653761.39	4189088.66	207.54626	(17012720)
653785.94	4189088.66	208.11736	(17012720)	653810.49	4189088.66	185.22941	(17012720)
653688.33	4189337.17	149.22333	(14012009)	653664.38	4189335.67	147.04419	(17121308)
653640.42	4189334.18	140.28391	(17121308)	653616.46	4189332.69	147.71921	(17120618)
653592.51	4189331.19	154.91009	(17120618)	653568.55	4189329.70	153.75474	(17020802)
653712.29	4189338.66	156.24049	(17122408)	653736.84	4189338.66	163.26567	(17122408)
653761.39	4189338.66	154.53407	(17012720)	653785.94	4189338.66	159.93047	(17012720)
653810.49	4189338.66	151.14973	(17012720)	653690.21	4189587.28	135.92472	(14012009)
653646.04	4189584.53	116.71848	(17121308)	653601.87	4189581.78	113.36988	(17120618)
653557.71	4189579.02	122.48554	(17120618)	653736.84	4189588.66	130.19554	(14012009)
653761.39	4189588.66	123.83012	(17122408)	653785.94	4189588.66	126.73411	(17012720)
653810.49	4189588.66	124.31174	(17012720)	653689.31	4189837.23	123.71754	(14012009)
653666.33	4189835.79	115.90478	(14012009)	653643.35	4189834.36	102.14353	(14012009)
653620.37	4189832.93	94.31514	(17121308)	653597.39	4189831.50	87.34528	(17121308)
653574.41	4189830.06	94.76358	(17120618)	653551.43	4189828.63	100.08317	(17120618)
653528.45	4189827.20	100.16175	(17120618)	653505.47	4189825.76	100.13887	(17020802)
653712.29	4189838.66	124.21655	(14012009)	653736.84	4189838.66	116.69999	(14012009)

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        653761.39   4189838.66      102.37890  (17122408)                653785.94
4189838.66      102.98459  (17012720)
        653810.49   4189838.66      103.52115  (17012720)                653687.96
4190337.14      105.12716  (14012009)
        653663.64   4190335.63      101.40080  (14012009)                653639.31
4190334.11       93.08781  (14012009)
        653614.99   4190332.59       81.33805  (14012009)                653590.66
4190331.08       67.82945  (17121308)
        653566.33   4190329.56       63.40284  (17121308)                653542.01
4190328.04       64.91223  (17120618)
        653517.68   4190326.53       70.02943  (17120618)                653493.35
4190325.01       72.33075  (17120618)
        653469.03   4190323.49       71.52814  (17120618)                653444.70
4190321.98       72.01737  (17020802)
        653712.29   4190338.66      103.74123  (14012009)                653736.84
4190338.66       97.42321  (14012009)
        653761.39   4190338.66       87.01852  (14012009)                653785.94
4190338.66       73.93271  (14012009)
        653810.49   4190338.66       74.56906  (17012720)                653688.69
4190837.19       91.30976  (14012009)
        653665.09   4190835.72       90.21830  (14012009)                653641.49
4190834.25       86.01520  (14012009)
        653617.88   4190832.77       79.12802  (14012009)                653594.28
4190831.30       70.24115  (14012009)
        653570.68   4190829.83       60.16831  (14012009)                653547.08
4190828.36       50.42208  (17121308)
        653523.48   4190826.89       46.70196  (17121308)                653499.88
4190825.42       49.17622  (17120618)
        653476.27   4190823.94       52.76083  (17120618)                653452.67
4190822.47       54.85239  (17120618)
        653429.07   4190821.00       55.26305  (17120618)                653405.47
4190819.53       54.39334  (17020802)
        653381.87   4190818.06       55.04585  (17020802)                653712.29
4190838.66       89.17920  (14012009)
        653736.84   4190838.66       83.82816  (14012009)                653761.39
4190838.66       75.82626  (14012009)
        653785.94   4190838.66       66.00521  (14012009)                653810.49
4190838.66       56.09841  (17012720)
        653687.81   4191337.13       80.68574  (14012009)                653663.33
4191335.61       80.63025  (14012009)
        653638.85   4191334.08       78.13761  (14012009)                653614.38
4191332.55       73.43193  (14012009)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 726
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653589.90	4191331.03	66.91867	(14012009)	653565.42	4191329.50	59.12659	(14012009)
653540.94	4191327.98	50.65530	(14012009)	653516.46	4191326.45	42.09131	(14012009)
653491.98	4191324.92	37.50618	(17121308)	653467.51	4191323.40	37.50907	(17120618)
653443.03	4191321.87	40.62434	(17120618)	653418.55	4191320.34	42.82337	(17120618)
653394.07	4191318.82	43.93627	(17120618)	653369.59	4191317.29	43.87582	(17120618)
653345.11	4191315.77	43.43673	(17020802)	653320.64	4191314.24	43.87359	(17020802)
653712.29	4191338.66	78.30193	(14012009)	653736.84	4191338.66	73.70835	(14012009)
653761.39	4191338.66	67.28219	(14012009)	653785.94	4191338.66	59.55821	(14012009)
653810.49	4191338.66	51.12991	(14012009)	653688.38	4191837.17	71.95979	(14012009)
653664.47	4191835.68	72.61160	(14012009)	653640.55	4191834.19	71.50210	(14012009)
653616.64	4191832.70	68.73499	(14012009)	653592.73	4191831.21	64.48749	(14012009)
653568.82	4191829.71	59.05595	(14012009)	653544.90	4191828.22	52.78703	(14012009)
653520.99	4191826.73	46.05472	(14012009)	653497.08	4191825.24	39.22101	(14012009)
653473.17	4191823.75	32.61109	(14012009)	653449.26	4191822.26	29.93143	(14063004)
653425.34	4191820.77	30.62222	(17120618)	653401.43	4191819.28	32.95584	(17120618)
653377.52	4191817.79	34.71990	(17120618)	653353.61	4191816.30	35.80750	(17120618)
653329.70	4191814.80	36.15139	(17120618)	653305.78	4191813.31	35.73005	(17120618)
653281.87	4191811.82	35.80214	(17020802)	653257.96			

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4191810.33       36.02043  (17020802)
        653712.29   4191838.66       69.62138  (14012009)                653736.84
4191838.66       65.64640  (14012009)
        653761.39   4191838.66       60.35424  (14012009)                653785.94
4191838.66       54.09352  (14012009)
        653810.49   4191838.66       47.28268  (14012009)                653835.43
4187990.43     5027.62401  (15122617)
        653838.58   4187946.01     4808.15234  (17122519)                653841.72
4187901.59     5001.71491  (17011509)
        653852.47   4188008.72     3816.96019  (14011317)                653861.94
4187969.98     4104.26430  (14022208)
        653865.09   4187925.56     3350.32193  (17011303)                653868.23
4187881.14     3647.82254  (17011509)
        653877.41   4188010.49     3065.24608  (15010317)                653844.57
4188050.24     3211.76388  (17022407)
        653886.88   4187971.75     3220.63450  (14022208)                653890.02
4187927.33     2771.76341  (17121319)
        653893.17   4187882.91     2762.43882  (17011509)                653902.34
4188012.25     2524.77934  (15010317)
        653886.55   4188045.30     2491.90311  (17120617)                653861.61
4188068.54     2740.44897  (17022407)
        653911.81   4187973.52     2618.52212  (14022208)                653914.96
4187929.10     2276.32779  (17010504)
        653918.11   4187884.68     2082.44150  (17122619)                653950.64
4188019.09     1824.95083  (15122617)
        653931.69   4188058.75     1808.19768  (14022307)                653892.29
4188106.46     1969.63428  (17022407)
        653851.39   4188122.56     2065.87050  (17012601)                653961.69
4187977.05     1862.15872  (14022208)
        653964.84   4187932.63     1736.71279  (17122519)                653967.98
4187888.21     1479.68256  (17020824)
        654000.97   4188021.68     1358.11253  (17122919)                653982.92
4188059.45     1399.03007  (14011317)
        653964.87   4188097.22     1385.37085  (14012706)                653927.35
4188142.66     1441.21009  (17022407)
        653888.39   4188157.99     1625.39498  (17012601)                653849.44
4188173.33     1569.91437  (17121904)
        654011.56   4187980.59     1415.09006  (14022208)                654014.71
4187936.17     1305.19325  (17122719)
        654017.86   4187891.75     1174.42957  (17121319)                654051.09
4188024.69     1094.98334  (16120418)
        654033.54   4188061.41     1122.98433  (15010317)                654016.00
4188098.14     1125.59894  (14022307)
        653998.45   4188134.86     1209.58280  (17121119)                653961.97
4188179.03     1133.26782  (17120205)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653924.10	4188193.94	1245.40886	(17012601)	653886.23	4188208.85	1312.44049	(17021405)
653848.36	4188223.75	1212.78504	(17022508)	654061.44	4187984.12	1124.46607	(14022208)
654064.59	4187939.70	989.12434	(17122621)	654067.73	4187895.28	968.20941	(17010504)
654100.26	4188029.70	888.16700	(16120418)	654081.31	4188069.36	943.77533	(15010317)
654062.36	4188109.01	927.38039	(16120603)	654043.41	4188148.67	930.90233	(17121119)
654024.46	4188188.33	873.21216	(13121217)	653994.54	4188216.21	939.15759	(17120205)
653953.64	4188232.31	1031.64100	(17012601)	653912.74	4188248.41	1067.87142	(17021405)
653871.84	4188264.51	991.50586	(17122223)	654111.31	4187987.66	922.70632	(14022208)
654114.46	4187943.24	837.77429	(17122621)	654117.61	4187898.82	803.88286	(17122519)
654150.40	4188032.68	734.20881	(14021120)	654131.98	4188071.24	771.28918	(15121621)
654113.55	4188109.80	784.52316	(14011317)	654095.13	4188148.35	782.15539	(17120617)
654076.71	4188186.91	850.58530	(17121119)	654058.28	4188225.47	779.94484	(17120122)
654029.19	4188252.57	787.35266	(17120205)	653989.42	4188268.22	821.64212	(17012601)
653949.66	4188283.88	857.58085	(17022706)	653909.90	4188299.53	878.43570	(17121904)
653870.13	4188315.18	904.39613	(17022508)	654161.19	4187991.19	775.71300	(14022208)
654164.34	4187946.77	702.31924	(17122621)	654167.48	4187902.35	728.55520	(17122519)

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        654249.89   4188040.30      562.92451  (15122424)                654230.94
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4188159.28      592.45474  (13020908)
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        654136.19   4188278.25      559.33321  (13121217)                654096.79
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4188390.36      624.13440  (17122223)
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4188422.56      636.28841  (17123005)
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4187953.84      493.38286  (17122621)
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4188276.28      489.31016  (17121119)
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        654086.74   4188429.92      514.16879  (17012601)                654047.28
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4188476.52      486.81261  (17122223)
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4188507.59      510.80807  (17121401)
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4187916.49      396.16481  (17122621)
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4188171.31      386.31774  (15010317)
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        654337.55   4188288.49      386.26616  (17120617)                654318.89
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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653974.09 4188674.26 310.83225 (17021601) 653933.19
4188690.36 341.88261 (17121401)
653892.29 4188706.46 361.22678 (17120207) 653851.39
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654659.94 4188026.54 260.89762 (14022208) 654663.09
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654666.23 4187937.70 229.26346 (17122621) 654898.35
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4188243.28 196.23095 (15122617)
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4188321.88 196.24746 (15010318)
654766.89 4188361.18 195.95518 (14011317) 654748.11

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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654912.46 4187999.79 184.38301 (13123017) 654915.61 4187955.37 165.88942 (16010203)
655147.64 4188103.92 138.17867 (15020206) 655128.69 4188143.58 142.07140 (14021603)
655109.74 4188183.24 140.01710 (14021120) 655090.79 4188222.90 146.45015 (16120418)
655071.84 4188262.56 145.86017 (15021405) 655052.88 4188302.22 150.21642 (15122617)
655033.93 4188341.88 150.50713 (13020204) 655014.98 4188381.54 146.61368 (15010317)
654996.03 4188421.19 151.94160 (14010220) 654977.08 4188460.85 152.18478 (14022106)
654958.13 4188500.51 150.97389 (16120603) 654939.18 4188540.17 150.96507 (14022307)
654920.23 4188579.83 151.61903 (17120617) 654901.28 4188619.49 148.72299 (14012706)
654882.33 4188659.15 166.48693 (13103008) 654863.38 4188698.81 165.47750 (17121119)
654844.43 4188738.47 165.75235 (17123020) 654825.48 4188778.12 143.62867 (16020806)
654806.53 4188817.78 142.51339 (15010118) 654787.58 4188857.44 161.94898 (13121109)
654768.63 4188897.10 156.57172 (13121109) 654749.68 4188936.76 149.28895 (17120205)
654710.28 4188984.47 149.58032 (17022408) 654669.38 4189000.57 160.32229 (17122321)
654628.48 4189016.67 141.85801 (17122321) 654587.58 4189032.77 162.33403 (17012601)
654546.68 4189048.87 156.15311 (17012601) 654505.78 4189064.97 160.65698 (17022706)
654464.88 4189081.07 153.10305 (17022324) 654423.98 4189097.17 169.16782 (17021405)
654383.08 4189113.27 153.59936 (17021405) 654342.18 4189129.37 164.54153 (17121904)
654301.28 4189145.46 151.99482 (17122223) 654260.38 4189161.56 150.03540 (17041006)
654219.48 4189177.66 163.25208 (17120204) 654178.58 4189193.76 158.18183 (17022508)
654137.68 4189209.86 149.30256 (17021601) 654096.79 4189225.96 161.90542 (17121401)
654055.89 4189242.06 161.35219 (17123005) 654014.99 4189258.16 169.20972 (17120207)
653974.09 4189274.26 154.71143 (17012905) 653933.19 4189290.36 139.32267 (16010408)
653892.29 4189306.46 137.53209 (13121321) 653851.39 4189322.56 144.48389 (17021222)
655158.69 4188061.88 141.13228 (14022208) 655161.83 4188017.46 141.50629 (14022208)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655339.74	4188241.45	111.92852	(15122502)	655320.67	4188281.35	117.10445	(16120418)
655301.60	4188321.26	117.55561	(15021405)	655282.53	4188361.17	119.96774	(15122617)
655263.46	4188401.08	120.34376	(13020204)	655244.39	4188440.99	121.20733	(15010317)
655225.32	4188480.90	120.51207	(15010318)	655206.25	4188520.80	119.21400	(14011317)
655187.19	4188560.71	121.34294	(14022106)	655168.12	4188600.62	121.33040	(16120603)
655149.05	4188640.53	120.50915	(14022307)	655129.98	4188680.44	119.88777	(14022207)
655110.91	4188720.35	119.02745	(17120617)	655091.84	4188760.25	130.93950	(13103008)
655072.77	4188800.16	153.86123	(13103008)	655053.70	4188840.07	130.53471	(13103008)
655034.63	4188879.98	132.32134	(17123020)	655015.56	4188919.89	114.82548	(16020806)
654996.49	4188959.80	114.76290	(13121217)	654977.42	4188999.70	138.65391	(13121109)
654958.35	4189039.61	146.45510	(13121109)	654939.28	4189079.52	126.01991	(13121109)
654920.21	4189119.43	118.83117	(17120205)	654880.56			

4189167.44 118.66537 (17022408)
654839.40 4189183.64 127.39651 (17122321) 654798.25
4189199.84 118.06103 (17122321)
654757.09 4189216.04 120.85922 (17012601) 654715.93
4189232.24 131.70242 (17012601)
654674.78 4189248.44 122.80703 (17022604) 654633.62
4189264.64 127.44578 (17022706)
654592.46 4189280.84 121.64426 (17011608) 654551.31
4189297.04 133.71695 (17021405)
654510.15 4189313.25 128.13113 (17021405) 654468.99
4189329.45 132.14028 (17121904)
654427.84 4189345.65 121.85481 (17031322) 654386.68
4189361.85 122.70944 (17122223)
654345.53 4189378.05 117.86915 (17041006) 654304.37
4189394.25 130.06984 (17120204)
654263.21 4189410.45 127.51870 (17022508) 654222.06
4189426.65 114.30464 (15011408)
654180.90 4189442.85 125.92907 (17121401) 654139.74
4189459.05 124.74098 (17121401)
654098.59 4189475.25 126.93246 (17123005) 654057.43
4189491.45 135.11131 (17120207)
654016.27 4189507.66 122.89043 (17012905) 653975.12
4189523.86 110.30923 (16120522)
653933.96 4189540.06 110.20120 (13121321) 653892.80
4189556.26 112.93120 (17021222)
653851.65 4189572.46 109.49180 (17021222) 655408.06
4188079.56 111.90568 (14022208)
655411.21 4188035.14 114.65970 (14022208) 655414.36
4187990.72 109.73263 (16010203)
655646.28 4188139.49 92.11953 (15020206) 655627.13
4188179.58 91.98280 (14021603)
655607.97 4188219.67 93.88901 (15122424) 655588.81
4188259.76 92.01063 (14021120)
655569.65 4188299.86 94.21107 (16120418) 655550.49
4188339.95 95.32823 (17122919)
655531.34 4188380.04 97.09630 (15021405) 655512.18
4188420.13 98.77701 (15122617)
655493.02 4188460.22 98.76562 (13020204) 655473.86
4188500.32 100.99813 (15010317)
655454.71 4188540.41 97.97327 (15010318) 655435.55
4188580.50 100.10420 (14010220)
655416.39 4188620.59 98.08900 (14011317) 655397.23
4188660.69 99.01389 (13020908)
655378.08 4188700.78 99.93524 (16120603) 655358.92
4188740.87 99.19925 (14022307)
655339.76 4188780.96 99.03986 (14022207) 655320.60
4188821.06 100.35304 (17120617)
655301.44 4188861.15 100.10854 (13103008) 655282.29
4188901.24 133.03944 (13103008)
655263.13 4188941.33 135.40471 (13103008) 655243.97

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655109.87	4189262.07	100.11851	(13121109)	655090.71	4189302.16	95.63141	(17120205)
655050.88	4189350.39	107.28762	(13121809)	655009.53	4189366.67	105.72688	(13121809)
654968.19	4189382.94	99.82416	(17122321)	654926.84	4189399.22	91.45684	(17031023)
654885.49	4189415.50	107.17403	(17012601)	654844.15	4189431.77	104.05696	(17012601)
654802.80	4189448.05	101.90232	(17022706)	654761.46	4189464.32	103.50836	(17022706)
654720.11	4189480.60	100.38370	(17011608)	654678.76	4189496.87	108.87648	(17021405)
654637.42	4189513.15	108.24580	(17021405)	654596.07	4189529.42	104.55188	(17121904)
654554.72	4189545.70	106.94698	(17121904)	654513.38	4189561.98	96.56780	(17122223)
654472.03	4189578.25	99.91044	(17122223)	654430.68	4189594.53	99.49778	(17120204)
654389.34	4189610.80	106.90392	(17120204)	654347.99	4189627.08	105.62521	(17022508)

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        654306.65   4189643.35       93.97857  (16020603)                654265.30
4189659.63       99.90857  (17021601)
        654223.95   4189675.90      105.94006  (17121401)                654182.61
4189692.18      104.46367  (17123005)
        654141.26   4189708.46      103.88525  (17120207)                654099.91
4189724.73      110.58363  (17120207)
        654058.57   4189741.01      100.74467  (17012905)                654017.22
4189757.28       91.09086  (16120522)
        653975.88   4189773.56       90.92526  (16010408)                653934.53
4189789.83       90.82533  (16021023)
        653893.18   4189806.11       95.08320  (17021222)                653851.84
4189822.38       92.05887  (17012720)
        655657.44   4188097.23       91.54354  (14022208)                655660.58
4188052.81       95.12075  (14022208)
        655663.73   4188008.39       90.46113  (13123017)                656145.10
4188174.70       66.72963  (15020206)
        656126.06   4188214.53       63.34039  (15020206)                656107.03
4188254.36       67.68020  (14021603)
        656088.00   4188294.18       68.24870  (15122424)                656068.97
4188334.01       66.46477  (14021120)
        656049.94   4188373.84       67.12482  (15122502)                656030.91
4188413.67       70.07898  (16120418)
        656011.87   4188453.50       74.02531  (13121709)                655992.84
4188493.33       79.55654  (13121709)
        655973.81   4188533.16       71.74109  (15122617)                655954.78
4188572.98       70.00014  (15121621)
        655935.75   4188612.81       71.46858  (15010317)                655916.72
4188652.64       72.10272  (15010317)
        655897.68   4188692.47       71.19725  (15010318)                655878.65
4188732.30       72.08254  (14010220)
        655859.62   4188772.13       71.14539  (13011303)                655840.59
4188811.95       72.69757  (14022106)
        655821.56   4188851.78       71.80244  (13020908)                655802.53
4188891.61       72.32306  (16120603)
        655783.50   4188931.44       72.57889  (14022307)                655764.46
4188971.27       70.93063  (14122608)
        655745.43   4189011.10       72.15170  (17120617)                655726.40
4189050.92       71.49823  (17120617)
        655707.37   4189090.75       77.27372  (13103008)                655688.34
4189130.58      105.76257  (13103008)
        655669.31   4189170.41      118.02618  (13103008)                655650.27
4189210.24      107.60780  (13103008)
        655631.24   4189250.07       80.37178  (13103008)                655612.21
4189289.89       78.93526  (17123020)
        655593.18   4189329.72       69.87113  (17123020)                655574.15
4189369.55       67.96799  (16020806)
        655555.12   4189409.38       78.18591  (13121109)                655536.09
4189449.21       99.74057  (13121109)
        655517.05   4189489.04      111.82597  (13121109)                655498.02
4189528.86      110.43513  (13121109)
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655478.99 4189568.69 96.35182 (13121109) 655459.96
4189608.52 74.50899 (13121109)
655440.93 4189648.35 69.06330 (17120205) 655421.90
4189688.18 78.49378 (13121809)
655391.84 4189716.18 91.08908 (13121809) 655350.77
4189732.34 90.19222 (13121809)
655309.70 4189748.51 75.61340 (13121809) 655268.62
4189764.68 66.12070 (16012704)
655227.55 4189780.85 67.99821 (17012601) 655186.47
4189797.02 77.33752 (17012601)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655145.40	4189813.19	76.39719	(17012601)	655104.32	4189829.36	72.75385	(17022604)
655063.25	4189845.52	75.39464	(17022706)	655022.18	4189861.69	73.60252	(17022324)
654981.10	4189877.86	71.13467	(17011608)	654940.03	4189894.03	77.80406	(17011608)
654898.95	4189910.20	80.28888	(17021405)	654857.88	4189926.37	73.80076	(17021405)
654816.81	4189942.53	76.32063	(17121904)	654775.73	4189958.70	77.95996	(17121904)
654734.66	4189974.87	71.43978	(17031322)	654693.58	4189991.04	72.15948	(17122223)
654652.51	4190007.21	70.88316	(17041006)	654611.44	4190023.38	71.69250	(17120204)
654570.36	4190039.54	77.85106	(17120204)	654529.29	4190055.71	77.68856	(17022508)
654488.21	4190071.88	71.23504	(17022508)	654447.14			

4190088.05 67.23053 (15011408)
654406.06 4190104.22 71.89731 (17021601) 654364.99
4190120.39 76.10130 (17121401)
654323.92 4190136.55 73.41756 (17121401) 654282.84
4190152.72 76.82264 (17123005)
654241.77 4190168.89 75.96651 (17120207) 654200.69
4190185.06 80.27142 (17120207)
654159.62 4190201.23 74.09117 (17012905) 654118.55
4190217.40 68.34774 (17030903)
654077.47 4190233.57 65.32443 (16010408) 654036.40
4190249.73 65.25941 (16010408)
653995.32 4190265.90 65.05408 (16021023) 653954.25
4190282.07 74.48661 (14012409)
653913.18 4190298.24 72.69379 (14012409) 653872.10
4190314.41 67.95482 (17012720)
656156.18 4188132.58 65.41760 (14022208) 656159.33
4188088.16 69.06467 (14022208)
656162.48 4188043.74 67.10266 (13123017) 656643.78
4188210.17 51.04085 (15020206)
656624.63 4188250.25 49.98782 (15020206) 656605.48
4188290.33 50.77802 (14021603)
656586.33 4188330.41 51.72282 (14021603) 656567.18
4188370.49 52.35517 (15122424)
656548.02 4188410.58 50.93208 (14021120) 656528.87
4188450.66 51.46074 (15122502)
656509.72 4188490.74 53.44504 (16120418) 656490.57
4188530.82 56.33211 (13121709)
656471.41 4188570.90 67.56064 (13121709) 656452.26
4188610.98 68.49535 (13121709)
656433.11 4188651.06 58.56080 (13121709) 656413.96
4188691.14 53.88471 (15121621)
656394.81 4188731.22 55.04961 (13020204) 656375.65
4188771.30 56.11523 (15010317)
656356.50 4188811.38 53.23377 (15010317) 656337.35
4188851.46 55.15980 (15010318)
656318.20 4188891.55 55.39675 (14010220) 656299.04
4188931.63 54.34468 (13011303)
656279.89 4188971.71 55.20334 (14022106) 656260.74
4189011.79 54.86239 (14022106)
656241.59 4189051.87 54.48289 (16120603) 656222.44
4189091.95 55.08347 (16120603)
656203.28 4189132.03 55.61814 (14022307) 656184.13
4189172.11 54.78791 (14122608)
656164.98 4189212.19 55.01114 (14022207) 656145.83
4189252.27 56.17036 (17120617)
656126.68 4189292.35 52.87403 (15121622) 656107.52
4189332.43 70.18452 (13103008)
656088.37 4189372.51 91.92971 (13103008) 656069.22
4189412.60 102.57885 (13103008)
656050.07 4189452.68 97.64241 (13103008) 656030.91

4189492.76   79.40844 (13103008)
        656011.76   4189532.84   60.19424 (17123020)   655992.61
4189572.92   59.80907 (17123020)
        655973.46   4189613.00   53.21133 (13020618)   655954.31
4189653.08   52.48340 (16020806)
        655935.15   4189693.16   58.73267 (13121109)   655916.00
4189733.24   77.09550 (13121109)
        655896.85   4189773.32   91.38407 (13121109)   655877.70
4189813.40   97.95423 (13121109)
        655858.54   4189853.48   95.12365 (13121109)   655839.39
4189893.57   83.86823 (13121109)
        655820.24   4189933.65   67.29509 (13121109)   655801.09
4189973.73   54.85504 (17120205)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

655236.53 4190277.31 54.83013 (17011608) 655195.19
4190293.59 59.68397 (17011608)
655153.86 4190309.86 61.37369 (17021405) 655112.52
4190326.13 59.42365 (17021405)
655071.19 4190342.40 52.27002 (17121904) 655029.86
4190358.67 59.81349 (17121904)
654988.52 4190374.94 59.38691 (17121904) 654947.19
4190391.21 55.05146 (17031322)
654905.85 4190407.48 54.29824 (17122223) 654864.52
4190423.75 55.15290 (17122223)
654823.18 4190440.02 54.14677 (17041006) 654781.85
4190456.29 56.83217 (17120204)
654740.51 4190472.57 59.71194 (17120204) 654699.18
4190488.84 59.39080 (17022508)
654657.85 4190505.11 55.93312 (17022508) 654616.51
4190521.38 52.01187 (16020603)
654575.18 4190537.65 52.24529 (17021601) 654533.84
4190553.92 55.58876 (17031102)
654492.51 4190570.19 58.33362 (17121401) 654451.17
4190586.46 56.51626 (17121401)
654409.84 4190602.73 58.49698 (17123005) 654368.50
4190619.00 57.23632 (17123005)
654327.17 4190635.27 60.70371 (17120207) 654285.84
4190651.54 60.81154 (17120207)
654244.50 4190667.82 56.49210 (17012905) 654203.17
4190684.09 52.68057 (17030903)
654161.83 4190700.36 50.35854 (16120522) 654120.50
4190716.63 50.84249 (16010408)
654079.16 4190732.90 50.02246 (13121321) 654037.83
4190749.17 57.72934 (14012409)
653996.49 4190765.44 65.07188 (14012409) 653955.16
4190781.71 63.79889 (14012409)
653913.83 4190797.98 54.55115 (14012409) 653872.49
4190814.25 55.47372 (17012720)
656654.93 4188167.92 49.97563 (17020901) 656658.08
4188123.50 52.82617 (14022208)
656661.23 4188079.08 51.30665 (13123017) 657142.58
4188245.43 41.22309 (15012910)
657123.51 4188285.32 41.08182 (15012910) 657104.45
4188325.22 38.86973 (14021603)
657085.38 4188365.12 41.30482 (14021603) 657066.32
4188405.01 41.02629 (15122424)
657047.25 4188444.91 41.73627 (15022706) 657028.19
4188484.81 40.63256 (14021120)
657009.13 4188524.71 40.90407 (15122502) 656990.06
4188564.60 41.85178 (16120418)
656971.00 4188604.50 42.95557 (16120418) 656951.93
4188644.40 53.94893 (13121709)
656932.87 4188684.29 61.10661 (13121709) 656913.80
4188724.19 60.53511 (13121709)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656589.71	4189402.44	43.91375	(14022207)	656570.65	4189442.34	44.26206	(17120617)
656551.58	4189482.24	44.60677	(17120617)	656532.52	4189522.13	42.18620	(15121622)
656513.45	4189562.03	58.21898	(13103008)	656494.39	4189601.93	76.72973	(13103008)
656475.32	4189641.82	88.98908	(13103008)	656456.26	4189681.72	90.85603	(13103008)
656437.19	4189721.62	81.70384	(13103008)	656418.13	4189761.52	64.77417	(13103008)
656399.07	4189801.41	48.19927	(17123020)	656380.00			

4189841.31 48.19849 (17123020)
656360.94 4189881.21 43.49298 (17123020) 656341.87
4189921.10 42.24718 (16020806)
656322.81 4189961.00 42.06655 (13121217) 656303.74
4190000.90 54.30742 (13121109)
656284.68 4190040.79 68.83471 (13121109) 656265.62
4190080.69 80.32271 (13121109)
656246.55 4190120.59 86.35049 (13121109) 656227.49
4190160.49 85.74418 (13121109)
656208.42 4190200.38 79.00437 (13121109) 656189.36
4190240.28 67.50092 (13121109)
656170.29 4190280.18 53.55724 (13121109) 656151.23
4190320.07 43.76886 (17120205)
656132.16 4190359.97 46.78875 (13121809) 656113.10
4190399.87 59.59467 (13121809)
656073.46 4190447.86 70.82752 (13121809) 656032.32
4190464.06 70.34689 (13121809)
655991.17 4190480.26 63.07210 (13121809) 655950.03
4190496.45 50.98380 (13121809)
655908.88 4190512.65 40.32906 (16012704) 655867.74
4190528.85 39.75641 (17031023)
655826.59 4190545.04 43.64890 (17012601) 655785.45
4190561.24 47.45354 (17012601)
655744.30 4190577.43 47.27839 (17012601) 655703.16
4190593.63 43.10793 (17012601)
655662.01 4190609.83 45.01960 (17022604) 655620.87
4190626.02 45.78353 (17022706)
655579.72 4190642.22 45.69536 (17022706) 655538.58
4190658.42 44.88076 (17022324)
655497.43 4190674.61 43.11417 (17011608) 655456.29
4190690.81 47.41075 (17011608)
655415.14 4190707.00 48.13384 (17021405) 655374.00
4190723.20 48.85298 (17021405)
655332.85 4190739.40 45.29942 (17021405) 655291.71
4190755.59 42.92785 (17121904)
655250.56 4190771.79 47.91719 (17121904) 655209.42
4190787.99 47.77831 (17121904)
655168.27 4190804.18 44.43186 (17031322) 655127.13
4190820.38 41.70305 (13021807)
655085.98 4190836.57 44.08137 (17122223) 655044.84
4190852.77 43.21771 (17122223)
655003.69 4190868.97 42.90641 (17041006) 654962.55
4190885.16 45.16515 (17120204)
654921.40 4190901.36 47.86671 (17120204) 654880.26
4190917.56 47.13498 (17022508)
654839.11 4190933.75 46.18321 (17022508) 654797.97
4190949.95 41.84578 (17022508)
654756.82 4190966.15 41.36698 (16020603) 654715.68
4190982.34 41.82388 (17021601)
654674.53 4190998.54 44.34056 (17031102) 654633.39

4191014.73   46.12969 (17121401)
        654592.24   4191030.93   46.09614 (17121401)   654551.10
4191047.13   44.42699 (17123005)
        654509.95   4191063.32   47.22810 (17123005)   654468.81
4191079.52   44.71656 (17013124)
        654427.66   4191095.72   48.53347 (17120207)   654386.52
4191111.91   48.90218 (17120207)
        654345.37   4191128.11   45.35667 (17012905)   654304.23
4191144.30   43.05698 (17012905)
        654263.08   4191160.50   40.87634 (17030903)   654221.94
4191176.70   39.77467 (16120522)
        654180.79   4191192.89   40.49995 (16010408)   654139.65
4191209.09   39.88905 (13121321)
        654098.50   4191225.29   48.68132 (14012409)   654057.36
4191241.48   56.30796 (14012409)
        654016.21   4191257.68   58.25870 (14012409)   653975.07
4191273.87   54.00989 (14012409)
        653933.92   4191290.07   44.94430 (14012409)   653892.78
4191306.27   44.33963 (17012720)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

657564.69 4188441.16 34.11988 (13122804) 657545.54
4188481.24 34.15043 (15022706)
657526.39 4188521.31 34.17827 (15022706) 657507.24
4188561.39 33.48215 (16011018)
657488.09 4188601.46 33.50701 (15122502) 657468.94
4188641.54 33.83398 (15122502)
657449.79 4188681.61 35.38611 (16120418) 657430.64
4188721.69 42.82158 (13121709)
657411.49 4188761.76 51.69871 (13121709) 657392.34
4188801.84 55.79638 (13121709)
657373.19 4188841.91 53.73958 (13121709) 657354.04
4188881.99 46.13820 (13121709)
657334.89 4188922.06 35.40790 (15121621) 657315.74
4188962.14 35.61515 (13020204)
657296.59 4189002.22 36.06786 (13020204) 657277.44
4189042.29 36.89207 (15010317)
657258.29 4189082.37 35.91475 (15010317) 657239.14
4189122.44 34.81691 (15010318)
657219.99 4189162.52 36.45459 (15010318) 657200.84
4189202.59 36.28412 (14010220)
657181.69 4189242.67 36.32587 (14010220) 657162.55
4189282.74 36.14095 (13011303)
657143.40 4189322.82 36.53678 (14022106) 657124.25
4189362.89 36.26174 (14022106)
657105.10 4189402.97 36.21570 (13011307) 657085.95
4189443.04 36.57154 (16120603)
657066.80 4189483.12 36.14387 (14022307) 657047.65
4189523.19 36.73372 (14022307)
657028.50 4189563.27 36.22268 (14122608) 657009.35
4189603.34 35.86120 (14022207)
656990.20 4189643.42 36.11740 (14022207) 656971.05
4189683.49 37.01707 (17120617)
656951.90 4189723.57 35.67787 (17120617) 656932.75
4189763.65 37.92014 (13103008)
656913.60 4189803.72 54.11450 (13103008) 656894.45
4189843.80 69.33495 (13103008)
656875.30 4189883.87 79.76855 (13103008) 656856.15
4189923.95 82.45276 (13103008)
656837.00 4189964.02 76.63105 (13103008) 656817.85
4190004.10 64.08659 (13103008)
656798.70 4190044.17 48.26846 (13103008) 656779.55
4190084.25 40.19088 (17123020)
656760.41 4190124.32 39.12941 (17123020) 656741.26
4190164.40 35.23017 (13020618)
656722.11 4190204.47 34.79117 (16020806) 656702.96
4190244.55 34.37178 (13121217)
656683.81 4190284.62 42.92995 (13121109) 656664.66
4190324.70 55.27328 (13121109)
656645.51 4190364.77 66.46733 (13121109) 656626.36
4190404.85 74.68808 (13121109)

656607.21 4190444.92 78.46205 (13121109) 656588.06
4190485.00 77.15309 (13121109)
656568.91 4190525.08 71.07050 (13121109) 656549.76
4190565.15 61.39834 (13121109)
656530.61 4190605.23 49.80627 (13121109) 656511.46
4190645.30 37.99697 (13121109)
656492.31 4190685.38 34.80590 (17120205) 656473.16
4190725.45 45.20671 (13121809)
656454.01 4190765.53 55.40850 (13121809) 656414.20
4190813.74 64.04353 (13121809)
656372.87 4190830.01 63.63232 (13121809) 656331.54
4190846.27 57.98015 (13121809)
656290.21 4190862.54 48.38386 (13121809) 656248.88
4190878.81 36.93943 (13121809)
656207.56 4190895.08 32.03045 (16012704) 656166.23
4190911.35 33.50320 (17031023)
656124.90 4190927.62 36.48907 (17012601) 656083.57
4190943.89 39.08645 (17012601)
656042.24 4190960.15 38.92881 (17012601) 656000.91
4190976.42 36.01289 (17012601)
655959.58 4190992.69 36.70468 (17022604) 655918.25
4191008.96 36.70827 (17022604)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655876.93	4191025.23	37.92942	(17022706)	655835.60	4191041.50	36.77920	(17022706)
655794.27	4191057.77	36.63812	(17022324)	655752.94	4191074.03	35.60553	(17011608)
655711.61	4191090.30	38.93164	(17011608)	655670.28			

4191106.57 38.99072 (17021405)
655628.95 4191122.84 40.35574 (17021405) 655587.62
4191139.11 38.74689 (17021405)
655546.30 4191155.38 34.56036 (13122708) 655504.97
4191171.65 36.88144 (17121904)
655463.64 4191187.91 39.80246 (17121904) 655422.31
4191204.18 39.09393 (17121904)
655380.98 4191220.45 36.58932 (17031322) 655339.65
4191236.72 35.68572 (15012109)
655298.32 4191252.99 35.80339 (17122223) 655257.00
4191269.26 36.09336 (17122223)
655215.67 4191285.53 35.61928 (17041006) 655174.34
4191301.80 34.50638 (17041006)
655133.01 4191318.06 37.92141 (17120204) 655091.68
4191334.33 39.42645 (17120204)
655050.35 4191350.60 38.56480 (17022508) 655009.02
4191366.87 38.11342 (17022508)
654967.69 4191383.14 35.28777 (17022508) 654926.37
4191399.41 34.06475 (16020603)
654885.04 4191415.68 33.82332 (15011408) 654843.71
4191431.94 35.22146 (17021601)
654802.38 4191448.21 36.79276 (17013110) 654761.05
4191464.48 37.98916 (17121401)
654719.72 4191480.75 37.88172 (17121401) 654678.39
4191497.02 35.62208 (17123005)
654637.06 4191513.29 38.69695 (17123005) 654595.74
4191529.56 38.14886 (17123005)
654554.41 4191545.82 37.93066 (17120207) 654513.08
4191562.09 40.53044 (17120207)
654471.75 4191578.36 39.70328 (17120207) 654430.42
4191594.63 37.17661 (17012905)
654389.09 4191610.90 35.29466 (17012905) 654347.76
4191627.17 33.98824 (17030903)
654306.43 4191643.44 33.04386 (16120522) 654265.11
4191659.71 33.34181 (16010408)
654223.78 4191675.97 32.63414 (16010408) 654182.45
4191692.24 36.53526 (14012409)
654141.12 4191708.51 45.27862 (14012409) 654099.79
4191724.78 51.08344 (14012409)
654058.46 4191741.05 52.54090 (14012409) 654017.13
4191757.32 49.31447 (14012409)
653975.80 4191773.59 42.29075 (14012409) 653934.48
4191789.85 35.02719 (17012720)
653893.15 4191806.12 37.30352 (17012720) 653851.82
4191822.39 37.26128 (17012720)
657652.43 4188238.61 34.30621 (15012910) 657655.58
4188194.19 34.24848 (14022208)
657658.73 4188149.77 34.34232 (14022208) 653819.03
4187852.62 3437.67326 (17120120)
653794.25 4187851.96 3855.78477 (17012903) 653769.47

4187851.29   4023.65185 (17122701)
        653744.69   4187850.63   3931.89563 (15011509)   653719.92
4187849.97   4195.32923 (17011609)
        653695.14   4187849.31   3663.96187 (14021105)   653837.55
4187835.82   2792.67544 (17011508)
        653794.92   4187826.97   3259.63108 (17122920)   653770.14
4187826.30   3322.98016 (17013024)
        653745.36   4187825.64   3230.36480 (15011509)   653720.58
4187824.98   3354.76892 (17011609)
        653695.81   4187824.32   2990.07683 (15012509)   653838.21
4187810.83   2480.29918 (17120120)
        653880.33   4187845.79   2620.59814 (17122320)   653795.59
4187801.97   2681.30553 (17012804)
        653770.81   4187801.31   2699.86143 (17013024)   653746.03
4187800.65   2698.95475 (17123009)
        653721.25   4187799.99   2691.86037 (17122820)   653696.47
4187799.33   2572.47004 (15010901)
        653838.88   4187785.84   2321.75220 (17020801)   653874.58
4187802.23   2101.64884 (17012908)
        653898.85   4187828.99   2227.44966 (17122320)   653796.25
4187776.98   2248.90912 (17122701)
        653771.47   4187776.32   2367.76399 (17122917)   653746.70
4187775.66   2305.45589 (17123009)
        653721.92   4187775.00   2281.70302 (17122820)   653697.14
4187774.34   2202.95819 (14021521)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        653886.63   4187757.17     1691.50486  (17120120)              653908.05
4187767.00     1659.10156  (17012908)
        653937.17   4187799.11     1725.16373  (17122320)              653944.87
4187821.39     1788.69794  (17121320)
        653952.58   4187843.66     1962.08698  (17011509)              653960.28
4187865.94     1576.74216  (17122619)
        653822.37   4187727.66     1775.03202  (17012804)              653797.59
4187727.00     1807.20683  (17013024)
        653772.81   4187726.34     1901.04984  (17122917)              653748.03
4187725.68     1785.36326  (17011719)
        653723.25   4187725.02     1806.30649  (17123009)              653698.48
4187724.35     1841.84460  (17011609)
        653844.10   4187687.05     1474.01920  (17122620)              653884.90
4187705.78     1490.57069  (17020801)
        653905.30   4187715.15     1387.56592  (17120120)              653946.10
4187733.88     1344.02243  (17012908)
        653973.84   4187764.46     1346.15635  (17122320)              653988.51
4187806.89     1595.10242  (17011509)
        654003.19   4187849.32     1242.86879  (17122619)              653798.92
4187677.02     1417.15851  (17013024)
        653774.15   4187676.36     1494.52126  (17122917)              653749.37
4187675.70     1456.84280  (17011719)
        653724.59   4187675.03     1517.14307  (17123009)              653699.81
4187674.37     1455.29114  (17011609)
        653847.35   4187637.94     1205.75495  (17122319)              653869.66
4187648.19     1247.87293  (17122920)
        653891.97   4187658.43     1187.84584  (17012903)              653914.29
4187668.68     1209.80949  (17020801)
        653936.60   4187678.92     1164.52633  (17120120)              653958.91
4187689.17     1069.21725  (17011508)
        653981.23   4187699.41     1099.55161  (17012908)              654011.56
4187732.86     1108.67291  (17122320)
        654019.59   4187756.06     1173.42397  (17121219)              654027.61
4187779.26     1279.68800  (17011509)
        654035.64   4187802.47     1190.92603  (17011509)              654043.66
4187825.67     1023.21746  (17122619)
        654051.69   4187848.88     1011.29510  (17020824)              654059.71
4187872.08      987.71032  (17011303)
        653825.04   4187627.70     1180.10584  (17013024)              653800.26
4187627.04     1174.84775  (17122917)
        653775.48   4187626.38     1158.26602  (17122917)              653750.70
4187625.71     1211.42391  (17011719)
        653725.92   4187625.05     1288.20304  (17123009)              653701.15
4187624.39     1139.66160  (17122820)
        653847.79   4187587.55     1029.70865  (17012520)              653869.21
4187597.39     1048.50957  (17012804)
        653890.63   4187607.22     1059.74419  (17122920)              653912.05
4187617.06     1014.03131  (17012903)
        653933.47   4187626.89     1055.83602  (17020801)              653954.89
4187636.72      961.88197  (17120120)
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653976.31 4187646.56 922.45172 (17011508) 653997.73
4187656.39 905.09409 (17012908)
654019.15 4187666.23 889.34801 (17012908) 654048.28
4187698.34 909.27893 (17122320)
654055.98 4187720.61 945.49925 (17121219) 654063.68
4187742.89 998.35342 (17121320)
654071.39 4187765.16 1128.19564 (17011509) 654079.09
4187787.44 860.32002 (17011509)
654086.80 4187809.72 861.34993 (17122619) 654094.50
4187831.99 848.12240 (17020824)
654102.20 4187854.27 819.58556 (17011303) 654109.91
4187876.54 837.28636 (17121319)
653826.37 4187577.72 1003.28145 (17013024) 653801.59
4187577.06 1050.72900 (17122917)
653776.82 4187576.39 956.23676 (17120822) 653752.04
4187575.73 1026.40045 (17011719)
653727.26 4187575.07 1106.78773 (17123009) 653702.48
4187574.41 967.80322 (17122820)
653848.53 4187537.30 871.97543 (17013024) 653869.36
4187546.86 857.85321 (17122319)
653890.18 4187556.42 897.11050 (17012804) 653911.01
4187565.98 909.61724 (17122920)
653931.83 4187575.54 880.77567 (17012903) 653952.66
4187585.10 916.74747 (17020801)
653973.48 4187594.66 782.32261 (17011208) 653994.31
4187604.23 844.07856 (17120120)
654015.13 4187613.79 800.37765 (17011508) 654035.96
4187623.35 815.57305 (17012908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- -

654056.78	4187632.91	749.13278	(17120121)	654085.10	4187664.13
760.04003	(17122320)				
654092.59	4187685.79	815.87081	(17122320)	654100.08	4187707.44
844.89154	(17121219)				
654107.57	4187729.10	923.48176	(17011509)	654115.06	4187750.76
921.16609	(17011509)				
654122.55	4187772.41	651.02286	(17012523)	654130.04	4187794.07
732.85402	(17122619)				
654137.53	4187815.73	725.83068	(17020824)	654145.02	4187837.38
684.05781	(17011303)				
654152.51	4187859.04	694.36833	(17121319)	654159.99	4187880.70
702.34038	(17010504)				
653827.71	4187527.73	793.36970	(17013024)	653802.93	4187527.07
911.46345	(17122917)				
653778.15	4187526.41	798.31297	(17120822)	653753.37	4187525.75
883.61524	(17011719)				
653728.60	4187525.09	961.73398	(17123009)	653703.82	4187524.42
815.51480	(17122820)				
653851.80	4187437.61	641.74007	(17013024)	653873.22	4187447.44
675.75841	(17012520)				
653894.64	4187457.27	664.58907	(17012520)	653916.06	4187467.11
709.89779	(17012804)				
653937.48	4187476.94	713.80178	(17122518)	653958.90	4187486.78
679.26714	(17012903)				
653980.32	4187496.61	648.63240	(17012903)	654001.74	4187506.45
712.88762	(17020801)				
654023.16	4187516.28	601.15103	(17011208)	654044.58	4187526.12
663.73805	(17120120)				
654066.00	4187535.95	627.33237	(17011508)	654087.42	4187545.79
578.00601	(17012908)				
654108.84	4187555.62	630.66940	(17012908)	654130.26	4187565.45
568.48500	(17120121)				
654159.38	4187597.57	565.87807	(17122320)	654167.09	4187619.84
639.16041	(17122320)				
654174.79	4187642.12	654.64617	(17121219)	654182.49	4187664.39
660.67923	(17121320)				
654190.20	4187686.67	738.74936	(17011509)	654197.90	4187708.94
673.77080	(17011509)				
654205.61	4187731.22	494.93055	(17012523)	654213.31	4187753.49
565.85959	(17122619)				
654221.01	4187775.77	534.68732	(17121906)	654228.72	4187798.04
531.21039	(17020824)				
654236.42	4187820.32	543.74351	(17011303)	654244.12	4187842.59
546.25175	(17121319)				
654251.83	4187864.87	537.45948	(17010504)	654259.53	4187887.15
556.35924	(17122519)				
653830.38	4187427.77	675.80551	(17122917)	653805.60	4187427.11
657.93810	(17122917)				
653780.82	4187426.45	617.36076	(15011509)	653756.04	

4187425.78   680.64396 (17011719)
        653731.27   4187425.12   747.94544 (17123009)   653706.49
4187424.46   601.98941 (17012904)
        653854.87   4187337.82   512.60851 (17122917)   653876.68
4187347.84   534.29246 (17013024)
        653898.50   4187357.86   549.24890 (17012520)   653920.32
4187367.87   542.92980 (17012520)
        653942.13   4187377.89   567.62628 (17012804)   653963.95
4187387.91   578.95935 (17122518)
        653985.77   4187397.92   568.43896 (17122920)   654007.58
4187407.94   560.16502 (17012903)
        654029.40   4187417.96   526.73863 (17020801)   654051.22
4187427.97   571.92061 (17020801)
        654073.03   4187437.99   481.31577 (17011208)   654094.85
4187448.01   536.48343 (17120120)
        654116.67   4187458.02   491.18519 (17011508)   654138.48
4187468.04   484.08643 (17011508)
        654160.30   4187478.06   502.90458 (17012908)   654182.12
4187488.07   486.42167 (17012908)
        654203.93   4187498.09   441.79473 (17120121)   654233.60
4187530.80   438.73128 (17122320)
        654241.44   4187553.48   512.93793 (17122320)   654249.29
4187576.17   503.45474 (17121219)
        654257.14   4187598.86   515.03455 (17121219)   654264.98
4187621.55   530.14129 (17011509)
        654272.83   4187644.23   595.82486 (17011509)   654280.68
4187666.92   513.95866 (17011509)
        654288.52   4187689.61   394.46861 (17012523)   654296.37
4187712.30   452.14088 (17122619)
        654304.21   4187734.99   432.38799 (17121906)   654312.06
4187757.67   445.20089 (17020824)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654319.91	4187780.36	407.02192	(17011303)	654327.75	4187803.05	426.90471	(17011303)
654335.60	4187825.74	438.96470	(17121319)	654343.45	4187848.43	429.01349	(17010504)
654351.29	4187871.11	442.03223	(17122519)	654359.14	4187893.80	429.30041	(17122719)
653833.05	4187327.81	557.14697	(17122917)	653808.27	4187327.14	502.00015	(17120822)
653783.49	4187326.48	499.44966	(15011509)	653758.72	4187325.82	545.59988	(17011719)
653733.94	4187325.16	601.00402	(17123009)	653709.16	4187324.50	502.98990	(17123009)
653857.82	4187237.99	461.67487	(17122917)	653879.92	4187248.14	407.98452	(17011203)
653902.02	4187258.28	453.13400	(17013024)	653924.12	4187268.43	459.15747	(17012520)
653946.22	4187278.58	454.13568	(17012520)	653968.32	4187288.72	472.02176	(17122319)
653990.42	4187298.87	465.04718	(17122518)	654012.52	4187309.02	482.70044	(17122920)
654034.62	4187319.16	447.78003	(17012903)	654056.72	4187329.31	455.11317	(17012903)
654078.82	4187339.46	456.47543	(17020801)	654100.92	4187349.60	469.64252	(17020801)
654123.02	4187359.75	397.00002	(17011208)	654145.12	4187369.90	443.36120	(17120120)
654167.22	4187380.04	410.62017	(17120120)	654189.32	4187390.19	418.84147	(17011508)
654211.42	4187400.34	382.38662	(17012908)	654233.52	4187410.48	424.50514	(17012908)
654255.62	4187420.63	388.34107	(17120121)	654277.72	4187430.78	350.65734	(17120121)
654307.77	4187463.91	350.60634	(17122320)	654315.72	4187486.89	419.69153	(17122320)
654323.67	4187509.87	404.01000	(17122320)	654331.62	4187532.86	436.22151	(17121219)
654339.56	4187555.84	437.68314	(17121320)	654347.51	4187578.82	466.82613	(17011509)
654355.46	4187601.80	486.79775	(17011509)	654363.41	4187624.79	405.00028	(17011509)
654371.36	4187647.77	324.87218	(17012523)	654379.30	4187670.75	370.18534	(17122619)
654387.25	4187693.73	353.35334	(17121906)	654395.20	4187716.72	363.86150	(17020824)
654403.15	4187739.70	345.64437	(17020824)	654411.10	4187762.68	354.18222	(17011303)

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        654419.04   4187785.66      337.14655  (17011303)                654426.99
4187808.65      360.62864  (17121319)
        654434.94   4187831.63      353.38633  (17010504)                654442.89
4187854.61      361.10056  (17122519)
        654450.84   4187877.59      352.59294  (17122519)                654458.79
4187900.58      343.08207  (17122719)
        653835.72   4187227.84      438.30613  (17122917)                653810.94
4187227.18      400.59837  (17120822)
        653786.16   4187226.52      412.11789  (15011509)                653761.39
4187225.86      450.44690  (17011719)
        653736.61   4187225.19      495.54087  (17123009)                653711.83
4187224.53      439.99329  (17123009)
        653860.70   4187138.12      392.16798  (17122917)                653883.02
4187148.37      375.91873  (17122917)
        653905.33   4187158.61      333.24429  (17013024)                653927.64
4187168.86      389.56496  (17013024)
        653949.95   4187179.10      391.98893  (17012520)                653972.27
4187189.34      387.18642  (17012520)
        653994.58   4187199.59      399.78055  (17122319)                654016.89
4187209.83      403.43372  (17012804)
        654039.20   4187220.08      410.82518  (17122518)                654061.52
4187230.32      396.70060  (17122920)
        654083.83   4187240.57      393.69940  (17012903)                654106.14
4187250.81      367.44232  (17012903)
        654128.45   4187261.05      397.74682  (17020801)                654150.77
4187271.30      392.85031  (17020801)
        654173.08   4187281.54      334.96036  (17011208)                654195.39
4187291.79      373.18332  (17120120)
        654217.71   4187302.03      360.44660  (17120120)                654240.02
4187312.28      356.90798  (17011508)
        654262.33   4187322.52      326.97172  (17011508)                654284.64
4187332.77      349.18192  (17012908)
        654306.96   4187343.01      353.24869  (17012908)                654329.27
4187353.25      328.72269  (17120121)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***       07:02:13

                                  PAGE 740
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654351.58	4187363.50	283.49201	(17120121)	654381.92	4187396.95	290.23478	(17012607)
654389.94	4187420.15	349.02661	(17122320)	654397.97	4187443.35	352.47009	(17122320)
654405.99	4187466.56	362.16048	(17121219)	654414.02	4187489.76	356.78637	(17121219)
654422.04	4187512.96	365.40352	(17121320)	654430.07	4187536.17	408.24267	(17011509)
654438.09	4187559.37	403.11341	(17011509)	654446.11	4187582.57	327.43794	(17011509)
654454.14	4187605.78	274.15065	(17012523)	654462.16	4187628.98	308.84873	(17122619)
654470.19	4187652.19	306.60894	(17122619)	654478.21	4187675.39	296.64757	(17121906)
654486.24	4187698.59	308.15213	(17020824)	654494.26	4187721.80	272.38029	(17011303)
654502.29	4187745.00	302.78471	(17011303)	654510.31	4187768.20	290.83111	(17121319)
654518.34	4187791.41	302.07448	(17121319)	654526.36	4187814.61	298.11225	(17010504)
654534.39	4187837.81	301.20801	(17122519)	654542.41	4187861.02	304.09098	(17122519)
654550.43	4187884.22	297.75163	(17122719)	654558.46	4187907.43	279.34258	(17122621)
653838.39	4187127.88	352.92003	(15041307)	653813.61	4187127.22	361.26588	(15041307)
653788.83	4187126.55	345.90914	(15011509)	653764.06	4187125.89	380.37576	(17011719)
653739.28	4187125.23	417.05043	(17123009)	653714.50	4187124.57	386.37185	(17123009)
653863.54	4187038.23	322.63418	(17122917)	653886.02	4187048.55	340.40883	(17122917)
653908.50	4187058.87	308.55320	(17011203)	653930.97	4187069.19	302.56797	(17013024)
653953.45	4187079.51	338.55189	(17013024)	653975.93	4187089.83	340.10743	(17012520)
653998.41	4187100.16	335.31225	(17012520)	654020.88	4187110.48	342.47236	(17122319)
654043.36	4187120.80	351.42805	(17012804)	654065.84	4187131.12	353.37357	(17122518)
654088.32	4187141.44	353.60851	(17122920)	654110.80	4187151.76	323.68742	(17012903)
654133.27	4187162.08	338.93518	(17012903)	654155.75			

4187172.40   298.06198 (17020801)
        654178.23   4187182.72   348.60836 (17020801)   654200.71
4187193.04   333.66353 (17020801)
        654223.19   4187203.36   287.71899 (17011208)   654245.66
4187213.68   318.93517 (17120120)
        654268.14   4187224.00   318.04563 (17120120)   654290.62
4187234.32   302.06540 (17011508)
        654313.10   4187244.64   299.49274 (17011508)   654335.58
4187254.96   277.22280 (17012908)
        654358.05   4187265.28   309.78999 (17012908)   654380.53
4187275.60   292.39650 (17012908)
        654403.01   4187285.92   279.22635 (17120121)   654425.49
4187296.24   246.14670 (17013019)
        654456.05   4187329.94   249.04912 (17012607)   654464.13
4187353.31   294.32126 (17122320)
        654472.22   4187376.69   308.08917 (17122320)   654480.30
4187400.06   297.92050 (17121219)
        654488.38   4187423.44   317.04967 (17121219)   654496.47
4187446.81   317.81907 (17121320)
        654504.55   4187470.19   318.15604 (17011509)   654512.64
4187493.56   356.57148 (17011509)
        654520.72   4187516.94   338.07135 (17011509)   654528.81
4187540.32   270.08991 (17011509)
        654536.89   4187563.69   235.71257 (17012523)   654544.97
4187587.07   261.64507 (17122619)
        654553.06   4187610.44   268.52241 (17122619)   654561.14
4187633.82   258.50270 (17121906)
        654569.23   4187657.19   266.73932 (17020824)   654577.31
4187680.57   249.37228 (17020824)
        654585.39   4187703.94   250.11799 (17011303)   654593.48
4187727.32   257.20189 (17011303)
        654601.56   4187750.69   255.95899 (17121319)   654609.65
4187774.07   257.23607 (17121319)
        654617.73   4187797.45   256.21393 (17010504)   654625.81
4187820.82   255.44706 (17122519)
        654633.90   4187844.20   264.73089 (17122519)   654641.98
4187867.57   257.85105 (17122719)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654650.07	4187890.95	237.52013	(17122719)	654658.15	4187914.32	244.79494	(17122621)
653841.06	4187027.91	336.11091	(15041307)	653816.28	4187027.25	325.64944	(15041307)
653791.51	4187026.59	297.44221	(17011719)	653766.73	4187025.93	326.99586	(17011719)
653741.95	4187025.27	356.88270	(17123009)	653717.17	4187024.60	341.20161	(17123009)
653870.18	4186788.31	284.87851	(15041307)	653892.62	4186798.61	257.09438	(15041307)
653915.06	4186808.91	249.51242	(17122917)	653937.50	4186819.21	240.23209	(17122917)
653959.94	4186829.52	218.80423	(17011203)	653982.38	4186839.82	219.96710	(17013024)
654004.82	4186850.12	246.20725	(17013024)	654027.26	4186860.43	242.11205	(17013024)
654049.70	4186870.73	253.82173	(17012520)	654072.14	4186881.03	239.72166	(17012920)
654094.58	4186891.33	251.20596	(17122319)	654117.02	4186901.64	256.94304	(17012804)
654139.46	4186911.94	248.01220	(17122518)	654161.90	4186922.24	259.93815	(17122518)
654184.34	4186932.55	256.45110	(17122920)	654206.78	4186942.85	234.37620	(17012903)
654229.22	4186953.15	249.33647	(17012903)	654251.66	4186963.45	232.56471	(17012903)
654274.10	4186973.76	233.59809	(17020801)	654296.54	4186984.06	256.95939	(17020801)
654318.98	4186994.36	244.19173	(17020801)	654341.42	4187004.67	213.16632	(17121708)
654363.86	4187014.97	220.33814	(17011208)	654386.30	4187025.27	238.17823	(17120120)
654408.74	4187035.58	227.98615	(17120120)	654431.18	4187045.88	218.44452	(17011508)
654453.62	4187056.18	224.15985	(17011508)	654476.06	4187066.48	198.19108	(17011508)
654498.50	4187076.79	211.43067	(17012908)	654520.94	4187087.09	226.80555	(17012908)
654543.38	4187097.39	215.21961	(17012908)	654565.82	4187107.70	207.80188	(17120121)

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        654588.26   4187118.00      198.07930  (15030608)               654610.70
4187128.30      185.25305  (17013019)
        654641.21   4187161.94      179.44549  (17012607)               654649.28
4187185.28      200.91796  (17122320)
        654657.35   4187208.61      223.38750  (17122320)               654665.42
4187231.95      220.41073  (17122320)
        654673.49   4187255.29      216.86344  (17121219)               654681.57
4187278.62      231.45728  (17121219)
        654689.64   4187301.96      224.59189  (17121320)               654697.71
4187325.29      231.15274  (17121320)
        654705.78   4187348.63      237.89475  (17011509)               654713.85
4187371.97      259.31310  (17011509)
        654721.92   4187395.30      250.36654  (17011509)               654729.99
4187418.64      213.63416  (17011509)
        654738.06   4187441.97      183.51310  (17012523)               654746.13
4187465.31      169.90255  (17030702)
        654754.20   4187488.65      188.69119  (17122619)               654762.27
4187511.98      197.14389  (17122619)
        654770.34   4187535.32      186.04941  (17121906)               654778.41
4187558.66      184.55380  (17121906)
        654786.48   4187581.99      194.43615  (17020824)               654794.55
4187605.33      181.44848  (17020824)
        654802.62   4187628.66      172.58425  (17011303)               654810.69
4187652.00      189.07927  (17011303)
        654818.76   4187675.34      179.97461  (17011303)               654826.83
4187698.67      187.47174  (17121319)
        654834.90   4187722.01      188.10063  (17121319)               654842.97
4187745.35      186.81524  (17010504)
        654851.04   4187768.68      177.41730  (17010504)               654859.11
4187792.02      190.19095  (17122519)
        654867.19   4187815.35      191.22907  (17122519)               654875.26
4187838.69      186.88678  (17122719)
        654883.33   4187862.03      179.91498  (17122719)               654891.40
4187885.36      173.53878  (17122621)
        654899.47   4187908.70      176.73582  (17122621)               654907.54
4187932.03      163.84707  (17122621)
        653847.74   4186778.00      282.83624  (15041307)               653822.96
4186777.34      251.23056  (15041307)
        653798.18   4186776.68      224.30104  (17011719)               653773.40
4186776.02      237.28976  (17011719)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 742
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
```

INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653748.63	4186775.35	255.38358	(17123009)	653723.85	4186774.69	256.74355	(17123009)
653876.83	4186538.38	249.87543	(15041307)	653899.25	4186548.68	247.83195	(15041307)
653921.66	4186558.97	225.85882	(15041307)	653944.08	4186569.26	190.78938	(17122917)
653966.50	4186579.55	192.08605	(17122917)	653988.91	4186589.84	176.87681	(17011203)
654011.33	4186600.14	163.65724	(17011203)	654033.75	4186610.43	169.08111	(17013024)
654056.16	4186620.72	188.93223	(17013024)	654078.58	4186631.01	191.02139	(17013024)
654101.00	4186641.30	193.32163	(17012520)	654123.41	4186651.60	194.84703	(17012520)
654145.83	4186661.89	184.15064	(17012920)	654168.25	4186672.18	194.79232	(17122319)
654190.66	4186682.47	197.61926	(17012804)	654213.08	4186692.76	196.27393	(17012804)
654235.49	4186703.06	200.62493	(17122518)	654257.91	4186713.35	199.98859	(17122920)
654280.33	4186723.64	195.98998	(17122920)	654302.74	4186733.93	179.71130	(17012903)
654325.16	4186744.22	192.71778	(17012903)	654347.58	4186754.52	186.66067	(17012903)
654369.99	4186764.81	163.33391	(17012903)	654392.41	4186775.10	188.00178	(17020801)
654414.83	4186785.39	199.45039	(17020801)	654437.24	4186795.68	188.97431	(17020801)
654459.66	4186805.98	167.99917	(17121708)	654482.07	4186816.27	165.56967	(17011208)
654504.49	4186826.56	177.09974	(17120120)	654526.91	4186836.85	184.77288	(17120120)
654549.32	4186847.14	173.00526	(17120120)	654571.74	4186857.44	167.23335	(17011508)
654594.16	4186867.73	174.91670	(17011508)	654616.57	4186878.02	162.97159	(17011508)
654638.99	4186888.31	145.30683	(17012908)	654661.41			

4186898.60   167.56378 (17012908)
        654683.82   4186908.90   175.47281 (17012908)   654706.24
4186919.19   167.18073 (17012908)
        654728.66   4186929.48   161.24589 (15030608)   654751.07
4186939.77   174.09903 (15030608)
        654773.49   4186950.06   169.33415 (15030608)   654795.90
4186960.36   148.73295 (15030608)
        654826.38   4186993.96   137.09814 (15021508)   654834.44
4187017.27   144.85104 (17122320)
        654842.51   4187040.58   166.15565 (17122320)   654850.57
4187063.89   174.06150 (17122320)
        654858.63   4187087.21   166.13008 (17122320)   654866.69
4187110.52   167.16308 (17121219)
        654874.75   4187133.83   178.48885 (17121219)   654882.82
4187157.14   172.67207 (17121219)
        654890.88   4187180.45   179.12101 (17121320)   654898.94
4187203.76   173.82346 (17121320)
        654907.00   4187227.08   186.58651 (17011509)   654915.06
4187250.39   199.92744 (17011509)
        654923.13   4187273.70   195.10380 (17011509)   654931.19
4187297.01   173.16671 (17011509)
        654939.25   4187320.32   142.64028 (17012523)   654947.31
4187343.63   137.84587 (17012523)
        654955.37   4187366.94   131.87885 (17022307)   654963.43
4187390.26   144.46149 (17122619)
        654971.50   4187413.57   152.30111 (17122619)   654979.56
4187436.88   145.61179 (17122619)
        654987.62   4187460.19   144.83271 (17121906)   654995.68
4187483.50   144.36391 (17020824)
        655003.74   4187506.81   149.84425 (17020824)   655011.81
4187530.13   139.85342 (17020824)
        655019.87   4187553.44   126.96701 (15120621)   655027.93
4187576.75   142.76792 (17011303)
        655035.99   4187600.06   145.13506 (17011303)   655044.05
4187623.37   132.46748 (17011303)
        655052.12   4187646.68   145.23271 (17121319)   655060.18
4187669.99   145.56238 (17121319)
        655068.24   4187693.31   142.68783 (17010504)   655076.30
4187716.62   141.95759 (17010504)
        655084.36   4187739.93   136.58712 (17122519)   655092.43
4187763.24   148.30776 (17122519)
        655100.49   4187786.55   146.63164 (17122519)   655108.55
4187809.86   143.54810 (17122719)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655116.61	4187833.17	141.73735	(17122719)	655124.67	4187856.49	127.42400	(17122621)
655132.73	4187879.80	136.00495	(17122621)	655140.80	4187903.11	134.89888	(17122621)
655148.86	4187926.42	134.58188	(16122009)	655156.92	4187949.73	124.33683	(16010203)
653854.42	4186528.09	231.83554	(15041307)	653829.64	4186527.43	196.74060	(15041307)
653804.86	4186526.77	176.57273	(17011719)	653780.08	4186526.11	182.63936	(17011719)
653755.30	4186525.44	193.64463	(17123009)	653730.53	4186524.78	200.22261	(17123009)
653883.49	4186288.47	213.65180	(15041307)	653905.89	4186298.75	224.45401	(15041307)
653928.29	4186309.03	220.48817	(15041307)	653950.69	4186319.32	202.26884	(15041307)
653973.09	4186329.60	173.09582	(15041307)	653995.49	4186339.89	156.06679	(17122917)
654017.89	4186350.17	149.53548	(17122917)	654040.29	4186360.46	139.80274	(17011203)
654062.69	4186370.74	129.36680	(17031604)	654085.09	4186381.03	135.09677	(17013024)
654107.49	4186391.31	150.59635	(17013024)	654129.89	4186401.60	154.90054	(17013024)
654152.29	4186411.88	149.71106	(17012520)	654174.69	4186422.16	158.47402	(17012520)
654197.09	4186432.45	153.57816	(17012520)	654219.49	4186442.73	149.72363	(17011120)
654241.89	4186453.02	156.96347	(17122319)	654264.29	4186463.30	157.79487	(17122319)
654286.69	4186473.59	160.46513	(17012804)	654309.09	4186483.87	156.33743	(17122518)
654331.49	4186494.16	162.98409	(17122518)	654353.90	4186504.44	162.03571	(17122920)

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        654376.30   4186514.73      155.51826  (17122920)                654398.70
4186525.01      143.36579  (17012903)
        654421.10   4186535.29      154.37243  (17012903)                654443.50
4186545.58      153.14849  (17012903)
        654465.90   4186555.86      139.99516  (17012903)                654488.30
4186566.15      136.41619  (17020801)
        654510.70   4186576.43      154.93379  (17020801)                654533.10
4186586.72      160.59701  (17020801)
        654555.50   4186597.00      151.99109  (17020801)                654577.90
4186607.29      136.81441  (17121708)
        654600.30   4186617.57      128.16744  (17011208)                654622.70
4186627.86      137.11924  (17011208)
        654645.10   4186638.14      146.61054  (17120120)                654667.50
4186648.42      147.82449  (17120120)
        654689.90   4186658.71      137.33463  (17011301)                654712.30
4186668.99      133.23013  (17011508)
        654734.70   4186679.28      140.95932  (17011508)                654757.10
4186689.56      135.84400  (17011508)
        654779.50   4186699.85      119.40161  (17011508)                654801.90
4186710.13      122.90420  (17012908)
        654824.30   4186720.42      136.91416  (17012908)                654846.70
4186730.70      141.18648  (17012908)
        654869.10   4186740.99      134.95699  (17012908)                654891.50
4186751.27      138.08206  (15030608)
        654913.90   4186761.55      152.77978  (15030608)                654936.30
4186771.84      155.36484  (15030608)
        654958.70   4186782.12      145.40697  (15030608)                654981.10
4186792.41      125.44789  (15030608)
        655011.55   4186825.99      110.06450  (15021508)                655019.61
4186849.28      114.34732  (17012607)
        655027.67   4186872.58      127.05682  (17122320)                655035.72
4186895.87      137.93850  (17122320)
        655043.78   4186919.17      139.11256  (17122320)                655051.83
4186942.46      130.12126  (17122320)
        655059.89   4186965.76      134.06384  (17121219)                655067.95
4186989.05      143.04403  (17121219)
        655076.00   4187012.34      141.04132  (17121219)                655084.06
4187035.64      141.12981  (17121320)
        655092.12   4187058.93      143.88614  (17121320)                655100.17
4187082.23      134.85550  (14102408)
        655108.23   4187105.52      151.43317  (17011509)                655116.28
4187128.82      160.38744  (17011509)
        655124.34   4187152.11      157.59953  (17011509)                655132.40
4187175.41      143.52797  (17011509)
        655140.45   4187198.70      121.07201  (17011509)                655148.51
4187222.00      114.41634  (17012523)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655156.56	4187245.29	106.92082	(17012523)	655164.62	4187268.58	107.02703	(17022307)
655172.68	4187291.88	115.18809	(17122619)	655180.73	4187315.17	122.01892	(17122619)
655188.79	4187338.47	119.52416	(17122619)	655196.84	4187361.76	115.28975	(17121906)
655204.90	4187385.06	115.09575	(17121906)	655212.96	4187408.35	117.96988	(17020824)
655221.01	4187431.65	120.00805	(17020824)	655229.07	4187454.94	112.11966	(17020824)
655237.12	4187478.24	102.19473	(15120621)	655245.18	4187501.53	110.72298	(17011303)
655253.24	4187524.83	117.20800	(17011303)	655261.29	4187548.12	113.78965	(17011303)
655269.35	4187571.41	107.31804	(17121319)	655277.40	4187594.71	117.02630	(17121319)
655285.46	4187618.00	117.21386	(17121319)	655293.52	4187641.30	112.94098	(17010504)
655301.57	4187664.59	115.63505	(17010504)	655309.63	4187687.89	108.84374	(17010504)
655317.68	4187711.18	113.48596	(17122519)	655325.74	4187734.48	119.68786	(17122519)
655333.80	4187757.77	117.12010	(17122519)	655341.85	4187781.07	114.74268	(17122719)
655349.91	4187804.36	115.07940	(17122719)	655357.96	4187827.65	107.03047	(17122719)
655366.02	4187850.95	105.95721	(17122621)	655374.08	4187874.24	109.87754	(16122009)
655382.13	4187897.54	121.38478	(16122009)	655390.19	4187920.83	119.62434	(16122009)
655398.25	4187944.13	105.91029	(15121209)	655406.30			

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4187967.42      106.42728  (16010203)
        653861.09   4186278.18      190.37131  (15041307)                653836.31
4186277.52      157.24269  (15041307)
        653811.54   4186276.86      143.56917  (17011719)                653786.76
4186276.19      146.36930  (17011719)
        653761.98   4186275.53      152.89158  (17123009)                653737.20
4186274.87      160.80575  (17123009)
        653890.16   4186038.55      180.71368  (15041307)                653912.55
4186048.83      197.11810  (15041307)
        653934.93   4186059.11      203.54523  (15041307)                653957.32
4186069.39      198.75286  (15041307)
        653979.71   4186079.67      183.36102  (15041307)                654002.10
4186089.94      159.70001  (15041307)
        654024.49   4186100.22      131.23514  (15041307)                654046.88
4186110.50      127.46355  (17122917)
        654069.26   4186120.78      118.36265  (17011203)                654091.65
4186131.06      113.08764  (17011203)
        654114.04   4186141.34      107.71110  (17031604)                654136.43
4186151.62      111.07904  (17013024)
        654158.82   4186161.90      123.49384  (17013024)                654181.20
4186172.18      128.44891  (17013024)
        654203.59   4186182.46      124.90400  (17013024)                654225.98
4186192.74      129.05272  (17012520)
        654248.37   4186203.01      131.14372  (17012520)                654270.76
4186213.29      125.07876  (17012920)
        654293.15   4186223.57      124.86772  (17011120)                654315.53
4186233.85      130.11139  (17122319)
        654337.92   4186244.13      131.48394  (17122319)                654360.31
4186254.41      133.73074  (17012804)
        654382.70   4186264.69      127.47163  (17012804)                654405.09
4186274.97      133.88515  (17122518)
        654427.48   4186285.25      133.78343  (17122518)                654449.86
4186295.53      134.06009  (17122920)
        654472.25   4186305.81      126.94303  (17122920)                654494.64
4186316.08      117.72823  (17012903)
        654517.03   4186326.36      127.02324  (17012903)                654539.42
4186336.64      128.05100  (17012903)
        654561.81   4186346.92      120.62833  (17012903)                654584.19
4186357.20      108.28306  (16011007)
        654606.58   4186367.48      118.35317  (17020801)                654628.97
4186377.76      130.26198  (17020801)
        654651.36   4186388.04      132.91426  (17020801)                654673.75
4186398.32      125.77710  (17020801)
        654696.13   4186408.60      114.24738  (17121708)                654718.52
4186418.88      104.63996  (17121708)
        654740.91   4186429.16      111.08852  (17011208)                654763.30
4186439.43      116.05828  (17120120)
        654785.69   4186449.71      122.98222  (17120120)                654808.08
4186459.99      121.20982  (17120120)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                           INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF VOCS   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

655293.35 4186937.41 117.01294 (17121320) 655301.40
4186960.69 125.05810 (14102408)
655309.45 4186983.97 129.68426 (14102408) 655317.51
4187007.25 132.49472 (17011509)
655325.56 4187030.54 130.80163 (17011509) 655333.61
4187053.82 121.27869 (17011509)
655341.66 4187077.10 105.56080 (17011509) 655349.71
4187100.38 94.79484 (17012523)
655357.76 4187123.66 93.10483 (17012523) 655365.82
4187146.95 86.73280 (14042707)
655373.87 4187170.23 89.19488 (17022307) 655381.92
4187193.51 94.63504 (17122619)
655389.97 4187216.79 100.51398 (17122619) 655398.02
4187240.08 100.07674 (17122619)
655406.07 4187263.36 93.37548 (17122619) 655414.13
4187286.64 96.00134 (17121906)
655422.18 4187309.92 93.31666 (17121906) 655430.23
4187333.20 98.59115 (17020824)
655438.28 4187356.49 98.94942 (17020824) 655446.33
4187379.77 92.56569 (17020824)
655454.39 4187403.05 84.49115 (15120621) 655462.44
4187426.33 87.94791 (17011303)
655470.49 4187449.62 95.56850 (17011303) 655478.54
4187472.90 96.67254 (17011303)
655486.59 4187496.18 91.05450 (17011303) 655494.64
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655502.70 4187542.74 96.99720 (17121319) 655510.75
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655518.80 4187589.31 91.83069 (17010504) 655526.85
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655534.90 4187635.87 93.22846 (17010504) 655542.95
4187659.16 87.09195 (17122519)
655551.01 4187682.44 95.84390 (17122519) 655559.06
4187705.72 99.10329 (17122519)
655567.11 4187729.00 96.34170 (17122519) 655575.16
4187752.28 94.41759 (17122719)
655583.21 4187775.57 95.68323 (17122719) 655591.27
4187798.85 91.08671 (17122719)
655599.32 4187822.13 83.87103 (17122621) 655607.37
4187845.41 90.66108 (15121209)
655615.42 4187868.70 102.97178 (16122009) 655623.47
4187891.98 110.52739 (16122009)
655631.52 4187915.26 107.93883 (16122009) 655639.58
4187938.54 96.31594 (15121209)
655647.63 4187961.83 86.19498 (16010203) 655655.68
4187985.11 90.24997 (16010203)
653867.77 4186028.27 157.00433 (15041307) 653842.99
4186027.61 127.85181 (15041307)
653818.21 4186026.95 119.66939 (17011719) 653793.44
4186026.28 120.81524 (17011719)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653903.50	4185538.72	127.32356	(15041307)	653925.87	4185548.99	145.18299	(15041307)
653948.24	4185559.26	159.19381	(15041307)	653970.61	4185569.54	167.77385	(15041307)
653992.98	4185579.81	169.83893	(15041307)	654015.36	4185590.08	164.95641	(15041307)
654037.73	4185600.35	153.69850	(15041307)	654060.10	4185610.62	137.32257	(15041307)
654082.47	4185620.89	117.58524	(15041307)	654104.84	4185631.17	96.49339	(15041307)
654127.22	4185641.44	92.48799	(17122917)	654149.59	4185651.71	86.50926	(17122917)
654171.96	4185661.98	83.91848	(17011203)	654194.33	4185672.25	78.61123	(13022802)
654216.70	4185682.52	78.94469	(17032503)	654239.08	4185692.80	79.82098	(17013024)
654261.45	4185703.07	88.27745	(17013024)	654283.82	4185713.34	93.00127	(17013024)
654306.19	4185723.61	93.29097	(17013024)	654328.57	4185733.88	89.54532	(17011801)
654350.94	4185744.15	94.13556	(17012520)	654373.31	4185754.43	96.01066	(17012520)
654395.68	4185764.70	92.81059	(17012520)	654418.05	4185774.97	90.78741	(17012920)
654440.43	4185785.24	91.75001	(17011120)	654462.80			

4185795.51 94.97257 (17122319)
654485.17 4185805.78 96.56704 (17122319) 654507.54
4185816.06 97.32338 (17012804)
654529.91 4185826.33 96.67796 (17012804) 654552.29
4185836.60 91.42431 (17122518)
654574.66 4185846.87 97.66880 (17122518) 654597.03
4185857.14 98.36121 (17122518)
654619.40 4185867.41 97.90331 (17122920) 654641.78
4185877.69 96.46487 (17122920)
654664.15 4185887.96 89.96276 (17122920) 654686.52
4185898.23 84.50398 (17012903)
654708.89 4185908.50 91.28008 (17012903) 654731.26
4185918.77 93.82874 (17012903)
654753.64 4185929.04 91.78120 (17012903) 654776.01
4185939.32 85.44114 (17012903)
654798.38 4185949.59 78.71825 (16011007) 654820.75
4185959.86 81.67320 (17020801)
654843.12 4185970.13 91.28411 (17020801) 654865.50
4185980.40 96.53255 (17020801)
654887.87 4185990.67 96.59960 (17020801) 654910.24
4186000.95 91.49612 (17020801)
654932.61 4186011.22 84.13481 (17121708) 654954.98
4186021.49 79.16834 (17121708)
654977.36 4186031.76 75.91960 (17011208) 654999.73
4186042.03 81.21861 (17011208)
655022.10 4186052.30 83.31891 (17120120) 655044.47
4186062.58 88.83730 (17120120)
655066.85 4186072.85 89.82840 (17120120) 655089.22
4186083.12 86.17507 (17120120)
655111.59 4186093.39 82.53220 (17011301) 655133.96
4186103.66 78.28269 (17011508)
655156.33 4186113.94 84.04764 (17011508) 655178.71
4186124.21 85.25501 (17011508)
655201.08 4186134.48 81.75106 (17011508) 655223.45
4186144.75 74.14878 (17011508)
655245.82 4186155.02 68.66527 (16021402) 655268.19
4186165.29 72.40371 (17012908)
655290.57 4186175.57 80.05213 (17012908) 655312.94
4186185.84 84.45432 (17012908)
655335.31 4186196.11 85.07279 (17012908) 655357.68
4186206.38 81.86919 (17012908)
655380.06 4186216.65 93.58998 (15030608) 655402.43
4186226.92 107.03673 (15030608)
655424.80 4186237.20 116.19114 (15030608) 655447.17
4186247.47 119.80253 (15030608)
655469.54 4186257.74 117.42747 (15030608) 655491.92
4186268.01 109.50091 (15030608)
655514.29 4186278.28 97.23449 (15030608) 655536.66
4186288.55 82.27193 (15030608)
655567.08 4186322.09 66.01282 (15021508) 655575.12

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655615.35	4186461.68	83.72667	(17122320)	655623.40	4186484.95	79.82058	(17122320)
655631.45	4186508.21	72.67822	(17122320)	655639.49	4186531.48	80.24093	(17121219)
655647.54	4186554.75	85.29507	(17121219)	655655.58	4186578.01	86.47457	(17121219)
655663.63	4186601.28	83.56593	(17121219)	655671.68	4186624.54	83.62109	(17121320)
655679.72	4186647.81	86.89777	(17121320)	655687.77	4186671.07	88.25997	(14102408)
655695.81	4186694.34	101.10076	(14102408)	655703.86	4186717.60	108.65455	(14102408)
655711.91	4186740.87	109.48334	(14102408)	655719.95	4186764.13	103.36511	(14102408)
655728.00	4186787.40	95.53216	(17011509)	655736.04	4186810.67	90.64191	(17011509)
655744.09	4186833.93	82.14362	(17011509)	655752.14	4186857.20	71.08055	(17011509)
655760.18	4186880.46	69.04493	(17012523)	655768.23	4186903.73	68.37357	(17012523)
655776.27	4186926.99	71.00381	(14042707)	655784.32	4186950.26	74.47364	(14042707)

655792.37 4186973.52 74.68966 (14042707) 655800.41
4186996.79 71.60848 (14042707)
655808.46 4187020.06 72.42734 (17122619) 655816.50
4187043.32 73.53725 (17122619)
655824.55 4187066.59 71.22403 (17122619) 655832.60
4187089.85 68.19809 (17121906)
655840.64 4187113.12 69.74685 (17121906) 655848.69
4187136.38 68.45363 (17121906)
655856.73 4187159.65 69.72051 (17020824) 655864.78
4187182.91 72.44985 (17020824)
655872.83 4187206.18 71.53400 (17020824) 655880.87
4187229.44 67.10888 (17020824)
655888.92 4187252.71 61.21318 (15120621) 655896.96
4187275.98 61.09206 (15120621)
655905.01 4187299.24 65.76530 (17011303) 655913.06
4187322.51 69.88443 (17011303)
655921.10 4187345.77 70.49493 (17011303) 655929.15
4187369.04 67.51173 (17011303)
655937.19 4187392.30 61.39468 (17011303) 655945.24
4187415.57 67.27152 (17121319)
655953.29 4187438.83 70.81574 (17121319) 655961.33
4187462.10 70.84300 (17121319)
655969.38 4187485.36 67.36443 (17121319) 655977.42
4187508.63 68.76519 (17010504)
655985.47 4187531.90 69.68649 (17010504) 655993.52
4187555.16 67.14213 (17010504)
656001.56 4187578.43 61.52390 (17010504) 656009.61
4187601.69 67.52724 (17122519)
656017.65 4187624.96 71.29085 (17122519) 656025.70
4187648.22 71.94376 (17122519)
656033.75 4187671.49 69.42549 (17122519) 656041.79
4187694.75 68.04723 (17122719)
656049.84 4187718.02 69.80444 (17122719) 656057.88
4187741.28 68.41188 (17122719)
656065.93 4187764.55 64.08326 (17122719) 656073.98
4187787.82 62.18574 (15121209)
656082.02 4187811.08 73.13143 (15121209) 656090.07
4187834.35 82.04752 (15121209)
656098.11 4187857.61 90.75480 (16122009) 656106.16
4187880.88 93.95857 (16122009)
656114.20 4187904.14 90.78474 (16122009) 656122.25
4187927.41 81.93927 (16122009)
656130.30 4187950.67 73.17028 (15121209) 656138.34
4187973.94 63.99341 (16010203)
656146.39 4187997.20 65.77137 (16010203) 656154.43
4188020.47 65.60815 (13123017)
653881.12 4185528.45 107.47013 (15041307) 653856.35
4185527.79 86.18766 (15041307)
653831.57 4185527.12 87.74283 (17011719) 653806.79
4185526.46 87.51998 (17011719)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654051.01	4185100.49	147.92852	(15041307)	654073.37	4185110.76	143.07114	(15041307)
654095.73	4185121.03	133.99270	(15041307)	654118.09	4185131.30	121.43725	(15041307)
654140.46	4185141.56	106.57444	(15041307)	654162.82	4185151.83	90.49838	(15041307)
654185.18	4185162.10	76.73374	(15011010)	654207.54	4185172.36	71.02833	(17122917)
654229.90	4185182.63	66.84738	(17122917)	654252.26	4185192.90	65.36310	(17011203)
654274.63	4185203.16	62.07804	(17011203)	654296.99	4185213.43	59.90062	(17031604)
654319.35	4185223.70	61.03051	(17032503)	654341.71	4185233.96	61.06803	(15010920)
654364.07	4185244.23	66.83463	(17013024)	654386.43	4185254.50	70.85649	(17013024)
654408.80	4185264.77	72.33064	(17013024)	654431.16	4185275.03	71.07304	(17013024)
654453.52	4185285.30	69.39136	(17011801)	654475.88			

4185295.57 72.63050 (17012520)
654498.24 4185305.83 74.20473 (17012520) 654520.60
4185316.10 72.73511 (17012520)
654542.97 4185326.37 70.83164 (17012920) 654565.33
4185336.63 71.88054 (14090107)
654587.69 4185346.90 73.33773 (14090107) 654610.05
4185357.17 73.33106 (17122319)
654632.41 4185367.43 74.80293 (17122319) 654654.77
4185377.70 74.28941 (17012804)
654677.14 4185387.97 75.54871 (17012804) 654699.50
4185398.23 73.34502 (17012804)
654721.86 4185408.50 77.78120 (13012109) 654744.22
4185418.77 82.96724 (13012109)
654766.58 4185429.04 84.01723 (13012109) 654788.94
4185439.30 80.76397 (13012109)
654811.31 4185449.57 75.56422 (17122920) 654833.67
4185459.84 72.99614 (17122920)
654856.03 4185470.10 67.57802 (17122920) 654878.39
4185480.37 64.26476 (17012903)
654900.75 4185490.64 69.36854 (17012903) 654923.11
4185500.90 72.05808 (17012903)
654945.48 4185511.17 72.03397 (17012903) 654967.84
4185521.44 69.30020 (17012903)
654990.20 4185531.70 64.16674 (17012903) 655012.56
4185541.97 60.56163 (16011007)
655034.92 4185552.24 59.86298 (17020801) 655057.28
4185562.51 67.36564 (17020801)
655079.64 4185572.77 72.62609 (17020801) 655102.01
4185583.04 75.02004 (17020801)
655124.37 4185593.31 74.25592 (17020801) 655146.73
4185603.57 70.44101 (17020801)
655169.09 4185613.84 65.30241 (17121708) 655191.45
4185624.11 62.46161 (17121708)
655213.81 4185634.37 57.73626 (17121708) 655236.18
4185644.64 59.41762 (17011208)
655258.54 4185654.91 62.75587 (17011208) 655280.90
4185665.17 64.07460 (17011208)
655303.26 4185675.44 67.76472 (17120120) 655325.62
4185685.71 69.50781 (17120120)
655347.98 4185695.97 68.44352 (17120120) 655370.35
4185706.24 64.71569 (17120120)
655392.71 4185716.51 63.44808 (17011301) 655415.07
4185726.78 59.55903 (17011301)
655437.43 4185737.04 64.00486 (17011508) 655459.79
4185747.31 65.95663 (17011508)
655482.15 4185757.58 65.06437 (17011508) 655504.52
4185767.84 61.46478 (17011508)
655526.88 4185778.11 55.62542 (17011508) 655549.24
4185788.38 52.94655 (16021402)
655571.60 4185798.64 52.84781 (17012908) 655593.96

4185808.91   58.87215 (17012908)
        655616.32   4185819.18   63.24127 (17012908)   655638.69
4185829.44   65.53078 (17012908)
        655661.05   4185839.71   65.52392 (17012908)   655683.41
4185849.98   63.24533 (17012908)
        655705.77   4185860.25   75.43381 (15030608)   655728.13
4185870.51   86.98972 (15030608)
        655750.49   4185880.78   96.32305 (15030608)   655772.86
4185891.05   102.44705 (15030608)
        655795.22   4185901.31   104.69356 (15030608)   655817.58
4185911.58   102.82742 (15030608)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

656033.94 4186265.22 65.29025 (17121219) 656041.98
4186288.48 66.74289 (17121219)
656050.02 4186311.73 65.75668 (17121219) 656058.06
4186334.99 62.41435 (17121219)
656066.11 4186358.24 65.05148 (17121320) 656074.15
4186381.50 67.05241 (17121320)
656082.19 4186404.75 72.94531 (14102408) 656090.23
4186428.01 83.93691 (14102408)
656098.27 4186451.26 91.91234 (14102408) 656106.32
4186474.51 95.76662 (14102408)
656114.36 4186497.77 94.91900 (14102408) 656122.40
4186521.02 89.45759 (14102408)
656130.44 4186544.28 80.13426 (14102408) 656138.49
4186567.53 70.90517 (17011509)
656146.53 4186590.79 65.84105 (17011509) 656154.57
4186614.04 59.00554 (17011509)
656162.61 4186637.30 51.44133 (17012523) 656170.65
4186660.55 53.26078 (17012523)
656178.70 4186683.81 54.20870 (14042707) 656186.74
4186707.06 59.68645 (14042707)
656194.78 4186730.32 63.50467 (14042707) 656202.82
4186753.57 65.27312 (14042707)
656210.87 4186776.82 64.80703 (14042707) 656218.91
4186800.08 62.14319 (14042707)
656226.95 4186823.33 57.54077 (14042707) 656234.99
4186846.59 56.66805 (17122619)
656243.03 4186869.84 56.07891 (17122619) 656251.08
4186893.10 53.50735 (17122619)
656259.12 4186916.35 52.66393 (17121906) 656267.16
4186939.61 53.66286 (17121906)
656275.20 4186962.86 52.97087 (17121906) 656283.25
4186986.12 52.54671 (17122508)
656291.29 4187009.37 54.97314 (17020824) 656299.33
4187032.62 55.95962 (17020824)
656307.37 4187055.88 54.75992 (17020824) 656315.41
4187079.13 51.51225 (17020824)
656323.46 4187102.39 46.86278 (15120621) 656331.50
4187125.64 47.37138 (15120621)
656339.54 4187148.90 47.61952 (15120708) 656347.58
4187172.15 51.55375 (17011303)
656355.63 4187195.41 54.04229 (17011303) 656363.67
4187218.66 54.42045 (17011303)
656371.71 4187241.92 52.64842 (17011303) 656379.75
4187265.17 48.93798 (17011303)
656387.79 4187288.43 48.61456 (17121319) 656395.84
4187311.68 52.59646 (17121319)
656403.88 4187334.93 54.70383 (17121319) 656411.92
4187358.19 54.70231 (17121319)
656419.96 4187381.44 52.60027 (17121319) 656428.01
4187404.70 51.74579 (17010504)

656436.05 4187427.95 53.63643 (17010504) 656444.09
4187451.21 53.46386 (17010504)
656452.13 4187474.46 51.25879 (17010504) 656460.17
4187497.72 47.27827 (17010504)
656468.22 4187520.97 50.37715 (17122519) 656476.26
4187544.23 53.75760 (17122519)
656484.30 4187567.48 55.39570 (17122519) 656492.34
4187590.74 55.13779 (17122519)
656500.39 4187613.99 53.02319 (17122519) 656508.43
4187637.24 51.95892 (17122719)
656516.47 4187660.50 53.64353 (17122719) 656524.51
4187683.75 53.46111 (17122719)
656532.55 4187707.01 51.44521 (17122719) 656540.60
4187730.26 47.81776 (17122719)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656548.64	4187753.52	52.31485	(15121209)	656556.68	4187776.77	60.98395	(15121209)
656564.72	4187800.03	68.52069	(15121209)	656572.77	4187823.28	75.49090	(16122009)
656580.81	4187846.54	80.78424	(16122009)	656588.85	4187869.79	81.88945	(16122009)
656596.89	4187893.04	78.68053	(16122009)	656604.93	4187916.30	71.68822	(16122009)
656612.98	4187939.55	64.97266	(15121209)	656621.02	4187962.81	57.00810	(15121209)
656629.06	4187986.06	49.82454	(16010203)	656637.10	4188009.32	50.65566	(16010203)
656645.15	4188032.57	50.39858	(13123017)	656653.19			

4188055.83 51.59176 (13123017)
653894.48 4185028.63 78.55246 (15041307) 653869.70
4185027.96 65.59294 (17011719)
653844.92 4185027.30 67.92239 (17011719) 653820.14
4185026.64 67.30055 (17011719)
653795.36 4185025.98 68.46050 (17012818) 653770.59
4185025.32 71.09123 (17123009)
653930.19 4184539.07 70.84531 (15041307) 653952.54
4184549.33 83.31369 (15041307)
653974.89 4184559.60 95.73750 (15041307) 653997.25
4184569.86 107.41570 (15041307)
654019.60 4184580.12 117.62363 (15041307) 654041.96
4184590.39 125.61160 (15041307)
654064.31 4184600.65 130.81927 (15041307) 654086.67
4184610.91 132.94677 (15041307)
654109.02 4184621.18 131.59810 (15041307) 654131.37
4184631.44 126.95148 (15041307)
654153.73 4184641.70 119.35577 (15041307) 654176.08
4184651.97 109.29986 (15041307)
654198.44 4184662.23 97.48565 (15041307) 654220.79
4184672.49 84.71349 (15041307)
654243.15 4184682.76 71.75821 (15011010) 654265.50
4184693.02 66.47540 (15011010)
654287.85 4184703.28 59.63634 (15011010) 654310.21
4184713.55 53.63579 (17122917)
654332.56 4184723.81 52.71826 (17011203) 654354.92
4184734.08 50.71889 (17011203)
654377.27 4184744.34 48.75325 (13022802) 654399.63
4184754.60 48.52563 (17032503)
654421.98 4184764.87 48.97281 (17032503) 654444.33
4184775.13 48.96495 (15010920)
654466.69 4184785.39 52.67298 (17013024) 654489.04
4184795.66 56.01915 (17013024)
654511.40 4184805.92 57.79342 (17013024) 654533.75
4184816.18 57.82630 (17013024)
654556.11 4184826.45 56.10456 (17013024) 654578.46
4184836.71 55.79332 (17011801)
654600.82 4184846.97 58.25533 (17012520) 654623.17
4184857.24 59.56588 (17012520)
654645.52 4184867.50 58.90771 (17012520) 654667.88
4184877.76 56.97663 (14090107)
654690.23 4184888.03 61.81907 (14090107) 654712.59
4184898.29 64.69421 (14090107)
654734.94 4184908.56 65.29053 (14090107) 654757.30
4184918.82 63.53530 (14090107)
654779.65 4184929.08 60.14463 (17122319) 654802.00
4184939.35 59.10821 (17122319)
654824.36 4184949.61 60.60782 (17012804) 654846.71
4184959.87 60.23832 (17012804)
654869.07 4184970.14 63.15243 (13012109) 654891.42

4184980.40   69.73506 (13012109)
        654913.78   4184990.66   73.85581 (13012109)   654936.13
4185000.93   75.01250 (13012109)
        654958.48   4185011.19   73.05923 (13012109)   654980.84
4185021.45   68.22963 (13012109)
        655003.19   4185031.72   61.09795 (13012109)   655025.55
4185041.98   57.30504 (17122920)
        655047.90   4185052.24   52.86228 (17122920)   655070.26
4185062.51   50.85780 (17012903)
        655092.61   4185072.77   54.81807 (17012903)   655114.96
4185083.04   57.29075 (17012903)
        655137.32   4185093.30   58.05291 (17012903)   655159.67
4185103.56   57.03641 (17012903)
        655182.03   4185113.83   54.33401 (17012903)   655204.38
4185124.09   50.41506 (16011007)
        655226.74   4185134.35   48.44280 (16011007)   655249.09
4185144.62   45.77005 (17020801)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                    INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

655494.99 4185257.52 48.10040 (17011208) 655517.34
4185267.78 50.36429 (17011208)
655539.70 4185278.04 51.31863 (17011208) 655562.05
4185288.31 53.70261 (17120120)
655584.41 4185298.57 55.56112 (17120120) 655606.76
4185308.83 55.62163 (17120120)
655629.11 4185319.10 53.88790 (17120120) 655651.47
4185329.36 51.89700 (17011301)
655673.82 4185339.62 50.71796 (17011301) 655696.18
4185349.89 47.75442 (17011301)
655718.53 4185360.15 50.63944 (17011508) 655740.89
4185370.41 52.68127 (17011508)
655763.24 4185380.68 52.90776 (17011508) 655785.59
4185390.94 51.30816 (17011508)
655807.95 4185401.20 48.05785 (17011508) 655830.30
4185411.47 43.48842 (17011508)
655852.66 4185421.73 42.44357 (16021402) 655875.01
4185432.00 42.35009 (16021402)
655897.37 4185442.26 44.97290 (17012908) 655919.72
4185452.52 48.81309 (17012908)
655942.07 4185462.79 51.46195 (17012908) 655964.43
4185473.05 52.70941 (17012908)
655986.78 4185483.31 52.46388 (17012908) 656009.14
4185493.58 51.85452 (15030608)
656031.49 4185503.84 62.13836 (15030608) 656053.85
4185514.10 72.00968 (15030608)
656076.20 4185524.37 80.71756 (15030608) 656098.55
4185534.63 87.53112 (15030608)
656120.91 4185544.89 91.85711 (15030608) 656143.26
4185555.16 93.30761 (15030608)
656165.62 4185565.42 91.75741 (15030608) 656187.97
4185575.68 87.38761 (15030608)
656210.33 4185585.95 80.62798 (15030608) 656232.68
4185596.21 72.10224 (15030608)
656255.04 4185606.48 62.50948 (15030608) 656277.39
4185616.74 52.56919 (15030608)
656307.78 4185650.25 40.50441 (15021508) 656315.82
4185673.50 40.91913 (17012607)
656323.86 4185696.74 42.62542 (17012607) 656331.90
4185719.99 42.89991 (17012607)
656339.94 4185743.24 42.30134 (17122320) 656347.98
4185766.48 46.41952 (17122320)
656356.02 4185789.73 49.58001 (17122320) 656364.06
4185812.98 51.52540 (17122320)
656372.10 4185836.23 52.08521 (17122320) 656380.14
4185859.47 51.19937 (17122320)
656388.18 4185882.72 48.92650 (17122320) 656396.22
4185905.97 45.43966 (17122320)
656404.26 4185929.21 45.12834 (17121219) 656412.30
4185952.46 49.13632 (17121219)

656420.34 4185975.71 51.97012 (17121219) 656428.38
4185998.95 53.37962 (17121219)
656436.42 4186022.20 53.23070 (17121219) 656444.46
4186045.45 51.52272 (17121219)
656452.50 4186068.69 49.58625 (17121320) 656460.54
4186091.94 52.46351 (17121320)
656468.58 4186115.19 53.78332 (17121320) 656476.61
4186138.44 61.36546 (14102408)
656484.65 4186161.68 70.90037 (14102408) 656492.69
4186184.93 78.65149 (14102408)
656500.73 4186208.18 83.75030 (14102408) 656508.77
4186231.42 85.58646 (14102408)
656516.81 4186254.67 83.92901 (14102408) 656524.85
4186277.92 78.96288 (14102408)
656532.89 4186301.16 71.26721 (14102408) 656540.93
4186324.41 61.69154 (14102408)
656548.97 4186347.66 54.09010 (17011509) 656557.01
4186370.91 49.60463 (17011509)
656565.05 4186394.15 44.20932 (17011509) 656573.09
4186417.40 41.46704 (17012523)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656581.13	4186440.65	42.72873	(17012523)	656589.17	4186463.89	46.41641	(14042707)
656597.21	4186487.14	51.22202	(14042707)	656605.25	4186510.39	54.97414	(14042707)
656613.29	4186533.63	57.37499	(14042707)	656621.33	4186556.88	58.22267	(14042707)
656629.37	4186580.13	57.44201	(14042707)	656637.41			

4186603.37 55.09566 (14042707)
656645.45 4186626.62 51.36165 (14042707) 656653.49
4186649.87 46.52871 (14042707)
656661.53 4186673.12 45.34815 (17122619) 656669.56
4186696.36 44.17106 (17122619)
656677.60 4186719.61 41.78013 (17122619) 656685.64
4186742.86 42.24418 (17121906)
656693.68 4186766.10 42.93726 (17121906) 656701.72
4186789.35 42.54146 (17121906)
656709.76 4186812.60 42.06936 (17122508) 656717.80
4186835.84 42.98491 (17020824)
656725.84 4186859.09 44.58147 (17020824) 656733.88
4186882.34 44.79416 (17020824)
656741.92 4186905.59 43.60234 (17020824) 656749.96
4186928.83 41.11747 (17020824)
656758.00 4186952.08 37.56297 (17020824) 656766.04
4186975.33 37.98322 (15120621)
656774.08 4186998.57 37.62363 (15120621) 656782.12
4187021.82 38.96167 (17011303)
656790.16 4187045.07 41.80168 (17011303) 656798.20
4187068.31 43.42261 (17011303)
656806.24 4187091.56 43.67523 (17011303) 656814.28
4187114.81 42.53640 (17011303)
656822.32 4187138.05 40.11769 (17011303) 656830.36
4187161.30 37.38298 (14021320)
656838.40 4187184.55 39.96599 (17121319) 656846.44
4187207.80 42.56453 (17121319)
656854.47 4187231.04 43.91803 (17121319) 656862.51
4187254.29 43.90615 (17121319)
656870.55 4187277.54 42.53398 (17121319) 656878.59
4187300.78 40.34707 (17010504)
656886.63 4187324.03 42.39490 (17010504) 656894.67
4187347.28 43.16513 (17010504)
656902.71 4187370.52 42.59206 (17010504) 656910.75
4187393.77 40.73482 (17010504)
656918.79 4187417.02 37.76636 (17010504) 656926.83
4187440.27 39.14279 (17122519)
656934.87 4187463.51 42.01380 (17122519) 656942.91
4187486.76 43.84631 (17122519)
656950.95 4187510.01 44.49586 (17122519) 656958.99
4187533.25 43.91679 (17122519)
656967.03 4187556.50 42.16322 (17122519) 656975.07
4187579.75 41.30395 (17122719)
656983.11 4187602.99 42.79441 (17122719) 656991.15
4187626.24 43.09730 (17122719)
656999.19 4187649.49 42.19385 (17122719) 657007.23
4187672.73 40.16829 (17122719)
657015.27 4187695.98 37.75091 (15121209) 657023.31
4187719.23 45.00011 (15121209)
657031.35 4187742.48 52.05983 (15121209) 657039.39

4187765.72   58.46131 (15121209)
        657047.42   4187788.97   63.74950 (15121209)   657055.46
4187812.22   69.54200 (16122009)
        657063.50   4187835.46   72.66495 (16122009)   657071.54
4187858.71   72.68071 (16122009)
        657079.58   4187881.96   69.61198 (16122009)   657087.62
4187905.20   63.86872 (16122009)
        657095.66   4187928.45   58.49339 (15121209)   657103.70
4187951.70   52.24968 (15121209)
        657111.74   4187974.95   45.40759 (15121209)   657119.78
4187998.19   40.15755 (16010203)
        657127.82   4188021.44   40.54595 (16010203)   657135.86
4188044.69   40.28261 (13123017)
        657143.90   4188067.93   41.24692 (13123017)   657151.94
4188091.18   41.26265 (13123017)
        653907.83   4184528.80   58.88146 (15041307)   653883.05
4184528.14   53.34103 (17011719)
        653858.27   4184527.48   54.53892 (17011719)   653833.50
4184526.82   53.82152 (17011719)
        653808.72   4184526.16   54.68395 (17012818)   653783.94
4184525.49   55.65517 (17123009)
        653943.53   4184039.24   53.38529 (15041307)   653965.88
4184049.51   63.61405 (15041307)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654077.63 4184100.81 112.52241 (15041307) 654099.98
4184111.07 118.33727 (15041307)
654122.32 4184121.33 121.77881 (15041307) 654144.67
4184131.59 122.63198 (15041307)
654167.02 4184141.85 120.79325 (15041307) 654189.37
4184152.12 116.35699 (15041307)
654211.72 4184162.38 109.52888 (15041307) 654234.07
4184172.64 100.67222 (15041307)
654256.42 4184182.90 90.38761 (15041307) 654278.77
4184193.16 79.35558 (15041307)
654301.12 4184203.42 68.17040 (15041307) 654323.46
4184213.68 63.24845 (15011010)
654345.81 4184223.94 58.32443 (15011010) 654368.16
4184234.20 52.34596 (15011010)
654390.51 4184244.47 45.71445 (15011010) 654412.86
4184254.73 43.63668 (17011203)
654435.21 4184264.99 42.35998 (17011203) 654457.56
4184275.25 40.44939 (13022802)
654479.91 4184285.51 39.83702 (13022802) 654502.26
4184295.77 40.28895 (17032503)
654524.61 4184306.03 40.39089 (17032503) 654546.95
4184316.29 40.38653 (15010920)
654569.30 4184326.55 42.74824 (17013024) 654591.65
4184336.81 45.53319 (17013024)
654614.00 4184347.08 47.29416 (17013024) 654636.35
4184357.34 47.89463 (17013024)
654658.70 4184367.60 47.28394 (17013024) 654681.05
4184377.86 45.87341 (17011801)
654703.40 4184388.12 46.10075 (17011801) 654725.75
4184398.38 48.06658 (17012520)
654748.09 4184408.64 49.16366 (17012520) 654770.44
4184418.90 48.91510 (17012520)
654792.79 4184429.16 48.70921 (14090107) 654815.14
4184439.42 53.48778 (14090107)
654837.49 4184449.69 56.97663 (14090107) 654859.84
4184459.95 58.86823 (14090107)
654882.19 4184470.21 58.98743 (14090107) 654904.54
4184480.47 57.31515 (14090107)
654926.89 4184490.73 53.99356 (14090107) 654949.23
4184500.99 49.31135 (14090107)
654971.58 4184511.25 49.69638 (17012804) 654993.93
4184521.51 50.17560 (17012804)
655016.28 4184531.77 51.21688 (13012109) 655038.63
4184542.04 57.93692 (13012109)
655060.98 4184552.30 63.27916 (13012109) 655083.33
4184562.56 66.72115 (13012109)
655105.68 4184572.82 67.90947 (13012109) 655128.03
4184583.08 66.71902 (13012109)
655150.37 4184593.34 63.27270 (13012109) 655172.72
4184603.60 57.91756 (13012109)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655776.14	4184880.65	41.56493	(17011208)	655798.49			

4184890.91 42.28810 (17011208)
655820.84 4184901.17 43.78639 (17120120) 655843.19
4184911.43 45.54881 (17120120)
655865.54 4184921.69 46.10527 (17120120) 655887.89
4184931.95 45.41614 (17120120)
655910.24 4184942.22 43.54260 (17120120) 655932.59
4184952.48 42.85407 (17011301)
655954.93 4184962.74 41.72494 (17011301) 655977.28
4184973.00 39.39259 (17011301)
655999.63 4184983.26 41.22926 (17011508) 656021.98
4184993.52 43.15060 (17011508)
656044.33 4185003.78 43.85942 (17011508) 656066.68
4185014.04 43.30201 (17011508)
656089.03 4185024.30 41.53303 (17011508) 656111.38
4185034.57 38.70724 (17011508)
656133.73 4185044.83 35.05837 (17011508) 656156.07
4185055.09 35.01525 (16021402)
656178.42 4185065.35 35.05271 (16021402) 656200.77
4185075.61 35.38603 (17012908)
656223.12 4185085.87 38.64568 (17012908) 656245.47
4185096.13 41.19611 (17012908)
656267.82 4185106.39 42.87224 (17012908) 656290.17
4185116.65 43.56566 (17012908)
656312.52 4185126.91 43.23409 (17012908) 656334.87
4185137.18 43.80241 (15030608)
656357.22 4185147.44 52.26681 (15030608) 656379.56
4185157.70 60.63937 (15030608)
656401.91 4185167.96 68.42125 (15030608) 656424.26
4185178.22 75.09222 (15030608)
656446.61 4185188.48 80.17843 (15030608) 656468.96
4185198.74 83.30593 (15030608)
656491.31 4185209.00 84.24639 (15030608) 656513.66
4185219.26 82.94466 (15030608)
656536.01 4185229.52 79.52335 (15030608) 656558.36
4185239.79 74.26265 (15030608)
656580.70 4185250.05 67.57116 (15030608) 656603.05
4185260.31 59.91761 (15030608)
656625.40 4185270.57 51.79503 (15030608) 656647.75
4185280.83 43.66167 (15030608)
656678.14 4185314.33 33.30724 (15021508) 656686.17
4185337.57 33.27777 (17012607)
656694.21 4185360.81 34.88440 (17012607) 656702.25
4185384.06 35.54461 (17012607)
656710.29 4185407.30 35.19178 (17012607) 656718.33
4185430.54 35.45885 (17122320)
656726.36 4185453.78 38.48962 (17122320) 656734.40
4185477.02 40.85210 (17122320)
656742.44 4185500.26 42.38780 (17122320) 656750.48
4185523.50 42.98075 (17122320)
656758.51 4185546.75 42.59137 (17122320) 656766.55

4185569.99   41.23420 (17122320)
        656774.59   4185593.23   38.99253 (17122320)   656782.63
4185616.47   36.87648 (16010811)
        656790.66   4185639.71   37.77848 (16010811)   656798.70
4185662.95   40.37282 (17121219)
        656806.74   4185686.19   42.61036 (17121219)   656814.78
4185709.43   43.89527 (17121219)
        656822.81   4185732.68   44.12671 (17121219)   656830.85
4185755.92   43.27895 (17121219)
        656838.89   4185779.16   41.40652 (17121219)   656846.93
4185802.40   41.48961 (17121320)
        656854.97   4185825.64   43.48852 (17121320)   656863.00
4185848.88   44.40719 (17121320)
        656871.04   4185872.12   52.67634 (14102408)   656879.08
4185895.37   60.88990 (14102408)
        656887.12   4185918.61   68.03991 (14102408)   656895.15
4185941.85   73.48424 (14102408)
        656903.19   4185965.09   76.68527 (14102408)   656911.23
4185988.33   77.30459 (14102408)
        656919.27   4186011.57   75.26225 (14102408)   656927.30
4186034.81   70.75414 (14102408)
        656935.34   4186058.05   64.21770 (14102408)   656943.38
4186081.30   56.26124 (14102408)
        656951.42   4186104.54   47.57806 (14102408)   656959.45
4186127.78   42.26605 (17011509)
        656967.49   4186151.02   38.47301 (17011509)   656975.53
4186174.26   34.20049 (17011509)
        656983.57   4186197.50   34.35570 (17012523)   656991.60
4186220.74   35.74463 (14042707)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

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        657385.45   4187359.57       31.35224  (17122519)                657393.49
4187382.81       33.76047  (17122519)
        657401.52   4187406.05       35.51600  (17122519)                657409.56
4187429.29       36.50568  (17122519)
        657417.60   4187452.53       36.66625  (17122519)                657425.64
4187475.77       35.99104  (17122519)
        657433.67   4187499.02       34.52977  (17122519)                657441.71
4187522.26       33.81367  (17122719)
        657449.75   4187545.50       35.10504  (17122719)                657457.79
4187568.74       35.59739  (17122719)
        657465.83   4187591.98       35.26101  (17122719)                657473.86
4187615.22       34.12434  (17122719)
        657481.90   4187638.46       32.26940  (17122719)                657489.94
4187661.71       33.38837  (15121209)
        657497.98   4187684.95       39.35563  (15121209)                657506.01
4187708.19       45.21895  (15121209)
        657514.05   4187731.43       50.70722  (15121209)                657522.09
4187754.67       55.49051  (15121209)
        657530.13   4187777.91       60.20209  (16122009)                657538.16
4187801.15       64.18986  (16122009)
        657546.20   4187824.39       65.98249  (16122009)                657554.24
4187847.64       65.40028  (16122009)
        657562.28   4187870.88       62.51501  (16122009)                657570.31
4187894.12       57.63196  (16122009)
        657578.35   4187917.36       53.23008  (15121209)                657586.39
4187940.60       48.13615  (15121209)
        657594.43   4187963.84       42.53021  (15121209)                657602.46
4187987.08       36.73121  (15121209)
        657610.50   4188010.33       33.21190  (16010203)                657618.54
4188033.57       33.37743  (16010203)
        657626.58   4188056.81       33.13196  (13123017)                657634.62
4188080.05       33.92339  (13123017)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 756
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
657642.65	4188103.29	34.06966	(13123017)	657650.69	4188126.53	33.64614	(14022208)
653921.18	4184028.98	43.93600	(15041307)	653896.41	4184028.32	44.39139	(17011719)
653871.63	4184027.66	44.99671	(17011719)	653846.85	4184027.00	44.29083	(17011719)
653822.07	4184026.34	44.93766	(17012818)	653797.29	4184025.67	45.20316	(17012818)
653669.49	4187873.21	4262.22878	(15010507)	653667.67	4187914.98	6520.71626	(13010908)
653665.85	4187956.74	10282.98980	(17121807)	653652.45	4187854.92	3476.49460	(15010507)
653643.61	4187893.01	4526.38281	(14120608)	653641.79	4187934.77	6509.00370	(17021308)
653639.97	4187976.53	7074.50665	(17121322)	653627.47	4187853.84	3147.12926	(16020321)
653661.05	4187812.73	2654.37818	(17123007)	653618.63	4187891.92	3838.58296	(17120517)
653616.81	4187933.68	4992.19907	(17121207)	653614.99	4187975.44	5297.05011	(17122903)
653602.50	4187852.75	2796.80048	(13010906)	653618.36	4187818.35	2377.71803	(15122802)
653644.00	4187794.45	2249.22317	(15022608)	653593.65	4187890.83	3432.97087	(17121504)
653591.83	4187932.59	3968.16928	(17013105)	653590.01	4187974.36	4138.78131	(17013107)
653552.54	4187850.57	2176.11569	(15010907)	653568.40	4187816.17	2028.33704	(14021223)
653584.26	4187781.77	1821.87606	(15122802)	653609.91	4187757.87	1753.13989	(17121508)
653645.34	4187744.46	1816.79951	(17122918)	653543.70	4187888.65	2475.97902	(17021308)
653541.88	4187930.42	2694.38310	(17022506)	653540.06	4187972.18	2817.03482	(17013107)
653502.59	4187848.39	1813.66090	(17013106)	653518.45	4187813.99	1643.73682	(13012121)
653534.31	4187779.60	1568.86133	(15010508)	653550.17	4187745.20	1436.90540	(15122802)
653575.82	4187721.30	1390.74524	(14021122)	653611.24	4187707.89	1415.43200	(15021203)
653646.67	4187694.48	1392.91567	(13012005)	653493.75	4187886.47	1892.83257	(17123023)
653491.93	4187928.24	2018.44798	(17022506)	653490.11	4187970.00	2030.10205	(17120922)
653452.64	4187846.22	1482.55553	(17120203)	653468.50			

4187811.82   1469.80744 (17120517)
        653484.36   4187777.42   1330.27367 (13010908)   653500.22
4187743.02   1259.44900 (15010508)
        653516.08   4187708.62   1162.50386 (15122802)   653541.72
4187684.72   1156.61181 (13012423)
        653577.15   4187671.31   1152.97797 (15022608)   653612.58
4187657.91   1215.12070 (17122918)
        653648.01   4187644.50   1158.13058 (14120620)   653443.80
4187884.30   1513.52781 (17121207)
        653441.98   4187926.06   1545.85927 (17122902)   653440.16
4187967.83   1609.56251 (17011505)
        653403.41   4187842.48   1254.24575 (17021308)   653420.71
4187804.95   1192.58457 (17121504)
        653438.01   4187767.42   1109.07605 (17123107)   653455.31
4187729.90   1080.13282 (13010906)
        653472.62   4187692.37   1017.84195 (16020321)   653509.24
4187647.54   971.05610 (13012423)
        653547.89   4187632.91   973.97981 (13020306)   653586.54
4187618.28   1024.76682 (17123007)
        653625.19   4187603.66   987.76204 (16012703)   653663.83
4187589.03   969.76095 (14021521)
        653393.84   4187882.12   1232.68954 (17012823)   653392.02
4187923.88   1256.26568 (17122902)
        653390.20   4187965.65   1312.31410 (17011505)   653353.34
4187840.54   1012.09721 (17123023)
        653370.42   4187803.50   1040.27932 (17021420)   653387.50
4187766.45   1032.36125 (17120517)
        653404.59   4187729.41   937.25055 (13012105)   653421.67
4187692.36   906.92240 (13021704)
        653438.75   4187655.32   861.82523 (16020321)   653474.90
4187611.05   830.10942 (15010507)
        653513.06   4187596.62   842.52841 (17121508)   653551.21
4187582.18   851.06559 (15021203)
        653589.36   4187567.74   826.64549 (14021105)   653627.51
4187553.30   847.02663 (17011302)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                   INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653665.67	4187538.86	876.40277	(17011609)	653343.89	4187879.94	1041.84953	(17013105)
653342.07	4187921.71	1055.26060	(17121807)	653340.25	4187963.47	1091.70623	(17011505)
653253.29	4187836.50	770.06176	(17121207)	653270.09	4187800.08	792.70718	(17021308)
653286.88	4187763.65	783.45420	(17021420)	653303.68	4187727.23	763.77667	(17121504)
653320.47	4187690.81	706.47668	(17123107)	653337.26	4187654.39	686.15408	(13010908)
653354.06	4187617.97	677.07648	(14021223)	653370.85	4187581.54	648.27386	(15021803)
653406.40	4187538.02	604.23661	(16022407)	653443.91	4187523.83	645.32568	(14021122)
653481.42	4187509.63	639.16105	(13020306)	653518.93	4187495.44	680.89383	(17123007)
653556.44	4187481.24	634.30215	(17122918)	653593.96	4187467.05	648.38785	(13020420)
653631.47	4187452.85	648.43802	(14012501)	653668.98	4187438.66	678.50474	(17011609)
653243.99	4187875.59	740.16141	(17022506)	653242.17	4187917.35	770.50780	(17121807)
653240.35	4187959.12	793.69627	(17011505)	653153.71	4187831.44	589.89333	(17013105)
653171.16	4187793.60	615.56451	(17123023)	653188.61	4187755.76	617.13673	(17021308)
653206.06	4187717.92	615.44037	(17123002)	653223.50	4187680.08	601.49524	(17120517)
653240.95	4187642.24	556.64019	(17021403)	653258.40	4187604.41	559.13800	(13010908)
653275.84	4187566.57	543.61219	(13021704)	653293.29	4187528.73	523.95799	(13013108)
653310.74	4187490.89	510.34371	(14022101)	653338.95	4187464.60	476.98329	(17021402)
653377.92	4187449.85	518.48828	(13012423)	653416.89	4187435.10	521.12755	(17121508)
653455.86	4187420.36	510.13241	(15022608)	653494.83	4187405.61	546.88127	(17123007)
653533.80	4187390.86	525.03754	(14021105)	653572.76	4187376.11	525.45808	(14120620)
653611.73	4187361.36	522.94706	(14012501)	653650.70	4187346.62	554.05791	(17011609)

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        653144.08   4187871.24      604.26997  (17022506)                653142.26
4187913.00      584.11122  (17121807)
        653140.44   4187954.76      606.39716  (17011505)                653053.68
4187827.37      484.11884  (17013105)
        653070.86   4187790.10      496.01632  (17121207)                653088.04
4187752.84      489.61954  (17123106)
        653105.23   4187715.57      479.22782  (17021308)                653122.41
4187678.31      504.11600  (17123002)
        653139.59   4187641.04      499.86954  (17121504)                653156.77
4187603.78      464.84074  (15010907)
        653173.96   4187566.51      455.72655  (13012105)                653191.14
4187529.25      452.71484  (14120608)
        653208.32   4187491.98      441.71028  (14021223)                653225.50
4187454.72      427.96725  (17122821)
        653242.69   4187417.45      419.31975  (14022101)                653270.47
4187391.56      398.64827  (15122802)
        653308.85   4187377.03      425.03339  (15010507)                653347.23
4187362.51      425.25729  (14021301)
        653385.61   4187347.99      430.32553  (13020306)                653423.98
4187333.46      419.22126  (15021203)
        653462.36   4187318.94      445.05462  (17122918)                653500.74
4187304.41      431.79722  (14021105)
        653539.12   4187289.89      432.18239  (13020420)                653577.50
4187275.37      435.58501  (15010901)
        653615.88   4187260.84      440.00339  (17121903)                653654.26
4187246.32      424.67885  (17011609)
        653044.18   4187866.88      474.21262  (17121223)                653042.36
4187908.65      470.64886  (17011804)
        653040.54   4187950.41      480.23001  (17011505)                652953.68
4187823.22      386.44407  (17022506)
        652970.67   4187786.36      400.43786  (17012823)                652987.67
4187749.51      407.05842  (17123023)
        653004.66   4187712.65      423.49951  (17123106)                653021.65
4187675.80      410.74610  (17120203)
        653038.65   4187638.94      423.38490  (17123002)                653055.64
4187602.09      423.82095  (17121504)
        653072.63   4187565.23      404.77253  (17120517)                653089.63
4187528.38      386.57324  (17123107)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 758
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653106.62	4187491.52	385.03854	(13010908)	653123.62	4187454.66	377.91008	(13010906)
653140.61	4187417.81	368.64017	(15010508)	653157.60	4187380.95	357.65343	(17122821)
653174.60	4187344.10	352.50897	(14022101)	653202.07	4187318.49	342.55311	(15122802)
653240.03	4187304.12	347.97951	(15010507)	653277.99	4187289.76	364.07553	(14021122)
653315.95	4187275.39	362.66971	(17121508)	653353.90	4187261.03	361.03681	(15022608)
653391.86	4187246.67	368.79032	(15021203)	653429.82	4187232.30	381.61012	(17122918)
653467.78	4187217.94	362.78076	(14021105)	653505.73	4187203.57	369.78259	(16012703)
653543.69	4187189.21	374.39804	(17011302)	653581.65	4187174.84	364.83925	(14021521)
653619.61	4187160.48	387.89676	(17011609)	653657.56	4187146.11	362.53543	(17122820)
652944.27	4187862.53	398.80485	(17122902)	652942.45	4187904.29	395.04487	(17011804)
652940.63	4187946.06	390.91532	(17011505)	652853.97	4187818.43	346.03761	(17022506)
652871.37	4187780.70	353.03335	(17013105)	652888.77	4187742.98	355.31186	(17121207)
652906.16	4187705.25	360.22332	(17123023)	652923.56	4187667.52	370.19405	(17021308)
652940.95	4187629.79	363.82190	(17120203)	652958.35	4187592.07	360.79292	(17013106)
652975.74	4187554.34	360.75920	(17121504)	652993.14	4187516.61	344.32362	(17120517)
653010.54	4187478.88	331.05696	(17123107)	653027.93	4187441.16	327.65599	(13010908)
653045.33	4187403.43	325.94293	(14120608)	653062.72	4187365.70	317.43879	(14021223)
653080.12	4187327.97	312.71767	(13013108)	653097.51	4187290.25	303.28106	(15021803)
653134.34	4187245.17	295.74488	(15122802)	653173.19	4187230.46	292.76187	(16022407)
653212.05	4187215.76	311.61802	(13012423)	653250.91			

4187201.05   313.85657 (13123108)
        653289.76   4187186.35   314.43533 (13020306)   653328.62
4187171.65   304.36976 (15022608)
        653367.47   4187156.94   331.19531 (17123007)   653406.33
4187142.24   332.22864 (17122918)
        653445.18   4187127.53   316.50612 (14021105)   653484.04
4187112.83   315.10933 (16012703)
        653522.89   4187098.12   322.34216 (17011302)   653561.75
4187083.42   314.32704 (14021521)
        653600.60   4187068.72   331.53194 (17011609)   653639.46
4187054.01   305.48180 (14021106)
        653678.32   4187039.31   300.06889 (17012904)   652844.37
4187858.18   340.37909 (17122902)
        652842.55   4187899.94   337.17078 (17011804)   652840.73
4187941.70   325.39260 (17011505)
        652604.24   4187807.49   240.90741 (17121223)   652621.68
4187769.65   242.10812 (17022506)
        652639.13   4187731.81   254.40046 (17013105)   652656.58
4187693.98   255.65419 (17012823)
        652674.02   4187656.14   252.46057 (17123023)   652691.47
4187618.30   255.85586 (17123106)
        652708.92   4187580.46   264.09033 (17021308)   652726.37
4187542.62   261.53202 (17120203)
        652743.81   4187504.78   261.58064 (17123002)   652761.26
4187466.95   252.03716 (17121504)
        652778.71   4187429.11   256.05921 (17120517)   652796.15
4187391.27   245.14734 (14021108)
        652813.60   4187353.43   237.23759 (17123107)   652831.05
4187315.59   238.40084 (13012105)
        652848.49   4187277.75   230.92136 (13010908)   652865.94
4187239.92   233.51761 (13010906)
        652883.39   4187202.08   229.51322 (14021223)   652900.83
4187164.24   226.29195 (13013108)
        652918.28   4187126.40   220.48691 (17122317)   652935.73
4187088.56   217.09244 (14022101)
        652963.94   4187062.27   211.64041 (15122802)   653002.91
4187047.52   209.62784 (17021402)
        653041.88   4187032.77   219.75847 (15010507)   653080.85
4187018.03   226.28581 (13012423)
        653119.82   4187003.28   225.83883 (13123108)   653158.79
4186988.53   226.79023 (17121508)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5
, VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652704.08 4187038.40 176.24882 (14021223) 652721.56
4187000.49 172.67089 (13013108)
652739.03 4186962.58 170.05537 (17122821) 652756.51
4186924.67 168.40069 (15021803)
652793.51 4186879.38 164.55904 (17120906) 652832.56
4186864.60 163.59830 (15122802)
652871.60 4186849.83 160.36993 (16022407) 652910.64
4186835.05 173.16615 (15010507)
652949.68 4186820.28 173.92564 (14021122) 652988.73
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653027.77 4186790.73 176.05165 (17121508) 653066.81
4186775.95 173.92738 (13020306)
653105.85 4186761.18 175.08426 (15022608) 653144.89
4186746.40 199.77822 (14011509)
653183.94 4186731.63 188.53272 (17123007) 653222.98
4186716.86 186.94906 (17122918)
653262.02 4186702.08 168.59683 (17122918) 653301.06
4186687.31 177.84221 (14021105)
653340.10 4186672.53 179.60627 (16012703) 653379.15
4186657.76 179.29646 (14120620)
653418.19 4186642.98 179.38252 (17011302) 653457.23
4186628.21 178.40176 (14012501)
653496.27 4186613.43 173.86786 (17121903) 653535.31
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653574.36 4186583.88 174.09419 (17120605) 653613.40
4186569.11 176.16728 (17122820)
653652.44 4186554.33 166.89847 (17012904) 653691.48
4186539.56 171.31487 (17123009)
652344.84 4187836.41 181.23558 (17121807) 652343.02
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652341.20 4187919.94 173.33835 (17013008) 652104.74
4187785.66 148.52010 (17121807)
652122.24 4187747.71 146.50056 (17121223) 652139.74
4187709.75 153.45763 (17022506)
652157.24 4187671.79 140.06971 (17011205) 652174.74
4187633.83 155.95704 (17013105)
652192.25 4187595.88 153.50160 (17012823) 652209.75
4187557.92 158.12045 (17121207)
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652262.25 4187444.05 160.83252 (17021308) 652279.75
4187406.09 155.68100 (17021308)
652297.26 4187368.14 159.13019 (17120203) 652314.76
4187330.18 161.31604 (17021420)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652332.26	4187292.22	159.47428	(17013106)	652349.76	4187254.27	154.47807	(17121504)
652367.26	4187216.31	156.56799	(17121504)	652384.76	4187178.35	161.09879	(17120517)
652402.27	4187140.39	147.43413	(15010907)	652419.77	4187102.44	144.44681	(17021403)
652437.27	4187064.48	145.17159	(13012103)	652454.77	4187026.52	146.30068	(13012105)
652472.27	4186988.57	141.70586	(13010908)	652489.77	4186950.61	144.35720	(14120608)
652507.28	4186912.65	141.23823	(13021704)	652524.78	4186874.70	141.01425	(14021223)
652542.28	4186836.74	138.66243	(15010508)	652559.78	4186798.78	136.33562	(17122821)
652577.28	4186760.82	135.29524	(17122317)	652594.78	4186722.87	132.84448	(15021803)
652623.08	4186696.49	131.39588	(17120906)	652662.17	4186681.70	133.19940	(15122802)
652701.26	4186666.91	129.56521	(17021402)	652740.36	4186652.11	133.73605	(16022407)
652779.45	4186637.32	139.11757	(15010507)	652818.54	4186622.52	140.64962	(14021122)
652857.63	4186607.73	140.21618	(14021301)	652896.72	4186592.94	140.88176	(13123108)
652935.82	4186578.14	142.73959	(13020306)	652974.91	4186563.35	139.55315	(15022608)
653014.00	4186548.56	165.76707	(14011509)	653053.09	4186533.76	174.98564	(14011509)
653092.18	4186518.97	151.58625	(17123007)	653131.28	4186504.17	149.19468	(17122918)
653170.37	4186489.38	141.96617	(17122918)	653209.46	4186474.59	141.93055	(14021105)
653248.55	4186459.79	143.89234	(13012005)	653287.64			

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4186445.00      141.85193  (13020420)
        653326.74   4186430.21      144.44651  (14120620)               653365.83
4186415.41      143.35448  (17011302)
        653404.92   4186400.62      143.96172  (14012501)               653444.01
4186385.82      139.54103  (14021521)
        653483.10   4186371.03      146.98083  (17121903)               653522.20
4186356.24      147.93128  (17011609)
        653561.29   4186341.44      138.48923  (14021106)               653600.38
4186326.65      140.64587  (17122820)
        653639.47   4186311.86      133.41838  (17012904)               653678.56
4186297.06      129.79171  (17123009)
        652095.08   4187825.52      142.41407  (17022505)               652093.26
4187867.29      147.96245  (17013008)
        652091.44   4187909.05      138.77721  (17013008)               651854.85
4187775.04      121.89095  (17121807)
        651872.11   4187737.61      122.88903  (17122902)               651889.38
4187700.17      122.00260  (17121223)
        651906.64   4187662.74      125.69490  (17022506)               651923.90
4187625.31      114.61846  (17011205)
        651941.16   4187587.87      128.32448  (17013105)               651958.42
4187550.44      122.44235  (17012823)
        651975.68   4187513.00      128.29399  (17012823)               651992.94
4187475.57      137.72304  (14011709)
        652010.20   4187438.14      156.89501  (14011709)               652027.46
4187400.70      139.85448  (14011709)
        652044.72   4187363.27      133.20900  (17021308)               652061.98
4187325.84      129.01566  (17021308)
        652079.24   4187288.40      127.83651  (17120203)               652096.50
4187250.97      131.23924  (17021420)
        652113.76   4187213.54      132.50132  (17123002)               652131.02
4187176.10      132.50007  (17013106)
        652148.28   4187138.67      130.66706  (17121504)               652165.54
4187101.23      127.23475  (17121504)
        652182.80   4187063.80      133.14920  (17120517)               652200.06
4187026.37      123.67906  (14021108)
        652217.32   4186988.93      119.15013  (17021403)               652234.58
4186951.50      120.96376  (17123107)
        652251.84   4186914.07      119.22066  (13012103)               652269.10
4186876.63      119.46904  (13010908)
        652286.36   4186839.20      116.31812  (17020505)               652303.62
4186801.77      119.20254  (14120608)
        652320.88   4186764.33      117.34351  (13010906)               652338.14
4186726.90      115.16992  (14021223)
        652355.40   4186689.46      115.52398  (15010508)               652372.67
4186652.03      114.49647  (13013108)
        652389.93   4186614.60      112.36181  (17122821)               652407.19
4186577.16      111.05974  (17122317)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652424.45	4186539.73	109.77716	(15021803)	652452.35	4186513.72	109.09016	(14022101)
652490.91	4186499.13	109.05338	(15122802)	652529.46	4186484.54	107.91009	(17021402)
652568.01	4186469.95	104.81100	(14032824)	652606.57	4186455.36	110.83928	(16022407)
652645.12	4186440.77	114.38594	(15010507)	652683.67	4186426.18	116.26401	(14021122)
652722.22	4186411.59	115.96549	(14021301)	652760.78	4186397.00	118.36893	(13123108)
652799.33	4186382.41	116.29239	(17121508)	652837.88	4186367.82	115.14345	(13020306)
652876.44	4186353.23	117.25602	(15022608)	652914.99	4186338.64	154.45016	(14011509)
652953.54	4186324.05	158.48045	(14011509)	652992.10	4186309.46	125.17229	(17123007)
653030.65	4186294.87	119.14877	(17122918)	653069.20	4186280.28	123.67261	(17122918)
653107.75	4186265.69	111.08273	(16121108)	653146.31	4186251.10	118.48584	(14021105)
653184.86	4186236.51	118.34224	(13012005)	653223.41	4186221.92	117.67431	(13020420)
653261.97	4186207.33	119.76978	(14120620)	653300.52	4186192.74	121.20919	(17011302)
653339.07	4186178.15	117.72373	(14012501)	653377.63	4186163.56	117.42241	(14021521)
653416.18	4186148.97	115.39345	(17121903)	653454.73	4186134.38	120.99288	(17011609)
653493.28	4186119.79	121.54899	(17011609)	653531.84	4186105.20	114.42164	(14021106)

653570.39 4186090.61 117.14630 (17122820) 653608.94
4186076.02 114.14101 (17012904)
653647.50 4186061.43 102.17095 (15011020) 653686.05
4186046.84 116.77007 (17123009)
651845.31 4187814.64 117.16382 (17011804) 651843.49
4187856.40 122.07293 (17013008)
651841.67 4187898.17 114.45469 (17013008) 651355.37
4187753.19 84.82631 (17022505)
651372.70 4187715.59 88.76640 (17121807) 651390.04
4187677.99 89.03707 (17122902)
651407.38 4187640.39 88.28497 (17121223) 651424.71
4187602.80 91.28411 (17022506)
651442.05 4187565.20 87.04146 (17022506) 651459.38
4187527.60 84.20608 (17013105)
651476.72 4187490.00 92.82378 (17013105) 651494.06
4187452.40 88.51586 (17013105)
651511.39 4187414.80 93.50224 (17012823) 651528.73
4187377.21 94.39951 (17121207)
651546.07 4187339.61 119.30330 (14011709) 651563.40
4187302.01 131.64730 (14011709)
651580.74 4187264.41 121.38016 (14011709) 651598.07
4187226.81 95.93645 (17123106)
651615.41 4187189.21 97.35675 (17021308) 651632.75
4187151.62 89.80661 (17021308)
651650.08 4187114.02 91.87037 (17120203) 651667.42
4187076.42 95.93753 (17120203)
651684.76 4187038.82 95.79654 (17021420) 651702.09
4187001.22 95.32387 (17123002)
651719.43 4186963.62 95.07029 (17013106) 651736.77
4186926.03 94.23929 (17121504)
651754.10 4186888.43 94.32301 (17121504) 651771.44
4186850.83 95.37881 (17120517)
651788.77 4186813.23 93.93257 (17120517) 651806.11
4186775.63 87.98996 (14021108)
651823.45 4186738.03 86.09112 (17021403) 651840.78
4186700.44 87.29610 (17123107)
651858.12 4186662.84 86.76897 (13012103) 651875.46
4186625.24 87.55438 (13012105)
651892.79 4186587.64 87.11316 (13010908) 651910.13
4186550.04 84.10287 (17020505)
651927.46 4186512.44 86.30188 (14120608) 651944.80
4186474.85 85.56479 (13010906)
651962.14 4186437.25 84.81826 (13021704) 651979.47
4186399.65 83.99620 (14021223)
651996.81 4186362.05 83.52219 (15010508) 652014.15
4186324.45 82.38806 (13013108)
652031.48 4186286.85 80.79525 (13013108) 652048.82
4186249.26 79.87637 (17122317)
652066.15 4186211.66 79.74596 (17122317) 652083.49
4186174.06 79.84019 (15021803)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652111.52	4186147.93	80.21898	(14022101)	652150.24	4186133.28	79.62224	(17120906)
652188.97	4186118.62	84.90017	(13122209)	652227.69	4186103.97	78.88556	(17021402)
652266.41	4186089.32	85.11823	(13120909)	652305.13	4186074.66	80.80376	(16022407)
652343.86	4186060.01	83.69861	(15010507)	652382.58	4186045.35	84.63703	(14120701)
652421.30	4186030.70	85.24080	(14021122)	652460.02	4186016.05	84.29576	(14021301)
652498.75	4186001.39	85.91578	(13123108)	652537.47	4185986.74	85.00277	(17121508)
652576.19	4185972.08	85.86585	(13020306)	652614.91	4185957.43	82.08507	(13020306)
652653.64	4185942.78	90.28599	(14011509)	652692.36	4185928.12	122.49075	(14011509)
652731.08	4185913.47	137.01092	(14011509)	652769.81	4185898.81	126.37193	(14011509)
652808.53	4185884.16	95.85146	(14011509)	652847.25	4185869.51	86.77740	(14021104)
652885.97	4185854.85	91.07954	(17122918)	652924.70	4185840.20	83.38548	(17122918)
652963.42	4185825.54	82.47364	(14021105)	653002.14	4185810.89	85.95388	(14021105)
653040.86	4185796.24	86.43291	(13012005)	653079.59	4185781.58	86.47144	(16012703)
653118.31	4185766.93	85.66537	(13020420)	653157.03			

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4185752.28       86.34467  (14120620)
        653195.75   4185737.62       87.52620  (17011302)                653234.48
4185722.97       85.48865  (15010901)
        653273.20   4185708.31       85.54925  (14012501)                653311.92
4185693.66       84.28821  (14021521)
        653350.65   4185679.01       86.89265  (17121903)                653389.37
4185664.35       88.21857  (17011609)
        653428.09   4185649.70       88.27350  (17011609)                653466.81
4185635.04       83.57465  (17120605)
        653505.54   4185620.39       83.48697  (17122820)                653544.26
4185605.74       84.12146  (17122820)
        653582.98   4185591.08       82.48626  (17012904)                653621.70
4185576.43       74.72924  (15011020)
        653660.43   4185561.77       76.95389  (17123009)                653699.15
4185547.12       92.15594  (17123009)
        651345.79   4187792.87       86.13492  (17011804)                651343.97
4187834.63       88.21103  (17013008)
        651342.15   4187876.40       82.73107  (17013008)                650855.87
4187731.37       64.09045  (17022505)
        650873.25   4187693.66       65.79661  (17121807)                650890.64
4187655.95       67.88082  (17121807)
        650908.02   4187618.25       68.30124  (17122902)                650925.41
4187580.54       67.44158  (17121223)
        650942.80   4187542.84       68.98585  (17022506)                650960.18
4187505.13       69.42851  (17022506)
        650977.57   4187467.42       64.29959  (17011205)                650994.95
4187429.72       65.94140  (17013105)
        651012.34   4187392.01       71.31742  (17013105)                651029.72
4187354.31       68.88057  (17013105)
        651047.11   4187316.60       70.66304  (17012823)                651064.50
4187278.89       71.16580  (17012823)
        651081.88   4187241.19       85.40295  (14011709)                651099.27
4187203.48      105.49741  (14011709)
        651116.65   4187165.78      114.11029  (14011709)                651134.04
4187128.07      106.99914  (14011709)
        651151.43   4187090.36       87.09572  (14011709)                651168.81
4187052.66       73.53115  (17021308)
        651186.20   4187014.95       73.70287  (17021308)                651203.58
4186977.25       66.19784  (17021308)
        651220.97   4186939.54       70.01067  (17120203)                651238.36
4186901.83       73.90522  (17120203)
        651255.74   4186864.13       73.93618  (17021420)                651273.13
4186826.42       73.69968  (17123002)
        651290.51   4186788.72       73.36077  (17013106)                651307.90
4186751.01       72.00206  (17013106)
        651325.29   4186713.30       72.06350  (17121504)                651342.67
4186675.60       73.24597  (17121504)
        651360.06   4186637.89       70.37716  (17120517)                651377.44
4186600.19       74.31159  (17120517)
        651394.83   4186562.48       69.77444  (14021108)                651412.22
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4186524.77   67.76059 (14011903)
        651429.60   4186487.07   66.05304 (13121224)   651446.99
4186449.36   66.29419 (17123107)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652042.49 4185679.29 62.91658 (15010507) 652081.33
4185664.59 64.23154 (15010507)
652120.16 4185649.89 65.29938 (14120701) 652158.99
4185635.20 65.76209 (14021122)
652197.83 4185620.50 64.68534 (14021301) 652236.66
4185605.81 65.24281 (13123108)
652275.50 4185591.11 65.60291 (13123108) 652314.33
4185576.41 65.35945 (17121508)
652353.16 4185561.72 66.28549 (13020306) 652392.00
4185547.02 62.14242 (13122704)
652430.83 4185532.33 71.40332 (14011509) 652469.66
4185517.63 97.67105 (14011509)
652508.50 4185502.94 115.08769 (14011509) 652547.33
4185488.24 116.63095 (14011509)
652586.16 4185473.54 101.51748 (14011509) 652625.00
4185458.85 75.86086 (14011509)
652663.83 4185444.15 66.91683 (14021104) 652702.66
4185429.46 70.10328 (17122918)
652741.50 4185414.76 67.51913 (17122918) 652780.33
4185400.06 61.82684 (16121108)
652819.16 4185385.37 65.00829 (14021105) 652858.00
4185370.67 65.92544 (14021105)
652896.83 4185355.98 66.80049 (13012005) 652935.67
4185341.28 67.04049 (16012703)
652974.50 4185326.58 66.62498 (13020420) 653013.33
4185311.89 67.05148 (14120620)
653052.17 4185297.19 67.72982 (17011302) 653091.00
4185282.50 66.89568 (17011302)
653129.83 4185267.80 66.05513 (15010901) 653168.67
4185253.10 67.47632 (14120609)
653207.50 4185238.41 73.25007 (14120609) 653246.33
4185223.71 65.96902 (14120609)
653285.17 4185209.02 67.99935 (17121903) 653324.00
4185194.32 68.02295 (17011609)
653362.83 4185179.62 67.92195 (17011609) 653401.67
4185164.93 65.05814 (17120605)
653440.50 4185150.23 64.40363 (14021106) 653479.34
4185135.54 65.55276 (17122820)
653518.17 4185120.84 63.85156 (17012904) 653557.00
4185106.14 63.15740 (17012904)
653595.84 4185091.45 57.88891 (15011020) 653634.67
4185076.75 56.20396 (14030505)
653673.50 4185062.06 66.33764 (17123009) 653712.34
4185047.36 73.60815 (17123009)
650846.26 4187771.10 65.85366 (17011804) 650844.44
4187812.87 67.58593 (17013008)
650842.62 4187854.63 63.60989 (17013008) 650356.36
4187709.56 52.33563 (17011804)
650373.78 4187671.78 52.28608 (17022505) 650391.20
4187634.00 53.80003 (17121807)

650408.62 4187596.21 54.22222 (17121807) 650426.04
4187558.43 54.78224 (17122902)
650443.46 4187520.65 53.69533 (17121223) 650460.88
4187482.87 53.92471 (17022506)
650478.30 4187445.09 56.14426 (17022506) 650495.72
4187407.30 53.63967 (17022506)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650513.15	4187369.52	50.76200	(17011205)	650530.57	4187331.74	53.50881	(17013105)
650547.99	4187293.96	57.04543	(17013105)	650565.41	4187256.18	55.57086	(17013105)
650582.83	4187218.40	54.99148	(17012823)	650600.25	4187180.61	57.60150	(17012823)
650617.67	4187142.83	59.78675	(14011709)	650635.09	4187105.05	79.29440	(14011709)
650652.51	4187067.27	94.35409	(14011709)	650669.93	4187029.49	100.46658	(14011709)
650687.36	4186991.70	95.62362	(14011709)	650704.78	4186953.92	81.33948	(14011709)
650722.20	4186916.14	61.78897	(14011709)	650739.62	4186878.36	59.60201	(17021308)
650757.04	4186840.58	57.60137	(17021308)	650774.46	4186802.79	52.53138	(17011204)
650791.88	4186765.01	55.69271	(17120203)	650809.30	4186727.23	59.14189	(17120203)
650826.72	4186689.45	58.64822	(17021420)	650844.14	4186651.67	58.30581	(17021420)
650861.56	4186613.88	59.05762	(17123002)	650878.99			

4186576.10 59.20473 (17013106)
650896.41 4186538.32 56.75369 (17013106) 650913.83
4186500.54 57.42927 (17121504)
650931.25 4186462.76 58.89941 (17121504) 650948.67
4186424.97 54.77255 (17121504)
650966.09 4186387.19 58.89774 (17120517) 650983.51
4186349.41 58.48764 (17120517)
651000.93 4186311.63 55.68454 (14021108) 651018.35
4186273.85 54.33667 (14011903)
651035.77 4186236.06 52.73281 (13121224) 651053.20
4186198.28 52.58519 (13121224)
651070.62 4186160.50 53.78501 (17123107) 651088.04
4186122.72 53.45165 (13012103)
651105.46 4186084.94 53.12396 (13012105) 651122.88
4186047.16 53.49076 (13012105)
651140.30 4186009.37 53.61639 (13010908) 651157.72
4185971.59 51.46074 (16121303)
651175.14 4185933.81 51.81340 (14120608) 651192.56
4185896.03 53.00509 (14120608)
651209.98 4185858.25 52.58787 (13010906) 651227.40
4185820.46 51.40145 (13021704)
651244.83 4185782.68 51.93758 (13021704) 651262.25
4185744.90 51.75874 (14021223)
651279.67 4185707.12 51.00482 (15010508) 651297.09
4185669.34 51.09554 (15010508)
651314.51 4185631.55 50.93551 (13021604) 651331.93
4185593.77 49.53499 (17122821)
651349.35 4185555.99 49.60081 (17122821) 651366.77
4185518.21 49.74105 (17122317)
651384.19 4185480.43 48.93047 (15021803) 651401.61
4185442.64 49.18883 (15021803)
651429.78 4185416.39 49.37469 (14022101) 651468.69
4185401.66 48.62540 (14022101)
651507.60 4185386.94 58.13876 (13122209) 651546.52
4185372.21 65.25796 (13122209)
651585.43 4185357.49 63.08144 (13122209) 651624.34
4185342.76 60.15729 (13120909)
651663.25 4185328.04 64.85749 (13120909) 651702.16
4185313.31 63.27383 (13120909)
651741.07 4185298.59 55.93210 (13120909) 651779.99
4185283.86 51.62625 (15010507)
651818.90 4185269.13 51.49409 (14120701) 651857.81
4185254.41 52.11605 (14120701)
651896.72 4185239.68 52.84631 (14021122) 651935.63
4185224.96 51.80116 (14021301)
651974.55 4185210.23 51.62267 (14021301) 652013.46
4185195.51 53.20894 (13123108)
652052.37 4185180.78 52.49476 (17121508) 652091.28
4185166.06 52.27335 (13020306)
652130.19 4185151.33 52.90875 (13020306) 652169.10

4185136.60   50.00089 (13122704)
        652208.02   4185121.88   59.74003 (14011509)   652246.93
4185107.15   81.84207 (14011509)
        652285.84   4185092.43   99.08348 (14011509)   652324.75
4185077.70   106.21976 (14011509)
        652363.66   4185062.98   100.70590 (14011509)   652402.57
4185048.25   84.44189 (14011509)
        652441.49   4185033.53   62.57694 (14011509)   652480.40
4185018.80   53.69735 (14021104)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

653219.72 4184739.02 54.82618 (17121903) 653258.63
4184724.29 54.49067 (17011609)
653297.54 4184709.56 54.33675 (17011609) 653336.46
4184694.84 52.34832 (17120605)
653375.37 4184680.11 51.48373 (14021106) 653414.28
4184665.39 55.67055 (17123010)
653453.19 4184650.66 57.64436 (17123010) 653492.10
4184635.94 52.77275 (17123010)
653531.01 4184621.21 50.25803 (17012904) 653569.93
4184606.49 46.57759 (15011020)
653608.84 4184591.76 45.05754 (14030505) 653647.75
4184577.03 49.19232 (17123009)
653686.66 4184562.31 56.49919 (17123009) 653725.57
4184547.58 59.70627 (17123009)
650346.74 4187749.33 52.00049 (17011804) 650344.92
4187791.10 53.93782 (17013008)
650343.10 4187832.86 50.80437 (17013008) 649856.84
4187687.76 43.39609 (17011804)
649874.29 4187649.93 42.24870 (17022505) 649891.74
4187612.09 42.76637 (17022505)
649909.18 4187574.25 44.53856 (17121807) 649926.63
4187536.41 44.19093 (17121807)
649944.08 4187498.57 45.08817 (17122902) 649961.53
4187460.73 43.86083 (17121223)
649978.97 4187422.90 44.60513 (17121223) 649996.42
4187385.06 45.90473 (17022506)
650013.87 4187347.22 45.49645 (17022506) 650031.31
4187309.38 42.20413 (17011205)
650048.76 4187271.54 40.97122 (17011205) 650066.21
4187233.70 44.38606 (17013105)
650083.65 4187195.87 46.87376 (17013105) 650101.10
4187158.03 45.92607 (17013105)
650118.55 4187120.19 43.84077 (17012823) 650136.00
4187082.35 47.09962 (17012823)
650153.44 4187044.51 46.71440 (17012823) 650170.89
4187006.67 58.46447 (14011709)
650188.34 4186968.84 75.84789 (14011709) 650205.78
4186931.00 86.25522 (14011709)
650223.23 4186893.16 89.66546 (14011709) 650240.68
4186855.32 86.97505 (14011709)
650258.12 4186817.48 76.24815 (14011709) 650275.57
4186779.64 60.78872 (14011709)
650293.02 4186741.81 48.22363 (17021308) 650310.46
4186703.97 48.91637 (17021308)
650327.91 4186666.13 46.15495 (17021308) 650345.36
4186628.29 43.43760 (17011204)
650362.81 4186590.45 45.63253 (17120203) 650380.25
4186552.61 48.61708 (17120203)
650397.70 4186514.78 47.72496 (17120203) 650415.15
4186476.94 48.67718 (17021420)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5
, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650641.96	4185985.04	43.40129	(13121224)	650659.40	4185947.20	43.65667	(13121224)
650676.85	4185909.36	44.36088	(17123107)	650694.30	4185871.52	43.33842	(13012103)
650711.74	4185833.69	43.99088	(13012103)	650729.19	4185795.85	44.26648	(13012105)
650746.64	4185758.01	43.39898	(13012105)	650764.09	4185720.17	44.07644	(13010908)
650781.53	4185682.33	42.34401	(16121303)	650798.98	4185644.49	42.17303	(16121303)
650816.43	4185606.66	43.72981	(14120608)	650833.87	4185568.82	42.65911	(13010906)
650851.32	4185530.98	43.21776	(13010906)	650868.77	4185493.14	42.91594	(13021704)
650886.21	4185455.30	42.38654	(13021704)	650903.66			

4185417.46 42.65461 (14021223)
650921.11 4185379.63 41.83124 (15010508) 650938.56
4185341.79 42.24387 (15010508)
650956.00 4185303.95 41.74873 (13021604) 650973.45
4185266.11 41.31424 (13021604)
650990.90 4185228.27 41.14930 (17122821) 651008.34
4185190.43 40.07679 (17122317)
651025.79 4185152.60 40.88427 (17122317) 651043.24
4185114.76 40.37347 (15021803)
651060.68 4185076.92 40.57610 (15021803) 651088.89
4185050.63 40.51887 (14022101)
651127.86 4185035.88 40.58569 (14022101) 651166.83
4185021.13 47.11570 (13122209)
651205.80 4185006.38 56.06899 (13122209) 651244.77
4184991.64 59.14555 (13122209)
651283.74 4184976.89 55.47643 (13122209) 651322.71
4184962.14 54.57815 (13120909)
651361.68 4184947.39 58.66752 (13120909) 651400.65
4184932.65 57.96464 (13120909)
651439.62 4184917.90 52.52325 (13120909) 651478.59
4184903.15 45.43183 (16010810)
651517.56 4184888.40 46.34448 (16010810) 651556.53
4184873.66 43.06275 (14120701)
651595.50 4184858.91 42.59482 (14120701) 651634.47
4184844.16 43.63667 (14021122)
651673.44 4184829.41 42.66244 (14021301) 651712.41
4184814.67 42.90824 (14021301)
651751.38 4184799.92 43.89916 (13123108) 651790.35
4184785.17 42.83795 (13123108)
651829.32 4184770.42 43.33324 (17121508) 651868.29
4184755.68 43.78300 (13020306)
651907.26 4184740.93 43.19363 (13020306) 651946.23
4184726.18 41.30631 (13122704)
651985.20 4184711.43 50.44536 (14011509) 652024.17
4184696.69 68.83230 (14011509)
652063.14 4184681.94 84.79968 (14011509) 652102.11
4184667.19 94.28296 (14011509)
652141.08 4184652.44 94.75044 (14011509) 652180.05
4184637.70 85.96339 (14011509)
652219.02 4184622.95 70.41460 (14011509) 652257.99
4184608.20 52.07776 (14011509)
652296.96 4184593.45 44.30270 (14021104) 652335.93
4184578.71 45.61883 (17122918)
652374.90 4184563.96 46.36962 (17122918) 652413.87
4184549.21 43.45559 (17122918)
652452.84 4184534.46 40.58829 (16121108) 652491.81
4184519.72 41.31513 (14021105)
652530.78 4184504.97 43.76398 (15010906) 652569.75
4184490.22 43.17531 (13012005)
652608.72 4184475.47 44.33541 (13012005) 652647.69

4184460.73   44.15731 (16012703)
        652686.65   4184445.98   43.69919 (16012703)   652725.62
4184431.23   44.16248 (13020420)
        652764.59   4184416.48   44.23411 (14120620)   652803.56
4184401.74   44.03673 (14120620)
        652842.53   4184386.99   45.42710 (17011302)   652881.50
4184372.24   43.67365 (15010901)
        652920.47   4184357.49   43.81734 (15010901)   652959.44
4184342.75   49.35689 (14120609)
        652998.41   4184328.00   57.35873 (14120609)   653037.38
4184313.25   58.84668 (14120609)
        653076.35   4184298.50   53.51333 (14120609)   653115.32
4184283.75   44.02730 (17121903)
        653154.29   4184269.01   45.20967 (17121903)   653193.26
4184254.26   44.83848 (17011609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

653699.87 4184062.54 48.14100 (17123009) 653738.84
4184047.79 49.22136 (17123009)
649847.21 4187727.57 43.16700 (17013008) 649845.39
4187769.33 44.21482 (17013008)
649843.57 4187811.09 41.71668 (17013008) 653669.02
4187987.41 9579.80506 (17120707)
653652.19 4188005.90 6459.76834 (17122609) 653635.37
4188024.39 4289.44996 (17043004)
653617.96 4188041.48 3071.93559 (17120624) 653608.64
4188019.11 4271.08974 (17020404)
653599.33 4187996.73 4067.37486 (17122608) 653631.73
4188060.96 2778.80185 (17123024)
653584.52 4188078.97 1962.38259 (17120208) 653575.63
4188057.61 2502.14176 (17043004)
653566.74 4188036.26 2957.50380 (17020404) 653557.84
4188014.90 2804.54126 (17011201)
653548.95 4187993.54 2891.16300 (17120702) 653598.07
4188097.94 1931.53875 (17123021)
653550.66 4188115.44 1458.11189 (17123024) 653541.34
4188093.07 1592.22442 (17120624)
653532.03 4188070.69 2009.80071 (17120905) 653522.71
4188048.32 2246.66368 (17121007)
653513.40 4188025.94 2115.37635 (17123105) 653504.08
4188003.57 2142.26651 (17120702)
653517.13 4188152.74 1173.47245 (17121324) 653508.08
4188130.98 1183.27804 (17120208)
653499.02 4188109.23 1336.54369 (17043004) 653489.96
4188087.47 1607.54903 (17120905)
653480.91 4188065.72 1770.17828 (17121007) 653471.85
4188043.96 1699.76528 (17011201)
653462.80 4188022.21 1537.78327 (17120901) 653453.74
4188000.46 1693.81938 (17121322)
653483.35 4188189.41 937.53730 (17121324) 653474.04
4188167.03 935.36964 (15022507)
653464.72 4188144.65 1016.50771 (17120624) 653455.41
4188122.28 1247.40390 (17043004)
653446.09 4188099.90 1390.87242 (17020404) 653436.78
4188077.53 1433.87018 (17122805)
653427.46 4188055.15 1349.20533 (17011201) 653418.15
4188032.78 1259.38392 (17120901)
653408.83 4188010.40 1353.55755 (17121322) 653399.52
4187988.02 1329.47062 (17013107)
653449.79 4188226.61 749.29253 (17123024) 653440.66
4188204.68 765.97981 (17123024)
653431.54 4188182.75 807.60935 (17120208) 653422.41
4188160.82 853.36198 (17120624)
653413.28 4188138.90 1046.73751 (17043004) 653404.15
4188116.97 1179.99262 (17020404)
653395.02 4188095.04 1200.09324 (17122805) 653385.89
4188073.11 1171.48301 (17011201)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653376.77	4188051.18	1102.99974	(17122608)	653367.64	4188029.26	1119.63397	(17120702)
653358.51	4188007.33	1137.91647	(17121322)	653349.38	4187985.40	1128.98868	(17013107)
653382.32	4188300.17	549.10646	(14121304)	653372.86	4188277.43	592.79310	(17121324)
653363.39	4188254.69	576.49715	(15022507)	653353.93	4188231.96	603.51687	(17121808)
653344.46	4188209.22	627.10973	(17120624)	653335.00	4188186.48	777.00645	(17043004)
653325.53	4188163.75	799.48342	(17020404)	653316.07	4188141.01	873.92092	(17121007)
653306.60	4188118.27	885.67692	(17120707)	653297.14	4188095.54	835.58829	(17011201)
653287.67	4188072.80	813.21971	(17122608)	653278.21	4188050.06	797.08936	(17013104)
653268.74	4188027.33	840.56414	(17121322)	653259.28	4188004.59	839.65364	(17122903)
653249.81	4187981.85	809.23183	(17120922)	653396.16	4188319.82	557.45893	(17020406)
653315.03	4188374.16	435.55371	(17123021)	653305.59	4188351.49	445.29474	(17121324)
653296.16	4188328.82	447.17822	(17121324)	653286.72	4188306.15	450.53800	(15021501)
653277.28	4188283.48	474.63513	(17121808)	653267.84	4188260.81	492.60616	(17120624)
653258.41	4188238.14	590.64430	(17043004)	653248.97			

4188215.47 633.58870 (17120905)
653239.53 4188192.80 678.62859 (17020404) 653230.10
4188170.13 695.70126 (17121007)
653220.66 4188147.46 688.94628 (17120707) 653211.22
4188124.79 663.79893 (17011201)
653201.78 4188102.12 647.99347 (17123105) 653192.35
4188079.45 591.87777 (17120901)
653182.91 4188056.78 656.66603 (17120702) 653173.47
4188034.11 661.33668 (17121322)
653164.03 4188011.44 653.28497 (17122903) 653154.60
4187988.77 639.10643 (17013107)
653328.86 4188393.79 430.79735 (17020406) 653247.74
4188448.14 356.36128 (17123021)
653238.32 4188425.52 344.92558 (13012107) 653228.90
4188402.90 375.85984 (17121324)
653219.48 4188380.27 355.82877 (14042106) 653210.06
4188357.65 367.74556 (17120208)
653200.65 4188335.02 387.10992 (17121808) 653191.23
4188312.40 400.84138 (17120624)
653181.81 4188289.77 455.58395 (17043004) 653172.39
4188267.15 485.16307 (17043004)
653162.97 4188244.53 504.52081 (17121402) 653153.55
4188221.90 560.10705 (17020404)
653144.14 4188199.28 563.26938 (17121007) 653134.72
4188176.65 556.47352 (17120707)
653125.30 4188154.03 544.05137 (17011201) 653115.88
4188131.40 531.38391 (17123105)
653106.46 4188108.78 501.87568 (17120901) 653097.05
4188086.16 497.75956 (17013104)
653087.63 4188063.53 532.70781 (17120702) 653078.21
4188040.91 532.02098 (17121322)
653068.79 4188018.28 527.63193 (17122903) 653059.37
4187995.66 522.65132 (17013107)
653049.95 4187973.04 504.38128 (17011505) 653180.44
4188522.12 296.32622 (17123021)
653171.04 4188499.53 289.18690 (14121304) 653161.63
4188476.94 304.93076 (17121324)
653152.23 4188454.35 306.80669 (17121324) 653142.82
4188431.76 302.61147 (15022507)
653133.42 4188409.17 310.30602 (17120208) 653124.01
4188386.58 323.96427 (17121808)
653114.61 4188363.99 334.73165 (17120624) 653105.21
4188341.40 357.16829 (17043004)
653095.80 4188318.80 410.63155 (17043004) 653086.40
4188296.21 431.39658 (17120905)
653076.99 4188273.62 445.15945 (17020404) 653067.59
4188251.03 458.43542 (17020404)
653058.18 4188228.44 467.33284 (17122805) 653048.78
4188205.85 461.75336 (17120707)
653039.38 4188183.26 456.51414 (17011201) 653029.97

4188160.67   437.72761 (17123105)
        653020.57   4188138.08   427.35776 (17122608)   653011.16
4188115.49   388.79073 (17120901)
        653001.76   4188092.90   431.98753 (17120702)   652992.35
4188070.31   431.37344 (17123008)
        652982.95   4188047.72   436.49732 (17121322)   652973.55
4188025.12   437.94499 (17122903)
        652964.14   4188002.53   437.26298 (17013107)   652954.74
4187979.94   417.46198 (17122521)
        653113.14   4188596.10   250.07353 (17123021)   653103.75
4188573.53   246.86361 (14121304)
        653094.35   4188550.96   247.02748 (17010902)   653084.96
4188528.40   266.95922 (17121324)
        653075.57   4188505.83   250.42847 (14042106)   653066.17
4188483.27   258.65884 (15022507)
        653056.78   4188460.70   265.66302 (17120208)   653047.39
4188438.14   276.60252 (17121808)
        653037.99   4188415.57   285.05212 (17120624)   653028.60
4188393.01   284.56110 (17043004)
        653019.21   4188370.44   344.92662 (17043004)   653009.81
4188347.88   354.04443 (17120905)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                  INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652944.06 4188189.92 363.55309 (17123105) 652934.66
4188167.36 365.78068 (17123105)
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4188122.23 348.56833 (17013104)
652906.48 4188099.66 378.75995 (17120702) 652897.09
4188077.10 374.59256 (17121322)
652887.69 4188054.53 367.05811 (17011121) 652878.30
4188031.96 371.51831 (17122903)
652868.91 4188009.40 372.94032 (17013107) 652859.51
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652850.12 4187964.27 361.38717 (17011505) 653126.95
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652944.86 4188780.95 178.64020 (17020406) 652935.42
4188758.28 181.00346 (17123021)
652925.99 4188735.61 176.00735 (14121304) 652916.55
4188712.94 176.19701 (17010902)
652907.11 4188690.27 189.90781 (17121324) 652897.67
4188667.60 184.93744 (17121324)
652888.24 4188644.93 180.16700 (14042106) 652878.80
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4188576.92 191.70503 (17121808)
652850.49 4188554.25 199.90927 (17121808) 652841.05
4188531.58 201.29756 (17120624)
652831.61 4188508.91 203.92250 (17043004) 652822.18
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4188395.55 282.24456 (17020404)
652774.99 4188372.88 273.68324 (17020404) 652765.55
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652737.24 4188282.20 278.82914 (17011201) 652727.80
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652718.37 4188236.86 269.57347 (17123105) 652708.93
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4188168.85 243.37945 (17013104)
652680.62 4188146.18 263.89394 (17120702) 652671.18
4188123.51 267.01262 (17120702)
652661.74 4188100.84 270.47895 (17121322) 652652.31
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652642.87 4188055.50 268.09292 (17122903) 652633.43
4188032.83 263.70572 (17013107)
652623.99 4188010.16 259.60577 (17013107) 652614.56
4187987.49 253.71080 (17122521)
652605.12 4187964.82 258.15653 (17011505) 652776.59
4188965.81 135.40501 (17020406)

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        652767.12   4188943.08      136.92332  (17123021)                652757.66
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        652748.19   4188897.60      133.08611  (14121304)                652738.73
4188874.87      134.09820  (17010902)
        652729.26   4188852.13      143.70051  (17121324)                652719.80
4188829.40      143.97220  (17121324)
        652710.33   4188806.66      135.90597  (14042106)                652700.87
4188783.92      139.36044  (15022507)
        652691.40   4188761.19      140.41712  (15021501)                652681.94
4188738.45      143.67925  (17120208)
        652672.47   4188715.71      142.55277  (13021321)                652663.01
4188692.98      152.31061  (17121808)
        652653.54   4188670.24      154.85887  (17120624)                652644.08
4188647.50      150.03712  (17120624)
        652634.61   4188624.77      155.34988  (17043004)                652625.15
4188602.03      183.04090  (17043004)
        652615.68   4188579.29      190.59817  (17043004)                652606.22
4188556.56      195.22095  (17120905)
        652596.75   4188533.82      199.18771  (17120905)                652587.29
4188511.08      195.25167  (17020404)
        652577.82   4188488.35      215.38345  (17020404)                652568.36
4188465.61      211.08618  (17020404)
        652558.89   4188442.87      218.54991  (17121007)                652549.43
4188420.14      218.03756  (17122805)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 770
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     VOL4        , VOL5
, VOL6        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        652539.96   4188397.40      217.78307  (17120707)                652530.50
4188374.67      216.46242  (16012009)
        652521.03   4188351.93      212.69362  (17011201)                652511.57
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652464.24 4188215.51 181.53917 (17013104) 652454.78
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652445.31 4188170.04 206.95284 (17120702) 652435.85
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652350.67 4187942.67 186.38397 (17011505) 652608.36
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652392.19 4188631.52 157.01084 (17120905) 652382.80
4188608.94 153.49702 (17020404)
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4188563.79 171.37256 (17020404)
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4188518.64 173.64942 (17121007)
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652317.00 4188450.90 192.17812 (16012009) 652307.61

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        652298.21   4188405.75   162.42259 (17011201)   652288.81
4188383.17   154.35445 (17031807)
        652279.41   4188360.59   163.60332 (17123105)   652270.01
4188338.02   158.42989 (17123105)
        652260.61   4188315.44   154.71036 (17122608)   652251.21
4188292.86   151.63006 (17120901)
        652241.82   4188270.29   133.09714 (17013104)   652232.42
4188247.71   152.63058 (17013104)
        652223.02   4188225.13   159.18815 (17120702)   652213.62
4188202.55   164.69821 (17120702)
        652204.22   4188179.98   159.55344 (17123008)   652194.82
4188157.40   164.27902 (17121322)
        652185.42   4188134.82   158.82091 (17121322)   652176.02
4188112.25   162.37631 (17122903)
        652166.63   4188089.67   161.16017 (17122903)   652157.23
4188067.09   157.68554 (17013107)
        652147.83   4188044.51   161.55431 (17013107)   652138.43
4188021.94   157.31444 (17120922)
        652129.03   4187999.36   153.91438 (17122521)   652119.63
4187976.78   155.54311 (17011505)
        652110.23   4187954.21   154.86969 (17011505)   652100.84
4187931.63   142.80728 (17011505)
        652622.17   4189170.37   107.16934 (17022406)   652440.09
4189335.67   86.51952 (17020406)
        652430.67   4189313.03   89.26723 (17020406)   652421.24
4189290.39   89.81184 (17123021)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

652411.82 4189267.75 89.82534 (17123021) 652402.40 4189245.12 87.88349 (14121304)
652392.97 4189222.48 87.02201 (13012107) 652383.55 4189199.84 87.35142 (17010902)
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652355.28 4189131.93 92.80006 (17121324) 652345.85 4189109.29 88.43099 (14042106)
652336.43 4189086.65 89.70506 (14042106) 652327.00 4189064.01 91.90494 (15022507)
652317.58 4189041.38 92.09621 (15021501) 652308.16 4189018.74 93.17069 (17120208)
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652261.04 4188905.55 100.64256 (17120624) 652251.61 4188882.91 95.12911 (17012718)
652242.19 4188860.27 98.63393 (17012718) 652232.77 4188837.64 114.59606 (17043004)
652223.34 4188815.00 124.01364 (17043004) 652213.92 4188792.36 123.82048 (17043004)
652204.49 4188769.72 126.45207 (17120905) 652195.07 4188747.09 132.16538 (17120905)
652185.65 4188724.45 127.05549 (17121402) 652176.22 4188701.81 128.32238 (17020404)
652166.80 4188679.17 139.85447 (17020404) 652157.37 4188656.53 141.17439 (17020404)
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652016.02 4188316.97 108.35122 (17120901) 652006.59 4188294.33 123.48346 (17013104)
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651978.32 4188226.42 132.66840 (17120702) 651968.90 4188203.78 131.54603 (17121322)
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651940.62 4188135.86 133.09281 (17122903) 651931.20
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651902.93 4188045.31 130.50552 (17013107) 651893.51
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651865.23 4187954.76 127.62241 (17011505) 651855.81
4187932.12 119.49204 (17011505)
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652084.64 4189659.99 64.34807 (17020406) 652075.18
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652065.72 4189614.55 65.00293 (17123021) 652056.26
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652046.80 4189569.11 62.85122 (14121304) 652037.35
4189546.39 62.94478 (13012107)
652027.89 4189523.66 62.82705 (17010902) 652018.43
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651971.14 4189387.34 64.78970 (14042106) 651961.68
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651952.22 4189341.90 66.01131 (15022507) 651942.76
4189319.18 66.54617 (15021501)
651933.30 4189296.46 66.89862 (17022405) 651923.84
4189273.73 68.09561 (17022405)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4188137.69   93.04837 (17122903)
        651441.46   4188114.97   92.18377 (17013107)   651432.00
4188092.25   95.61890 (17013107)
        651422.55   4188069.53   94.20998 (17013107)   651413.09
4188046.81   93.09779 (17120922)
        651403.63   4188024.08   90.45938 (17120922)   651394.17
4188001.36   91.11749 (17122521)
        651384.71   4187978.64   92.08618 (17011505)   651375.25
4187955.92   92.11823 (17011505)
        651365.79   4187933.20   87.99861 (17011505)   651356.34
4187910.48   80.60392 (17122607)
        652117.39   4189725.08   63.60679 (17022406)   651767.05
4190075.27   46.91894 (17022403)
        651757.62   4190052.61   47.93172 (17020406)   651748.18
4190029.95   49.28212 (17020406)
        651738.75   4190007.29   49.12991 (17020406)   651729.32
4189984.63   49.76505 (17123021)
        651719.89   4189961.97   49.91579 (17123021)   651710.45
4189939.31   48.51420 (17123021)
        651701.02   4189916.65   48.46086 (14121304)   651691.59
4189893.99   47.63451 (13012107)
        651682.15   4189871.33   48.21648 (13012107)   651672.72
4189848.67   47.91466 (17010902)
        651663.29   4189826.01   49.02945 (17121324)   651653.85
4189803.35   51.65006 (17121324)
        651644.42   4189780.69   52.64650 (17121324)   651634.99
4189758.03   51.90254 (17121324)
        651625.56   4189735.37   49.47418 (17121324)   651616.12
4189712.71   48.49602 (14042106)
        651606.69   4189690.05   49.54442 (14042106)   651597.26
4189667.39   53.20098 (15110108)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5   , VOL6   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF VOCS   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651587.82	4189644.74	55.41192	(15110108)	651578.39	4189622.08	54.03790	(15110108)
651568.96	4189599.42	50.89578	(15021501)	651559.53	4189576.76	50.87790	(17022405)
651550.09	4189554.10	52.19771	(17022405)	651540.66	4189531.44	51.49004	(17022405)
651531.23	4189508.78	51.66147	(14012408)	651521.79	4189486.12	54.14741	(17121808)
651512.36	4189463.46	55.28019	(17121808)	651502.93	4189440.80	55.02330	(17120624)
651493.49	4189418.14	55.98008	(17120624)	651484.06	4189395.48	55.01403	(17120624)
651474.63	4189372.82	52.35765	(15010803)	651465.20	4189350.16	53.85288	(17012718)
651455.76	4189327.50	54.54523	(17012718)	651446.33	4189304.84	59.52545	(17043004)
651436.90	4189282.18	65.38522	(17043004)	651427.46	4189259.52	68.69418	(17043004)
651418.03	4189236.86	69.01032	(17043004)	651408.60	4189214.20	66.28033	(17043004)
651399.17	4189191.54	69.63940	(17120905)	651389.73	4189168.88	73.03711	(17120905)
651380.30	4189146.22	72.46514	(17120905)	651370.87	4189123.57	69.87386	(17121402)
651361.43	4189100.91	69.21374	(17121402)	651352.00	4189078.25	72.02671	(17020404)
651342.57	4189055.59	76.67643	(17020404)	651333.13	4189032.93	78.23210	(17020404)
651323.70	4189010.27	76.48929	(17020404)	651314.27	4188987.61	74.08220	(17121007)
651304.84	4188964.95	78.18360	(17121007)	651295.40	4188942.29	78.89723	(17121007)
651285.97	4188919.63	87.55358	(16012009)	651276.54	4188896.97	100.65923	(16012009)
651267.10	4188874.31	111.67773	(16012009)	651257.67	4188851.65	119.47171	(16012009)
651248.24	4188828.99	123.10103	(16012009)	651238.81	4188806.33	122.20678	(16012009)
651229.37	4188783.67	117.02799	(16012009)	651219.94	4188761.01	108.28978	(16012009)
651210.51	4188738.35	96.45002	(16012009)	651201.07	4188715.69	82.60534	(16012009)
651191.64	4188693.03	70.14795	(17031807)	651182.21	4188670.37	73.30429	(17123105)

651172.77 4188647.71 74.60988 (17123105) 651163.34
4188625.05 72.06040 (17123105)
651153.91 4188602.40 71.11822 (17122608) 651144.48
4188579.74 69.78197 (17120901)
651135.04 4188557.08 70.36517 (17120901) 651125.61
4188534.42 67.18956 (17120901)
651116.18 4188511.76 60.76754 (17120901) 651106.74
4188489.10 61.17916 (17013104)
651097.31 4188466.44 67.69450 (17013104) 651087.88
4188443.78 71.16031 (17013104)
651078.45 4188421.12 71.53929 (17120702) 651069.01
4188398.46 74.71436 (17120702)
651059.58 4188375.80 74.46540 (17120702) 651050.15
4188353.14 72.34225 (17123008)
651040.71 4188330.48 71.98962 (17123008) 651031.28
4188307.82 74.15714 (17121322)
651021.85 4188285.16 73.82761 (17121322) 651012.42
4188262.50 71.53414 (17123003)
651002.98 4188239.84 71.28578 (17123003) 650993.55
4188217.18 73.94550 (17122903)
650984.12 4188194.52 73.82416 (17122903) 650974.68
4188171.86 70.70851 (17122903)
650965.25 4188149.20 69.77709 (17013107) 650955.82
4188126.54 72.89891 (17013107)
650946.38 4188103.89 73.19922 (17013107) 650936.95
4188081.23 70.70679 (17013107)
650927.52 4188058.57 71.33545 (17120922) 650918.09
4188035.91 69.11391 (17120922)
650908.65 4188013.25 70.02312 (17122521) 650899.22
4187990.59 69.67704 (17011505)
650889.79 4187967.93 71.03775 (17011505) 650880.35
4187945.27 69.89534 (17011505)
650870.92 4187922.61 66.37743 (17011505) 650861.49
4187899.95 61.93407 (17122607)
650852.06 4187877.29 58.82845 (17122607) 651780.88
4190094.89 48.73999 (17022406)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651430.52	4190445.04	37.38008	(17022403)	651421.06	4190422.33	37.40177	(17020406)
651411.61	4190399.61	38.87471	(17020406)	651402.15	4190376.90	39.42189	(17020406)
651392.70	4190354.19	38.99034	(17020406)	651383.24	4190331.47	39.73080	(17123021)
651373.78	4190308.76	39.86178	(17123021)	651364.33	4190286.04	38.99656	(17123021)
651354.87	4190263.33	38.64422	(14121304)	651345.42	4190240.61	38.37264	(14121304)
651335.96	4190217.90	38.27348	(13012107)	651326.51	4190195.18	38.43101	(13012107)
651317.05	4190172.47	38.13995	(14022501)	651307.59	4190149.75	38.74196	(14022501)
651298.14	4190127.04	40.72153	(17121324)	651288.68	4190104.32	41.88474	(17121324)
651279.23	4190081.61	41.94570	(17121324)	651269.77	4190058.90	40.88915	(17121324)
651260.31	4190036.18	38.78745	(17121324)	651250.86	4190013.47	38.68479	(14042106)
651241.40	4189990.75	41.30485	(15110108)	651231.95	4189968.04	46.17613	(15110108)
651222.49	4189945.32	48.98145	(15110108)	651213.04	4189922.61	49.28022	(15110108)
651203.58	4189899.89	46.99754	(15110108)	651194.12	4189877.18	42.45741	(15110108)
651184.67	4189854.46	40.58654	(17022405)	651175.21	4189831.75	41.66216	(17022405)
651165.76	4189809.03	41.44151	(17022405)	651156.30	4189786.32	41.00400	(14012408)
651146.84	4189763.61	41.81740	(17121808)	651137.39	4189740.89	43.58586	(17121808)
651127.93	4189718.18	44.09997	(17121808)	651118.48	4189695.46	43.78749	(17120624)
651109.02	4189672.75	44.61778	(17120624)	651099.57	4189650.03	44.19579	(17120624)
651090.11	4189627.32	42.57809	(17120624)	651080.65	4189604.60	41.70734	(17012718)
651071.20	4189581.89	43.30050	(17012718)	651061.74	4189559.17	43.49073	(17012718)
651052.29	4189536.46	46.67763	(17043004)	651042.83			

4189513.74   51.19160 (17043004)
        651033.37   4189491.03   54.18372 (17043004)   651023.92
4189468.31   55.34061 (17043004)
        651014.46   4189445.60   54.46536 (17043004)   651005.01
4189422.89   51.67884 (17043004)
        650995.55   4189400.17   55.89268 (17120905)   650986.09
4189377.46   58.38369 (17120905)
        650976.64   4189354.74   58.30979 (17120905)   650967.18
4189332.03   55.67649 (17120905)
        650957.73   4189309.31   55.68073 (17121402)   650948.27
4189286.60   54.31418 (17121402)
        650938.82   4189263.88   58.19850 (17020404)   650929.36
4189241.17   61.39835 (17020404)
        650919.90   4189218.45   62.51842 (17020404)   650910.45
4189195.74   61.47964 (17020404)
        650900.99   4189173.02   58.47984 (17020404)   650891.54
4189150.31   61.04515 (17121007)
        650882.08   4189127.60   63.04324 (17121007)   650872.62
4189104.88   65.23370 (16012009)
        650863.17   4189082.17   74.91368 (16012009)   650853.71
4189059.45   85.51664 (16012009)
        650844.26   4189036.74   94.99887 (16012009)   650834.80
4189014.02   102.92324 (16012009)
        650825.35   4188991.31   107.47177 (16012009)   650815.89
4188968.59   109.05926 (16012009)
        650806.43   4188945.88   107.44993 (16012009)   650796.98
4188923.16   102.61780 (16012009)
        650787.52   4188900.45   94.89195 (16012009)   650778.07
4188877.73   84.84440 (16012009)
        650768.61   4188855.02   74.31307 (16012009)   650759.15
4188832.31   63.70455 (16012009)
        650749.70   4188809.59   56.00063 (17123105)   650740.24
4188786.88   59.06510 (17123105)
        650730.79   4188764.16   59.70650 (17123105)   650721.33
4188741.45   57.87772 (17123105)
        650711.87   4188718.73   56.84805 (17122608)   650702.42
4188696.02   56.00405 (17122608)
        650692.96   4188673.30   56.60667 (17120901)   650683.51
4188650.59   55.92929 (17120901)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL   ***
                                 INCLUDING SOURCE(S):   VOL4   , VOL5

, VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650674.05	4188627.87	52.87537	(17120901)	650664.60	4188605.16	47.84890	(17120901)
650655.14	4188582.44	47.53272	(17013104)	650645.68	4188559.73	52.75094	(17013104)
650636.23	4188537.02	56.13805	(17013104)	650626.77	4188514.30	57.30218	(17013104)
650617.32	4188491.59	58.06341	(17120702)	650607.86	4188468.87	59.83006	(17120702)
650598.40	4188446.16	59.40391	(17120702)	650588.95	4188423.44	57.61517	(17123008)
650579.49	4188400.73	57.91374	(17123008)	650570.04	4188378.01	58.58643	(17121322)
650560.58	4188355.30	59.39956	(17121322)	650551.13	4188332.58	58.40595	(17121322)
650541.67	4188309.87	57.20815	(17123003)	650532.21	4188287.15	56.89784	(17123003)
650522.76	4188264.44	58.89982	(17122903)	650513.30	4188241.72	59.31685	(17122903)
650503.85	4188219.01	57.77110	(17122903)	650494.39	4188196.30	54.42942	(17122903)
650484.93	4188173.58	56.45688	(17013107)	650475.48	4188150.87	58.38738	(17013107)
650466.02	4188128.15	58.48505	(17013107)	650456.57	4188105.44	56.78535	(17013107)
650447.11	4188082.72	57.11652	(17120922)	650437.65	4188060.01	56.26503	(17120922)
650428.20	4188037.29	55.77562	(17122521)	650418.74	4188014.58	55.85790	(17122521)
650409.29	4187991.86	55.84112	(17011505)	650399.83	4187969.15	56.77025	(17011505)
650390.38	4187946.43	56.03199	(17011505)	650380.92	4187923.72	53.79732	(17011505)
650371.46	4187901.01	50.20687	(17011505)	650362.01	4187878.29	48.63451	(17122607)
650352.55	4187855.58	47.44081	(17013008)	651094.01	4190814.87	30.80656	(17022406)
651084.57	4190792.20	30.83643	(17022403)	651075.14	4190769.53	31.46361	(17020406)

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        651065.70   4190746.86       32.26759  (17020406)                651056.26
4190724.19       32.42337  (17020406)
        651046.82   4190701.52       31.91526  (17020406)                651037.39
4190678.85       32.69987  (17123021)
        651027.95   4190656.18       32.82749  (17123021)                651018.51
4190633.51       32.27827  (17123021)
        651009.08   4190610.84       31.65697  (14121304)                650999.64
4190588.17       31.72766  (14121304)
        650990.20   4190565.50       33.26159  (13010510)                650980.76
4190542.83       34.03984  (13010510)
        650971.33   4190520.16       33.94186  (13010510)                650961.89
4190497.49       32.96460  (13010510)
        650952.45   4190474.82       33.73619  (16111409)                650943.01
4190452.15       33.40299  (16111409)
        650933.58   4190429.48       34.13865  (17121324)                650924.14
4190406.81       34.59048  (17121324)
        650914.70   4190384.14       34.28290  (17121324)                650905.27
4190361.47       33.22993  (17121324)
        650895.83   4190338.80       31.49468  (17121324)                650886.39
4190316.13       31.68132  (14042106)
        650876.95   4190293.46       35.61340  (15110108)                650867.52
4190270.79       40.08334  (15110108)
        650858.08   4190248.12       43.21517  (15110108)                650848.64
4190225.45       44.62341  (15110108)
        650839.20   4190202.78       44.09654  (15110108)                650829.77
4190180.11       41.68957  (15110108)
        650820.33   4190157.44       37.69713  (15110108)                650810.89
4190134.77       33.20842  (17022405)
        650801.46   4190112.10       34.19797  (17022405)                650792.02
4190089.43       34.31744  (17022405)
        650782.58   4190066.76       33.55164  (17022405)                650773.14
4190044.09       33.88524  (14012408)
        650763.71   4190021.42       34.75837  (17121808)                650754.27
4189998.75       35.95425  (17121808)
        650744.83   4189976.08       36.29999  (17121808)                650735.39
4189953.41       35.76667  (17120624)
        650725.96   4189930.74       36.59198  (17120624)                650716.52
4189908.07       36.59139  (17120624)
        650707.08   4189885.40       35.75676  (17120624)                650697.65
4189862.73       35.79725  (14041407)
        650688.21   4189840.06       35.12588  (14041407)                650678.77
4189817.39       35.70146  (17012718)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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                                  PAGE 776
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650669.33	4189794.72	35.82818	(17012718)	650659.90	4189772.05	37.07359	(17043004)
650650.46	4189749.38	40.77816	(17043004)	650641.02	4189726.71	43.56006	(17043004)
650631.58	4189704.04	45.14179	(17043004)	650622.15	4189681.37	45.36406	(17043004)
650612.71	4189658.70	44.33317	(17043004)	650603.27	4189636.03	42.15018	(17043004)
650593.83	4189613.36	45.58759	(17120905)	650584.40	4189590.69	47.78987	(17120905)
650574.96	4189568.02	48.28283	(17120905)	650565.52	4189545.35	46.97575	(17120905)
650556.09	4189522.68	45.67831	(17121402)	650546.65	4189500.01	45.44464	(17121402)
650537.21	4189477.34	44.15592	(17121402)	650527.77	4189454.67	47.52995	(17020404)
650518.34	4189432.00	50.03879	(17020404)	650508.90	4189409.33	51.21906	(17020404)
650499.46	4189386.66	50.97110	(17020404)	650490.02	4189363.99	49.31062	(17020404)
650480.59	4189341.32	47.85486	(17121007)	650471.15	4189318.65	50.53943	(17121007)
650461.71	4189295.98	51.81495	(17121007)	650452.28	4189273.31	54.36690	(16012009)
650442.84	4189250.64	63.37628	(16012009)	650433.40	4189227.97	72.26373	(16012009)
650423.96	4189205.30	80.20367	(16012009)	650414.53	4189182.63	86.95759	(16012009)
650405.09	4189159.96	92.06130	(16012009)	650395.65	4189137.29	95.13107	(16012009)
650386.21	4189114.62	95.95097	(16012009)	650376.78	4189091.95	94.50318	(16012009)
650367.34	4189069.28	90.86993	(16012009)	650357.90	4189046.61	85.28873	(16012009)
650348.47	4189023.94	78.17753	(16012009)	650339.03			

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4189001.27       69.98130  (16012009)
        650329.59   4188978.60       61.19725  (16012009)                650320.15
4188955.93       52.27868  (16012009)
        650310.72   4188933.26       45.88061  (17031807)                650301.28
4188910.59       48.31082  (17123105)
        650291.84   4188887.92       49.18210  (17123105)                650282.40
4188865.25       48.30343  (17123105)
        650272.97   4188842.58       46.38856  (17122608)                650263.53
4188819.91       46.43147  (17122608)
        650254.09   4188797.24       45.45213  (17120901)                650244.66
4188774.57       46.49254  (17120901)
        650235.22   4188751.90       45.87863  (17120901)                650225.78
4188729.23       43.67695  (17120901)
        650216.34   4188706.56       40.12127  (17120901)                650206.91
4188683.89       37.70745  (17041005)
        650197.47   4188661.22       40.65126  (17013104)                650188.03
4188638.55       44.17689  (17013104)
        650178.59   4188615.88       46.38256  (17013104)                650169.16
4188593.21       47.10221  (17013104)
        650159.72   4188570.54       47.47667  (17120702)                650150.28
4188547.87       49.10717  (17120702)
        650140.85   4188525.20       49.22757  (17120702)                650131.41
4188502.53       47.84659  (17120702)
        650121.97   4188479.86       47.78590  (17123008)                650112.53
4188457.19       47.39106  (17123008)
        650103.10   4188434.52       48.29108  (17121322)                650093.66
4188411.85       48.77909  (17121322)
        650084.22   4188389.18       48.06299  (17121322)                650074.78
4188366.51       46.82112  (17123003)
        650065.35   4188343.84       46.97642  (17123003)                650055.91
4188321.17       47.55266  (17122903)
        650046.47   4188298.50       48.69181  (17122903)                650037.03
4188275.83       48.54419  (17122903)
        650027.60   4188253.16       47.05467  (17122903)                650018.16
4188230.49       44.40401  (17122903)
        650008.72   4188207.82       45.81872  (17013107)                649999.29
4188185.15       47.59103  (17013107)
        649989.85   4188162.48       48.16002  (17013107)                649980.41
4188139.81       47.53005  (17013107)
        649970.97   4188117.14       46.59577  (17120922)                649961.54
4188094.47       46.97423  (17120922)
        649952.10   4188071.80       46.11701  (17120922)                649942.66
4188049.13       45.83557  (17122521)
        649933.22   4188026.46       46.06436  (17122521)                649923.79
4188003.79       45.27212  (17011505)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPILL ***
INCLUDING SOURCE(S): VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
649914.35	4187981.12	46.44805	(17011505)	649904.91	4187958.45	46.50029	(17011505)
649895.48	4187935.78	45.49171	(17011505)	649886.04	4187913.11	43.53087	(17011505)
649876.60	4187890.44	41.11936	(17122607)	649867.16	4187867.77	40.05632	(17122607)
649857.73	4187845.10	38.35814	(15011021)	651107.84	4190834.50	31.95871	(17022406)
653689.92	4187978.71	14896.01709	(17011201)	653699.03	4187987.00	12579.12287	(17122609)
653712.29	4187988.66	11377.88061	(17122909)	653810.49	4187988.66	6966.44316	(15010317)
653818.36	4187877.61	4209.73820	(17012908)	653694.47	4187874.30	4630.08672	(17123007)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653690.13	4187328.38	1557.13070	(17123009)	653710.13	4187328.38	1847.35121	(17123009)
653730.13	4187328.38	1924.48311	(17123009)	653750.13	4187328.38	1735.91807	(17011719)
653770.13	4187328.38	1622.95684	(15011509)	653790.13	4187328.38	1584.67470	(17120822)
653810.13	4187328.38	1712.77317	(17122917)	653830.13	4187328.38	1787.07877	(17122917)
653850.13	4187328.38	1635.60282	(17122917)	653870.13	4187328.38	1646.14614	(17013024)
653890.13	4187328.38	1690.61780	(17013024)	653910.13	4187328.38	1692.27412	(17012520)
653930.13	4187328.38	1580.96329	(17122319)	653950.13	4187328.38	1637.10971	(17012804)
653970.13	4187328.38	1610.65429	(17012804)	653990.13	4187328.38	1628.19064	(17122518)
654010.13	4187328.38	1579.88888	(17122920)	654030.13	4187328.38	1518.83864	(17012903)
654050.13	4187328.38	1487.18560	(17012903)	654070.13	4187328.38	1412.62412	(17020801)
654090.13	4187328.38	1496.89733	(17020801)	654110.13	4187328.38	1446.47077	(17020801)
654130.13	4187328.38	1276.74544	(17020801)	654150.13	4187328.38	1267.53231	(17120120)
654170.13	4187328.38	1318.30542	(17120120)	654190.13	4187328.38	1269.34627	(17120120)
654210.13	4187328.38	1184.67132	(17011508)	654230.13	4187328.38	1192.80657	(17011508)
654250.13	4187328.38	1114.76358	(17011508)	654270.13	4187328.38	1098.70605	(17012908)
654290.13	4187328.38	1147.79103	(17012908)	654310.13	4187328.38	1134.87847	(17012908)
654330.13	4187328.38	1064.45769	(17012908)	654350.13	4187328.38	1011.81242	(17120121)
654370.13	4187328.38	950.02543	(17120121)	654390.13	4187328.38	875.18777	(17013019)
654410.13	4187328.38	888.60817	(17013019)	654430.13	4187328.38	856.25102	(17013019)
654450.13	4187328.38	815.86578	(17122320)	654470.13	4187328.38	880.99151	(17122320)
654490.13	4187328.38	918.67298	(17122320)	653690.13	4187348.38	1621.95953	(17012904)
653710.13	4187348.38	1919.99279	(17123009)	653730.13	4187348.38	2003.11223	(17123009)

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        653750.13   4187348.38     1805.57559  (17011719)                653770.13
4187348.38     1690.88309  (15011509)
        653790.13   4187348.38     1664.48555  (17120822)                653810.13
4187348.38     1809.00958  (17122917)
        653830.13   4187348.38     1851.66002  (17122917)                653850.13
4187348.38     1653.85978  (17011203)
        653870.13   4187348.38     1745.31142  (17013024)                653890.13
4187348.38     1739.06751  (17013024)
        653910.13   4187348.38     1748.15080  (17012520)                653930.13
4187348.38     1691.39559  (17122319)
        653950.13   4187348.38     1721.32898  (17012804)                653970.13
4187348.38     1703.76216  (17122518)
        653990.13   4187348.38     1691.99190  (17122920)                654010.13
4187348.38     1572.93883  (17122920)
        654030.13   4187348.38     1585.97456  (17012903)                654050.13
4187348.38     1481.09038  (17012903)
        654070.13   4187348.38     1539.46920  (17020801)                654090.13
4187348.38     1547.46695  (17020801)
        654110.13   4187348.38     1413.71461  (17020801)                654130.13
4187348.38     1296.62185  (17011208)
        654150.13   4187348.38     1370.18427  (17120120)                654170.13
4187348.38     1349.45928  (17120120)
        654190.13   4187348.38     1228.36472  (17120120)                654210.13
4187348.38     1250.87106  (17011508)
        654230.13   4187348.38     1185.63109  (17011508)                654250.13
4187348.38     1135.14377  (17012908)
        654270.13   4187348.38     1195.52932  (17012908)                654290.13
4187348.38     1188.55071  (17012908)
        654310.13   4187348.38     1117.97821  (17012908)                654330.13
4187348.38     1057.16074  (17120121)
        654350.13   4187348.38      992.16654  (17120121)                654370.13
4187348.38      915.61716  (17013019)
        654390.13   4187348.38      926.85032  (17013019)                654410.13
4187348.38      888.48118  (17013019)
        654430.13   4187348.38      865.26357  (17122320)                654450.13
4187348.38      929.90755  (17122320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 779
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654470.13	4187348.38	963.74458	(17122320)	654490.13	4187348.38	964.52101	(17122320)
653690.13	4187368.38	1695.90891	(17012904)	653710.13	4187368.38	1997.30672	(17123009)
653730.13	4187368.38	2087.59242	(17123009)	653750.13	4187368.38	1879.90706	(17011719)
653770.13	4187368.38	1762.74419	(15011509)	653790.13	4187368.38	1748.54543	(17120822)
653810.13	4187368.38	1908.94162	(17122917)	653830.13	4187368.38	1913.15511	(17122917)
653850.13	4187368.38	1690.16066	(17011203)	653870.13	4187368.38	1840.80261	(17013024)
653890.13	4187368.38	1825.67025	(17012520)	653910.13	4187368.38	1786.65392	(17012520)
653930.13	4187368.38	1785.04865	(17122319)	653950.13	4187368.38	1780.72576	(17012804)
653970.13	4187368.38	1781.50346	(17122518)	653990.13	4187368.38	1735.27242	(17122920)
654010.13	4187368.38	1652.12249	(17012903)	654030.13	4187368.38	1619.69199	(17012903)
654050.13	4187368.38	1554.75781	(17020801)	654070.13	4187368.38	1631.58029	(17020801)
654090.13	4187368.38	1548.62292	(17020801)	654110.13	4187368.38	1334.90291	(17121708)
654130.13	4187368.38	1414.37816	(17120120)	654150.13	4187368.38	1428.07251	(17120120)
654170.13	4187368.38	1326.73285	(17120120)	654190.13	4187368.38	1308.76417	(17011508)
654210.13	4187368.38	1259.99773	(17011508)	654230.13	4187368.38	1172.47124	(17012908)
654250.13	4187368.38	1245.84474	(17012908)	654270.13	4187368.38	1246.02822	(17012908)
654290.13	4187368.38	1175.77788	(17012908)	654310.13	4187368.38	1106.03445	(17120121)
654330.13	4187368.38	1037.58425	(17120121)	654350.13	4187368.38	959.16206	(17013019)
654370.13	4187368.38	967.73529	(17013019)	654390.13	4187368.38	922.48081	(17013019)
654410.13	4187368.38	918.53132	(17122320)	654430.13	4187368.38	982.02127	(17122320)

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        654450.13   4187368.38     1010.96874  (17122320)                654470.13
4187368.38     1003.76332  (17122320)
        654490.13   4187368.38      963.03340  (17122320)                653690.13
4187388.38     1777.57284  (17122820)
        653710.13   4187388.38     2080.14235  (17123009)                653730.13
4187388.38     2178.12792  (17123009)
        653750.13   4187388.38     1958.96733  (17011719)                653770.13
4187388.38     1838.53681  (15011509)
        653790.13   4187388.38     1837.01278  (17120822)                653810.13
4187388.38     2011.94151  (17122917)
        653830.13   4187388.38     1970.15755  (17122917)                653850.13
4187388.38     1808.38885  (17013024)
        653870.13   4187388.38     1929.51547  (17013024)                653890.13
4187388.38     1922.20044  (17012520)
        653910.13   4187388.38     1803.31654  (17012520)                653930.13
4187388.38     1865.09244  (17012804)
        653950.13   4187388.38     1841.63274  (17122620)                653970.13
4187388.38     1847.91185  (17122920)
        653990.13   4187388.38     1739.86247  (17122920)                654010.13
4187388.38     1732.46288  (17012903)
        654030.13   4187388.38     1612.98008  (17012903)                654050.13
4187388.38     1691.51551  (17020801)
        654070.13   4187388.38     1674.81890  (17020801)                654090.13
4187388.38     1494.38955  (17020801)
        654110.13   4187388.38     1448.46332  (17120120)                654130.13
4187388.38     1503.05481  (17120120)
        654150.13   4187388.38     1428.49996  (17120120)                654170.13
4187388.38     1365.55839  (17011508)
        654190.13   4187388.38     1337.56022  (17011508)                654210.13
4187388.38     1210.53867  (17012908)
        654230.13   4187388.38     1298.84351  (17012908)                654250.13
4187388.38     1307.66017  (17012908)
        654270.13   4187388.38     1238.32962  (17012908)                654290.13
4187388.38     1158.83061  (17120121)
        654310.13   4187388.38     1086.65101  (17120121)                654330.13
4187388.38     1006.17481  (17013019)
        654350.13   4187388.38     1011.51255  (17013019)                654370.13
4187388.38      958.35491  (17013019)
        654390.13   4187388.38      976.01747  (17122320)                654410.13
4187388.38     1037.52584  (17122320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 780
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654430.13	4187388.38	1060.35576	(17122320)	654450.13	4187388.38	1043.75275	(17122320)
654470.13	4187388.38	991.71292	(17122320)	654490.13	4187388.38	953.69916	(17121219)
653690.13	4187408.38	1872.00336	(17122820)	653710.13	4187408.38	2168.91444	(17123009)
653730.13	4187408.38	2275.49110	(17123009)	653750.13	4187408.38	2043.42051	(17011719)
653770.13	4187408.38	1918.73071	(15011509)	653790.13	4187408.38	1929.70203	(17120822)
653810.13	4187408.38	2117.24822	(17122917)	653830.13	4187408.38	2021.01474	(17122917)
653850.13	4187408.38	1943.27238	(17013024)	653870.13	4187408.38	2007.95372	(17013024)
653890.13	4187408.38	2003.56978	(17012520)	653910.13	4187408.38	1928.13264	(17122319)
653930.13	4187408.38	1962.02529	(17012804)	653950.13	4187408.38	1950.86514	(17122518)
653970.13	4187408.38	1913.68459	(17122920)	653990.13	4187408.38	1806.38465	(17012903)
654010.13	4187408.38	1773.49040	(17012903)	654030.13	4187408.38	1719.96083	(17020801)
654050.13	4187408.38	1784.05386	(17020801)	654070.13	4187408.38	1657.92927	(17020801)
654090.13	4187408.38	1485.03339	(17011208)	654110.13	4187408.38	1571.79527	(17120120)
654130.13	4187408.38	1532.10858	(17120120)	654150.13	4187408.38	1420.11243	(17011508)
654170.13	4187408.38	1417.84667	(17011508)	654190.13	4187408.38	1295.35825	(17011508)
654210.13	4187408.38	1354.61358	(17012908)	654230.13	4187408.38	1373.81870	(17012908)
654250.13	4187408.38	1306.16962	(17012908)	654270.13	4187408.38	1215.99911	(17120121)
654290.13	4187408.38	1139.79268	(17120121)	654310.13	4187408.38	1057.04001	(17013019)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654390.13	4187428.38	1165.32892	(17122320)	654410.13	4187428.38	1124.94296	(17122320)
654430.13	4187428.38	1045.81586	(17122320)	654450.13	4187428.38	1067.33976	(17121219)
654470.13	4187428.38	1060.88416	(17121219)	654490.13	4187428.38	1021.48989	(17121219)
653690.13	4187448.38	2081.32943	(17122820)	653710.13	4187448.38	2366.58666	(17123009)
653730.13	4187448.38	2493.95851	(17123009)	653750.13	4187448.38	2229.70624	(17011719)
653770.13	4187448.38	2092.82988	(15011509)	653790.13	4187448.38	2186.23677	(17122917)
653810.13	4187448.38	2330.25616	(17122917)	653830.13	4187448.38	2096.37965	(17122917)
653850.13	4187448.38	2209.35795	(17013024)	653870.13	4187448.38	2202.96759	(17012520)
653890.13	4187448.38	2097.23484	(17012520)	653910.13	4187448.38	2150.70579	(17012804)
653930.13	4187448.38	2138.17734	(17122620)	653950.13	4187448.38	2119.61350	(17122920)
653970.13	4187448.38	1986.49260	(17012903)	653990.13	4187448.38	1954.11429	(17012903)
654010.13	4187448.38	1913.56010	(17020801)	654030.13	4187448.38	1957.07769	(17020801)
654050.13	4187448.38	1773.38034	(17020801)	654070.13	4187448.38	1677.72065	(17120120)
654090.13	4187448.38	1735.50882	(17120120)	654110.13	4187448.38	1622.06120	(17120120)
654130.13	4187448.38	1583.45422	(17011508)	654150.13	4187448.38	1496.40933	(17011508)
654170.13	4187448.38	1474.71333	(17012908)	654190.13	4187448.38	1521.39086	(17012908)

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        654210.13   4187448.38     1460.29201  (17012908)                654230.13
4187448.38     1345.67670  (17120121)
        654250.13   4187448.38     1260.38087  (17120121)                654270.13
4187448.38     1172.20885  (17013019)
        654290.13   4187448.38     1163.14576  (17013019)                654310.13
4187448.38     1084.71537  (15021508)
        654330.13   4187448.38     1177.70647  (17122320)                654350.13
4187448.38     1226.00647  (17122320)
        654370.13   4187448.38     1220.65221  (17122320)                654390.13
4187448.38     1165.42420  (17122320)
        654410.13   4187448.38     1107.57622  (17121219)                654430.13
4187448.38     1125.51567  (17121219)
        654450.13   4187448.38     1104.50933  (17121219)                654470.13
4187448.38     1049.14328  (17121219)
        654490.13   4187448.38     1040.10776  (17121320)                653690.13
4187468.38     2197.58547  (17122820)
        653710.13   4187468.38     2477.14637  (17123009)                653730.13
4187468.38     2616.48010  (17123009)
        653750.13   4187468.38     2332.90638  (17011719)                653770.13
4187468.38     2187.08964  (15011509)
        653790.13   4187468.38     2339.52347  (17122917)                653810.13
4187468.38     2434.57456  (17122917)
        653830.13   4187468.38     2154.82746  (17013024)                653850.13
4187468.38     2332.12578  (17013024)
        653870.13   4187468.38     2321.86287  (17012520)                653890.13
4187468.38     2226.91926  (17122319)
        653910.13   4187468.38     2263.32715  (17012804)                653930.13
4187468.38     2251.66598  (17122620)
        653950.13   4187468.38     2164.27647  (17122920)                653970.13
4187468.38     2105.60309  (17012903)
        653990.13   4187468.38     1945.71813  (17012903)                654010.13
4187468.38     2070.35684  (17020801)
        654030.13   4187468.38     1969.94918  (17020801)                654050.13
4187468.38     1725.31545  (17011208)
        654070.13   4187468.38     1828.71733  (17120120)                654090.13
4187468.38     1758.77145  (17120120)
        654110.13   4187468.38     1666.41120  (17011508)                654130.13
4187468.38     1606.81903  (17011508)
        654150.13   4187468.38     1539.05510  (17012908)                654170.13
4187468.38     1603.73383  (17012908)
        654190.13   4187468.38     1548.09251  (17012908)                654210.13
4187468.38     1419.50181  (17120121)
        654230.13   4187468.38     1329.08066  (17120121)                654250.13
4187468.38     1237.64562  (17013019)
        654270.13   4187468.38     1221.62799  (17013019)                654290.13
4187468.38     1158.78468  (17122320)
        654310.13   4187468.38     1256.13571  (17122320)                654330.13
4187468.38     1296.60869  (17122320)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   STCK1   , STCK2 , VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

654090.13 4187488.38 1747.22582 (17011508) 654110.13 4187488.38 1723.35976 (17011508)
654130.13 4187488.38 1606.15398 (17012908) 654150.13 4187488.38 1692.46037 (17012908)
654170.13 4187488.38 1644.26879 (17012908) 654190.13 4187488.38 1500.38871 (17120121)
654210.13 4187488.38 1404.39936 (17120121) 654230.13 4187488.38 1309.22196 (17013019)
654250.13 4187488.38 1284.76893 (17013019) 654270.13 4187488.38 1245.64973 (17122320)
654290.13 4187488.38 1340.94968 (17122320) 654310.13 4187488.38 1371.20738 (17122320)
654330.13 4187488.38 1335.65970 (17122320) 654350.13 4187488.38 1243.61351 (17122320)
654370.13 4187488.38 1253.89857 (17121219) 654390.13 4187488.38 1240.63158 (17121219)
654410.13 4187488.38 1182.84843 (17121219) 654430.13 4187488.38 1160.67077 (17121320)
654450.13 4187488.38 1129.90732 (17121320) 654470.13 4187488.38 1127.53506 (17011509)
654490.13 4187488.38 1158.98098 (17011509) 653690.13 4187508.38 2455.93255 (17122820)
653710.13 4187508.38 2725.79262 (17123009) 653730.13 4187508.38 2894.39730 (17123009)
653750.13 4187508.38 2561.50587 (17011719) 653770.13 4187508.38 2409.69552 (17120822)
653790.13 4187508.38 2672.51253 (17122917) 653810.13 4187508.38 2627.63604 (17122917)
653830.13 4187508.38 2533.51151 (17013024) 653850.13 4187508.38 2549.76273 (17012520)
653870.13 4187508.38 2476.15949 (17012520) 653890.13 4187508.38 2516.10797 (17012804)
653910.13 4187508.38 2510.16758 (17122620) 653930.13 4187508.38 2436.44772 (17122920)
653950.13 4187508.38 2346.95164 (17012903) 653970.13 4187508.38 2161.46188 (17020801)
653990.13 4187508.38 2308.46609 (17020801) 654010.13 4187508.38 2139.23413 (17020801)
654030.13 4187508.38 1975.35462 (17120120) 654050.13 4187508.38 2034.54802 (17120120)
654070.13 4187508.38 1860.46169 (17120120) 654090.13 4187508.38 1845.23201 (17011508)
654110.13 4187508.38 1675.83142 (17012908) 654130.13 4187508.38 1788.11689 (17012908)
654150.13 4187508.38 1749.91196 (17012908) 654170.13 4187508.38 1589.30929 (17120121)
654190.13 4187508.38 1487.28045 (17120121) 654210.13 4187508.38 1387.75315 (17013019)
654230.13 4187508.38 1353.05566 (17013019) 654250.13 4187508.38 1341.25862 (17122320)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654310.13	4187508.38	1394.47900	(17122320)	654330.13	4187508.38	1309.11161	(17121219)
654350.13	4187508.38	1329.31513	(17121219)	654370.13	4187508.38	1295.33688	(17121219)
654390.13	4187508.38	1230.63062	(17121320)	654410.13	4187508.38	1218.77367	(17121320)
654430.13	4187508.38	1172.95015	(17011509)	654450.13	4187508.38	1219.10074	(17011509)
654470.13	4187508.38	1235.16364	(17011509)	654490.13	4187508.38	1221.88871	(17011509)
653690.13	4187528.38	2599.05842	(17122820)	653710.13	4187528.38	2866.03482	(17123009)
653730.13	4187528.38	3052.29838	(17123009)	653750.13	4187528.38	2688.39486	(17011719)
653770.13	4187528.38	2572.88483	(17120822)	653790.13	4187528.38	2851.08031	(17122917)
653810.13	4187528.38	2709.48133	(17122917)	653830.13	4187528.38	2721.87309	(17013024)
653850.13	4187528.38	2725.28068	(17012520)	653870.13	4187528.38	2612.51123	(17122319)
653890.13	4187528.38	2646.93363	(17012804)	653910.13	4187528.38	2634.70405	(17122920)
653930.13	4187528.38	2452.45000	(17012903)	653950.13	4187528.38	2426.13663	(17012903)

653970.13 4187528.38 2417.10853 (17020801) 653990.13 4187528.38 2377.57777 (17020801)
654010.13 4187528.38 2040.35474 (17011208) 654030.13 4187528.38 2164.62197 (17120120)
654050.13 4187528.38 2045.06236 (17120120) 654070.13 4187528.38 1971.09572 (17011508)
654090.13 4187528.38 1813.45483 (17011508) 654110.13 4187528.38 1891.27265 (17012908)
654130.13 4187528.38 1866.29265 (17012908) 654150.13 4187528.38 1687.51267 (17012908)
654170.13 4187528.38 1578.83999 (17120121) 654190.13 4187528.38 1474.23116 (17013019)
654210.13 4187528.38 1427.03665 (17013019) 654230.13 4187528.38 1446.66044 (17122320)
654250.13 4187528.38 1531.68762 (17122320) 654270.13 4187528.38 1532.08803 (17122320)
654290.13 4187528.38 1453.31819 (17122320) 654310.13 4187528.38 1404.68359 (17121219)
654330.13 4187528.38 1404.75643 (17121219) 654350.13 4187528.38 1346.19333 (17121219)
654370.13 4187528.38 1307.19597 (17121320) 654390.13 4187528.38 1271.23455 (17121320)
654410.13 4187528.38 1279.70479 (17011509) 654430.13 4187528.38 1310.18490 (17011509)
654450.13 4187528.38 1306.80888 (17011509) 654470.13 4187528.38 1272.19804 (17011509)
654490.13 4187528.38 1211.15969 (17011509) 653690.13 4187548.38 2752.50727 (17122820)
653710.13 4187548.38 3017.99359 (17123009) 653730.13 4187548.38 3224.75163 (17123009)
653750.13 4187548.38 2824.44355 (17011719) 653770.13 4187548.38 2748.44731 (17120822)
653790.13 4187548.38 3034.68480 (17122917) 653810.13 4187548.38 2776.46981 (17122917)
653830.13 4187548.38 2900.14708 (17013024) 653850.13 4187548.38 2872.63474 (17012520)
653870.13 4187548.38 2798.78857 (17122319) 653890.13 4187548.38 2802.66424 (17122620)
653910.13 4187548.38 2761.81574 (17122920) 653930.13 4187548.38 2638.96563 (17012903)
653950.13 4187548.38 2461.01675 (17020801) 653970.13 4187548.38 2588.86129 (17020801)
653990.13 4187548.38 2321.45404 (17020801) 654010.13 4187548.38 2280.89987 (17120120)
654030.13 4187548.38 2237.07317 (17120120) 654050.13 4187548.38 2098.91849 (17011508)
654070.13 4187548.38 1977.61507 (17011508) 654090.13 4187548.38 2002.48624 (17012908)
654110.13 4187548.38 1994.87535 (17012908) 654130.13 4187548.38 1809.61500 (17012908)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   STCK1   , STCK2
, VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       654270.13   4187548.38   1511.27664 (17122320)   654290.13
4187548.38   1503.74526 (17121219)
       654310.13   4187548.38   1478.65937 (17121219)   654330.13
4187548.38   1391.37399 (17121320)
       654350.13   4187548.38   1379.89984 (17121320)   654370.13
4187548.38   1339.46809 (17011509)
       654390.13   4187548.38   1388.18024 (17011509)   654410.13
4187548.38   1398.01091 (17011509)
       654430.13   4187548.38   1370.91407 (17011509)   654450.13
4187548.38   1311.80745 (17011509)
       654470.13   4187548.38   1227.52863 (17011509)   654490.13
4187548.38   1125.71528 (17011509)
       653690.13   4187568.38   2916.63056 (17122820)   653710.13
4187568.38   3183.76811 (17123009)
       653730.13   4187568.38   3414.01021 (17123009)   653750.13
4187568.38   2970.34734 (17011719)
       653770.13   4187568.38   2937.63713 (17120822)   653790.13
4187568.38   3221.42665 (17122917)
       653810.13   4187568.38   2900.20370 (17013024)   653830.13
4187568.38   3058.15328 (17013024)

653850.13 4187568.38 2977.58608 (17012520) 653870.13 4187568.38 2996.40388 (17012804)
653890.13 4187568.38 2982.78407 (17122620) 653910.13 4187568.38 2796.73032 (17122920)
653930.13 4187568.38 2740.57042 (17012903) 653950.13 4187568.38 2749.00829 (17020801)
653970.13 4187568.38 2631.69252 (17020801) 653990.13 4187568.38 2375.16446 (17120120)
654010.13 4187568.38 2431.07241 (17120120) 654030.13 4187568.38 2225.72814 (17011508)
654050.13 4187568.38 2155.49691 (17011508) 654070.13 4187568.38 2122.30672 (17012908)
654090.13 4187568.38 2137.38688 (17012908) 654110.13 4187568.38 1946.43147 (17012908)
654130.13 4187568.38 1793.67451 (17120121) 654150.13 4187568.38 1675.80488 (17013019)
654170.13 4187568.38 1594.61677 (17013019) 654190.13 4187568.38 1691.75582 (17122320)
654210.13 4187568.38 1753.61913 (17122320) 654230.13 4187568.38 1706.55440 (17122320)
654250.13 4187568.38 1582.26515 (17121219) 654270.13 4187568.38 1604.97022 (17121219)
654290.13 4187568.38 1548.99708 (17121219) 654310.13 4187568.38 1488.35936 (17121320)
654330.13 4187568.38 1445.83668 (17121320) 654350.13 4187568.38 1468.08605 (17011509)
654370.13 4187568.38 1495.37125 (17011509) 654390.13 4187568.38 1479.08216 (17011509)
654410.13 4187568.38 1423.99482 (17011509) 654430.13 4187568.38 1337.66467 (17011509)
654450.13 4187568.38 1229.03100 (17011509) 654470.13 4187568.38 1107.10738 (17011509)
654490.13 4187568.38 980.01535 (17011509) 653690.13 4187588.38 3092.25483 (17122820)
653710.13 4187588.38 3364.66157 (17123009) 653730.13 4187588.38 3620.96647 (17123009)
653750.13 4187588.38 3127.18906 (17011719) 653770.13 4187588.38 3183.94414 (17122917)
653790.13 4187588.38 3406.79655 (17122917) 653810.13 4187588.38 3183.84179 (17013024)
653830.13 4187588.38 3244.83139 (17012520) 653850.13 4187588.38 3124.88867 (17122319)
653870.13 4187588.38 3147.98781 (17012804) 653890.13 4187588.38 3154.02646 (17122920)
653910.13 4187588.38 2997.85441 (17012903) 653930.13 4187588.38 2830.85357 (17020801)
653950.13 4187588.38 2920.12846 (17020801) 653970.13 4187588.38 2513.42798 (17020801)
653990.13 4187588.38 2619.76194 (17120120) 654010.13 4187588.38 2414.38958 (17120120)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654030.13	4187588.38	2346.61703	(17011508)	654050.13	4187588.38	2251.21468	(17012908)
654070.13	4187588.38	2295.84486	(17012908)	654090.13	4187588.38	2100.52257	(17012908)
654110.13	4187588.38	1920.54807	(17120121)	654130.13	4187588.38	1793.92343	(17013019)
654150.13	4187588.38	1689.65854	(17013019)	654170.13	4187588.38	1834.24968	(17122320)
654190.13	4187588.38	1877.15470	(17122320)	654210.13	4187588.38	1797.27785	(17122320)
654230.13	4187588.38	1714.13058	(17121219)	654250.13	4187588.38	1706.46516	(17121219)
654270.13	4187588.38	1613.23388	(17121219)	654290.13	4187588.38	1581.26912	(17121320)
654310.13	4187588.38	1548.20666	(17011509)	654330.13	4187588.38	1598.36815	(17011509)
654350.13	4187588.38	1597.30610	(17011509)	654370.13	4187588.38	1549.19256	(17011509)
654390.13	4187588.38	1462.20785	(17011509)	654410.13	4187588.38	1346.74022	(17011509)
654430.13	4187588.38	1213.67518	(17011509)	654450.13	4187588.38	1072.99373	(17011509)
654470.13	4187588.38	932.95860	(17011509)	654490.13	4187588.38	845.49751	(17012523)
653690.13	4187608.38	3336.16104	(17011609)	653710.13	4187608.38	3562.52437	(17123009)

653730.13 4187608.38 3848.15086 (17123009) 653750.13
4187608.38 3333.87582 (15011509)
653770.13 4187608.38 3471.35489 (17122917) 653790.13
4187608.38 3586.14673 (17122917)
653810.13 4187608.38 3468.02354 (17013024) 653830.13
4187608.38 3477.95783 (17012520)
653850.13 4187608.38 3371.08690 (17122319) 653870.13
4187608.38 3407.81668 (17122620)
653890.13 4187608.38 3241.21731 (17122920) 653910.13
4187608.38 3130.54038 (17012903)
653930.13 4187608.38 3154.42753 (17020801) 653950.13
4187608.38 2917.94633 (17020801)
653970.13 4187608.38 2792.01439 (17120120) 653990.13
4187608.38 2689.06328 (17120120)
654010.13 4187608.38 2549.51857 (17011508) 654030.13
4187608.38 2389.52418 (17012908)
654050.13 4187608.38 2472.57891 (17012908) 654070.13
4187608.38 2275.00436 (17012908)
654090.13 4187608.38 2063.49726 (17120121) 654110.13
4187608.38 1926.11564 (17013019)
654130.13 4187608.38 1830.38736 (17122320) 654150.13
4187608.38 1992.12757 (17122320)
654170.13 4187608.38 2009.20961 (17122320) 654190.13
4187608.38 1888.77411 (17122320)
654210.13 4187608.38 1852.22515 (17121219) 654230.13
4187608.38 1805.58711 (17121219)
654250.13 4187608.38 1716.96310 (17121320) 654270.13
4187608.38 1666.01705 (17121320)
654290.13 4187608.38 1705.87843 (17011509) 654310.13
4187608.38 1725.94574 (17011509)
654330.13 4187608.38 1688.98624 (17011509) 654350.13
4187608.38 1603.52230 (17011509)
654370.13 4187608.38 1481.55653 (17011509) 654390.13
4187608.38 1336.25559 (17011509)
654410.13 4187608.38 1179.98159 (17011509) 654430.13
4187608.38 1023.10932 (17011509)
654450.13 4187608.38 911.74255 (17012523) 654470.13
4187608.38 909.86613 (17122619)
654490.13 4187608.38 923.82483 (17122619) 653690.13
4187628.38 3633.52397 (17011609)
653710.13 4187628.38 3784.16575 (17123009) 653730.13
4187628.38 4102.68744 (17123009)
653750.13 4187628.38 3567.36301 (15011509) 653770.13
4187628.38 3781.34870 (17122917)
653790.13 4187628.38 3750.87464 (17122917) 653810.13
4187628.38 3739.95389 (17013024)
653830.13 4187628.38 3658.28700 (17122701) 653850.13
4187628.38 3642.62637 (17012804)
653870.13 4187628.38 3628.98877 (17122920) 653890.13
4187628.38 3446.40904 (17012903)

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        653910.13   4187628.38     3295.28603  (17020801)                653930.13
4187628.38     3313.82735  (17020801)
        653950.13   4187628.38     2933.84601  (17120120)                653970.13
4187628.38     2975.00145  (17120120)
        653990.13   4187628.38     2761.19369  (17011508)                654010.13
4187628.38     2537.35081  (17012908)
        654030.13   4187628.38     2670.33152  (17012908)                654050.13
4187628.38     2473.76793  (17012908)
        654070.13   4187628.38     2225.54154  (17120121)                654090.13
4187628.38     2074.79672  (17013019)
        654110.13   4187628.38     2014.26130  (17122320)                654130.13
4187628.38     2167.09302  (17122320)
        654150.13   4187628.38     2149.49202  (17122320)                654170.13
4187628.38     1979.24327  (17122320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 786
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                  VOL4        , VOL5        , VOL6        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        654190.13   4187628.38     1994.41712  (17121219)                654210.13
4187628.38     1898.82281  (17121219)
        654230.13   4187628.38     1838.78141  (17121320)                654250.13
4187628.38     1815.80901  (17011509)
        654270.13   4187628.38     1864.88176  (17011509)                654290.13
4187628.38     1844.97915  (17011509)
        654310.13   4187628.38     1764.39884  (17011509)                654330.13
4187628.38     1636.82729  (17011509)
        654350.13   4187628.38     1478.21565  (17011509)                654370.13
4187628.38     1304.00042  (17011509)
        654390.13   4187628.38     1127.30901  (17011509)                654410.13
4187628.38      987.26464  (17012523)
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654430.13 4187628.38 987.86085 (17122619) 654450.13 4187628.38 1000.76562 (17122619)
654470.13 4187628.38 996.18527 (17122619) 654490.13 4187628.38 975.80962 (17122619)
653690.13 4187648.38 3957.30311 (17011609) 653710.13 4187648.38 4026.64950 (17123009)
653730.13 4187648.38 4385.90415 (17123009) 653750.13 4187648.38 3826.32692 (15011509)
653770.13 4187648.38 4117.68322 (17122917) 653790.13 4187648.38 3892.86717 (17122917)
653810.13 4187648.38 3979.77527 (17013024) 653830.13 4187648.38 3821.31495 (17122319)
653850.13 4187648.38 3901.79632 (17122620) 653870.13 4187648.38 3798.24584 (17122920)
653890.13 4187648.38 3624.02869 (17012903) 653910.13 4187648.38 3657.59420 (17020801)
653930.13 4187648.38 3235.27885 (17020801) 653950.13 4187648.38 3260.48939 (17120120)
653970.13 4187648.38 2976.57998 (17011508) 653990.13 4187648.38 2799.46517 (17011508)
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654130.13 4187648.38 2297.21446 (17122320) 654150.13 4187648.38 2161.18557 (17121219)
654170.13 4187648.38 2137.41167 (17121219) 654190.13 4187648.38 2012.64324 (17121320)
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654250.13 4187648.38 2018.62845 (17011509) 654270.13 4187648.38 1948.06464 (17011509)
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654450.13 4187648.38 1051.94190 (17122619) 654470.13 4187648.38 1009.41485 (17122619)
654490.13 4187648.38 955.15010 (17122619) 653690.13 4187668.38 4302.97724 (17011609)
653710.13 4187668.38 4287.31636 (17123009) 653730.13 4187668.38 4690.93531 (17123009)
653750.13 4187668.38 4104.00639 (15011509) 653770.13 4187668.38 4470.48388 (17122917)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654150.13	4187668.38	2276.39336	(17121219)	654170.13	4187668.38	2177.46219	(17121320)
654190.13	4187668.38	2168.37029	(17011509)	654210.13	4187668.38	2210.92332	(17011509)
654230.13	4187668.38	2158.15767	(17011509)	654250.13	4187668.38	2026.31565	(17011509)
654270.13	4187668.38	1838.64944	(17011509)	654290.13	4187668.38	1619.77967	(17011509)

654310.13 4187668.38 1391.52097 (17011509) 654330.13 4187668.38 1174.53278 (17012523)
654350.13 4187668.38 1181.07849 (17122619) 654370.13 4187668.38 1189.66603 (17122619)
654390.13 4187668.38 1174.12117 (17122619) 654410.13 4187668.38 1137.64397 (17122619)
654430.13 4187668.38 1084.24395 (17122619) 654450.13 4187668.38 1018.22695 (17122619)
654470.13 4187668.38 984.62637 (17121906) 654490.13 4187668.38 949.55516 (17121906)
653690.13 4187688.38 4678.63098 (17011609) 653710.13 4187688.38 4572.85805 (17123009)
653730.13 4187688.38 5025.76249 (17123009) 653750.13 4187688.38 4403.88006 (15011509)
653770.13 4187688.38 4825.98498 (17122917) 653790.13 4187688.38 4605.48732 (17013024)
653810.13 4187688.38 4612.20385 (17122701) 653830.13 4187688.38 4536.88619 (17012804)
653850.13 4187688.38 4501.02921 (17122920) 653870.13 4187688.38 4259.27614 (17012903)
653890.13 4187688.38 4285.09753 (17020801) 653910.13 4187688.38 3754.46858 (17120120)
653930.13 4187688.38 3754.11729 (17120120) 653950.13 4187688.38 3481.18316 (17011508)
653970.13 4187688.38 3423.86311 (17012908) 653990.13 4187688.38 3271.20654 (17012908)
654010.13 4187688.38 2869.96528 (17120121) 654030.13 4187688.38 2652.83582 (17013019)
654050.13 4187688.38 2742.50869 (17122320) 654070.13 4187688.38 2811.50929 (17122320)
654090.13 4187688.38 2607.69982 (17122320) 654110.13 4187688.38 2577.63747 (17121219)
654130.13 4187688.38 2406.86637 (17121320) 654150.13 4187688.38 2330.51174 (17121320)
654170.13 4187688.38 2421.75133 (17011509) 654190.13 4187688.38 2398.62943 (17011509)
654210.13 4187688.38 2272.08747 (17011509) 654230.13 4187688.38 2069.83878 (17011509)
654250.13 4187688.38 1823.29945 (17011509) 654270.13 4187688.38 1561.15510 (17011509)
654290.13 4187688.38 1305.61888 (17011509) 654310.13 4187688.38 1302.16041 (17122619)
654330.13 4187688.38 1306.80236 (17122619) 654350.13 4187688.38 1282.78594 (17122619)
654370.13 4187688.38 1234.55113 (17122619) 654390.13 4187688.38 1167.41537 (17122619)
654410.13 4187688.38 1099.10016 (17121906) 654430.13 4187688.38 1063.75114 (17121906)
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654490.13 4187688.38 989.74614 (17020824) 653690.13
4187708.38 5083.95576 (17011609)
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4187708.38 5396.57633 (17123009)
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4187708.38 5179.41272 (17122917)
653790.13 4187708.38 5035.13836 (17013024) 653810.13
4187708.38 4814.57103 (17122701)
653830.13 4187708.38 4982.93200 (17122620) 653850.13
4187708.38 4752.75729 (17012903)
653870.13 4187708.38 4658.80620 (17020801) 653890.13
4187708.38 4332.17408 (17020801)
653910.13 4187708.38 4215.37422 (17120120) 653930.13
4187708.38 3870.15831 (17011508)
653950.13 4187708.38 3742.18670 (17012908) 653970.13
4187708.38 3630.81021 (17012908)
653990.13 4187708.38 3158.92153 (17120121) 654010.13
4187708.38 2904.88390 (17013019)
654030.13 4187708.38 3063.18862 (17122320) 654050.13
4187708.38 3070.53239 (17122320)
654070.13 4187708.38 2851.82042 (17121219) 654090.13
4187708.38 2792.19613 (17121219)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654110.13	4187708.38	2638.96061	(17121320)	654130.13	4187708.38	2648.83264	(17011509)
654150.13	4187708.38	2673.15200	(17011509)	654170.13	4187708.38	2561.80003	(17011509)

654190.13 4187708.38 2346.86614 (17011509) 654210.13
4187708.38 2068.51697 (17011509)
654230.13 4187708.38 1765.07811 (17011509) 654250.13
4187708.38 1466.63592 (17011509)
654270.13 4187708.38 1445.04004 (17122619) 654290.13
4187708.38 1443.80471 (17122619)
654310.13 4187708.38 1408.26050 (17122619) 654330.13
4187708.38 1344.62013 (17122619)
654350.13 4187708.38 1260.00295 (17122619) 654370.13
4187708.38 1199.42561 (17121906)
654390.13 4187708.38 1150.80845 (17121906) 654410.13
4187708.38 1123.75364 (17020824)
654430.13 4187708.38 1103.38597 (17020824) 654450.13
4187708.38 1069.12995 (17020824)
654470.13 4187708.38 1023.72776 (17020824) 654490.13
4187708.38 969.94709 (17020824)
653690.13 4187728.38 5526.98795 (17011609) 653710.13
4187728.38 5273.00094 (17123009)
653730.13 4187728.38 5824.58250 (17123009) 653750.13
4187728.38 5192.30534 (17120822)
653770.13 4187728.38 5528.71395 (17122917) 653790.13
4187728.38 5416.97549 (17013024)
653810.13 4187728.38 5325.54260 (17012804) 653830.13
4187728.38 5401.64737 (17122920)
653850.13 4187728.38 5100.93675 (17012903) 653870.13
4187728.38 5081.54079 (17020801)
653890.13 4187728.38 4662.02226 (17120120) 653910.13
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653930.13 4187728.38 4101.81743 (17012908) 653950.13
4187728.38 4056.95648 (17012908)
653970.13 4187728.38 3500.99053 (17120121) 653990.13
4187728.38 3197.38790 (17013019)
654010.13 4187728.38 3435.15380 (17122320) 654030.13
4187728.38 3351.80674 (17122320)
654050.13 4187728.38 3179.07236 (17121219) 654070.13
4187728.38 2998.83936 (17121219)
654090.13 4187728.38 2886.11009 (17011509) 654110.13
4187728.38 2984.78881 (17011509)
654130.13 4187728.38 2905.08029 (17011509) 654150.13
4187728.38 2682.19591 (17011509)
654170.13 4187728.38 2367.72695 (17011509) 654190.13
4187728.38 2013.48855 (17011509)
654210.13 4187728.38 1661.05661 (17011509) 654230.13
4187728.38 1615.63740 (17122619)
654250.13 4187728.38 1605.65381 (17122619) 654270.13
4187728.38 1554.24419 (17122619)
654290.13 4187728.38 1470.20152 (17122619) 654310.13
4187728.38 1363.14814 (17122619)
654330.13 4187728.38 1312.06917 (17121906) 654350.13
4187728.38 1258.90969 (17020824)

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        654370.13   4187728.38     1240.03033  (17020824)               654390.13
4187728.38     1202.85874  (17020824)
        654410.13   4187728.38     1151.04492  (17020824)               654430.13
4187728.38     1088.30912  (17020824)
        654450.13   4187728.38     1018.16371  (17020824)               654470.13
4187728.38      943.75277  (17020824)
        654490.13   4187728.38      930.05956  (17011303)               653690.13
4187748.38     6007.63985  (17011609)
        653710.13   4187748.38     5735.35708  (17123009)               653730.13
4187748.38     6347.45570  (17123009)
        653750.13   4187748.38     5805.44637  (17122917)               653770.13
4187748.38     5862.81840  (17122917)
        653790.13   4187748.38     5957.63072  (17122701)               653810.13
4187748.38     5887.59253  (17122620)
        653830.13   4187748.38     5744.89803  (17012903)               653850.13
4187748.38     5687.71026  (17020801)
        653870.13   4187748.38     5043.42921  (17120120)               653890.13
4187748.38     4934.62778  (17120120)
        653910.13   4187748.38     4507.19873  (17012908)               653930.13
4187748.38     4567.16763  (17012908)
        653950.13   4187748.38     3911.00107  (17120121)               653970.13
4187748.38     3544.82424  (17122320)
        653990.13   4187748.38     3867.73757  (17122320)               654010.13
4187748.38     3652.67691  (17122320)
        654030.13   4187748.38     3525.83241  (17121219)               654050.13
4187748.38     3297.24215  (17121320)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 789
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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654070.13 4187748.38 3333.46681 (17011509) 654090.13
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654150.13 4187748.38 2320.84873 (17011509) 654170.13
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654190.13 4187748.38 1822.08990 (17122619) 654210.13
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654230.13 4187748.38 1725.49109 (17122619) 654250.13
4187748.38 1614.11195 (17122619)
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654310.13 4187748.38 1406.56580 (17020824) 654330.13
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653810.13 4187768.38 6567.63890 (17122920) 653830.13
4187768.38 6264.41597 (17012903)
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4187768.38 3712.04807 (17011509)
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4187768.38 3601.95566 (17011509)
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4187768.38 2708.41981 (17011509)
654130.13 4187768.38 2196.14826 (17011509) 654150.13
4187768.38 2075.90134 (17122619)
654170.13 4187768.38 2032.99908 (17122619) 654190.13
4187768.38 1928.13587 (17122619)
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4187768.38 1679.78584 (17121906)

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        654250.13   4187768.38     1612.63912  (17020824)                654270.13
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        654290.13   4187768.38     1502.58734  (17020824)                654310.13
4187768.38     1413.82925  (17020824)
        654330.13   4187768.38     1311.95495  (17020824)                654350.13
4187768.38     1203.05443  (17020824)
        654370.13   4187768.38     1196.91453  (17011303)                654390.13
4187768.38     1181.15787  (17011303)
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4187768.38     1116.06753  (17011303)
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4187768.38     1020.44918  (17011303)
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4187788.38     7014.05214  (17011609)
        653710.13   4187788.38     7111.12031  (17011609)                653730.13
4187788.38     7700.14230  (17123009)
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4187788.38     7292.75749  (17013024)
        653790.13   4187788.38     7115.48616  (17012804)                653810.13
4187788.38     7131.18695  (17012903)
        653830.13   4187788.38     7116.78605  (17020801)                653850.13
4187788.38     6553.31763  (17120120)
        653870.13   4187788.38     5987.53672  (17011508)                653890.13
4187788.38     5941.33617  (17012908)
        653910.13   4187788.38     5025.59331  (17120121)                653930.13
4187788.38     4803.24379  (17122320)
        653950.13   4187788.38     4955.90405  (17122320)                653970.13
4187788.38     4622.29431  (17121219)
        653990.13   4187788.38     4295.70218  (17121320)                654010.13
4187788.38     4367.90073  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 790
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654030.13	4187788.38	4239.62077	(17011509)	654050.13	4187788.38	3805.88934	(17011509)
654070.13	4187788.38	3207.81286	(17011509)	654090.13	4187788.38	2574.09886	(17011509)
654110.13	4187788.38	2393.76052	(17122619)	654130.13	4187788.38	2320.32182	(17122619)
654150.13	4187788.38	2170.17405	(17122619)	654170.13	4187788.38	1988.16443	(17121906)
654190.13	4187788.38	1876.09691	(17121906)	654210.13	4187788.38	1831.76954	(17020824)
654230.13	4187788.38	1752.20251	(17020824)	654250.13	4187788.38	1644.08148	(17020824)
654270.13	4187788.38	1517.68171	(17020824)	654290.13	4187788.38	1389.61110	(17011303)
654310.13	4187788.38	1380.96322	(17011303)	654330.13	4187788.38	1354.31760	(17011303)
654350.13	4187788.38	1312.88835	(17011303)	654370.13	4187788.38	1259.93343	(17011303)
654390.13	4187788.38	1198.52264	(17011303)	654410.13	4187788.38	1131.42681	(17011303)
654430.13	4187788.38	1088.84302	(17121319)	654450.13	4187788.38	1074.18518	(17121319)
654470.13	4187788.38	1052.94064	(17121319)	654490.13	4187788.38	1026.22357	(17121319)
653690.13	4187808.38	7568.36954	(17011609)	653710.13	4187808.38	8090.67659	(17011609)
653730.13	4187808.38	8504.37331	(17123009)	653750.13	4187808.38	8400.29585	(17122917)
653770.13	4187808.38	8187.38819	(17122701)	653790.13	4187808.38	8263.38979	(17122620)
653810.13	4187808.38	7970.09716	(17012903)	653830.13	4187808.38	7404.14668	(17020801)
653850.13	4187808.38	6919.42794	(17011508)	653870.13	4187808.38	6877.06436	(17012908)
653890.13	4187808.38	5801.81055	(17120121)	653910.13	4187808.38	5683.42514	(17122320)
653930.13	4187808.38	5629.84842	(17122320)	653950.13	4187808.38	5271.86234	(17121219)
653970.13	4187808.38	5020.89037	(17011509)	653990.13	4187808.38	5045.38249	(17011509)
654010.13	4187808.38	4594.77073	(17011509)	654030.13	4187808.38	3868.45344	(17011509)
654050.13	4187808.38	3067.30303	(17011509)	654070.13	4187808.38	2800.77134	(17122619)
654090.13	4187808.38	2679.11769	(17122619)	654110.13	4187808.38	2461.97989	(17122619)

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        654130.13   4187808.38     2268.71199  (17121906)                654150.13
4187808.38     2171.77609  (17020824)
        654170.13   4187808.38     2079.97365  (17020824)                654190.13
4187808.38     1945.62521  (17020824)
        654210.13   4187808.38     1784.77692  (17020824)                654230.13
4187808.38     1636.56990  (17011303)
        654250.13   4187808.38     1616.27235  (17011303)                654270.13
4187808.38     1572.43490  (17011303)
        654290.13   4187808.38     1510.19406  (17011303)                654310.13
4187808.38     1434.50268  (17011303)
        654330.13   4187808.38     1349.83885  (17011303)                654350.13
4187808.38     1283.55749  (17121319)
        654370.13   4187808.38     1262.65920  (17121319)                654390.13
4187808.38     1232.81543  (17121319)
        654410.13   4187808.38     1195.77071  (17121319)                654430.13
4187808.38     1153.16310  (17121319)
        654450.13   4187808.38     1106.45923  (17121319)                654470.13
4187808.38     1056.95931  (17121319)
        654490.13   4187808.38     1005.77832  (17121319)                653690.13
4187828.38     8139.48592  (17011609)
        653710.13   4187828.38     9237.55488  (17011609)                653730.13
4187828.38     9416.30237  (17123009)
        653750.13   4187828.38     9445.50471  (17122917)                653770.13
4187828.38     9254.77996  (17122701)
        653790.13   4187828.38     9320.40750  (17122920)                653810.13
4187828.38     9194.30235  (17020801)
        653830.13   4187828.38     8433.35678  (17120120)                653850.13
4187828.38     8044.52542  (17012908)
        653870.13   4187828.38     6801.97851  (17120121)                653890.13
4187828.38     6811.33549  (17122320)
        653910.13   4187828.38     6393.23710  (17122320)                653930.13
4187828.38     5945.88606  (17121320)
        653950.13   4187828.38     6064.54015  (17011509)                653970.13
4187828.38     5657.74754  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 791
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653990.13	4187828.38	4771.29358	(17011509)	654010.13	4187828.38	3731.02770	(17011509)
654030.13	4187828.38	3336.19554	(17122619)	654050.13	4187828.38	3135.90310	(17122619)
654070.13	4187828.38	2816.90933	(17122619)	654090.13	4187828.38	2628.71546	(17020824)
654110.13	4187828.38	2524.96877	(17020824)	654130.13	4187828.38	2354.16815	(17020824)
654150.13	4187828.38	2142.82707	(17020824)	654170.13	4187828.38	1965.63799	(17011303)
654190.13	4187828.38	1925.11209	(17011303)	654210.13	4187828.38	1853.24690	(17011303)
654230.13	4187828.38	1758.54019	(17011303)	654250.13	4187828.38	1648.73458	(17011303)
654270.13	4187828.38	1546.33925	(17121319)	654290.13	4187828.38	1515.51374	(17121319)
654310.13	4187828.38	1472.07699	(17121319)	654330.13	4187828.38	1418.92099	(17121319)
654350.13	4187828.38	1358.67363	(17121319)	654370.13	4187828.38	1293.63120	(17121319)
654390.13	4187828.38	1225.74235	(17121319)	654410.13	4187828.38	1176.13857	(17010504)
654430.13	4187828.38	1140.94150	(17010504)	654450.13	4187828.38	1102.45293	(17010504)
654470.13	4187828.38	1061.60210	(17010504)	654490.13	4187828.38	1019.19920	(17010504)
653690.13	4187848.38	8810.05228	(13122919)	653710.13	4187848.38	10513.14259	(17011609)
653730.13	4187848.38	10497.37666	(17123009)	653750.13	4187848.38	10536.70713	(17013024)
653770.13	4187848.38	10835.99556	(17122318)	653790.13	4187848.38	10700.25011	(17012903)
653810.13	4187848.38	10178.79180	(17120120)	653830.13	4187848.38	9529.36846	(17012908)
653850.13	4187848.38	8131.59013	(17012908)	653870.13	4187848.38	8280.12136	(17122320)
653890.13	4187848.38	7692.45936	(17121219)	653910.13	4187848.38	7328.06037	(17011509)
653930.13	4187848.38	7128.95851	(17011509)	653950.13	4187848.38	6056.01572	(17011509)
653970.13	4187848.38	4660.14001	(17011509)	653990.13	4187848.38	4064.55827	(17122619)

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        654010.13   4187848.38     3730.41070  (17122619)               654030.13
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        654050.13   4187848.38     3155.26658  (17020824)               654070.13
4187848.38     2932.34235  (17020824)
        654090.13   4187848.38     2642.83564  (17020824)               654110.13
4187848.38     2420.98578  (17011303)
        654130.13   4187848.38     2343.77180  (17011303)               654150.13
4187848.38     2224.22762  (17011303)
        654170.13   4187848.38     2076.99327  (17011303)               654190.13
4187848.38     1916.70136  (17121319)
        654210.13   4187848.38     1869.13984  (17121319)               654230.13
4187848.38     1802.89314  (17121319)
        654250.13   4187848.38     1723.14527  (17121319)               654270.13
4187848.38     1634.37873  (17121319)
        654290.13   4187848.38     1540.34338  (17121319)               654310.13
4187848.38     1457.20648  (17010504)
        654330.13   4187848.38     1406.13334  (17010504)               654350.13
4187848.38     1350.39941  (17010504)
        654370.13   4187848.38     1291.61335  (17010504)               654390.13
4187848.38     1231.12375  (17010504)
        654410.13   4187848.38     1170.02635  (17010504)               654430.13
4187848.38     1130.50648  (17122519)
        654450.13   4187848.38     1109.13401  (17122519)               654470.13
4187848.38     1085.54570  (17122519)
        654490.13   4187848.38     1060.21166  (17122519)               653690.13
4187868.38     9893.97502  (14012608)
        653710.13   4187868.38    11946.36365  (17011609)               653730.13
4187868.38    11755.62698  (17123009)
        653750.13   4187868.38    12372.52933  (17013024)               653770.13
4187868.38    12737.09267  (17012903)
        653790.13   4187868.38    12314.03851  (17020801)               653810.13
4187868.38    11438.06741  (17012908)
        653830.13   4187868.38    10093.18250  (17012908)               653850.13
4187868.38    10221.87880  (17122320)
        653870.13   4187868.38     9242.97109  (17121219)               653890.13
4187868.38     9212.23736  (17011509)
        653910.13   4187868.38     7981.16360  (17011509)               653930.13
4187868.38     6029.77449  (17011509)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 792
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
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VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653950.13	4187868.38	5098.55618	(17122619)	653970.13	4187868.38	4523.59249	(17122619)
653990.13	4187868.38	4098.20864	(17020824)	654010.13	4187868.38	3799.64195	(17020824)
654030.13	4187868.38	3380.27405	(17020824)	654050.13	4187868.38	3082.76445	(17011303)
654070.13	4187868.38	2934.85118	(17011303)	654090.13	4187868.38	2729.55876	(17011303)
654110.13	4187868.38	2493.36654	(17011303)	654130.13	4187868.38	2391.80655	(17121319)
654150.13	4187868.38	2284.17873	(17121319)	654170.13	4187868.38	2157.18173	(17121319)
654190.13	4187868.38	2019.13430	(17121319)	654210.13	4187868.38	1877.47061	(17010504)
654230.13	4187868.38	1798.33392	(17010504)	654250.13	4187868.38	1712.27723	(17010504)
654270.13	4187868.38	1622.37628	(17010504)	654290.13	4187868.38	1531.03855	(17010504)
654310.13	4187868.38	1462.32141	(17122519)	654330.13	4187868.38	1426.72096	(17122519)
654350.13	4187868.38	1387.85341	(17122519)	654370.13	4187868.38	1346.61589	(17122519)
654390.13	4187868.38	1303.78613	(17122519)	654410.13	4187868.38	1260.00455	(17122519)
654430.13	4187868.38	1215.79827	(17122519)	654450.13	4187868.38	1171.59896	(17122519)
654470.13	4187868.38	1127.75820	(17122519)	654490.13	4187868.38	1084.55560	(17122519)
653690.13	4187888.38	11622.09429	(13011517)	653830.13	4187888.38	12817.09343	(17122320)
653850.13	4187888.38	12152.93357	(17011509)	653870.13	4187888.38	11062.03658	(17011509)
653890.13	4187888.38	8198.93203	(17011509)	653910.13	4187888.38	6650.91168	(17122619)
653930.13	4187888.38	5677.52468	(17121906)	653950.13	4187888.38	5211.32755	(17020824)
653970.13	4187888.38	4553.87650	(17020824)	653990.13	4187888.38	4110.89946	(17011303)

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        654010.13   4187888.38     3814.11169  (17011303)                654030.13
4187888.38     3442.89128  (17011303)
        654050.13   4187888.38     3226.56686  (17121319)                654070.13
4187888.38     3034.96435  (17121319)
        654090.13   4187888.38     2815.17778  (17121319)                654110.13
4187888.38     2584.09596  (17121319)
        654130.13   4187888.38     2425.50171  (17010504)                654150.13
4187888.38     2279.91343  (17010504)
        654170.13   4187888.38     2130.15781  (17010504)                654190.13
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        654210.13   4187888.38     1936.85588  (17122519)                654230.13
4187888.38     1866.56625  (17122519)
        654250.13   4187888.38     1793.25718  (17122519)                654270.13
4187888.38     1718.51960  (17122519)
        654290.13   4187888.38     1643.58928  (17122519)                654310.13
4187888.38     1569.41553  (17122519)
        654330.13   4187888.38     1496.69620  (17122519)                654350.13
4187888.38     1425.94610  (17122519)
        654370.13   4187888.38     1357.52789  (17122519)                654390.13
4187888.38     1291.68704  (17122519)
        654410.13   4187888.38     1228.57048  (17122519)                654430.13
4187888.38     1183.56831  (17122719)
        654450.13   4187888.38     1144.06029  (17122719)                654470.13
4187888.38     1105.31359  (17122719)
        654490.13   4187888.38     1067.45890  (17122719)                653690.13
4187908.38    13218.40242  (14010204)
        653830.13   4187908.38    16385.90492  (17011509)                653850.13
4187908.38    12014.77117  (17011509)
        653870.13   4187908.38     9167.59529  (17122619)                653890.13
4187908.38     7808.43411  (17020824)
        653910.13   4187908.38     6648.05203  (17020824)                653930.13
4187908.38     5868.42508  (17011303)
        653950.13   4187908.38     5214.80988  (17011303)                653970.13
4187908.38     4724.88721  (17121319)
        653990.13   4187908.38     4332.15056  (17121319)                654010.13
4187908.38     3901.18266  (17121319)
        654030.13   4187908.38     3553.98124  (17010504)                654050.13
4187908.38     3270.10170  (17010504)
        654070.13   4187908.38     2999.50230  (17122519)                654090.13
4187908.38     2860.13073  (17122519)
        654110.13   4187908.38     2713.22374  (17122519)                654130.13
4187908.38     2564.05316  (17122519)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 793
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654150.13	4187908.38	2416.41725	(17122519)	654170.13	4187908.38	2272.81939	(17122519)
654190.13	4187908.38	2134.87514	(17122519)	654210.13	4187908.38	2003.60233	(17122519)
654230.13	4187908.38	1879.46838	(17122519)	654250.13	4187908.38	1766.12500	(17122719)
654270.13	4187908.38	1687.49869	(17122719)	654290.13	4187908.38	1611.58454	(17122719)
654310.13	4187908.38	1538.64029	(17122719)	654330.13	4187908.38	1468.79863	(17122719)
654350.13	4187908.38	1402.11710	(17122719)	654370.13	4187908.38	1338.59218	(17122719)
654390.13	4187908.38	1278.17895	(17122719)	654410.13	4187908.38	1220.79833	(17122719)
654430.13	4187908.38	1166.34157	(17122719)	654450.13	4187908.38	1114.69778	(17122719)
654470.13	4187908.38	1065.74633	(17122719)	654490.13	4187908.38	1019.35926	(17122719)
653690.13	4187928.38	17373.27459	(13123102)	653830.13	4187928.38	13718.39699	(17122619)
653850.13	4187928.38	11183.50087	(17020824)	653870.13	4187928.38	9353.93826	(17011303)
653890.13	4187928.38	8004.26713	(17121319)	653910.13	4187928.38	6971.88057	(17121319)
653930.13	4187928.38	6035.06280	(17010504)	653950.13	4187928.38	5324.43598	(17010504)
653970.13	4187928.38	4908.00637	(17122519)	653990.13	4187928.38	4510.44606	(17122519)
654010.13	4187928.38	4127.81281	(17122519)	654030.13	4187928.38	3769.66867	(17122519)
654050.13	4187928.38	3440.03743	(17122519)	654070.13	4187928.38	3139.73137	(17122519)
654090.13	4187928.38	2899.07093	(17122719)	654110.13	4187928.38	2706.35746	(17122719)

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        654130.13   4187928.38     2527.37966  (17122719)                654150.13
4187928.38     2361.74421  (17122719)
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        654210.13   4187928.38     1937.93949  (17122719)                654230.13
4187928.38     1818.22562  (17122719)
        654250.13   4187928.38     1707.88593  (17122719)                654270.13
4187928.38     1614.96018  (17122621)
        654290.13   4187928.38     1546.19516  (17122621)                654310.13
4187928.38     1481.58131  (17122621)
        654330.13   4187928.38     1420.83807  (17122621)                654350.13
4187928.38     1363.69402  (17122621)
        654370.13   4187928.38     1309.88914  (17122621)                654390.13
4187928.38     1259.19480  (17122621)
        654410.13   4187928.38     1211.39088  (17122621)                654430.13
4187928.38     1166.27260  (17122621)
        654450.13   4187928.38     1123.65077  (17122621)                654470.13
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        654490.13   4187928.38     1045.23249  (17122621)                653690.13
4187948.38    27639.32354  (17021308)
        653830.13   4187948.38    14447.53027  (17010504)                653850.13
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        653870.13   4187948.38    10013.91890  (17122519)                653890.13
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        653910.13   4187948.38     7128.02841  (17122719)                653930.13
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4187948.38     4857.77278  (17122719)
        653990.13   4187948.38     4325.32166  (17122719)                654010.13
4187948.38     3914.09659  (17122621)
        654030.13   4187948.38     3595.03918  (17122621)                654050.13
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        654070.13   4187948.38     3068.22589  (17122621)                654090.13
4187948.38     2849.30592  (17122621)
        654110.13   4187948.38     2654.26880  (17122621)                654130.13
4187948.38     2479.73520  (17122621)
        654150.13   4187948.38     2322.88225  (17122621)                654170.13
4187948.38     2181.31963  (17122621)
        654190.13   4187948.38     2053.11576  (17122621)                654210.13
4187948.38     1936.59357  (17122621)
        654230.13   4187948.38     1830.34201  (17122621)                654250.13
4187948.38     1733.15835  (17122621)
        654270.13   4187948.38     1644.01943  (17122621)                654290.13
4187948.38     1562.03054  (17122621)
        654310.13   4187948.38     1486.43107  (17122621)                654330.13
4187948.38     1416.54577  (17122621)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654350.13	4187948.38	1351.80886	(17122621)	654370.13	4187948.38	1291.70152	(17122621)
654390.13	4187948.38	1235.78841	(17122621)	654410.13	4187948.38	1183.67170	(17122621)
654430.13	4187948.38	1135.00545	(17122621)	654450.13	4187948.38	1089.48344	(17122621)
654470.13	4187948.38	1046.83515	(17122621)	654490.13	4187948.38	1006.82061	(17122621)
653690.13	4187968.38	32313.92680	(17011121)	653830.13	4187968.38	14964.87363	(14022208)
653850.13	4187968.38	11901.58464	(14022208)	653870.13	4187968.38	9772.33928	(14022208)
653890.13	4187968.38	8218.77331	(14022208)	653910.13	4187968.38	7053.19832	(16010203)
653930.13	4187968.38	6171.46775	(16010203)	653950.13	4187968.38	5463.75467	(16010203)
653970.13	4187968.38	4884.91304	(16010203)	653990.13	4187968.38	4403.96270	(16010203)
654010.13	4187968.38	3998.91046	(16010203)	654030.13	4187968.38	3653.83383	(16010203)
654050.13	4187968.38	3356.88829	(16010203)	654070.13	4187968.38	3099.02473	(16010203)
654090.13	4187968.38	2873.34516	(16010203)	654110.13	4187968.38	2674.45107	(16010203)
654130.13	4187968.38	2498.02891	(16010203)	654150.13	4187968.38	2340.63938	(16010203)
654170.13	4187968.38	2199.48324	(16010203)	654190.13	4187968.38	2072.30659	(16010203)
654210.13	4187968.38	1957.21338	(16010203)	654230.13	4187968.38	1852.63756	(16010203)

654250.13 4187968.38 1757.27427 (16010203) 654270.13
4187968.38 1669.99864 (16010203)
654290.13 4187968.38 1589.89073 (16010203) 654310.13
4187968.38 1516.12565 (16010203)
654330.13 4187968.38 1448.02418 (16010203) 654350.13
4187968.38 1384.98414 (16010203)
654370.13 4187968.38 1326.49143 (16010203) 654390.13
4187968.38 1272.09334 (16010203)
654410.13 4187968.38 1221.39232 (16010203) 654430.13
4187968.38 1174.04058 (16010203)
654450.13 4187968.38 1129.73485 (16010203) 654470.13
4187968.38 1088.20272 (16010203)
654490.13 4187968.38 1049.21435 (16010203) 653690.13
4187988.38 36280.73366 (16012009)
653830.13 4187988.38 13159.23926 (13032807) 653850.13
4187988.38 10863.31031 (14010519)
653870.13 4187988.38 9251.44186 (15122424) 653890.13
4187988.38 8013.81015 (14021603)
653910.13 4187988.38 6963.47674 (14021603) 653930.13
4187988.38 6127.88284 (14022208)
653950.13 4187988.38 5559.99778 (14022208) 653970.13
4187988.38 5061.21420 (14022208)
653990.13 4187988.38 4623.63164 (14022208) 654010.13
4187988.38 4239.28064 (14022208)
654030.13 4187988.38 3900.81570 (14022208) 654050.13
4187988.38 3601.70896 (14022208)
654070.13 4187988.38 3336.36642 (14022208) 654090.13
4187988.38 3100.08775 (14022208)
654110.13 4187988.38 2888.87212 (14022208) 654130.13
4187988.38 2699.36127 (14022208)
654150.13 4187988.38 2528.68074 (14022208) 654170.13
4187988.38 2374.41750 (14022208)
654190.13 4187988.38 2234.52366 (14022208) 654210.13
4187988.38 2107.24398 (14022208)
654230.13 4187988.38 1991.11224 (14022208) 654250.13
4187988.38 1884.84670 (14022208)
654270.13 4187988.38 1787.33570 (14022208) 654290.13
4187988.38 1697.62886 (14022208)
654310.13 4187988.38 1614.90782 (14022208) 654330.13
4187988.38 1538.44758 (14022208)
654350.13 4187988.38 1467.62191 (14022208) 654370.13
4187988.38 1401.87807 (14022208)
654390.13 4187988.38 1340.65770 (14022208) 654410.13
4187988.38 1283.59490 (14022208)
654430.13 4187988.38 1230.30679 (14022208) 654450.13
4187988.38 1180.46433 (14022208)
654470.13 4187988.38 1133.76611 (14022208) 654490.13
4187988.38 1091.71008 (13123017)
653655.14 4187974.84 21799.14478 (17123101) 653791.22
4188024.71 11743.10990 (17120704)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653827.99	4188054.29	8486.55479	(17022407)	653851.66	4188036.97	8229.34188	(13121617)
653905.33	4188036.12	6360.30695	(14011317)	653749.81	4188104.17	7887.74671	(17012905)
653938.30	4188029.78	5436.69212	(15010317)	653988.59	4188027.67	4238.84385	(13032807)
654041.42	4188038.23	3344.59793	(13032807)	653989.86	4188051.76	4108.39726	(15010317)
653634.01	4187869.18	9032.12224	(16010309)	653624.71	4187963.01	15844.77797	(17121420)
653582.87	4187962.16	11549.63095	(17013008)	653701.20	4188100.78	8921.99055	(17012717)
654582.91	4187495.31	963.44678	(17011509)	654554.33	4187451.49	1049.57561	(17011509)
654607.68	4187449.58	1006.93889	(17011509)	654492.60	4186914.23	635.28346	(17120120)
654507.05	4186910.79	604.56291	(17120120)	654509.12	4186964.47	651.91872	(17011508)
653809.30	4186919.71	955.96462	(15041307)	654342.28	4186818.67	616.93221	(17020801)
655092.49	4187197.56	515.57638	(17011509)	654238.71	4186303.37	442.32160	(17012520)
655153.11	4188271.10	440.23796	(17122919)	653689.06	4188008.65	24571.09696	(17030306)
653683.67	4188032.40	17948.66373	(17022607)	653706.08	4188038.27	14723.68999	(17012717)

653679.42 4188056.68 13963.82591 (17120219) 653658.84
4188047.21 14876.76734 (17020506)
653702.97 4188063.08 12289.48646 (17012717) 653675.63
4188081.17 10934.77345 (17120219)
653653.68 4188071.07 11172.50733 (17122724) 653699.87
4188087.89 10091.16777 (17012717)
653668.64 4188130.42 6678.64378 (15021408) 653645.12
4188119.60 7834.67327 (17022607)
653621.60 4188108.77 7261.41913 (16120505) 653693.66
4188137.50 7039.31116 (17012717)
653663.21 4188180.40 5084.13598 (17012717) 653641.26
4188170.29 5803.89983 (17120219)
653619.30 4188160.19 5754.98086 (17022607) 653597.35
4188150.08 5238.65784 (16020808)
653575.40 4188139.97 5592.23234 (17122909) 653687.45
4188187.11 5171.01801 (17012717)
653656.54 4188229.80 4124.96246 (17012717) 653633.67
4188219.27 4112.91507 (17120219)
653610.81 4188208.75 4512.84365 (17120619) 653587.94
4188198.22 4206.75611 (17122724)
653565.07 4188187.69 4059.72072 (16120505) 653542.20
4188177.17 4286.22814 (17122909)
653681.24 4188236.72 4040.23026 (17020802) 653650.00
4188279.26 3417.07098 (17012717)
653626.48 4188268.43 3143.88400 (17120705) 653602.96
4188257.61 3736.85826 (17120219)
653579.44 4188246.78 3698.73411 (17022607) 653555.92
4188235.95 3429.08885 (17122724)
653532.40 4188225.12 3264.52720 (15022501) 653508.88
4188214.30 3424.07515 (17122909)
653675.02 4188286.34 3308.12760 (17020802) 653643.55
4188328.76 2868.05285 (17012717)
653619.54 4188317.71 2654.35465 (15021408) 653595.53
4188306.66 2931.33616 (17120219)
653571.52 4188295.60 3051.78842 (17120619) 653547.50
4188284.55 2889.09319 (17022607)
653523.49 4188273.50 2769.23365 (17122724) 653499.48
4188262.44 2731.95286 (17123104)
653475.47 4188251.39 2817.09663 (17122909) 653668.81
4188335.95 2771.50573 (17020802)
653631.37 4188428.10 2093.76198 (17012717) 653607.85
4188417.27 1980.51152 (17012717)
653584.33 4188406.45 1916.70230 (17120705) 653560.81
4188395.62 2148.15497 (17120219)
653537.29 4188384.79 2266.56096 (17120619) 653513.77
4188373.96 2250.65930 (17022607)
653490.25 4188363.13 2030.86590 (17122724) 653466.73
4188352.31 1969.80257 (16020808)
653443.21 4188341.48 1951.86240 (15022501) 653419.68
4188330.65 2066.87254 (17020506)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653546.19	4188493.83	1540.52940	(17120705)	653522.04	4188482.72	1708.94421	(17120219)
653497.90	4188471.60	1757.73847	(17120619)	653473.75	4188460.48	1751.18820	(17022607)
653449.60	4188449.37	1546.56458	(17121506)	653425.45	4188438.25	1584.04731	(17122724)
653401.30	4188427.13	1495.86564	(16120505)	653377.16	4188416.02	1538.40150	(17123104)
653353.01	4188404.90	1583.35496	(17020506)	653643.97	4188534.40	1608.35424	(17020802)
653606.40	4188626.49	1278.00260	(17122622)	653582.61	4188615.54	1319.87007	(17012717)
653558.83	4188604.60	1224.49640	(17020403)	653535.05	4188593.65	1208.78601	(15021408)
653511.27	4188582.70	1249.07964	(17120705)	653487.49	4188571.75	1371.66776	(17120219)
653463.70	4188560.80	1421.09930	(17120619)	653439.92	4188549.86	1393.80022	(17022607)
653416.14	4188538.91	1352.25229	(17022607)	653392.36	4188527.96	1255.04440	(17122724)
653368.58	4188517.01	1254.95630	(17122724)	653344.79	4188506.06	1203.23216	(16120505)

653321.01 4188495.12 1213.79599 (17123104) 653297.23 4188484.17 1283.85531 (17020506)
653273.45 4188473.22 1241.85796 (17022406) 653631.55 4188633.63 1306.53834 (17020802)
653593.76 4188725.62 1045.42957 (17122901) 653569.55 4188714.47 1096.12623 (17012717)
653545.33 4188703.33 1054.38814 (17012717) 653521.12 4188692.18 1015.09337 (17020403)
653496.91 4188681.03 998.19556 (17120705) 653472.70 4188669.89 1040.67019 (17020407)
653448.48 4188658.74 1159.81694 (17120219) 653424.27 4188647.60 1183.59167 (17120619)
653400.06 4188636.45 1149.05938 (17022607) 653375.85 4188625.30 1147.11059 (17022607)
653351.63 4188614.16 1037.80805 (17121506) 653327.42 4188603.01 1063.14992 (17122724)
653303.21 4188591.86 1013.03096 (16020808) 653279.00 4188580.72 1000.98955 (16120505)
653254.78 4188569.57 1029.12280 (17123104) 653230.57 4188558.43 1063.36363 (17020506)
653206.36 4188547.28 1028.82408 (17022406) 653619.13 4188732.85 1090.59335 (17020802)
653581.48 4188824.91 883.05757 (17122901) 653557.56 4188813.90 924.24236 (17122622)
653533.64 4188802.88 922.53563 (17012717) 653509.71 4188791.87 869.07064 (17020403)
653485.79 4188780.86 860.87698 (15021408) 653461.87 4188769.85 869.63669 (17120705)
653437.95 4188758.83 886.85571 (17020407) 653414.02 4188747.82 979.33908 (17120219)
653390.10 4188736.81 1006.36928 (17120219) 653366.18 4188725.80 961.06018 (17120619)
653342.25 4188714.78 997.50460 (17022607) 653318.33 4188703.77 907.02811 (17022607)
653294.41 4188692.76 878.29425 (17122724) 653270.49 4188681.74 894.80947 (17122724)
653246.56 4188670.73 856.41774 (16020808) 653222.64 4188659.72 848.51801 (16120505)
653198.72 4188648.71 858.39416 (17123104) 653174.79 4188637.69 898.70727 (17020506)
653150.87 4188626.68 883.46142 (17122909) 653606.70 4188832.08 928.94290 (17020802)
653550.32 4189072.92 614.18353 (17122901) 653526.17 4189061.81 648.12672 (17122622)
653502.02 4189050.69 658.67079 (17012717) 653477.87 4189039.57 650.82838 (17012717)
653453.72 4189028.46 613.44482 (17020403) 653429.58 4189017.34 613.35773 (17020403)
653405.43 4189006.22 597.27864 (15021408) 653381.28 4188995.11 627.80666 (17120705)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653163.95	4188895.06	631.82814	(17122724)	653139.80	4188883.94	684.14522	(13011909)
653115.65	4188872.83	715.18947	(13011909)	653091.50	4188861.71	677.92725	(13011909)
653067.36	4188850.59	601.20522	(15022501)	653043.21	4188839.48	615.49393	(17123104)
653019.06	4188828.36	635.28639	(17020506)	652994.91	4188817.24	625.74116	(17020506)
652970.76	4188806.13	616.76402	(17022406)	653575.65	4189080.14	663.48714	(17020802)
653519.38	4189321.04	468.35033	(17020802)	653495.48	4189310.04	478.16062	(17122901)
653471.58	4189299.04	501.29257	(17122622)	653447.68	4189288.04	500.72544	(17012717)
653423.78	4189277.03	492.32367	(17012717)	653399.88	4189266.03	458.60835	(17020403)
653375.98	4189255.03	473.00010	(17020403)	653352.08	4189244.03	464.07305	(15021408)

653328.18 4189233.02 453.77322 (15122702) 653304.28
4189222.02 478.23772 (17120705)
653280.38 4189211.02 479.70521 (17020407) 653256.48
4189200.02 475.31742 (17120219)
653232.58 4189189.02 531.27119 (17120219) 653208.68
4189178.01 547.67711 (17120219)
653184.78 4189167.01 542.76542 (17120619) 653160.88
4189156.01 509.24253 (17120619)
653136.98 4189145.01 537.07130 (17022607) 653113.08
4189134.00 529.99432 (17022607)
653089.18 4189123.00 481.20439 (17022607) 653065.28
4189112.00 476.68054 (17121506)
653041.38 4189101.00 492.65448 (13011909) 653017.48
4189089.99 570.47753 (13011909)
652993.58 4189078.99 613.40301 (13011909) 652969.68
4189067.99 612.70778 (13011909)
652945.78 4189056.99 569.77883 (13011909) 652921.88
4189045.99 495.27861 (13011909)
652897.98 4189034.98 457.83932 (17123104) 652874.08
4189023.98 475.50807 (17123104)
652850.18 4189012.98 483.73165 (17020506) 652826.28
4189001.98 472.09950 (17122909)
652802.38 4188990.97 467.30717 (17022406) 653544.59
4189328.20 505.44339 (17020802)
653488.25 4189569.07 377.81574 (17020802) 653464.19
4189558.00 374.47495 (17122901)
653440.14 4189546.92 389.48765 (17122622) 653416.08
4189535.85 399.87074 (17122622)
653392.02 4189524.77 397.21740 (17012717) 653367.96
4189513.70 388.24130 (17012717)
653343.90 4189502.62 362.58640 (17012717) 653319.85
4189491.55 376.31329 (17020403)
653295.79 4189480.47 368.50180 (15021408) 653271.73
4189469.40 362.77086 (15021408)
653247.67 4189458.32 363.38156 (15122702) 653223.62
4189447.25 382.39793 (17120705)
653199.56 4189436.17 381.73006 (17020407) 653175.50
4189425.10 375.75623 (17020407)
653151.44 4189414.02 409.72255 (17120219) 653127.38
4189402.95 433.57037 (17120219)
653103.33 4189391.87 430.52677 (17120619) 653079.27
4189380.80 427.23194 (17120619)
653055.21 4189369.72 406.58506 (17122403) 653031.15
4189358.65 426.27976 (17022607)
653007.10 4189347.57 424.52888 (17022607) 652983.04
4189336.50 395.07984 (17022607)
652958.98 4189325.42 375.09071 (17121506) 652934.92
4189314.35 375.40909 (17121506)
652910.86 4189303.27 445.14217 (13011909) 652886.81
4189292.20 505.57291 (13011909)

652862.75 4189281.12 541.01783 (13011909) 652838.69
4189270.05 545.48157 (13011909)
652814.63 4189258.97 519.27964 (13011909) 652790.58
4189247.90 467.49528 (13011909)
652766.52 4189236.82 399.47858 (13011909) 652742.46
4189225.75 367.00166 (17123104)
652718.40 4189214.67 377.26949 (17123104) 652694.35
4189203.60 383.69322 (17020506)
652670.29 4189192.52 373.78270 (17122909) 652646.23
4189181.45 370.70803 (17022406)
653513.54 4189576.27 402.20366 (17020802) 653457.14
4189817.11 313.26388 (17020802)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653432.96	4189805.98	301.33879	(17122901)	653408.79	4189794.85	311.49666	(17122901)
653384.62	4189783.72	325.98427	(17122622)	653360.44	4189772.59	326.51717	(17122622)
653336.27	4189761.47	324.70176	(17012717)	653312.09	4189750.34	316.17781	(17012717)
653287.92	4189739.21	296.46728	(17012717)	653263.75	4189728.08	307.81298	(17020403)
653239.57	4189716.95	306.20318	(17020403)	653215.40	4189705.82	301.32627	(15021408)
653191.22	4189694.69	291.48442	(15122702)	653167.05	4189683.57	301.22984	(17120705)
653142.87	4189672.44	314.89520	(17120705)	653118.70	4189661.31	313.57164	(17020407)

653094.53 4189650.18 310.23514 (17020407) 653070.35
4189639.05 325.35113 (17120219)
653046.18 4189627.92 350.11816 (17120219) 653022.00
4189616.80 356.99176 (17120219)
652997.83 4189605.67 355.05307 (17120619) 652973.66
4189594.54 345.69046 (17120619)
652949.48 4189583.41 334.59675 (17122403) 652925.31
4189572.28 349.12500 (17022607)
652901.13 4189561.15 349.82041 (17022607) 652876.96
4189550.02 331.26278 (17022607)
652852.79 4189538.90 304.18631 (13012604) 652828.61
4189527.77 311.10869 (17121506)
652804.44 4189516.64 344.78362 (13011909) 652780.26
4189505.51 405.32237 (13011909)
652756.09 4189494.38 454.22582 (13011909) 652731.91
4189483.25 484.62313 (13011909)
652707.74 4189472.13 492.21094 (13011909) 652683.57
4189461.00 476.27530 (13011909)
652659.39 4189449.87 439.71838 (13011909) 652635.22
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652611.04 4189427.61 328.85900 (13011909) 652586.87
4189416.48 302.91371 (17123104)
652562.70 4189405.36 309.17161 (17123104) 652538.52
4189394.23 314.16414 (17020506)
652514.35 4189383.10 309.00645 (17020506) 652490.17
4189371.97 303.27685 (17122909)
652466.00 4189360.84 303.48617 (17022406) 653482.48
4189824.33 330.25980 (17020802)
653395.06 4190313.25 228.58770 (17020802) 653370.96
4190302.15 212.83591 (17020802)
653346.85 4190291.06 218.43243 (17122901) 653322.74
4190279.96 223.64503 (17122901)
653298.63 4190268.86 233.29416 (17122622) 653274.53
4190257.76 236.62936 (17122622)
653250.42 4190246.67 231.71113 (17012717) 653226.31
4190235.57 231.52215 (17012717)
653202.21 4190224.47 225.05040 (17012717) 653178.10
4190213.37 230.63539 (16041907)
653153.99 4190202.27 247.21070 (16041907) 653129.89
4190191.18 252.98416 (16041907)
653105.78 4190180.08 247.25660 (16041907) 653081.67
4190168.98 230.91735 (16041907)
653057.56 4190157.88 210.40352 (15021408) 653033.46
4190146.79 213.30647 (15122702)
653009.35 4190135.69 220.89436 (17120705) 652985.24
4190124.59 227.26475 (17120705)
652961.14 4190113.49 225.10406 (17020407) 652937.03
4190102.40 226.07411 (17020407)
652912.92 4190091.30 225.20294 (17121109) 652888.82
4190080.20 257.17809 (17121109)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652479.00	4189891.54	396.45935	(13011909)	652454.89	4189880.45	411.00791	(13011909)
652430.78	4189869.35	411.37917	(13011909)	652406.68	4189858.25	397.74839	(13011909)
652382.57	4189847.15	371.83309	(13011909)	652358.46	4189836.06	336.55672	(13011909)
652334.36	4189824.96	295.45890	(13011909)	652310.25	4189813.86	252.08750	(13011909)
652286.14	4189802.76	215.93712	(17123104)	652262.04	4189791.67	222.01105	(17123104)

652237.93 4189780.57 223.10713 (17020506) 652213.82
4189769.47 225.50735 (17020506)
652189.72 4189758.37 220.63920 (17020506) 652165.61
4189747.28 217.33879 (17122909)
652141.50 4189736.18 218.57610 (17022406) 653420.38
4190320.46 237.87861 (17020802)
653332.88 4190809.34 176.31647 (17020802) 653308.63
4190798.18 166.61761 (17020802)
653284.38 4190787.02 161.22865 (17122901) 653260.13
4190775.85 167.75865 (17122901)
653235.88 4190764.69 170.68232 (17122901) 653211.63
4190753.53 177.68860 (17122622)
653187.38 4190742.36 181.18921 (17122622) 653163.13
4190731.20 179.07829 (17122622)
653138.88 4190720.04 176.65564 (17012717) 653114.63
4190708.87 174.99392 (17012717)
653090.38 4190697.71 174.42583 (16041907) 653066.13
4190686.55 194.04474 (16041907)
653041.88 4190675.38 208.71155 (16041907) 653017.63
4190664.22 216.53663 (16041907)
652993.38 4190653.06 216.79898 (16041907) 652969.13
4190641.89 209.46809 (16041907)
652944.88 4190630.73 195.43687 (16041907) 652920.63
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652896.38 4190608.40 161.43066 (15122702) 652872.13
4190597.24 163.95807 (15122702)
652847.88 4190586.08 171.73040 (17120705) 652823.63
4190574.91 174.06025 (17120705)
652799.38 4190563.75 172.48534 (17020407) 652775.13
4190552.59 173.54292 (17020407)
652750.88 4190541.42 179.02010 (17121109) 652726.63
4190530.26 206.50108 (17121109)
652702.38 4190519.10 228.92970 (17121109) 652678.13
4190507.93 243.69190 (17121109)
652653.88 4190496.77 248.99632 (17121109) 652629.63
4190485.61 244.26120 (17121109)
652605.38 4190474.44 230.21908 (17121109) 652581.13
4190463.28 208.74139 (17121109)
652556.88 4190452.12 182.40246 (17121109) 652532.63
4190440.95 184.77649 (17122403)
652508.38 4190429.79 189.32052 (17022607) 652484.13
4190418.63 193.57537 (17022607)
652459.88 4190407.46 191.70900 (17022607) 652435.63
4190396.30 183.97621 (17022607)
652411.38 4190385.14 189.41398 (14112809) 652387.13
4190373.97 210.60221 (14112809)
652362.88 4190362.81 222.60214 (14112809) 652338.63
4190351.64 223.67793 (14112809)
652314.38 4190340.48 224.60464 (13011909) 652290.13
4190329.32 259.26341 (13011909)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652265.88	4190318.15	291.70620	(13011909)	652241.63	4190306.99	319.62663	(13011909)
652217.38	4190295.83	340.88358	(13011909)	652193.13	4190284.66	353.76851	(13011909)
652168.88	4190273.50	357.24772	(13011909)	652144.63	4190262.34	351.13211	(13011909)
652120.38	4190251.17	336.07405	(13011909)	652096.13	4190240.01	313.46774	(13011909)
652071.88	4190228.85	285.21467	(13011909)	652047.63	4190217.68	253.45035	(13011909)
652023.38	4190206.52	220.29667	(13011909)	651999.13	4190195.36	187.59917	(13011909)
651974.88	4190184.19	166.65128	(17123104)	651950.63	4190173.03	169.83684	(17123104)
651926.38	4190161.87	169.81582	(17020506)	651902.13	4190150.70	172.24840	(17020506)
651877.88	4190139.54	170.34396	(17020506)	651853.63	4190128.38	166.04386	(17122909)
651829.38	4190117.21	165.04349	(17022406)	651805.13	4190106.05	167.02567	(17022406)
653358.27	4190816.59	182.04473	(17020802)	653270.80	4191305.49	141.38258	(17020802)
653246.61	4191294.35	135.01675	(17020802)	653222.42	4191283.21	126.22169	(17020802)
653198.23	4191272.08	129.75790	(17122901)	653174.04	4191260.94	133.91230	(17122901)

653149.84 4191249.80 135.75239 (17122901) 653125.65
4191238.67 140.92488 (17122622)
653101.46 4191227.53 144.29868 (17122622) 653077.27
4191216.39 144.11886 (17122622)
653053.08 4191205.26 140.41448 (17122622) 653028.89
4191194.12 140.01443 (17012717)
653004.70 4191182.99 138.17206 (17012717) 652980.51
4191171.85 151.56505 (16041907)
652956.31 4191160.71 168.09247 (16041907) 652932.12
4191149.58 181.28381 (16041907)
652907.93 4191138.44 190.06566 (16041907) 652883.74
4191127.30 193.70162 (16041907)
652859.55 4191116.17 191.83361 (16041907) 652835.36
4191105.03 184.68184 (16041907)
652811.17 4191093.89 172.93904 (16041907) 652786.98
4191082.76 157.63050 (16041907)
652762.78 4191071.62 141.66219 (16122209) 652738.59
4191060.49 136.66486 (16122209)
652714.40 4191049.35 132.61915 (17120705) 652690.21
4191038.21 137.82107 (17120705)
652666.02 4191027.08 139.02645 (17120705) 652641.83
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652472.49 4190937.99 220.95155 (17121109) 652448.30
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652424.11 4190915.71 210.25495 (17121109) 652399.91
4190904.58 195.59236 (17121109)
652375.72 4190893.44 176.52144 (17121109) 652351.53
4190882.30 154.76987 (17121109)
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4190860.03 149.10228 (17022607)
652278.96 4190848.90 153.58893 (17022607) 652254.77
4190837.76 154.23182 (17022607)
652230.58 4190826.62 151.00897 (17022607) 652206.38
4190815.49 144.40595 (14112809)
652182.19 4190804.35 166.23766 (14112809) 652158.00
4190793.21 183.96990 (14112809)
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4190748.67 198.64130 (13011909)
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4190726.40 251.95776 (13011909)
651988.66 4190715.26 275.10722 (13011909) 651964.47
4190704.12 294.04260 (13011909)

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        651940.28   4190692.99      307.55498  (13011909)               651916.09
4190681.85      314.77387  (13011909)
        651891.90   4190670.71      315.24875  (13011909)               651867.71
4190659.58      309.01582  (13011909)
        651843.51   4190648.44      296.57369  (13011909)               651819.32
4190637.30      278.83721  (13011909)
        651795.13   4190626.17      257.00130  (13011909)               651770.94
4190615.03      232.39991  (13011909)
        651746.75   4190603.90      206.22352  (13011909)               651722.56
4190592.76      179.79245  (13011909)
        651698.37   4190581.62      154.28758  (13011909)               651674.18
4190570.49      131.85286  (17123104)
        651649.98   4190559.35      134.94221  (17123104)               651625.79
4190548.21      134.99306  (17123104)
        651601.60   4190537.08      136.25355  (17020506)               651577.41
4190525.94      136.93493  (17020506)
        651553.22   4190514.80      134.88311  (17020506)               651529.03
4190503.67      131.49887  (17122909)
        651504.84   4190492.53      130.44814  (17022406)               651480.65
4190481.40      132.75606  (17022406)
        651456.45   4190470.26      132.26652  (17022406)               653296.16
4191312.71      145.18744  (17020802)
        653208.71   4191801.62      116.58814  (17020802)               653184.57
4191790.51      112.16759  (17020802)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 801
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                 VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        653160.42   4191779.39      106.02825  (17020802)               653136.27
4191768.27      102.95139  (17122901)
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        653112.12   4191757.16      107.19557  (17122901)              653087.97
4191746.04      110.00043  (17122901)
        653063.83   4191734.92      112.94864  (15102308)              653039.68
4191723.81      118.26589  (15102308)
        653015.53   4191712.69      121.29874  (15102308)              652991.38
4191701.58      121.82914  (15102308)
        652967.23   4191690.46      119.85277  (15102308)              652943.09
4191679.34      115.46882  (15102308)
        652918.94   4191668.23      114.17594  (17012717)              652894.79
4191657.11      118.11830  (16041907)
        652870.64   4191645.99      133.39911  (16041907)              652846.49
4191634.88      147.37321  (16041907)
        652822.35   4191623.76      159.17332  (16041907)              652798.20
4191612.64      168.00385  (16041907)
        652774.05   4191601.53      173.21214  (16041907)              652749.90
4191590.41      174.41922  (16041907)
        652725.75   4191579.29      171.57757  (16041907)              652701.61
4191568.18      164.92441  (16041907)
        652677.46   4191557.06      154.99107  (16041907)              652653.31
4191545.95      142.41821  (16041907)
        652629.16   4191534.83      128.39604  (16122209)              652605.01
4191523.71      125.72493  (16122209)
        652580.87   4191512.60      119.64065  (16122209)              652556.72
4191501.48      110.71231  (16122209)
        652532.57   4191490.36      113.80465  (17120705)              652508.42
4191479.25      114.43464  (17120705)
        652484.27   4191468.13      112.49845  (17020407)              652460.13
4191457.01      114.36458  (17020407)
        652435.98   4191445.90      115.49431  (17121109)              652411.83
4191434.78      134.76681  (17121109)
        652387.68   4191423.67      153.44737  (17121109)              652363.53
4191412.55      170.33836  (17121109)
        652339.39   4191401.43      184.21522  (17121109)              652315.24
4191390.32      194.00763  (17121109)
        652291.09   4191379.20      198.92337  (17121109)              652266.94
4191368.08      198.57258  (17121109)
        652242.79   4191356.97      193.02703  (17121109)              652218.65
4191345.85      182.80483  (17121109)
        652194.50   4191334.73      168.77494  (17121109)              652170.35
4191323.62      152.05071  (17121109)
        652146.20   4191312.50      133.81589  (17121109)              652122.05
4191301.38      120.99260  (17122403)
        652097.91   4191290.27      121.59175  (17122403)              652073.76
4191279.15      125.22919  (17022607)
        652049.61   4191268.04      126.90008  (17022607)              652025.46
4191256.92      125.93532  (17022607)
        652001.31   4191245.80      122.41821  (17022607)              651977.17
4191234.69      130.21273  (14112809)
        651953.02   4191223.57      148.21105  (14112809)              651928.87
4191212.45      163.34495  (14112809)
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        651904.72   4191201.34      174.20237  (14112809)                651880.57
4191190.22      179.72797  (14112809)
        651856.43   4191179.10      179.39559  (14112809)                651832.28
4191167.99      173.30729  (14112809)
        651808.13   4191156.87      177.70112  (13011909)                651783.98
4191145.76      199.97037  (13011909)
        651759.84   4191134.64      221.35391  (13011909)                651735.69
4191123.52      240.70408  (13011909)
        651711.54   4191112.41      257.05320  (13011909)                651687.39
4191101.29      269.74888  (13011909)
        651663.24   4191090.17      278.14802  (13011909)                651639.10
4191079.06      281.57735  (13011909)
        651614.95   4191067.94      279.83855  (13011909)                651590.80
4191056.82      273.18541  (13011909)
        651566.65   4191045.71      262.04674  (13011909)                651542.50
4191034.59      247.43818  (13011909)
        651518.36   4191023.47      230.08435  (13011909)                651494.21
4191012.36      210.78076  (13011909)
        651470.06   4191001.24      190.17013  (13011909)                651445.91
4190990.13      169.02845  (13011909)
        651421.76   4190979.01      148.21081  (13011909)                651397.62
4190967.89      128.30532  (13011909)
        651373.47   4190956.78      109.81418  (13011909)                651349.32
4190945.66      110.31622  (17123104)
        651325.17   4190934.54      111.09922  (17123104)                651301.02
4190923.43      110.43762  (17020506)
        651276.88   4190912.31      112.19747  (17020506)                651252.73
4190901.19      112.10389  (17020506)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 802
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        653736.84   4188438.66     2190.43429  (17012720)                653761.39
4188438.66     2006.63509  (17012720)
        653785.94   4188438.66     1842.78673  (13121321)                653810.49
4188438.66     2026.50540  (17012905)
        653689.52   4188537.24     1552.47001  (17121308)                653666.74
4188535.82     1669.33263  (17120618)
        653712.29   4188538.66     1687.43877  (17122408)                653736.84
4188538.66     1699.68473  (17012720)
        653761.39   4188538.66     1636.33747  (17012720)                653785.94
4188538.66     1451.49812  (13020121)
        653810.49   4188538.66     1466.28308  (17012905)                653692.10
4188637.40     1266.04990  (17121308)
        653736.84   4188638.66     1379.50588  (17122408)                653761.39
4188638.66     1358.23103  (17012720)
        653785.94   4188638.66     1205.81772  (17021222)                653810.49
4188638.66     1163.36094  (13121321)
        653689.00   4188737.21     1053.67273  (17121308)                653665.71
4188735.76     1068.20685  (17120618)
        653642.42   4188734.30     1124.04203  (17120618)                653712.29
4188738.66     1150.76853  (17122408)
        653736.84   4188738.66     1154.56586  (17122408)                653761.39
4188738.66     1146.39355  (17012720)
        653785.94   4188738.66     1011.06423  (17012720)                653810.49
4188738.66      974.28937  (13020121)
        653691.17   4188837.34      903.63825  (17120206)                653648.94
4188834.71      936.32817  (17120618)
        653736.84   4188838.66      985.12565  (17122408)                653761.39
4188838.66      981.43735  (17012720)
        653785.94   4188838.66      897.70253  (17012720)                653810.49
4188838.66      849.55214  (17021222)
        653689.52   4189087.24      652.75031  (17120206)                653666.74
4189085.82      640.66827  (17121308)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                 PAGE 803
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653643.97	4189084.40	620.68430	(17120618)	653621.20	4189082.98	672.46624	(17120618)
653598.42	4189081.56	674.85857	(17120618)	653712.29	4189088.66	703.13915	(17122408)
653736.84	4189088.66	705.28587	(17122408)	653761.39	4189088.66	700.57234	(17012720)
653785.94	4189088.66	677.96347	(17012720)	653810.49	4189088.66	606.12444	(17021222)
653688.33	4189337.17	502.29115	(14012009)	653664.38	4189335.67	483.99716	(17121308)
653640.42	4189334.18	481.91301	(17121308)	653616.46	4189332.69	484.79015	(17120618)
653592.51	4189331.19	513.87240	(17120618)	653568.55	4189329.70	510.84274	(17120618)
653712.29	4189338.66	536.47856	(17122408)	653736.84	4189338.66	537.85668	(17122408)
653761.39	4189338.66	528.72426	(17012720)	653785.94	4189338.66	527.72975	(17012720)
653810.49	4189338.66	493.62752	(17012720)	653690.21	4189587.28	449.75777	(14012009)
653646.04	4189584.53	396.18646	(14012009)	653601.87	4189581.78	374.59815	(17120618)
653557.71	4189579.02	410.16483	(17120618)	653736.84	4189588.66	428.20696	(17122408)
653761.39	4189588.66	415.56397	(17012720)	653785.94	4189588.66	422.55078	(17012720)
653810.49	4189588.66	408.19169	(17012720)	653689.31	4189837.23	406.59005	(14012009)
653666.33	4189835.79	395.03052	(14012009)	653643.35	4189834.36	368.11194	(14012009)
653620.37	4189832.93	329.72983	(14012009)	653597.39	4189831.50	306.21428	(17121308)
653574.41	4189830.06	313.63547	(17120618)	653551.43	4189828.63	331.08708	(17120618)
653528.45	4189827.20	336.23006	(17120618)	653505.47	4189825.76	332.77130	(17020802)
653712.29	4189838.66	400.80307	(14012009)	653736.84	4189838.66	376.30092	(14012009)
653761.39	4189838.66	336.67971	(17012720)	653785.94	4189838.66	346.42707	(17012720)
653810.49	4189838.66	341.85573	(17012720)	653687.96	4190337.14	342.78978	(14012009)
653663.64	4190335.63	338.51902	(14012009)	653639.31	4190334.11	322.99647	(14012009)

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        653614.99   4190332.59      298.10782  (14012009)                653590.66
4190331.08      266.52865  (14012009)
        653566.33   4190329.56      231.28777  (14012009)                653542.01
4190328.04      217.38866  (17120618)
        653517.68   4190326.53      232.17044  (17120618)                653493.35
4190325.01      240.30719  (17120618)
        653469.03   4190323.49      241.09203  (17120618)                653444.70
4190321.98      239.47510  (17020802)
        653712.29   4190338.66      335.14093  (14012009)                653736.84
4190338.66      316.20040  (14012009)
        653761.39   4190338.66      287.77454  (14012009)                653785.94
4190338.66      252.74965  (14012009)
        653810.49   4190338.66      249.07414  (17012720)                653688.69
4190837.19      296.54857  (14012009)
        653665.09   4190835.72      296.88600  (14012009)                653641.49
4190834.25      289.83464  (14012009)
        653617.88   4190832.77      276.04891  (14012009)                653594.28
4190831.30      256.70030  (14012009)
        653570.68   4190829.83      233.27668  (14012009)                653547.08
4190828.36      207.40322  (14012009)
        653523.48   4190826.89      180.64846  (14012009)                653499.88
4190825.42      165.59467  (17120618)
        653476.27   4190823.94      175.62409  (17120618)                653452.67
4190822.47      182.09855  (17120618)
        653429.07   4190821.00      184.59961  (17120618)                653405.47
4190819.53      182.99476  (17120618)
        653381.87   4190818.06      183.25617  (17020802)                653712.29
4190838.66      288.76438  (14012009)
        653736.84   4190838.66      273.48632  (14012009)                653761.39
4190838.66      251.98288  (14012009)
        653785.94   4190838.66      225.94504  (14012009)                653810.49
4190838.66      197.28519  (14012009)
        653687.81   4191337.13      261.81765  (14012009)                653663.33
4191335.61      263.80175  (14012009)
        653638.85   4191334.08      260.07043  (14012009)                653614.38
4191332.55      250.94778  (14012009)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 804
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653589.90	4191331.03	237.10936	(14012009)	653565.42	4191329.50	219.49602	(14012009)
653540.94	4191327.98	199.23229	(14012009)	653516.46	4191326.45	177.47775	(14012009)
653491.98	4191324.92	155.34948	(14012009)	653467.51	4191323.40	133.80007	(14012009)
653443.03	4191321.87	136.25001	(17120618)	653418.55	4191320.34	142.47113	(17120618)
653394.07	4191318.82	146.11341	(17120618)	653369.59	4191317.29	146.97579	(17120618)
653345.11	4191315.77	145.03137	(17120618)	653320.64	4191314.24	146.08987	(17020802)
653712.29	4191338.66	254.20560	(14012009)	653736.84	4191338.66	241.49937	(14012009)
653761.39	4191338.66	224.44576	(14012009)	653785.94	4191338.66	204.12414	(14012009)
653810.49	4191338.66	181.74352	(14012009)	653688.38	4191837.17	233.59076	(14012009)
653664.47	4191835.68	236.61892	(14012009)	653640.55	4191834.19	235.53643	(14012009)
653616.64	4191832.70	230.51817	(14012009)	653592.73	4191831.21	221.82011	(14012009)
653568.82	4191829.71	209.96761	(14012009)	653544.90	4191828.22	195.58818	(14012009)
653520.99	4191826.73	179.38595	(14012009)	653497.08	4191825.24	162.09157	(14012009)
653473.17	4191823.75	144.42059	(14012009)	653449.26	4191822.26	126.99822	(14012009)
653425.34	4191820.77	110.28519	(14012009)	653401.43	4191819.28	110.97758	(17120618)
653377.52	4191817.79	115.83477	(17120618)	653353.61	4191816.30	119.07499	(17120618)
653329.70	4191814.80	120.55310	(17120618)	653305.78	4191813.31	120.20920	(17120618)
653281.87	4191811.82	118.78564	(17020802)	653257.96	4191810.33	119.99060	(17020802)
653712.29	4191838.66	226.67700	(14012009)	653736.84	4191838.66	215.92453	(14012009)
653761.39	4191838.66	202.02492	(14012009)	653785.94	4191838.66	185.65844	(14012009)

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        653810.49   4191838.66      167.70058  (14012009)                653835.43
4187990.43    12388.14005  (13032807)
        653838.58   4187946.01    13048.56137  (17010504)                653841.72
4187901.59    14467.84800  (17011509)
        653852.47   4188008.72     9586.51314  (13121420)                653861.94
4187969.98    10775.35572  (14022208)
        653865.09   4187925.56     9502.73393  (17011303)                653868.23
4187881.14    10924.36174  (17011509)
        653877.41   4188010.49     8137.99236  (15010317)                653844.57
4188050.24     8105.89769  (17121119)
        653886.88   4187971.75     8777.54104  (14022208)                653890.02
4187927.33     7932.02528  (17121319)
        653893.17   4187882.91     8560.37739  (17011509)                653902.34
4188012.25     6923.79769  (15122617)
        653886.55   4188045.30     6580.97102  (14022307)                653861.61
4188068.54     6707.12814  (17123020)
        653911.81   4187973.52     7347.23942  (14022208)                653914.96
4187929.10     6692.47324  (17121319)
        653918.11   4187884.68     6287.79196  (17122619)                653950.64
4188019.09     5166.87619  (13032807)
        653931.69   4188058.75     5126.53282  (13020908)                653892.29
4188106.46     5404.65174  (17022407)
        653851.39   4188122.56     5723.74347  (17012601)                653961.69
4187977.05     5447.93504  (14022208)
        653964.84   4187932.63     5162.63942  (17122519)                653967.98
4187888.21     4635.65413  (17020824)
        654000.97   4188021.68     4074.40143  (14010519)                653982.92
4188059.45     4084.68515  (14010220)
        653964.87   4188097.22     4045.17461  (13121617)                653927.35
4188142.66     4343.12938  (17022407)
        653888.39   4188157.99     4477.52383  (17122321)                653849.44
4188173.33     4767.09139  (17021405)
        654011.56   4187980.59     4258.71767  (14022208)                654014.71
4187936.17     3944.02126  (17122719)
        654017.86   4187891.75     3637.80786  (17011303)                654051.09
4188024.69     3247.44474  (14010519)
        654033.54   4188061.41     3421.78423  (15010317)                654016.00
4188098.14     3333.09618  (14022307)
        653998.45   4188134.86     3476.28771  (17121119)                653961.97
4188179.03     3540.90203  (17022407)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 805
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653924.10	4188193.94	3712.89497	(17122321)	653886.23	4188208.85	3767.89293	(17022706)
653848.36	4188223.75	3676.03625	(17122223)	654061.44	4187984.12	3453.00766	(14022208)
654064.59	4187939.70	3157.24366	(17122719)	654067.73	4187895.28	3052.14547	(17121319)
654100.26	4188029.70	2698.67119	(15122424)	654081.31	4188069.36	2832.63793	(13020204)
654062.36	4188109.01	2832.14868	(13020908)	654043.41	4188148.67	2783.55256	(14012706)
654024.46	4188188.33	2847.98297	(17123020)	653994.54	4188216.21	2896.63930	(17022407)
653953.64	4188232.31	3089.94025	(17122321)	653912.74	4188248.41	3150.05156	(17022706)
653871.84	4188264.51	3033.09354	(17122223)	654111.31	4187987.66	2876.50834	(14022208)
654114.46	4187943.24	2592.37692	(17122621)	654117.61	4187898.82	2518.71984	(17010504)
654150.40	4188032.68	2333.05497	(15122424)	654131.98	4188071.24	2428.64695	(15122617)
654113.55	4188109.80	2419.75846	(14010220)	654095.13	4188148.35	2391.39492	(14022307)
654076.71	4188186.91	2551.13137	(17121119)	654058.28	4188225.47	2249.07800	(17123020)
654029.19	4188252.57	2413.16859	(17022407)	653989.42	4188268.22	2660.55957	(17122321)
653949.66	4188283.88	2701.56040	(17022706)	653909.90	4188299.53	2731.45304	(17021405)
653870.13	4188315.18	2795.23070	(17022508)	654161.19	4187991.19	2446.52635	(14022208)
654164.34	4187946.77	2222.98769	(17122621)	654167.48	4187902.35	2273.07072	(17122519)
654249.89	4188040.30	1774.96773	(15122424)	654230.94	4188079.96	1796.72944	(15021405)
654211.99	4188119.62	1881.53082	(15010317)	654193.04	4188159.28	1857.12749	(14022106)

654174.09 4188198.94 1843.94288 (17120617) 654155.14
4188238.60 1974.42677 (17121119)
654136.19 4188278.25 1810.67344 (17123020) 654096.79
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654055.89 4188342.06 2027.42952 (17122321) 654014.99
4188358.16 2047.19712 (17012601)
653974.09 4188374.26 2141.25952 (17021405) 653933.19
4188390.36 1959.92177 (17121904)
653892.29 4188406.46 2181.29808 (17022508) 653851.39
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654267.23 4187909.42 1701.76699 (17122719) 654349.97
4188046.67 1412.36146 (14021603)
654331.69 4188084.94 1441.84756 (14010519) 654313.40
4188123.21 1470.71648 (15122617)
654295.11 4188161.48 1467.26248 (13121420) 654276.83
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654258.54 4188238.01 1454.70033 (17120617) 654240.26
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654221.97 4188314.55 1583.06506 (17123020) 654203.69
4188352.81 1446.58308 (17120122)
654165.67 4188398.85 1451.22495 (17120205) 654126.20
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654086.74 4188429.92 1662.39445 (17012601) 654047.28
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654007.81 4188460.99 1681.47718 (17021405) 653968.35
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653928.88 4188492.06 1726.14598 (17022508) 653889.42
4188507.59 1634.18627 (17121401)
653849.95 4188523.13 1679.48490 (17120207) 654360.69
4188005.33 1470.04068 (14022208)
654363.84 4187960.91 1297.19596 (16010203) 654366.98
4187916.49 1312.10773 (17122719)
654449.53 4188054.14 1155.49007 (14021603) 654430.87
4188093.20 1156.04506 (14010519)
654412.21 4188132.25 1205.84822 (15122617) 654393.54
4188171.31 1237.14368 (15010317)
654374.88 4188210.37 1218.41049 (14010220) 654356.21
4188249.43 1213.79867 (16120603)
654337.55 4188288.49 1226.51028 (17120617) 654318.89
4188327.54 1239.20294 (17121119)
654300.22 4188366.60 1309.18671 (17123020) 654281.56
4188405.66 1146.04114 (13121217)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654262.90	4188444.72	1274.11516	(17022407)	654233.43	4188472.18	1181.72305	(17120205)
654193.15	4188488.03	1321.41926	(17122321)	654152.87	4188503.89	1348.31355	(17012601)
654112.59	4188519.74	1336.12364	(17022706)	654072.31	4188535.60	1396.43446	(17021405)
654032.03	4188551.45	1348.87384	(17121904)	653991.75	4188567.31	1275.09188	(17122223)
653951.47	4188583.17	1400.39941	(17022508)	653911.19	4188599.02	1351.37382	(17121401)
653870.91	4188614.88	1378.73872	(17120207)	654460.44	4188012.40	1203.81072	(14022208)
654463.59	4187967.98	1099.97037	(16010203)	654466.73	4187923.56	1084.31823	(17122621)
654549.14	4188061.51	964.50619	(14021603)	654530.19	4188101.17	963.94848	(14021120)
654511.24	4188140.83	991.93679	(17122919)	654492.29	4188180.48	1017.19356	(13020204)
654473.34	4188220.14	1016.39559	(13121420)	654454.39	4188259.80	1032.33167	(14022106)
654435.43	4188299.46	1036.84409	(14022307)	654416.48	4188339.12	1037.64140	(17120617)
654397.53	4188378.78	1058.60474	(17121119)	654378.58	4188418.44	1105.38175	(17123020)
654359.63	4188458.10	969.43338	(13121217)	654340.68	4188497.76	1088.85527	(17022407)
654301.28	4188545.46	1002.17825	(17022408)	654260.38	4188561.56	1109.42337	(17122321)
654219.48	4188577.66	1109.67825	(17012601)	654178.58	4188593.76	1097.12216	(17022706)
654137.68	4188609.86	1102.15730	(17011608)	654096.79	4188625.96	1132.71421	(17021405)

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        654055.89   4188642.06     1058.83088  (17122223)                654014.99
4188658.16     1121.88007  (17022508)
        653974.09   4188674.26     1138.35214  (17022508)                653933.19
4188690.36     1137.44606  (17121401)
        653892.29   4188706.46     1157.95113  (17120207)                653851.39
4188722.56     1061.63535  (17012905)
        654560.19   4188019.47     1010.02088  (14022208)                654563.34
4187975.05      940.59829  (16010203)
        654566.48   4187930.63      915.41399  (17122621)                654648.78
4188068.81      818.49596  (14021603)
        654629.60   4188108.94      834.25651  (15122424)                654610.42
4188149.08      856.37873  (16120418)
        654591.25   4188189.21      882.12111  (15122617)                654572.07
4188229.34      897.01470  (15010317)
        654552.89   4188269.47      885.70228  (14010220)                654533.72
4188309.60      886.31401  (13020908)
        654514.54   4188349.73      879.30651  (14022307)                654495.37
4188389.86      883.02234  (17120617)
        654476.19   4188429.99      917.99164  (17121119)                654457.01
4188470.12      948.59892  (17123020)
        654437.84   4188510.25      830.71619  (16020806)                654418.66
4188550.39      919.59914  (17022407)
        654399.49   4188590.52      862.01708  (17022407)                654369.20
4188618.73      868.08959  (17022408)
        654327.82   4188635.02      949.50532  (17122321)                654286.43
4188651.31      924.78445  (17012601)
        654245.05   4188667.60      947.74053  (17012601)                654203.66
4188683.89      940.09138  (17022324)
        654162.27   4188700.18     1011.63121  (17021405)                654120.89
4188716.48      976.56893  (17121904)
        654079.50   4188732.77      928.44673  (17122223)                654038.11
4188749.06     1000.91562  (17022508)
        653996.73   4188765.35      931.81016  (17022508)                653955.34
4188781.64      972.33078  (17121401)
        653913.96   4188797.93      989.83096  (17120207)                653872.57
4188814.22      924.49952  (17012905)
        654659.94   4188026.54      863.49512  (14022208)                654663.09
4187982.12      811.76515  (16010203)
        654666.23   4187937.70      768.07341  (17122621)                654898.35
4188086.07      590.47693  (15020206)
        654879.57   4188125.37      606.90289  (15122424)                654860.79
4188164.67      592.51642  (14021120)
        654842.01   4188203.98      617.33561  (17122919)                654823.23
4188243.28      640.26824  (15122617)
        654804.45   4188282.58      639.44796  (13020204)                654785.67
4188321.88      629.63365  (13121420)
        654766.89   4188361.18      639.34762  (14011317)                654748.11
4188400.48      642.89512  (13020908)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   STCK1   , STCK2 , VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4187955.37 541.66659 (16010203)
655147.64 4188103.92 457.04241 (15020206) 655128.69
4188143.58 466.50608 (14021603)
655109.74 4188183.24 462.75530 (15122424) 655090.79
4188222.90 474.46357 (16120418)
655071.84 4188262.56 475.15299 (17122919) 655052.88
4188302.22 492.84916 (15122617)
655033.93 4188341.88 491.92939 (13020204) 655014.98
4188381.54 493.92256 (15010317)
654996.03 4188421.19 492.30375 (14010220) 654977.08
4188460.85 492.11096 (14022106)
654958.13 4188500.51 493.74203 (13020908) 654939.18
4188540.17 498.23185 (14022307)
654920.23 4188579.83 487.87251 (17120617) 654901.28
4188619.49 486.24248 (17120617)
654882.33 4188659.15 523.57903 (13103008) 654863.38
4188698.81 541.39578 (13103008)
654844.43 4188738.47 534.34902 (17123020) 654825.48
4188778.12 502.07617 (17123020)
654806.53 4188817.78 468.44624 (13121217) 654787.58
4188857.44 514.84388 (13121109)
654768.63 4188897.10 522.27900 (13121109) 654749.68
4188936.76 478.46919 (17120205)
654710.28 4188984.47 489.93153 (17022408) 654669.38
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4189032.77 520.99589 (17012601)
654546.68 4189048.87 536.28189 (17012601) 654505.78
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654383.08 4189113.27 541.33650 (17021405) 654342.18
4189129.37 543.09330 (17121904)
654301.28 4189145.46 494.93684 (17122223) 654260.38
4189161.56 502.33863 (17122223)
654219.48 4189177.66 536.10780 (17022508) 654178.58
4189193.76 550.26251 (17022508)
654137.68 4189209.86 483.07607 (17021601) 654096.79
4189225.96 533.73798 (17121401)
654055.89 4189242.06 523.01979 (17123005) 654014.99
4189258.16 549.81732 (17120207)
653974.09 4189274.26 526.76137 (17120207) 653933.19
4189290.36 463.58464 (17012905)
653892.29 4189306.46 458.41219 (13121321) 653851.39
4189322.56 473.71956 (17021222)
655158.69 4188061.88 474.23972 (14022208) 655161.83
4188017.46 463.95640 (14022208)
655164.98 4187973.04 439.91196 (16010203) 655396.95
4188121.72 367.04263 (15020206)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655339.74	4188241.45	365.83381	(14021120)	655320.67	4188281.35	384.51598	(16120418)
655301.60	4188321.26	382.42286	(15021405)	655282.53	4188361.17	395.10981	(15122617)
655263.46	4188401.08	392.81957	(13020204)	655244.39	4188440.99	401.22871	(15010317)
655225.32	4188480.90	393.15194	(15010318)	655206.25	4188520.80	395.23993	(14010220)
655187.19	4188560.71	398.84283	(14022106)	655168.12	4188600.62	394.34734	(16120603)
655149.05	4188640.53	399.31799	(14022307)	655129.98	4188680.44	391.42621	(14022207)
655110.91	4188720.35	398.26606	(17120617)	655091.84	4188760.25	419.14365	(13103008)
655072.77	4188800.16	492.24396	(13103008)	655053.70	4188840.07	459.48229	(13103008)
655034.63	4188879.98	431.96370	(17123020)	655015.56	4188919.89	398.31416	(17123020)
654996.49	4188959.80	376.70114	(13121217)	654977.42	4188999.70	443.17077	(13121109)
654958.35	4189039.61	475.42656	(13121109)	654939.28	4189079.52	441.56369	(13121109)
654920.21	4189119.43	389.04443	(17120205)	654880.56	4189167.44	392.41372	(17022408)

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4189199.84 410.05574 (17122321)
654757.09 4189216.04 390.14513 (17012601) 654715.93
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654674.78 4189248.44 407.83470 (17012601) 654633.62
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654592.46 4189280.84 410.61754 (17022324) 654551.31
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4189329.45 426.50668 (17121904)
654427.84 4189345.65 419.78300 (17121904) 654386.68
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4189426.65 390.71618 (17022508)
654180.90 4189442.85 411.72702 (17121401) 654139.74
4189459.05 424.83133 (17121401)
654098.59 4189475.25 422.67459 (17123005) 654057.43
4189491.45 444.42561 (17120207)
654016.27 4189507.66 416.35352 (17012905) 653975.12
4189523.86 373.42623 (17012905)
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4188079.56 377.74053 (14022208)
655411.21 4188035.14 376.99877 (14022208) 655414.36
4187990.72 359.34349 (16010203)
655646.28 4188139.49 303.03161 (15020206) 655627.13
4188179.58 301.10583 (14021603)
655607.97 4188219.67 307.04418 (15122424) 655588.81
4188259.76 303.72938 (15122424)
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4188420.13 326.22851 (15122617)
655493.02 4188460.22 322.56204 (13020204) 655473.86
4188500.32 331.60743 (15010317)
655454.71 4188540.41 317.97120 (15010318) 655435.55
4188580.50 326.79682 (14010220)
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4188660.69 327.05879 (14022106)
655378.08 4188700.78 327.33496 (16120603) 655358.92
4188740.87 329.66250 (14022307)
655339.76 4188780.96 322.75492 (14022207) 655320.60
4188821.06 331.61972 (17120617)
655301.44 4188861.15 332.82828 (13103008) 655282.29
4188901.24 423.25774 (13103008)
655263.13 4188941.33 444.71316 (13103008) 655243.97
4188981.42 389.36605 (13103008)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655109.87	4189262.07	369.75016	(13121109)	655090.71	4189302.16	319.51590	(17120205)
655050.88	4189350.39	340.79562	(13121809)	655009.53	4189366.67	351.14955	(13121809)
654968.19	4189382.94	341.41757	(17122321)	654926.84	4189399.22	301.08961	(17122321)
654885.49	4189415.50	348.36364	(17012601)	654844.15	4189431.77	354.29388	(17012601)
654802.80	4189448.05	332.30103	(17022706)	654761.46	4189464.32	347.43443	(17022706)
654720.11	4189480.60	336.26454	(17022324)	654678.76	4189496.87	354.33248	(17021405)
654637.42	4189513.15	366.21361	(17021405)	654596.07	4189529.42	336.66586	(17121904)
654554.72	4189545.70	358.03051	(17121904)	654513.38	4189561.98	327.06831	(17031322)
654472.03	4189578.25	335.10122	(17122223)	654430.68	4189594.53	323.53719	(17041006)
654389.34	4189610.80	353.58729	(17120204)	654347.99	4189627.08	362.80622	(17022508)

654306.65 4189643.35 329.61922 (17022508) 654265.30
4189659.63 327.02170 (17021601)
654223.95 4189675.90 351.56109 (17121401) 654182.61
4189692.18 338.24051 (17123005)
654141.26 4189708.46 343.45543 (17123005) 654099.91
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654058.57 4189741.01 341.92905 (17012905) 654017.22
4189757.28 309.48008 (17012905)
653975.88 4189773.56 304.30351 (16010408) 653934.53
4189789.83 299.03025 (16021023)
653893.18 4189806.11 313.11210 (17021222) 653851.84
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655657.44 4188097.23 310.10833 (14022208) 655660.58
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656126.06 4188214.53 214.60855 (15020206) 656107.03
4188254.36 222.88783 (14021603)
656088.00 4188294.18 224.47996 (15122424) 656068.97
4188334.01 219.72729 (15122424)
656049.94 4188373.84 220.00650 (15122502) 656030.91
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656011.87 4188453.50 239.20152 (13121709) 655992.84
4188493.33 257.99167 (13121709)
655973.81 4188533.16 239.48817 (13121709) 655954.78
4188572.98 231.99126 (15121621)
655935.75 4188612.81 236.24286 (13020204) 655916.72
4188652.64 240.16356 (15010317)
655897.68 4188692.47 232.37448 (15010318) 655878.65
4188732.30 235.79993 (14010220)
655859.62 4188772.13 234.94347 (14010220) 655840.59
4188811.95 238.46330 (14022106)
655821.56 4188851.78 237.15814 (13020908) 655802.53
4188891.61 237.94595 (16120603)
655783.50 4188931.44 239.95050 (14022307) 655764.46
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655745.43 4189011.10 235.81456 (17120617) 655726.40
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655669.31 4189170.41 379.52251 (13103008) 655650.27
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4189369.55 225.42193 (16020806)
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4189732.34 297.86282 (13121809)
655309.70 4189748.51 271.61691 (13121809) 655268.62
4189764.68 233.14484 (17122321)
655227.55 4189780.85 224.50689 (17012601) 655186.47
4189797.02 252.89156 (17012601)
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Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 810
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

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654406.06 4190104.22 236.03199 (17021601) 654364.99
4190120.39 251.72316 (17121401)
654323.92 4190136.55 250.94970 (17121401) 654282.84
4190152.72 252.13068 (17123005)
654241.77 4190168.89 248.85722 (17120207) 654200.69
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654159.62 4190201.23 252.54446 (17120207) 654118.55
4190217.40 236.23781 (17012905)
654077.47 4190233.57 217.49126 (16120522) 654036.40
4190249.73 219.30442 (16010408)
653995.32 4190265.90 215.97489 (13121321) 653954.25
4190282.07 239.60645 (14012409)
653913.18 4190298.24 242.01001 (14012409) 653872.10
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656156.18 4188132.58 222.81281 (14022208) 656159.33
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656162.48 4188043.74 220.59529 (13123017) 656643.78
4188210.17 167.91907 (15020206)
656624.63 4188250.25 167.43929 (15020206) 656605.48
4188290.33 167.53424 (14021603)
656586.33 4188330.41 171.72126 (14021603) 656567.18
4188370.49 173.06838 (15122424)
656548.02 4188410.58 168.61454 (14021120) 656528.87
4188450.66 168.73409 (15122502)
656509.72 4188490.74 175.51801 (16120418) 656490.57
4188530.82 187.69556 (13121709)
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656356.50 4188811.38 180.88194 (15010317) 656337.35
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656279.89 4188971.71 181.15012 (14022106) 656260.74
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656241.59 4189051.87 181.93388 (13020908) 656222.44
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4189172.11 181.13765 (14122608)
656164.98 4189212.19 181.45183 (14022207) 656145.83
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656126.68 4189292.35 179.02533 (17120617) 656107.52
4189332.43 240.74935 (13103008)
656088.37 4189372.51 298.37468 (13103008) 656069.22
4189412.60 329.92581 (13103008)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655781.94	4190013.81	190.02214	(13121809)	655762.78	4190053.89	230.37726	(13121809)
655732.54	4190082.06	255.47443	(13121809)	655691.21	4190098.34	259.74181	(13121809)
655649.87	4190114.61	241.46552	(13121809)	655608.54	4190130.88	205.98173	(13121809)
655567.20	4190147.15	166.54873	(16012704)	655525.87	4190163.42	178.20551	(17012601)
655484.53	4190179.69	195.31365	(17012601)	655443.20	4190195.96	197.94758	(17012601)
655401.87	4190212.23	185.59753	(17012601)	655360.53	4190228.50	185.52835	(17022604)

655319.20 4190244.77 192.55966 (17022706) 655277.86
4190261.04 187.73589 (17022324)
655236.53 4190277.31 183.78813 (17022324) 655195.19
4190293.59 195.72535 (17011608)
655153.86 4190309.86 202.44660 (17021405) 655112.52
4190326.13 202.03982 (17021405)
655071.19 4190342.40 186.30492 (17021405) 655029.86
4190358.67 195.30742 (17121904)
654988.52 4190374.94 199.30811 (17121904) 654947.19
4190391.21 184.31972 (17031322)
654905.85 4190407.48 179.85311 (17122223) 654864.52
4190423.75 185.10134 (17122223)
654823.18 4190440.02 180.79200 (17041006) 654781.85
4190456.29 185.68866 (17120204)
654740.51 4190472.57 197.33885 (17120204) 654699.18
4190488.84 200.61569 (17022508)
654657.85 4190505.11 195.63479 (17022508) 654616.51
4190521.38 178.36731 (17022508)
654575.18 4190537.65 172.94063 (15011408) 654533.84
4190553.92 183.11345 (17031102)
654492.51 4190570.19 193.56109 (17121401) 654451.17
4190586.46 192.55440 (17121401)
654409.84 4190602.73 191.46070 (17123005) 654368.50
4190619.00 193.05809 (17123005)
654327.17 4190635.27 199.36196 (17120207) 654285.84
4190651.54 203.84939 (17120207)
654244.50 4190667.82 190.16436 (17120207) 654203.17
4190684.09 180.97193 (17012905)
654161.83 4190700.36 167.28438 (16120522) 654120.50
4190716.63 168.74773 (16010408)
654079.16 4190732.90 166.08957 (13121321) 654037.83
4190749.17 188.61869 (14012409)
653996.49 4190765.44 209.97188 (14012409) 653955.16
4190781.71 211.43051 (14012409)
653913.83 4190797.98 193.43986 (14012409) 653872.49
4190814.25 184.08674 (17012720)
656654.93 4188167.92 169.77938 (14022208) 656658.08
4188123.50 175.81690 (14022208)
656661.23 4188079.08 169.87832 (13123017) 657142.58
4188245.43 133.71587 (15020206)
657123.51 4188285.32 134.97193 (15020206) 657104.45
4188325.22 129.44250 (14021603)
657085.38 4188365.12 136.43237 (14021603) 657066.32
4188405.01 136.52732 (14021603)
657047.25 4188444.91 138.43050 (15122424) 657028.19
4188484.81 134.68957 (14021120)
657009.13 4188524.71 134.28684 (15122502) 656990.06
4188564.60 137.94087 (16120418)
656971.00 4188604.50 145.84991 (13121709) 656951.93
4188644.40 177.68630 (13121709)

656932.87 4188684.29 197.21228 (13121709) 656913.80
4188724.19 198.98234 (13121709)
656894.74 4188764.09 182.61293 (13121709) 656875.68
4188803.98 152.97868 (13121709)
656856.61 4188843.88 144.17278 (13020204) 656837.55
4188883.78 144.95102 (15010317)
656818.48 4188923.68 148.29137 (15010317) 656799.42
4188963.57 142.30314 (15010317)
656780.35 4189003.47 145.08088 (15010318) 656761.29
4189043.37 144.75821 (14010220)
656742.22 4189083.26 146.58747 (14010220) 656723.16
4189123.16 144.65779 (14011317)
656704.10 4189163.06 147.30637 (14022106) 656685.03
4189202.96 144.92012 (13020908)
656665.97 4189242.85 144.81187 (13020908) 656646.90
4189282.75 146.59124 (16120603)
656627.84 4189322.65 147.96526 (14022307) 656608.77
4189362.54 144.86394 (14122608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656589.71	4189402.44	144.07352	(14022207)	656570.65	4189442.34	145.63176	(17120617)
656551.58	4189482.24	148.34001	(17120617)	656532.52	4189522.13	151.39633	(13103008)
656513.45	4189562.03	204.46031	(13103008)	656494.39	4189601.93	253.20322	(13103008)
656475.32	4189641.82	286.55924	(13103008)	656456.26	4189681.72	296.07724	(13103008)

656437.19 4189721.62 279.74659 (13103008) 656418.13
4189761.52 242.79681 (13103008)
656399.07 4189801.41 194.96450 (13103008) 656380.00
4189841.31 160.41040 (17123020)
656360.94 4189881.21 151.47889 (17123020) 656341.87
4189921.10 138.99046 (16020806)
656322.81 4189961.00 153.54325 (13121109) 656303.74
4190000.90 194.08443 (13121109)
656284.68 4190040.79 232.20638 (13121109) 656265.62
4190080.69 262.19716 (13121109)
656246.55 4190120.59 279.20764 (13121109) 656227.49
4190160.49 280.87037 (13121109)
656208.42 4190200.38 268.17733 (13121109) 656189.36
4190240.28 243.19274 (13121109)
656170.29 4190280.18 210.18988 (13121109) 656151.23
4190320.07 173.90766 (13121109)
656132.16 4190359.97 162.73086 (13121809) 656113.10
4190399.87 196.53103 (13121809)
656073.46 4190447.86 228.08800 (13121809) 656032.32
4190464.06 231.17487 (13121809)
655991.17 4190480.26 218.15554 (13121809) 655950.03
4190496.45 192.12291 (13121809)
655908.88 4190512.65 158.56687 (13121809) 655867.74
4190528.85 130.62023 (17031023)
655826.59 4190545.04 144.71314 (17012601) 655785.45
4190561.24 156.24320 (17012601)
655744.30 4190577.43 158.52077 (17012601) 655703.16
4190593.63 151.15371 (17012601)
655662.01 4190609.83 147.71974 (17022604) 655620.87
4190626.02 151.32466 (17022706)
655579.72 4190642.22 153.42900 (17022706) 655538.58
4190658.42 149.92326 (17022324)
655497.43 4190674.61 146.31927 (17022324) 655456.29
4190690.81 155.35976 (17011608)
655415.14 4190707.00 158.77481 (17021405) 655374.00
4190723.20 163.15580 (17021405)
655332.85 4190739.40 157.31571 (17021405) 655291.71
4190755.59 142.56290 (17021405)
655250.56 4190771.79 156.95332 (17121904) 655209.42
4190787.99 159.83685 (17121904)
655168.27 4190804.18 150.31381 (17121904) 655127.13
4190820.38 142.67615 (17031322)
655085.98 4190836.57 146.58358 (17122223) 655044.84
4190852.77 146.59678 (17122223)
655003.69 4190868.97 144.02663 (17041006) 654962.55
4190885.16 148.25675 (17120204)
654921.40 4190901.36 157.72613 (17120204) 654880.26
4190917.56 158.70312 (17022508)
654839.11 4190933.75 158.57197 (17022508) 654797.97
4190949.95 150.03839 (17022508)

654756.82 4190966.15 137.89312 (16020603) 654715.68
4190982.34 138.44982 (17021601)
654674.53 4190998.54 146.16540 (17031102) 654633.39
4191014.73 153.09849 (17121401)
654592.24 4191030.93 155.13365 (17121401) 654551.10
4191047.13 148.22489 (17121401)
654509.95 4191063.32 155.63799 (17123005) 654468.81
4191079.52 152.52619 (17123005)
654427.66 4191095.72 159.79844 (17120207) 654386.52
4191111.91 163.36462 (17120207)
654345.37 4191128.11 155.20231 (17120207) 654304.23
4191144.30 147.98576 (17012905)
654263.08 4191160.50 138.23994 (17030903) 654221.94
4191176.70 133.22239 (16120522)
654180.79 4191192.89 134.84925 (16010408) 654139.65
4191209.09 132.51458 (13121321)
654098.50 4191225.29 161.36677 (14012409) 654057.36
4191241.48 182.17838 (14012409)
654016.21 4191257.68 189.82468 (14012409) 653975.07
4191273.87 182.91660 (14012409)
653933.92 4191290.07 163.63996 (14012409) 653892.78
4191306.27 147.42570 (17012720)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653851.63	4191322.46	152.33721	(17012720)	657153.68	4188203.27	134.74330	(14022208)
657156.83	4188158.85	140.17907	(14022208)	657159.98	4188114.43	137.88401	(14022208)

657641.28 4188280.86 120.16141 (15012910) 657622.13
4188320.94 121.86593 (15012910)
657602.98 4188361.01 118.02329 (15012910) 657583.83
4188401.09 110.03749 (14021603)
657564.69 4188441.16 113.01660 (14021603) 657545.54
4188481.24 112.75878 (15122424)
657526.39 4188521.31 113.77701 (15122424) 657507.24
4188561.39 110.82006 (14021120)
657488.09 4188601.46 110.21810 (15122502) 657468.94
4188641.54 112.07676 (15122502)
657449.79 4188681.61 116.72608 (16120418) 657430.64
4188721.69 145.65260 (13121709)
657411.49 4188761.76 168.68780 (13121709) 657392.34
4188801.84 180.46343 (13121709)
657373.19 4188841.91 178.06133 (13121709) 657354.04
4188881.99 162.20933 (13121709)
657334.89 4188922.06 136.89032 (13121709) 657315.74
4188962.14 117.65678 (13020204)
657296.59 4189002.22 119.85820 (13020204) 657277.44
4189042.29 121.89789 (15010317)
657258.29 4189082.37 120.80377 (15010317) 657239.14
4189122.44 115.00908 (15010318)
657219.99 4189162.52 120.14397 (15010318) 657200.84
4189202.59 119.55723 (14010220)
657181.69 4189242.67 120.92022 (14010220) 657162.55
4189282.74 119.17760 (13011303)
657143.40 4189322.82 120.43006 (14022106) 657124.25
4189362.89 121.05458 (14022106)
657105.10 4189402.97 120.09264 (13020908) 657085.95
4189443.04 120.38450 (16120603)
657066.80 4189483.12 120.17559 (16120603) 657047.65
4189523.19 121.89693 (14022307)
657028.50 4189563.27 119.32185 (14122608) 657009.35
4189603.34 118.29903 (14122608)
656990.20 4189643.42 119.86858 (14022207) 656971.05
4189683.49 122.31116 (17120617)
656951.90 4189723.57 120.44065 (17120617) 656932.75
4189763.65 145.79917 (13103008)
656913.60 4189803.72 189.76651 (13103008) 656894.45
4189843.80 229.64349 (13103008)
656875.30 4189883.87 257.63216 (13103008) 656856.15
4189923.95 267.74435 (13103008)
656837.00 4189964.02 258.06344 (13103008) 656817.85
4190004.10 231.37866 (13103008)
656798.70 4190044.17 193.90474 (13103008) 656779.55
4190084.25 152.83260 (13103008)
656760.41 4190124.32 131.35869 (17123020) 656741.26
4190164.40 122.91325 (17123020)
656722.11 4190204.47 114.59823 (16020806) 656702.96
4190244.55 126.62279 (13121109)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

655876.93 4191025.23 126.03559 (17022706) 655835.60
4191041.50 124.89349 (17022706)
655794.27 4191057.77 123.04726 (17022324) 655752.94
4191074.03 119.16228 (17022324)
655711.61 4191090.30 127.77891 (17011608) 655670.28
4191106.57 129.79526 (17011608)
655628.95 4191122.84 134.06833 (17021405) 655587.62
4191139.11 132.08976 (17021405)
655546.30 4191155.38 123.49157 (17021405) 655504.97
4191171.65 121.79744 (17121904)
655463.64 4191187.91 130.81065 (17121904) 655422.31
4191204.18 131.34424 (17121904)
655380.98 4191220.45 123.42541 (17121904) 655339.65
4191236.72 118.24292 (17031322)
655298.32 4191252.99 119.07940 (17122223) 655257.00
4191269.26 121.17654 (17122223)
655215.67 4191285.53 118.36988 (17041006) 655174.34
4191301.80 117.16649 (17041006)
655133.01 4191318.06 124.60792 (17120204) 655091.68
4191334.33 130.30288 (17120204)
655050.35 4191350.60 129.97471 (17022508) 655009.02
4191366.87 130.35768 (17022508)
654967.69 4191383.14 124.90746 (17022508) 654926.37
4191399.41 114.51559 (17022508)
654885.04 4191415.68 112.40073 (16020603) 654843.71
4191431.94 116.43204 (17021601)
654802.38 4191448.21 121.09501 (17031102) 654761.05
4191464.48 126.28747 (17121401)
654719.72 4191480.75 127.47115 (17121401) 654678.39
4191497.02 122.50689 (17121401)
654637.06 4191513.29 127.23434 (17123005) 654595.74
4191529.56 127.93289 (17123005)
654554.41 4191545.82 125.87749 (17120207) 654513.08
4191562.09 133.83722 (17120207)
654471.75 4191578.36 133.70869 (17120207) 654430.42
4191594.63 125.72347 (17120207)
654389.09 4191610.90 121.31411 (17012905) 654347.76
4191627.17 114.37741 (17030903)
654306.43 4191643.44 110.01335 (16120522) 654265.11
4191659.71 110.50992 (16010408)
654223.78 4191675.97 109.94882 (16010408) 654182.45
4191692.24 126.69923 (14012409)
654141.12 4191708.51 149.73069 (14012409) 654099.79
4191724.78 165.51986 (14012409)
654058.46 4191741.05 171.22898 (14012409) 654017.13
4191757.32 165.96040 (14012409)
653975.80 4191773.59 151.11148 (14012409) 653934.48
4191789.85 129.77426 (14012409)
653893.15 4191806.12 123.95674 (17012720) 653851.82
4191822.39 136.19767 (14012009)

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        657652.43   4188238.61      113.04206  (15012910)                657655.58
4188194.19      114.83721  (14022208)
        657658.73   4188149.77      114.37799  (14022208)                653819.03
4187852.62     9746.74693  (17011508)
        653794.25   4187851.96    11125.64174  (17020801)                653769.47
4187851.29    11120.23096  (17122318)
        653744.69   4187850.63    10899.86126  (17122917)                653719.92
4187849.97    10657.66886  (17123009)
        653695.14   4187849.31     9492.02811  (17011609)                653837.55
4187835.82     8378.62761  (17012908)
        653794.92   4187826.97     9275.73734  (17012903)                653770.14
4187826.30     9158.72229  (17122701)
        653745.36   4187825.64     9292.57060  (17122917)                653720.58
4187824.98     9281.54198  (17123009)
        653695.81   4187824.32     8604.18121  (17011609)                653838.21
4187810.83     7579.04298  (17120120)
        653880.33   4187845.79     7954.68687  (17122320)                653795.59
4187801.97     7924.96151  (17122920)
        653770.81   4187801.31     7797.50893  (17122701)                653746.03
4187800.65     7872.02466  (17122917)
        653721.25   4187799.99     8179.83345  (17123009)                653696.47
4187799.33     7729.29364  (17011609)
        653838.88   4187785.84     6791.94639  (17020801)                653874.58
4187802.23     6583.47142  (17012908)
        653898.85   4187828.99     6856.01252  (17122320)                653796.25
4187776.98     6715.03203  (17012804)
        653771.47   4187776.32     6826.44175  (17013024)                653746.70
4187775.66     6676.45289  (17122917)
        653721.92   4187775.00     7249.23585  (17123009)                653697.14
4187774.34     6889.25056  (17011609)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 815
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653843.79	4187737.50	5384.00118	(17012903)	653865.21	4187747.33	5316.27498	(17020801)
653886.63	4187757.17	5035.63736	(17120120)	653908.05	4187767.00	5194.63595	(17012908)
653937.17	4187799.11	5352.72975	(17122320)	653944.87	4187821.39	5531.99773	(17121320)
653952.58	4187843.66	6121.50201	(17011509)	653960.28	4187865.94	4835.69656	(17122619)
653822.37	4187727.66	5413.74696	(17122620)	653797.59	4187727.00	5405.84409	(17122701)
653772.81	4187726.34	5390.10788	(17122917)	653748.03	4187725.68	5099.03625	(15011509)
653723.25	4187725.02	5786.07109	(17123009)	653698.48	4187724.35	5346.11410	(17011609)
653844.10	4187687.05	4534.14100	(17122920)	653884.90	4187705.78	4532.97892	(17020801)
653905.30	4187715.15	4355.22872	(17120120)	653946.10	4187733.88	4152.69383	(17012908)
653973.84	4187764.46	4267.00899	(17122320)	653988.51	4187806.89	5022.99177	(17011509)
654003.19	4187849.32	3867.78276	(17122619)	653798.92	4187677.02	4465.02893	(17013024)
653774.15	4187676.36	4613.07821	(17122917)	653749.37	4187675.70	4218.35509	(15011509)
653724.59	4187675.03	4829.93810	(17123009)	653699.81	4187674.37	4144.97645	(17122820)
653847.35	4187637.94	3764.31667	(17012804)	653869.66	4187648.19	3807.89875	(17122920)
653891.97	4187658.43	3659.50295	(17020801)	653914.29	4187668.68	3643.34208	(17020801)
653936.60	4187678.92	3606.94743	(17120120)	653958.91	4187689.17	3291.65859	(17012908)
653981.23	4187699.41	3414.07402	(17012908)	654011.56	4187732.86	3540.75435	(17122320)
654019.59	4187756.06	3693.17749	(17121219)	654027.61	4187779.26	4096.99059	(17011509)
654035.64	4187802.47	3882.60296	(17011509)	654043.66	4187825.67	3196.23069	(17122619)
654051.69	4187848.88	3146.19224	(17020824)	654059.71	4187872.08	3064.04434	(17011303)
653825.04	4187627.70	3709.19997	(17012520)	653800.26	4187627.04	3596.02674	(17013024)
653775.48	4187626.38	3846.10822	(17122917)	653750.70	4187625.71	3533.87681	(15011509)
653725.92	4187625.05	4083.30476	(17123009)	653701.15	4187624.39	3453.86505	(17122820)

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        653847.79   4187587.55     3087.82396  (17122701)                653869.21
4187597.39     3255.56652  (17122620)
        653890.63   4187607.22     3228.66603  (17122920)                653912.05
4187617.06     3097.68017  (17012903)
        653933.47   4187626.89     3250.72103  (17020801)                653954.89
4187636.72     3118.99375  (17120120)
        653976.31   4187646.56     2962.25058  (17011508)                653997.73
4187656.39     2974.14509  (17012908)
        654019.15   4187666.23     2782.52482  (17012908)                654048.28
4187698.34     2951.93331  (17122320)
        654055.98   4187720.61     3046.35717  (17121219)                654063.68
4187742.89     3152.36138  (17121320)
        654071.39   4187765.16     3586.26896  (17011509)                654079.09
4187787.44     2957.78602  (17011509)
        654086.80   4187809.72     2712.16450  (17122619)                654094.50
4187831.99     2655.53476  (17020824)
        654102.20   4187854.27     2550.92629  (17011303)                654109.91
4187876.54     2601.91993  (17121319)
        653826.37   4187577.72     3158.18714  (17013024)                653801.59
4187577.06     3120.26960  (17122917)
        653776.82   4187576.39     3188.86804  (17122917)                653752.04
4187575.73     3004.13758  (15011509)
        653727.26   4187575.07     3497.72359  (17123009)                653702.48
4187574.41     2971.02862  (17123009)
        653848.53   4187537.30     2796.30168  (17012520)                653869.36
4187546.86     2785.68099  (17122319)
        653890.18   4187556.42     2883.75446  (17122620)                653911.01
4187565.98     2779.91668  (17122920)
        653931.83   4187575.54     2719.73625  (17012903)                653952.66
4187585.10     2882.91021  (17020801)
        653973.48   4187594.66     2606.68502  (17120120)                653994.31
4187604.23     2630.33553  (17120120)
        654015.13   4187613.79     2501.57820  (17011508)                654035.96
4187623.35     2616.38905  (17012908)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 816
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654056.78	4187632.91	2371.51510	(17120121)	654085.10	4187664.13	2502.68565	(17122320)
654092.59	4187685.79	2589.30289	(17122320)	654100.08	4187707.44	2681.17331	(17121219)
654107.57	4187729.10	2995.97551	(17011509)	654115.06	4187750.76	2986.54934	(17011509)
654122.55	4187772.41	2252.44592	(17011509)	654130.04	4187794.07	2328.20477	(17122619)
654137.53	4187815.73	2285.45129	(17020824)	654145.02	4187837.38	2147.96795	(17011303)
654152.51	4187859.04	2168.81913	(17121319)	654159.99	4187880.70	2193.28401	(17010504)
653827.71	4187527.73	2696.22533	(17013024)	653802.93	4187527.07	2819.73187	(17122917)
653778.15	4187526.41	2646.93523	(17122917)	653753.37	4187525.75	2616.21725	(17011719)
653728.60	4187525.09	3033.96769	(17123009)	653703.82	4187524.42	2669.23255	(17123009)
653851.80	4187437.61	2148.34245	(17013024)	653873.22	4187447.44	2204.70602	(17012520)
653894.64	4187457.27	2171.33506	(17122319)	653916.06	4187467.11	2224.04867	(17012804)
653937.48	4187476.94	2280.84729	(17122920)	653958.90	4187486.78	2212.79458	(17012903)
653980.32	4187496.61	2140.52360	(17020801)	654001.74	4187506.45	2245.64059	(17020801)
654023.16	4187516.28	2004.85293	(17120120)	654044.58	4187526.12	2103.23976	(17120120)
654066.00	4187535.95	2011.49047	(17011508)	654087.42	4187545.79	1958.21074	(17012908)
654108.84	4187555.62	2006.52868	(17012908)	654130.26	4187565.45	1804.46425	(17120121)
654159.38	4187597.57	1896.54484	(17122320)	654167.09	4187619.84	2042.24271	(17122320)
654174.79	4187642.12	2098.48600	(17121219)	654182.49	4187664.39	2110.71219	(17121320)
654190.20	4187686.67	2388.84425	(17011509)	654197.90	4187708.94	2236.72618	(17011509)
654205.61	4187731.22	1671.69418	(17011509)	654213.31	4187753.49	1805.61003	(17122619)
654221.01	4187775.77	1719.29422	(17121906)	654228.72	4187798.04	1727.41683	(17020824)

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        654236.42   4187820.32     1723.51513  (17011303)                654244.12
4187842.59     1723.48188  (17121319)
        654251.83   4187864.87     1700.68808  (17010504)                654259.53
4187887.15     1751.66039  (17122519)
        653830.38   4187427.77     2058.56843  (17122917)                653805.60
4187427.11     2203.41391  (17122917)
        653780.82   4187426.45     1974.38320  (17120822)                653756.04
4187425.78     2071.99312  (17011719)
        653731.27   4187425.12     2357.29437  (17123009)                653706.49
4187424.46     2186.25196  (17123009)
        653854.87   4187337.82     1595.64697  (17011203)                653876.68
4187347.84     1765.55664  (17013024)
        653898.50   4187357.86     1798.88747  (17012520)                653920.32
4187367.87     1741.97104  (17122319)
        653942.13   4187377.89     1831.54450  (17012804)                653963.95
4187387.91     1855.12105  (17122518)
        653985.77   4187397.92     1779.18419  (17122920)                654007.58
4187407.94     1787.79304  (17012903)
        654029.40   4187417.96     1791.79519  (17020801)                654051.22
4187427.97     1806.95570  (17020801)
        654073.03   4187437.99     1603.04458  (17011208)                654094.85
4187448.01     1722.82979  (17120120)
        654116.67   4187458.02     1619.40317  (17011508)                654138.48
4187468.04     1536.58234  (17011508)
        654160.30   4187478.06     1645.76512  (17012908)                654182.12
4187488.07     1558.29536  (17012908)
        654203.93   4187498.09     1414.43692  (17120121)                654233.60
4187530.80     1493.53846  (17122320)
        654241.44   4187553.48     1652.07142  (17122320)                654249.29
4187576.17     1646.72770  (17121219)
        654257.14   4187598.86     1661.98905  (17121219)                654264.98
4187621.55     1782.31859  (17011509)
        654272.83   4187644.23     1934.94649  (17011509)                654280.68
4187666.92     1742.84236  (17011509)
        654288.52   4187689.61     1304.14366  (17011509)                654296.37
4187712.30     1449.79475  (17122619)
        654304.21   4187734.99     1390.08361  (17121906)                654312.06
4187757.67     1427.26964  (17020824)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 817
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
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VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654319.91	4187780.36	1307.64203	(17011303)	654327.75	4187803.05	1378.47792	(17011303)
654335.60	4187825.74	1399.17889	(17121319)	654343.45	4187848.43	1369.47687	(17010504)
654351.29	4187871.11	1401.42033	(17122519)	654359.14	4187893.80	1370.60235	(17122519)
653833.05	4187327.81	1777.25227	(17122917)	653808.27	4187327.14	1689.31008	(17122917)
653783.49	4187326.48	1576.34584	(15011509)	653758.72	4187325.82	1692.23012	(17011719)
653733.94	4187325.16	1896.36776	(17123009)	653709.16	4187324.50	1824.01935	(17123009)
653857.82	4187237.99	1450.47787	(17122917)	653879.92	4187248.14	1347.58664	(17013024)
653902.02	4187258.28	1483.21784	(17013024)	653924.12	4187268.43	1506.10336	(17012520)
653946.22	4187278.58	1432.51527	(17122319)	653968.32	4187288.72	1524.14001	(17012804)
653990.42	4187298.87	1542.39457	(17122518)	654012.52	4187309.02	1547.68041	(17122920)
654034.62	4187319.16	1490.43291	(17012903)	654056.72	4187329.31	1446.91767	(17012903)
654078.82	4187339.46	1522.93421	(17020801)	654100.92	4187349.60	1489.85819	(17020801)
654123.02	4187359.75	1330.09135	(17011208)	654145.12	4187369.90	1439.76859	(17120120)
654167.22	4187380.04	1314.58843	(17120120)	654189.32	4187390.19	1340.43004	(17011508)
654211.42	4187400.34	1307.49309	(17012908)	654233.52	4187410.48	1370.84534	(17012908)
654255.62	4187420.63	1257.00972	(17120121)	654277.72	4187430.78	1135.89027	(17120121)
654307.77	4187463.91	1210.52495	(17122320)	654315.72	4187486.89	1363.65841	(17122320)
654323.67	4187509.87	1315.96268	(17122320)	654331.62	4187532.86	1407.99055	(17121219)
654339.56	4187555.84	1412.72517	(17121320)	654347.51	4187578.82	1547.05663	(17011509)

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        654355.46   4187601.80     1593.46311  (17011509)                654363.41
4187624.79     1399.95215  (17011509)
        654371.36   4187647.77     1071.14006  (17012523)                654379.30
4187670.75     1193.64870  (17122619)
        654387.25   4187693.73     1159.29724  (17122619)                654395.20
4187716.72     1169.23184  (17020824)
        654403.15   4187739.70     1140.29650  (17020824)                654411.10
4187762.68     1134.33100  (17011303)
        654419.04   4187785.66     1112.85847  (17011303)                654426.99
4187808.65     1160.20300  (17121319)
        654434.94   4187831.63     1134.95975  (17010504)                654442.89
4187854.61     1152.13938  (17122519)
        654450.84   4187877.59     1156.68069  (17122519)                654458.79
4187900.58     1121.14066  (17122719)
        653835.72   4187227.84     1472.24727  (17122917)                653810.94
4187227.18     1339.25708  (17120822)
        653786.16   4187226.52     1325.56741  (15011509)                653761.39
4187225.86     1415.95515  (17011719)
        653736.61   4187225.19     1567.32592  (17123009)                653711.83
4187224.53     1546.69198  (17123009)
        653860.70   4187138.12     1273.04097  (17122917)                653883.02
4187148.37     1180.90983  (17122917)
        653905.33   4187158.61     1186.28550  (17013024)                653927.64
4187168.86     1267.06041  (17013024)
        653949.95   4187179.10     1286.58107  (17012520)                653972.27
4187189.34     1218.10697  (17012520)
        653994.58   4187199.59     1288.52213  (17122319)                654016.89
4187209.83     1282.84963  (17122620)
        654039.20   4187220.08     1321.16585  (17122920)                654061.52
4187230.32     1259.03680  (17122920)
        654083.83   4187240.57     1280.27512  (17012903)                654106.14
4187250.81     1176.18285  (17012903)
        654128.45   4187261.05     1310.26512  (17020801)                654150.77
4187271.30     1252.38787  (17020801)
        654173.08   4187281.54     1127.39849  (17011208)                654195.39
4187291.79     1223.60431  (17120120)
        654217.71   4187302.03     1157.04909  (17120120)                654240.02
4187312.28     1157.72501  (17011508)
        654262.33   4187322.52     1054.43720  (17011508)                654284.64
4187332.77     1156.85493  (17012908)
        654306.96   4187343.01     1140.18628  (17012908)                654329.27
4187353.25     1060.27304  (17120121)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 818
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654351.58	4187363.50	941.14105	(17013019)	654381.92	4187396.95	1003.45084	(17122320)
654389.94	4187420.15	1144.55587	(17122320)	654397.97	4187443.35	1144.63373	(17122320)
654405.99	4187466.56	1181.32460	(17121219)	654414.02	4187489.76	1163.74269	(17121320)
654422.04	4187512.96	1186.45226	(17011509)	654430.07	4187536.17	1344.31436	(17011509)
654438.09	4187559.37	1332.45281	(17011509)	654446.11	4187582.57	1151.71507	(17011509)
654454.14	4187605.78	906.96002	(17012523)	654462.16	4187628.98	1001.99747	(17122619)
654470.19	4187652.19	1002.65833	(17122619)	654478.21	4187675.39	968.28188	(17121906)
654486.24	4187698.59	999.00141	(17020824)	654494.26	4187721.80	894.38357	(17020824)
654502.29	4187745.00	975.01437	(17011303)	654510.31	4187768.20	938.65769	(17121319)
654518.34	4187791.41	979.89636	(17121319)	654526.36	4187814.61	961.70277	(17010504)
654534.39	4187837.81	967.03495	(17122519)	654542.41	4187861.02	991.14192	(17122519)
654550.43	4187884.22	962.37365	(17122719)	654558.46	4187907.43	899.18290	(17122621)
653838.39	4187127.88	1199.72645	(17122917)	653813.61	4187127.22	1176.38697	(15041307)
653788.83	4187126.55	1129.90664	(15011509)	653764.06	4187125.89	1207.69806	(17011719)
653739.28	4187125.23	1322.93521	(17123009)	653714.50	4187124.57	1330.09658	(17123009)
653863.54	4187038.23	1088.51661	(17122917)	653886.02	4187048.55	1087.78615	(17122917)
653908.50	4187058.87	985.37679	(17011203)	653930.97	4187069.19	1052.44308	(17013024)

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        653953.45   4187079.51     1096.80809  (17013024)                653975.93
4187089.83     1116.42803  (17012520)
        653998.41   4187100.16     1061.82701  (17012520)                654020.88
4187110.48     1118.80238  (17122319)
        654043.36   4187120.80     1127.90473  (17012804)                654065.84
4187131.12     1149.81061  (17122518)
        654088.32   4187141.44     1136.76912  (17122920)                654110.80
4187151.76     1090.79125  (17012903)
        654133.27   4187162.08     1092.57130  (17012903)                654155.75
4187172.40     1053.73490  (17020801)
        654178.23   4187182.72     1139.14743  (17020801)                654200.71
4187193.04     1069.53555  (17020801)
        654223.19   4187203.36      971.90022  (17011208)                654245.66
4187213.68     1054.67132  (17120120)
        654268.14   4187224.00     1024.27153  (17120120)                654290.62
4187234.32      996.57662  (17011508)
        654313.10   4187244.64      964.22346  (17011508)                654335.58
4187254.96      953.67319  (17012908)
        654358.05   4187265.28     1010.85864  (17012908)                654380.53
4187275.60      950.96735  (17012908)
        654403.01   4187285.92      902.02136  (17120121)                654425.49
4187296.24      821.36982  (17013019)
        654456.05   4187329.94      846.87361  (17122320)                654464.13
4187353.31      974.28755  (17122320)
        654472.22   4187376.69     1000.69356  (17122320)                654480.30
4187400.06      988.57823  (17121219)
        654488.38   4187423.44     1029.38071  (17121219)                654496.47
4187446.81     1032.89365  (17121320)
        654504.55   4187470.19     1081.72542  (17011509)                654512.64
4187493.56     1172.54865  (17011509)
        654520.72   4187516.94     1129.40767  (17011509)                654528.81
4187540.32      965.43360  (17011509)
        654536.89   4187563.69      781.83736  (17012523)                654544.97
4187587.07      854.38443  (17122619)
        654553.06   4187610.44      874.77794  (17122619)                654561.14
4187633.82      841.15198  (17121906)
        654569.23   4187657.19      862.14976  (17020824)                654577.31
4187680.57      829.02426  (17020824)
        654585.39   4187703.94      810.72515  (17011303)                654593.48
4187727.32      836.88356  (17011303)
        654601.56   4187750.69      826.08949  (17121319)                654609.65
4187774.07      840.62224  (17121319)
        654617.73   4187797.45      829.33315  (17010504)                654625.81
4187820.82      825.21622  (17122519)
        654633.90   4187844.20      859.67989  (17122519)                654641.98
4187867.57      829.94591  (17122719)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654650.07	4187890.95	796.70215	(17122719)	654658.15	4187914.32	793.09818	(17122621)
653841.06	4187027.91	1064.38809	(15041307)	653816.28	4187027.25	1082.71756	(15041307)
653791.51	4187026.59	984.85150	(15041307)	653766.73	4187025.93	1046.20918	(17011719)
653741.95	4187025.27	1135.54411	(17123009)	653717.17	4187024.60	1157.59618	(17123009)
653870.18	4186788.31	906.56826	(15041307)	653892.62	4186798.61	820.63472	(15041307)
653915.06	4186808.91	814.51796	(17122917)	653937.50	4186819.21	770.40862	(17122917)
653959.94	4186829.52	706.03254	(17011203)	653982.38	4186839.82	769.49279	(17013024)
654004.82	4186850.12	810.15103	(17013024)	654027.26	4186860.43	804.93977	(17012520)
654049.70	4186870.73	821.68954	(17012520)	654072.14	4186881.03	776.51550	(17011120)
654094.58	4186891.33	826.02234	(17122319)	654117.02	4186901.64	838.05902	(17012804)
654139.46	4186911.94	835.00164	(17122518)	654161.90	4186922.24	841.92443	(17122920)
654184.34	4186932.55	827.86038	(17122920)	654206.78	4186942.85	796.53550	(17012903)
654229.22	4186953.15	813.36449	(17012903)	654251.66	4186963.45	756.42925	(17012903)
654274.10	4186973.76	802.91011	(17020801)	654296.54	4186984.06	838.87586	(17020801)
654318.98	4186994.36	790.15596	(17020801)	654341.42	4187004.67	693.90254	(17121708)

654363.86 4187014.97 743.39992 (17120120) 654386.30
4187025.27 780.01940 (17120120)
654408.74 4187035.58 740.97937 (17120120) 654431.18
4187045.88 727.66886 (17011508)
654453.62 4187056.18 726.55350 (17011508) 654476.06
4187066.48 652.16669 (17011508)
654498.50 4187076.79 716.54900 (17012908) 654520.94
4187087.09 741.88515 (17012908)
654543.38 4187097.39 704.16399 (17012908) 654565.82
4187107.70 675.45717 (17120121)
654588.26 4187118.00 640.38959 (15030608) 654610.70
4187128.30 611.87532 (17013019)
654641.21 4187161.94 589.64611 (17012607) 654649.28
4187185.28 682.00390 (17122320)
654657.35 4187208.61 732.37169 (17122320) 654665.42
4187231.95 722.47198 (17122320)
654673.49 4187255.29 722.93569 (17121219) 654681.57
4187278.62 755.26039 (17121219)
654689.64 4187301.96 740.47000 (17121320) 654697.71
4187325.29 754.53022 (17121320)
654705.78 4187348.63 806.55574 (17011509) 654713.85
4187371.97 857.46840 (17011509)
654721.92 4187395.30 836.69986 (17011509) 654729.99
4187418.64 748.71878 (17011509)
654738.06 4187441.97 615.75826 (17011509) 654746.13
4187465.31 557.55425 (17022307)
654754.20 4187488.65 620.94731 (17122619) 654762.27
4187511.98 643.09032 (17122619)
654770.34 4187535.32 608.76009 (17121906) 654778.41
4187558.66 607.89379 (17121906)
654786.48 4187581.99 632.12477 (17020824) 654794.55
4187605.33 605.68530 (17020824)
654802.62 4187628.66 569.66412 (17011303) 654810.69
4187652.00 613.25206 (17011303)
654818.76 4187675.34 597.27386 (17011303) 654826.83
4187698.67 608.45581 (17121319)
654834.90 4187722.01 616.11766 (17121319) 654842.97
4187745.35 604.98012 (17010504)
654851.04 4187768.68 589.75923 (17010504) 654859.11
4187792.02 617.08804 (17122519)
654867.19 4187815.35 626.47677 (17122519) 654875.26
4187838.69 604.56697 (17122719)
654883.33 4187862.03 595.84895 (17122719) 654891.40
4187885.36 565.60187 (17122621)
654899.47 4187908.70 578.92170 (17122621) 654907.54
4187932.03 554.46190 (17122621)
653847.74 4186778.00 925.38654 (15041307) 653822.96
4186777.34 876.97210 (15041307)
653798.18 4186776.68 768.47227 (15041307) 653773.40
4186776.02 768.95444 (17011719)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653748.63	4186775.35	818.75562	(17123009)	653723.85	4186774.69	852.98537	(17123009)
653876.83	4186538.38	812.56534	(15041307)	653899.25	4186548.68	792.01710	(15041307)
653921.66	4186558.97	726.46008	(15041307)	653944.08	4186569.26	633.21336	(17122917)
653966.50	4186579.55	622.45738	(17122917)	653988.91	4186589.84	575.94954	(17011203)
654011.33	4186600.14	534.29054	(17011203)	654033.75	4186610.43	593.98837	(17013024)
654056.16	4186620.72	628.50791	(17013024)	654078.58	4186631.01	619.99108	(17013024)
654101.00	4186641.30	640.74606	(17012520)	654123.41	4186651.60	629.89237	(17012520)
654145.83	4186661.89	607.89815	(17011120)	654168.25	4186672.18	643.30697	(17122319)
654190.66	4186682.47	652.27265	(17012804)	654213.08	4186692.76	633.79120	(17012804)
654235.49	4186703.06	660.52428	(17122518)	654257.91	4186713.35	658.87664	(17122920)
654280.33	4186723.64	636.11613	(17122920)	654302.74	4186733.93	614.53092	(17012903)
654325.16	4186744.22	634.22646	(17012903)	654347.58	4186754.52	609.03790	(17012903)
654369.99	4186764.81	574.68624	(17020801)	654392.41	4186775.10	636.35979	(17020801)

654414.83 4186785.39 651.56718 (17020801) 654437.24
4186795.68 615.58602 (17020801)
654459.66 4186805.98 548.81386 (17121708) 654482.07
4186816.27 557.25281 (17011208)
654504.49 4186826.56 595.15557 (17120120) 654526.91
4186836.85 603.72882 (17120120)
654549.32 4186847.14 567.01853 (17120120) 654571.74
4186857.44 561.14216 (17011508)
654594.16 4186867.73 570.37507 (17011508) 654616.57
4186878.02 533.87729 (17011508)
654638.99 4186888.31 515.74411 (17012908) 654661.41
4186898.60 563.15522 (17012908)
654683.82 4186908.90 575.09505 (17012908) 654706.24
4186919.19 549.15120 (17012908)
654728.66 4186929.48 541.72766 (15030608) 654751.07
4186939.77 566.12626 (15030608)
654773.49 4186950.06 549.53712 (15030608) 654795.90
4186960.36 496.24216 (15030608)
654826.38 4186993.96 452.88143 (17012607) 654834.44
4187017.27 503.53314 (17122320)
654842.51 4187040.58 553.17171 (17122320) 654850.57
4187063.89 570.13644 (17122320)
654858.63 4187087.21 549.86330 (17122320) 654866.69
4187110.52 559.14792 (17121219)
654874.75 4187133.83 584.76752 (17121219) 654882.82
4187157.14 570.04716 (17121219)
654890.88 4187180.45 586.56873 (17121320) 654898.94
4187203.76 573.46741 (17121320)
654907.00 4187227.08 631.73826 (17011509) 654915.06
4187250.39 663.59936 (17011509)
654923.13 4187273.70 652.47392 (17011509) 654931.19
4187297.01 600.15085 (17011509)
654939.25 4187320.32 516.98436 (17011509) 654947.31
4187343.63 455.04804 (17012523)
654955.37 4187366.94 436.60677 (17022307) 654963.43
4187390.26 478.08536 (17122619)
654971.50 4187413.57 497.92395 (17122619) 654979.56
4187436.88 483.76404 (17122619)
654987.62 4187460.19 475.12751 (17121906) 654995.68
4187483.50 474.29955 (17020824)
655003.74 4187506.81 489.47282 (17020824) 655011.81
4187530.13 468.38896 (17020824)
655019.87 4187553.44 423.79349 (17011303) 655027.93
4187576.75 466.21016 (17011303)
655035.99 4187600.06 474.87286 (17011303) 655044.05
4187623.37 448.12184 (17011303)
655052.12 4187646.68 473.24534 (17121319) 655060.18
4187669.99 477.72799 (17121319)
655068.24 4187693.31 464.07637 (17010504) 655076.30
4187716.62 466.39517 (17010504)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655116.61	4187833.17	466.74528	(17122719)	655124.67	4187856.49	437.12779	(17122719)
655132.73	4187879.80	444.79900	(17122621)	655140.80	4187903.11	445.72113	(17122621)
655148.86	4187926.42	438.85000	(16122009)	655156.92	4187949.73	410.93354	(16010203)
653854.42	4186528.09	786.10045	(15041307)	653829.64	4186527.43	718.11145	(15041307)
653804.86	4186526.77	618.65967	(15041307)	653780.08	4186526.11	596.73348	(17011719)
653755.30	4186525.44	625.53166	(17123009)	653730.53	4186524.78	659.28436	(17123009)
653883.49	4186288.47	713.66786	(15041307)	653905.89	4186298.75	727.32022	(15041307)
653928.29	4186309.03	706.75081	(15041307)	653950.69	4186319.32	653.81601	(15041307)
653973.09	4186329.60	575.44034	(15041307)	653995.49	4186339.89	510.83967	(17122917)
654017.89	4186350.17	486.72750	(17122917)	654040.29	4186360.46	456.77224	(17011203)
654062.69	4186370.74	427.61972	(17031604)	654085.09	4186381.03	476.26832	(17013024)

654107.49 4186391.31 505.17100 (17013024) 654129.89
4186401.60 506.56570 (17013024)
654152.29 4186411.88 507.92044 (17012520) 654174.69
4186422.16 519.25142 (17012520)
654197.09 4186432.45 498.50194 (17012520) 654219.49
4186442.73 492.87446 (17011120)
654241.89 4186453.02 520.01770 (17122319) 654264.29
4186463.30 525.08495 (17012804)
654286.69 4186473.59 521.65270 (17012804) 654309.09
4186483.87 526.18215 (17122518)
654331.49 4186494.16 532.12723 (17122518) 654353.90
4186504.44 531.62620 (17122920)
654376.30 4186514.73 507.67632 (17122920) 654398.70
4186525.01 492.61788 (17012903)
654421.10 4186535.29 511.58500 (17012903) 654443.50
4186545.58 501.44292 (17012903)
654465.90 4186555.86 463.58046 (17012903) 654488.30
4186566.15 482.37032 (17020801)
654510.70 4186576.43 519.61483 (17020801) 654533.10
4186586.72 525.21341 (17020801)
654555.50 4186597.00 497.53514 (17020801) 654577.90
4186607.29 448.06470 (17121708)
654600.30 4186617.57 439.00318 (17011208) 654622.70
4186627.86 460.91513 (17120120)
654645.10 4186638.14 486.86039 (17120120) 654667.50
4186648.42 483.50051 (17120120)
654689.90 4186658.71 451.31559 (17120120) 654712.30
4186668.99 449.72337 (17011508)
654734.70 4186679.28 462.18568 (17011508) 654757.10
4186689.56 444.48968 (17011508)
654779.50 4186699.85 400.27273 (17011508) 654801.90
4186710.13 428.48534 (17012908)
654824.30 4186720.42 457.85263 (17012908) 654846.70
4186730.70 463.50425 (17012908)
654869.10 4186740.99 444.58808 (17012908) 654891.50
4186751.27 470.76411 (15030608)
654913.90 4186761.55 501.34812 (15030608) 654936.30
4186771.84 503.24625 (15030608)
654958.70 4186782.12 476.22336 (15030608) 654981.10
4186792.41 425.50875 (15030608)
655011.55 4186825.99 364.03480 (15021508) 655019.61
4186849.28 387.09795 (17122320)
655027.67 4186872.58 430.48887 (17122320) 655035.72
4186895.87 455.33809 (17122320)
655043.78 4186919.17 457.07664 (17122320) 655051.83
4186942.46 434.84411 (17122320)
655059.89 4186965.76 449.62191 (17121219) 655067.95
4186989.05 470.19327 (17121219)
655076.00 4187012.34 464.84572 (17121219) 655084.06
4187035.64 466.07636 (17121320)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655156.56	4187245.29	357.58696	(17012523)	655164.62	4187268.58	354.33585	(17022307)
655172.68	4187291.88	382.93064	(17122619)	655180.73	4187315.17	399.94635	(17122619)
655188.79	4187338.47	395.09809	(17122619)	655196.84	4187361.76	379.44671	(17121906)
655204.90	4187385.06	380.03656	(17121906)	655212.96	4187408.35	387.13252	(17020824)
655221.01	4187431.65	393.45906	(17020824)	655229.07	4187454.94	376.42660	(17020824)
655237.12	4187478.24	339.38910	(17020824)	655245.18	4187501.53	365.51556	(17011303)
655253.24	4187524.83	382.72195	(17011303)	655261.29	4187548.12	376.78189	(17011303)
655269.35	4187571.41	357.21674	(17121319)	655277.40	4187594.71	382.36135	(17121319)
655285.46	4187618.00	385.21349	(17121319)	655293.52	4187641.30	369.41523	(17010504)

655301.57 4187664.59 378.29002 (17010504) 655309.63 4187687.89 364.89679 (17010504)
655317.68 4187711.18 373.94826 (17122519) 655325.74 4187734.48 391.10610 (17122519)
655333.80 4187757.77 387.79027 (17122519) 655341.85 4187781.07 374.26533 (17122719)
655349.91 4187804.36 377.93829 (17122719) 655357.96 4187827.65 361.78381 (17122719)
655366.02 4187850.95 349.19436 (17122621) 655374.08 4187874.24 360.02610 (17122621)
655382.13 4187897.54 389.76094 (16122009) 655390.19 4187920.83 391.36713 (16122009)
655398.25 4187944.13 363.34313 (16122009) 655406.30 4187967.42 348.98297 (16010203)
653861.09 4186278.18 669.12107 (15041307) 653836.31 4186277.52 598.20715 (15041307)
653811.54 4186276.86 511.23889 (15041307) 653786.76 4186276.19 480.92499 (17011719)
653761.98 4186275.53 497.42390 (17123009) 653737.20 4186274.87 527.78284 (17123009)
653890.16 4186038.55 621.80694 (15041307) 653912.55 4186048.83 652.22265 (15041307)
653934.93 4186059.11 658.49498 (15041307) 653957.32 4186069.39 638.89085 (15041307)
653979.71 4186079.67 595.11126 (15041307) 654002.10 4186089.94 531.97714 (15041307)
654024.49 4186100.22 456.47091 (15041307) 654046.88 4186110.50 416.43838 (17122917)
654069.26 4186120.78 388.94978 (17011203) 654091.65 4186131.06 371.67579 (17011203)
654114.04 4186141.34 355.46385 (17031604) 654136.43 4186151.62 392.77924 (17013024)
654158.82 4186161.90 417.05049 (17013024) 654181.20 4186172.18 422.76893 (17013024)
654203.59 4186182.46 409.79254 (17012520) 654225.98 4186192.74 429.73345 (17012520)
654248.37 4186203.01 428.14813 (17012520) 654270.76 4186213.29 408.22363 (17012920)
654293.15 4186223.57 410.76043 (17122319) 654315.53 4186233.85 432.03648 (17122319)
654337.92 4186244.13 433.80104 (17012804) 654360.31 4186254.41 437.39607 (17012804)
654382.70 4186264.69 425.40190 (17122518) 654405.09 4186274.97 443.31374 (17122518)
654427.48 4186285.25 439.09178 (17122920) 654449.86 4186295.53 439.43356 (17122920)
654472.25 4186305.81 416.77575 (17122920) 654494.64 4186316.08 406.16122 (17012903)
654517.03 4186326.36 423.39276 (17012903) 654539.42 4186336.64 420.75636 (17012903)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
654561.81	4186346.92	398.41250	(17012903)	654584.19	4186357.20	369.44227	(17020801)
654606.58	4186367.48	411.04601	(17020801)	654628.97	4186377.76	434.36722	(17020801)
654651.36	4186388.04	435.25590	(17020801)	654673.75	4186398.32	413.31011	(17020801)
654696.13	4186408.60	374.88613	(17121708)	654718.52	4186418.88	354.33954	(17011208)
654740.91	4186429.16	373.50466	(17011208)	654763.30	4186439.43	393.84502	(17120120)
654785.69	4186449.71	405.96724	(17120120)	654808.08	4186459.99	397.51943	(17120120)
654830.46	4186470.27	371.00354	(17011301)	654852.85	4186480.55	370.71007	(17011508)
654875.24	4186490.83	383.70890	(17011508)	654897.63	4186501.11	375.91850	(17011508)
654920.02	4186511.39	348.68453	(17011508)	654942.41	4186521.67	329.75093	(17012908)
654964.79	4186531.95	362.74446	(17012908)	654987.18	4186542.23	381.79470	(17012908)
655009.57	4186552.50	384.24483	(17012908)	655031.96	4186562.78	369.82524	(17012908)
655054.35	4186573.06	414.81952	(15030608)	655076.74	4186583.34	447.08422	(15030608)
655099.12	4186593.62	458.85380	(15030608)	655121.51	4186603.90	448.42590	(15030608)

655143.90 4186614.18 417.54034 (15030608) 655166.29
4186624.46 371.00903 (15030608)
655196.73 4186658.02 301.34507 (15021508) 655204.78
4186681.30 309.52876 (17012607)
655212.83 4186704.58 343.49346 (17122320) 655220.88
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655228.94 4186751.15 380.48826 (17122320) 655236.99
4186774.43 375.22309 (17122320)
655245.04 4186797.71 353.90747 (17122320) 655253.09
4186821.00 372.04528 (17121219)
655261.14 4186844.28 388.86948 (17121219) 655269.19
4186867.56 388.05611 (17121219)
655277.25 4186890.84 378.03467 (17121320) 655285.30
4186914.12 391.93536 (17121320)
655293.35 4186937.41 386.50028 (17121320) 655301.40
4186960.69 410.29286 (14102408)
655309.45 4186983.97 426.63698 (17011509) 655317.51
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4187053.82 415.46509 (17011509)
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4187100.38 328.02548 (17011509)
655357.76 4187123.66 307.07228 (17012523) 655365.82
4187146.95 288.50384 (17012523)
655373.87 4187170.23 295.32917 (17022307) 655381.92
4187193.51 315.79774 (17122619)
655389.97 4187216.79 330.32680 (17122619) 655398.02
4187240.08 330.00089 (17122619)
655406.07 4187263.36 314.83781 (17122619) 655414.13
4187286.64 316.27451 (17121906)
655422.18 4187309.92 310.68697 (17121906) 655430.23
4187333.20 323.50793 (17020824)
655438.28 4187356.49 325.42903 (17020824) 655446.33
4187379.77 311.42253 (17020824)
655454.39 4187403.05 283.76037 (17020824) 655462.44
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4187472.90 317.30834 (17011303)
655486.59 4187496.18 305.46798 (17011303) 655494.64
4187519.46 300.27705 (17121319)
655502.70 4187542.74 317.56264 (17121319) 655510.75
4187566.03 319.46369 (17121319)
655518.80 4187589.31 305.86850 (17121319) 655526.85
4187612.59 313.25258 (17010504)
655534.90 4187635.87 308.99114 (17010504) 655542.95
4187659.16 292.89984 (17122519)
655551.01 4187682.44 315.35252 (17122519) 655559.06
4187705.72 324.80753 (17122519)
655567.11 4187729.00 320.16229 (17122519) 655575.16
4187752.28 308.98328 (17122719)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653903.50	4185538.72	465.96138	(15041307)	653925.87	4185548.99	505.47782	(15041307)
653948.24	4185559.26	534.19512	(15041307)	653970.61	4185569.54	549.35259	(15041307)
653992.98	4185579.81	549.15832	(15041307)	654015.36	4185590.08	532.91493	(15041307)
654037.73	4185600.35	501.99965	(15041307)	654060.10	4185610.62	458.95082	(15041307)
654082.47	4185620.89	407.23735	(15041307)	654104.84	4185631.17	350.97123	(15041307)

654127.22 4185641.44 303.86739 (17122917) 654149.59
4185651.71 286.60115 (17122917)
654171.96 4185661.98 276.93376 (17011203) 654194.33
4185672.25 260.74080 (17011203)
654216.70 4185682.52 260.18849 (17031604) 654239.08
4185692.80 283.72271 (17013024)
654261.45 4185703.07 301.28948 (17013024) 654283.82
4185713.34 309.37053 (17013024)
654306.19 4185723.61 306.83897 (17013024) 654328.57
4185733.88 301.88824 (17012520)
654350.94 4185744.15 314.34940 (17012520) 654373.31
4185754.43 315.29180 (17012520)
654395.68 4185764.70 304.34511 (17012520) 654418.05
4185774.97 296.11400 (17011120)
654440.43 4185785.24 302.94175 (17122319) 654462.80
4185795.51 316.36645 (17122319)
654485.17 4185805.78 316.19155 (17122319) 654507.54
4185816.06 321.75628 (17012804)
654529.91 4185826.33 316.50977 (17012804) 654552.29
4185836.60 313.17541 (17122518)
654574.66 4185846.87 324.51093 (17122518) 654597.03
4185857.14 322.53102 (17122518)
654619.40 4185867.41 323.75389 (17122920) 654641.78
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654664.15 4185887.96 298.60734 (17122920) 654686.52
4185898.23 293.45784 (17012903)
654708.89 4185908.50 307.11196 (17012903) 654731.26
4185918.77 310.43287 (17012903)
654753.64 4185929.04 302.91897 (17012903) 654776.01
4185939.32 285.32699 (17012903)
654798.38 4185949.59 260.57940 (17020801) 654820.75
4185959.86 289.69748 (17020801)
654843.12 4185970.13 310.34024 (17020801) 654865.50
4185980.40 319.95206 (17020801)
654887.87 4185990.67 317.22311 (17020801) 654910.24
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654977.36 4186031.76 262.11255 (17011208) 654999.73
4186042.03 272.99734 (17011208)
655022.10 4186052.30 284.78189 (17120120) 655044.47
4186062.58 295.64007 (17120120)
655066.85 4186072.85 295.63997 (17120120) 655089.22
4186083.12 284.75808 (17120120)
655111.59 4186093.39 270.43006 (17011301) 655133.96
4186103.66 267.70512 (17011508)
655156.33 4186113.94 279.30513 (17011508) 655178.71
4186124.21 279.95712 (17011508)
655201.08 4186134.48 269.57421 (17011508) 655223.45
4186144.75 249.48729 (17011508)

655245.82 4186155.02 231.40270 (17012908) 655268.19
4186165.29 254.80588 (17012908)
655290.57 4186175.57 271.77102 (17012908) 655312.94
4186185.84 280.58072 (17012908)
655335.31 4186196.11 280.36365 (17012908) 655357.68
4186206.38 293.94158 (15030608)
655380.06 4186216.65 332.47602 (15030608) 655402.43
4186226.92 363.19048 (15030608)
655424.80 4186237.20 382.83211 (15030608) 655447.17
4186247.47 389.24613 (15030608)
655469.54 4186257.74 381.80042 (15030608) 655491.92
4186268.01 361.46516 (15030608)
655514.29 4186278.28 330.66325 (15030608) 655536.66
4186288.55 292.62624 (15030608)
655567.08 4186322.09 219.30577 (15021508) 655575.12
4186345.36 224.69752 (17012607)
655583.17 4186368.62 231.91726 (17122320) 655591.22
4186391.89 253.70876 (17122320)
655599.26 4186415.15 269.37100 (17122320) 655607.31
4186438.42 277.27852 (17122320)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655615.35	4186461.68	276.47657	(17122320)	655623.40	4186484.95	266.91131	(17122320)
655631.45	4186508.21	251.02063	(17121219)	655639.49	4186531.48	270.67513	(17121219)
655647.54	4186554.75	282.49427	(17121219)	655655.58	4186578.01	285.08359	(17121219)

655663.63 4186601.28 278.03094 (17121219) 655671.68
4186624.54 278.72416 (17121320)
655679.72 4186647.81 286.36109 (17121320) 655687.77
4186671.07 306.08248 (14102408)
655695.81 4186694.34 336.58402 (14102408) 655703.86
4186717.60 354.04299 (14102408)
655711.91 4186740.87 355.77488 (14102408) 655719.95
4186764.13 341.35393 (14102408)
655728.00 4186787.40 320.35652 (17011509) 655736.04
4186810.67 308.79323 (17011509)
655744.09 4186833.93 288.26013 (17011509) 655752.14
4186857.20 260.73534 (17011509)
655760.18 4186880.46 228.75254 (17011509) 655768.23
4186903.73 225.47762 (17012523)
655776.27 4186926.99 233.89835 (14042707) 655784.32
4186950.26 242.18000 (14042707)
655792.37 4186973.52 242.90773 (14042707) 655800.41
4186996.79 235.98102 (14042707)
655808.46 4187020.06 239.23313 (17122619) 655816.50
4187043.32 242.22355 (17122619)
655824.55 4187066.59 237.15600 (17122619) 655832.60
4187089.85 226.35265 (17121906)
655840.64 4187113.12 230.39053 (17121906) 655848.69
4187136.38 227.73873 (17121906)
655856.73 4187159.65 231.03899 (17020824) 655864.78
4187182.91 238.03307 (17020824)
655872.83 4187206.18 236.46513 (17020824) 655880.87
4187229.44 226.54527 (17020824)
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4187275.98 201.68093 (17011303)
655905.01 4187299.24 219.20303 (17011303) 655913.06
4187322.51 229.65178 (17011303)
655921.10 4187345.77 231.83753 (17011303) 655929.15
4187369.04 225.55319 (17011303)
655937.19 4187392.30 211.60959 (17011303) 655945.24
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655953.29 4187438.83 232.50921 (17121319) 655961.33
4187462.10 233.45129 (17121319)
655969.38 4187485.36 226.10002 (17121319) 655977.42
4187508.63 225.85330 (17010504)
655985.47 4187531.90 228.95287 (17010504) 655993.52
4187555.16 223.89720 (17010504)
656001.56 4187578.43 211.36262 (17010504) 656009.61
4187601.69 224.68450 (17122519)
656017.65 4187624.96 234.50128 (17122519) 656025.70
4187648.22 237.00074 (17122519)
656033.75 4187671.49 232.02551 (17122519) 656041.79
4187694.75 223.93255 (17122719)
656049.84 4187718.02 229.08538 (17122719) 656057.88
4187741.28 226.84940 (17122719)

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        656065.93   4187764.55      217.57235  (17122719)                656073.98
4187787.82      219.30878  (15121209)
        656082.02   4187811.08      247.20108  (15121209)                656090.07
4187834.35      270.17910  (16122009)
        656098.11   4187857.61      293.67264  (16122009)                656106.16
4187880.88      303.70247  (16122009)
        656114.20   4187904.14      299.01598  (16122009)                656122.25
4187927.41      280.70884  (16122009)
        656130.30   4187950.67      256.19861  (15121209)                656138.34
4187973.94      231.29213  (15121209)
        656146.39   4187997.20      216.47659  (16010203)                656154.43
4188020.47      216.12168  (16010203)
        653881.12   4185528.45      419.16590  (15041307)                653856.35
4185527.79      366.01947  (15041307)
        653831.57   4185527.12      311.77180  (15041307)                653806.79
4185526.46      290.14297  (17011719)
        653782.01   4185525.80      292.95764  (17012818)                653757.23
4185525.14      310.21920  (17123009)
        653916.84   4185038.89      365.74623  (15041307)                653939.20
4185049.16      402.29557  (15041307)
        653961.56   4185059.43      434.17522  (15041307)                653983.92
4185069.69      459.27155  (15041307)
        654006.29   4185079.96      475.91465  (15041307)                654028.65
4185090.23      482.63276  (15041307)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 826
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        654051.01   4185100.49      478.63054  (15041307)                654073.37
4185110.76      463.98045  (15041307)
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654095.73 4185121.03 439.55212 (15041307) 654118.09
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4185151.83 325.65210 (15041307)
654185.18 4185162.10 281.74629 (15041307) 654207.54
4185172.36 238.64345 (15041307)
654229.90 4185182.63 222.57522 (17122917) 654252.26
4185192.90 216.29138 (17011203)
654274.63 4185203.16 206.98184 (17011203) 654296.99
4185213.43 199.99113 (17031604)
654319.35 4185223.70 201.05309 (17031604) 654341.71
4185233.96 216.79684 (17013024)
654364.07 4185244.23 229.99168 (17013024) 654386.43
4185254.50 237.76337 (17013024)
654408.80 4185264.77 239.33787 (17013024) 654431.16
4185275.03 234.46427 (17013024)
654453.52 4185285.30 234.46720 (17012520) 654475.88
4185295.57 243.00269 (17012520)
654498.24 4185305.83 244.64310 (17012520) 654520.60
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4185336.63 236.28965 (14090107)
654587.69 4185346.90 237.56360 (14090107) 654610.05
4185357.17 244.81168 (17122319)
654632.41 4185367.43 245.92762 (17122319) 654654.77
4185377.70 247.90932 (17012804)
654677.14 4185387.97 248.63565 (17012804) 654699.50
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654721.86 4185408.50 262.29167 (13012109) 654744.22
4185418.77 271.91788 (13012109)
654766.58 4185429.04 271.76568 (13012109) 654788.94
4185439.30 261.70765 (13012109)
654811.31 4185449.57 249.29653 (17122920) 654833.67
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655169.09 4185613.84 216.96450 (17020801) 655191.45
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655258.54 4185654.91 210.93642 (17011208) 655280.90
4185665.17 217.99102 (17120120)
655303.26 4185675.44 227.05388 (17120120) 655325.62
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4185767.84 204.36698 (17011508)
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4185808.91 203.45330 (17012908)
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4185829.44 217.38892 (17012908)
655661.05 4185839.71 216.35209 (17012908) 655683.41
4185849.98 243.49079 (15030608)
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4185891.05 336.28905 (15030608)
655795.22 4185901.31 340.15726 (15030608) 655817.58
4185911.58 334.49955 (15030608)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

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        656291.29   4187009.37      181.56495  (17020824)                656299.33
4187032.62      184.23413  (17020824)
        656307.37   4187055.88      181.75972  (17020824)                656315.41
4187079.13      174.37825  (17020824)
        656323.46   4187102.39      162.75227  (17020824)                656331.50
4187125.64      155.98625  (15120621)
        656339.54   4187148.90      160.84226  (17011303)                656347.58
4187172.15      171.56685  (17011303)
        656355.63   4187195.41      177.88013  (17011303)                656363.67
4187218.66      179.21928  (17011303)
        656371.71   4187241.92      175.48868  (17011303)                656379.75
4187265.17      167.05928  (17011303)
        656387.79   4187288.43      164.50073  (17121319)                656395.84
4187311.68      174.47810  (17121319)
        656403.88   4187334.93      179.95554  (17121319)                656411.92
4187358.19      180.47290  (17121319)
        656419.96   4187381.44      176.02172  (17121319)                656428.01
4187404.70      171.26146  (17010504)
        656436.05   4187427.95      176.26028  (17010504)                656444.09
4187451.21      176.41209  (17010504)
        656452.13   4187474.46      171.74961  (17010504)                656460.17
4187497.72      162.72844  (17010504)
        656468.22   4187520.97      169.45708  (17122519)                656476.26
4187544.23      178.03075  (17122519)
        656484.30   4187567.48      182.45250  (17122519)                656492.34
4187590.74      182.41715  (17122519)
        656500.39   4187613.99      177.97691  (17122519)                656508.43
4187637.24      171.78670  (17122719)
        656516.47   4187660.50      176.35594  (17122719)                656524.51
4187683.75      176.54007  (17122719)
        656532.55   4187707.01      172.37963  (17122719)                656540.60
4187730.26      164.26944  (17122719)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 828
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656548.64	4187753.52	187.06653	(15121209)	656556.68	4187776.77	209.21362	(15121209)
656564.72	4187800.03	228.16704	(15121209)	656572.77	4187823.28	247.22250	(16122009)
656580.81	4187846.54	261.25504	(16122009)	656588.85	4187869.79	265.61419	(16122009)
656596.89	4187893.04	259.96606	(16122009)	656604.93	4187916.30	245.17784	(16122009)
656612.98	4187939.55	225.82668	(15121209)	656621.02	4187962.81	207.18805	(15121209)
656629.06	4187986.06	185.99922	(15121209)	656637.10	4188009.32	167.18067	(16010203)
656645.15	4188032.57	166.52198	(13123017)	656653.19	4188055.83	169.93871	(13123017)
653894.48	4185028.63	326.72510	(15041307)	653869.70	4185027.96	284.73263	(15041307)
653844.92	4185027.30	243.70719	(15041307)	653820.14	4185026.64	223.99893	(17011719)
653795.36	4185025.98	225.62067	(17012818)	653770.59	4185025.32	235.31951	(17123009)
653930.19	4184539.07	292.17304	(15041307)	653952.54	4184549.33	323.93436	(15041307)
653974.89	4184559.60	354.03421	(15041307)	653997.25	4184569.86	380.99399	(15041307)
654019.60	4184580.12	403.47443	(15041307)	654041.96	4184590.39	419.99204	(15041307)
654064.31	4184600.65	429.64244	(15041307)	654086.67	4184610.91	432.08190	(15041307)
654109.02	4184621.18	426.37466	(15041307)	654131.37	4184631.44	413.06751	(15041307)
654153.73	4184641.70	392.91046	(15041307)	654176.08	4184651.97	366.80971	(15041307)
654198.44	4184662.23	336.16253	(15041307)	654220.79	4184672.49	302.63647	(15041307)
654243.15	4184682.76	267.68598	(15041307)	654265.50	4184693.02	232.79863	(15041307)
654287.85	4184703.28	201.40019	(15011010)	654310.21	4184713.55	180.92263	(15011010)
654332.56	4184723.81	174.81655	(17011203)	654354.92	4184734.08	169.08831	(17011203)
654377.27	4184744.34	160.54182	(13022802)	654399.63	4184754.60	161.39021	(17032503)
654421.98	4184764.87	161.39882	(17032503)	654444.33	4184775.13	172.29124	(17013024)

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        654466.69   4184785.39      182.52395  (17013024)                654489.04
4184795.66      189.39824  (17013024)
        654511.40   4184805.92      192.39010  (17013024)                654533.75
4184816.18      191.22947  (17013024)
        654556.11   4184826.45      185.93840  (17013024)                654578.46
4184836.71      188.97724  (17012520)
        654600.82   4184846.97      195.19226  (17012520)                654623.17
4184857.24      196.95193  (17012520)
        654645.52   4184867.50      194.05883  (17012520)                654667.88
4184877.76      196.27615  (14090107)
        654690.23   4184888.03      206.36406  (14090107)                654712.59
4184898.29      211.59530  (14090107)
        654734.94   4184908.56      211.46919  (14090107)                654757.30
4184918.82      205.92010  (14090107)
        654779.65   4184929.08      198.32758  (17122319)                654802.00
4184939.35      197.67489  (17012804)
        654824.36   4184949.61      200.64150  (17012804)                654846.71
4184959.87      201.52694  (13012109)
        654869.07   4184970.14      220.40023  (13012109)                654891.42
4184980.40      234.42050  (13012109)
        654913.78   4184990.66      242.25956  (13012109)                654936.13
4185000.93      243.08372  (13012109)
        654958.48   4185011.19      236.72907  (13012109)                654980.84
4185021.45      223.72404  (13012109)
        655003.19   4185031.72      205.22753  (13012109)                655025.55
4185041.98      190.68629  (17122920)
        655047.90   4185052.24      178.88056  (17122920)                655070.26
4185062.51      178.39589  (17012903)
        655092.61   4185072.77      187.00584  (17012903)                655114.96
4185083.04      191.87223  (17012903)
        655137.32   4185093.30      192.61873  (17012903)                655159.67
4185103.56      189.16623  (17012903)
        655182.03   4185113.83      181.73179  (17012903)                655204.38
4185124.09      170.82084  (17012903)
        655226.74   4185134.35      161.02952  (16011007)                655249.09
4185144.62      168.08040  (17020801)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 829
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
655271.44	4185154.88	181.74835	(17020801)	655293.80	4185165.14	191.99780	(17020801)
655316.15	4185175.41	198.03312	(17020801)	655338.51	4185185.67	199.35767	(17020801)
655360.86	4185195.93	195.84658	(17020801)	655383.22	4185206.20	187.75261	(17020801)
655405.57	4185216.46	175.69421	(17020801)	655427.93	4185226.72	168.70459	(17121708)
655450.28	4185236.99	160.76130	(17121708)	655472.63	4185247.25	157.02647	(17011208)
655494.99	4185257.52	164.60417	(17011208)	655517.34	4185267.78	169.30183	(17011208)
655539.70	4185278.04	173.50923	(17120120)	655562.05	4185288.31	181.00639	(17120120)
655584.41	4185298.57	184.50024	(17120120)	655606.76	4185308.83	183.71945	(17120120)
655629.11	4185319.10	178.71796	(17120120)	655651.47	4185329.36	170.82098	(17011301)
655673.82	4185339.62	167.11406	(17011301)	655696.18	4185349.89	162.68102	(17011508)
655718.53	4185360.15	170.65943	(17011508)	655740.89	4185370.41	174.64226	(17011508)
655763.24	4185380.68	174.30488	(17011508)	655785.59	4185390.94	169.67686	(17011508)
655807.95	4185401.20	161.13292	(17011508)	655830.30	4185411.47	149.34172	(17011508)
655852.66	4185421.73	140.41196	(16021402)	655875.01	4185432.00	146.86463	(17012908)
655897.37	4185442.26	158.07420	(17012908)	655919.72	4185452.52	166.78877	(17012908)
655942.07	4185462.79	172.46993	(17012908)	655964.43	4185473.05	174.75291	(17012908)
655986.78	4185483.31	179.17206	(15030608)	656009.14	4185493.58	206.07150	(15030608)
656031.49	4185503.84	232.20334	(15030608)	656053.85	4185514.10	256.15256	(15030608)
656076.20	4185524.37	276.43323	(15030608)	656098.55	4185534.63	291.67640	(15030608)
656120.91	4185544.89	300.81412	(15030608)	656143.26	4185555.16	303.18476	(15030608)

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        656165.62   4185565.42      298.60279  (15030608)                656187.97
4185575.68      287.46606  (15030608)
        656210.33   4185585.95      270.62437  (15030608)                656232.68
4185596.21      249.30092  (15030608)
        656255.04   4185606.48      224.87587  (15030608)                656277.39
4185616.74      198.82634  (15030608)
        656307.78   4185650.25      147.75124  (15030608)                656315.82
4185673.50      136.66277  (17012607)
        656323.86   4185696.74      140.52222  (17012607)                656331.90
4185719.99      140.98330  (17012607)
        656339.94   4185743.24      149.06395  (17122320)                656347.98
4185766.48      159.04522  (17122320)
        656356.02   4185789.73      166.54410  (17122320)                656364.06
4185812.98      171.06625  (17122320)
        656372.10   4185836.23      172.28775  (17122320)                656380.14
4185859.47      170.09309  (17122320)
        656388.18   4185882.72      164.58704  (17122320)                656396.22
4185905.97      156.09105  (17122320)
        656404.26   4185929.21      156.96788  (17121219)                656412.30
4185952.46      166.63731  (17121219)
        656420.34   4185975.71      173.35231  (17121219)                656428.38
4185998.95      176.63534  (17121219)
        656436.42   4186022.20      176.23217  (17121219)                656444.46
4186045.45      172.13687  (17121219)
        656452.50   4186068.69      167.80496  (17121320)                656460.54
4186091.94      174.64736  (17121320)
        656468.58   4186115.19      194.00016  (14102408)                656476.61
4186138.44      220.29946  (14102408)
        656484.65   4186161.68      243.58231  (14102408)                656492.69
4186184.93      261.97637  (14102408)
        656500.73   4186208.18      273.82895  (14102408)                656508.77
4186231.42      278.00393  (14102408)
        656516.81   4186254.67      274.07866  (14102408)                656524.85
4186277.92      262.38714  (14102408)
        656532.89   4186301.16      244.00202  (14102408)                656540.93
4186324.41      220.52766  (14102408)
        656548.97   4186347.66      193.87159  (14102408)                656557.01
4186370.91      175.67141  (17011509)
        656565.05   4186394.15      162.18935  (17011509)                656573.09
4186417.40      146.92178  (17011509)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 830
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656581.13	4186440.65	147.21142	(14042707)	656589.17	4186463.89	160.83496	(14042707)
656597.21	4186487.14	172.46856	(14042707)	656605.25	4186510.39	181.41972	(14042707)
656613.29	4186533.63	187.12623	(14042707)	656621.33	4186556.88	189.20595	(14042707)
656629.37	4186580.13	187.51687	(14042707)	656637.41	4186603.37	182.17161	(14042707)
656645.45	4186626.62	173.48194	(14042707)	656653.49	4186649.87	161.97955	(14042707)
656661.53	4186673.12	149.92098	(17122619)	656669.56	4186696.36	147.29275	(17122619)
656677.60	4186719.61	141.73986	(17122619)	656685.64	4186742.86	140.49233	(17121906)
656693.68	4186766.10	142.28448	(17121906)	656701.72	4186789.35	141.50668	(17121906)
656709.76	4186812.60	138.37101	(17122508)	656717.80	4186835.84	143.08963	(17020824)
656725.84	4186859.09	147.08479	(17020824)	656733.88	4186882.34	147.81358	(17020824)
656741.92	4186905.59	145.22734	(17020824)	656749.96	4186928.83	139.52362	(17020824)
656758.00	4186952.08	131.11372	(17020824)	656766.04	4186975.33	125.14461	(15120621)
656774.08	4186998.57	124.49294	(15120621)	656782.12	4187021.82	131.93371	(17011303)
656790.16	4187045.07	138.98308	(17011303)	656798.20	4187068.31	143.09460	(17011303)
656806.24	4187091.56	143.97948	(17011303)	656814.28	4187114.81	141.58183	(17011303)
656822.32	4187138.05	136.09875	(17011303)	656830.36	4187161.30	127.93793	(17011303)
656838.40	4187184.55	134.65298	(17121319)	656846.44	4187207.80	141.15342	(17121319)
656854.47	4187231.04	144.67490	(17121319)	656862.51	4187254.29	144.98169	(17121319)

656870.55 4187277.54 142.07108 (17121319) 656878.59
4187300.78 136.17762 (17121319)
656886.63 4187324.03 139.90721 (17010504) 656894.67
4187347.28 142.07553 (17010504)
656902.71 4187370.52 141.08396 (17010504) 656910.75
4187393.77 137.03113 (17010504)
656918.79 4187417.02 130.22821 (17010504) 656926.83
4187440.27 133.03517 (17122519)
656934.87 4187463.51 140.24654 (17122519) 656942.91
4187486.76 144.93965 (17122519)
656950.95 4187510.01 146.83314 (17122519) 656958.99
4187533.25 145.83260 (17122519)
656967.03 4187556.50 142.02827 (17122519) 656975.07
4187579.75 137.11005 (17122719)
656983.11 4187602.99 141.01102 (17122719) 656991.15
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656999.19 4187649.49 140.37333 (17122719) 657007.23
4187672.73 135.93341 (17122719)
657015.27 4187695.98 143.78248 (15121209) 657023.31
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657031.35 4187742.48 181.04858 (15121209) 657039.39
4187765.72 197.15900 (15121209)
657047.42 4187788.97 211.65294 (16122009) 657055.46
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657063.50 4187835.46 235.11362 (16122009) 657071.54
4187858.71 236.45950 (16122009)
657079.58 4187881.96 230.61288 (16122009) 657087.62
4187905.20 218.26750 (16122009)
657095.66 4187928.45 202.32735 (15121209) 657103.70
4187951.70 187.73200 (15121209)
657111.74 4187974.95 171.09722 (15121209) 657119.78
4187998.19 153.31545 (15121209)
657127.82 4188021.44 135.19485 (15121209) 657135.86
4188044.69 133.44430 (13123017)
657143.90 4188067.93 136.10275 (13123017) 657151.94
4188091.18 136.52650 (13123017)
653907.83 4184528.80 260.12616 (15041307) 653883.05
4184528.14 226.90792 (15041307)
653858.27 4184527.48 195.24315 (15041307) 653833.50
4184526.82 179.61484 (17011719)
653808.72 4184526.16 180.53346 (17012818) 653783.94
4184525.49 185.46058 (17123009)
653943.53 4184039.24 236.55557 (15041307) 653965.88
4184049.51 264.21296 (15041307)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653988.23	4184059.77	291.69061	(15041307)	654010.58	4184070.03	318.09855	(15041307)
654032.93	4184080.29	342.30976	(15041307)	654055.28	4184090.55	363.31100	(15041307)
654077.63	4184100.81	380.17762	(15041307)	654099.98	4184111.07	391.91925	(15041307)
654122.32	4184121.33	397.93953	(15041307)	654144.67	4184131.59	397.92454	(15041307)
654167.02	4184141.85	391.70394	(15041307)	654189.37	4184152.12	379.50118	(15041307)
654211.72	4184162.38	361.66362	(15041307)	654234.07	4184172.64	338.81117	(15041307)
654256.42	4184182.90	312.16419	(15041307)	654278.77	4184193.16	283.19911	(15041307)
654301.12	4184203.42	253.23019	(15041307)	654323.46	4184213.68	223.30905	(15041307)
654345.81	4184223.94	194.22229	(15041307)	654368.16	4184234.20	178.64151	(15011010)
654390.51	4184244.47	161.32670	(15011010)	654412.86	4184254.73	144.93269	(17011203)
654435.21	4184264.99	141.22934	(17011203)	654457.56	4184275.25	135.48744	(17011203)
654479.91	4184285.51	131.81433	(17032503)	654502.26	4184295.77	133.69651	(17032503)
654524.61	4184306.03	133.22253	(17032503)	654546.95	4184316.29	140.88519	(17013024)
654569.30	4184326.55	149.02889	(17013024)	654591.65	4184336.81	154.97140	(17013024)
654614.00	4184347.08	158.34799	(17013024)	654636.35	4184357.34	158.92673	(17013024)
654658.70	4184367.60	156.64055	(17013024)	654681.05	4184377.86	151.92199	(17011801)

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        654703.40   4184388.12      156.50737  (17012520)                654725.75
4184398.38      161.23689  (17012520)
        654748.09   4184408.64      162.92051  (17012520)                654770.44
4184418.90      161.41360  (17012520)
        654792.79   4184429.16      171.11246  (14090107)                654815.14
4184439.42      181.57217  (14090107)
        654837.49   4184449.69      188.70326  (14090107)                654859.84
4184459.95      191.97003  (14090107)
        654882.19   4184470.21      191.09428  (14090107)                654904.54
4184480.47      186.08448  (14090107)
        654926.89   4184490.73      177.24375  (14090107)                654949.23
4184500.99      165.14955  (14090107)
        654971.58   4184511.25      165.51593  (17012804)                654993.93
4184521.51      167.74519  (13012109)
        655016.28   4184531.77      185.67900  (13012109)                655038.63
4184542.04      200.92690  (13012109)
        655060.98   4184552.30      212.35806  (13012109)                655083.33
4184562.56      219.03937  (13012109)
        655105.68   4184572.82      220.37757  (13012109)                655128.03
4184583.08      216.21202  (13012109)
        655150.37   4184593.34      206.83515  (13012109)                655172.72
4184603.60      192.94802  (13012109)
        655195.07   4184613.86      175.58094  (13012109)                655217.42
4184624.12      155.95397  (13012109)
        655239.77   4184634.38      145.40353  (17122920)                655262.12
4184644.65      145.95304  (17012903)
        655284.47   4184654.91      152.95625  (17012903)                655306.82
4184665.17      157.47853  (17012903)
        655329.17   4184675.43      159.24060  (17012903)                655351.51
4184685.69      158.12347  (17012903)
        655373.86   4184695.95      154.17688  (17012903)                655396.21
4184706.21      147.62021  (17012903)
        655418.56   4184716.47      138.81817  (17012903)                655440.91
4184726.73      132.85782  (16011007)
        655463.26   4184736.99      134.60097  (17020801)                655485.61
4184747.26      145.71884  (17020801)
        655507.96   4184757.52      154.76073  (17020801)                655530.31
4184767.78      161.16911  (17020801)
        655552.65   4184778.04      164.52274  (17020801)                655575.00
4184788.30      164.59105  (17020801)
        655597.35   4184798.56      161.35558  (17020801)                655619.70
4184808.82      155.01811  (17020801)
        655642.05   4184819.08      145.97539  (17020801)                655664.40
4184829.34      140.57696  (17121708)
        655686.75   4184839.61      135.23152  (17121708)                655709.10
4184849.87      128.01229  (17121708)
        655731.45   4184860.13      130.98108  (17011208)                655753.79
4184870.39      136.35907  (17011208)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   STCK1   , STCK2 , VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

656401.91 4185167.96 239.14857 (15030608) 656424.26
4185178.22 254.51773 (15030608)
656446.61 4185188.48 265.80814 (15030608) 656468.96
4185198.74 272.35520 (15030608)
656491.31 4185209.00 273.77531 (15030608) 656513.66
4185219.26 270.00588 (15030608)
656536.01 4185229.52 261.30938 (15030608) 656558.36
4185239.79 248.23694 (15030608)
656580.70 4185250.05 231.58734 (15030608) 656603.05
4185260.31 212.28017 (15030608)
656625.40 4185270.57 191.31056 (15030608) 656647.75
4185280.83 169.64023 (15030608)
656678.14 4185314.33 128.14094 (15030608) 656686.17
4185337.57 111.78937 (17012607)
656694.21 4185360.81 115.49051 (17012607) 656702.25
4185384.06 116.92776 (17012607)
656710.29 4185407.30 115.97477 (17012607) 656718.33
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656726.36 4185453.78 131.78180 (17122320) 656734.40
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656758.51 4185546.75 141.34623 (17122320) 656766.55
4185569.99 138.06395 (17122320)
656774.59 4185593.23 132.63338 (17122320) 656782.63
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656790.66 4185639.71 129.89076 (17121219) 656798.70
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4185709.43 145.56061 (17121219)
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4185755.92 144.04290 (17121219)
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656887.12 4185918.61 229.65863 (14102408) 656895.15
4185941.85 242.45439 (14102408)
656903.19 4185965.09 249.85725 (14102408) 656911.23
4185988.33 251.23504 (14102408)
656919.27 4186011.57 246.43532 (14102408) 656927.30
4186034.81 235.81471 (14102408)
656935.34 4186058.05 220.18030 (14102408) 656943.38
4186081.30 200.68302 (14102408)
656951.42 4186104.54 178.68317 (14102408) 656959.45
4186127.78 155.58234 (14102408)
656967.49 4186151.02 138.89235 (17011509) 656975.53
4186174.26 128.04819 (17011509)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
656999.64	4186243.98	141.63492	(14042707)	657007.68	4186267.23	151.93665	(14042707)
657015.72	4186290.47	160.40582	(14042707)	657023.76	4186313.71	166.60768	(14042707)
657031.79	4186336.95	170.20444	(14042707)	657039.83	4186360.19	171.00550	(14042707)
657047.87	4186383.43	168.95310	(14042707)	657055.91	4186406.67	164.15457	(14042707)
657063.94	4186429.92	156.86589	(14042707)	657071.98	4186453.16	147.46420	(14042707)
657080.02	4186476.40	136.41415	(14042707)	657088.06	4186499.64	124.22520	(14042707)
657096.09	4186522.88	119.92646	(17122619)	657104.13	4186546.12	114.96744	(17122619)
657112.17	4186569.36	116.00826	(17121906)	657120.21	4186592.60	117.31172	(17121906)
657128.24	4186615.85	116.85951	(17121906)	657136.28	4186639.09	114.67359	(17121906)
657144.32	4186662.33	115.74978	(17020824)	657152.36	4186685.57	119.97003	(17020824)
657160.40	4186708.81	122.05031	(17020824)	657168.43	4186732.05	121.86624	(17020824)
657176.47	4186755.29	119.42912	(17020824)	657184.51	4186778.54	114.88904	(17020824)

657192.55 4186801.78 108.52105 (17020824) 657200.58
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657208.62 4186848.26 103.27809 (15120621) 657216.66
4186871.50 104.03303 (17011303)
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657256.85 4186987.71 117.39942 (17011303) 657264.88
4187010.95 113.63086 (17011303)
657272.92 4187034.19 107.95918 (17011303) 657280.96
4187057.43 106.50621 (17121319)
657289.00 4187080.67 112.79398 (17121319) 657297.03
4187103.91 117.26362 (17121319)
657305.07 4187127.16 119.66219 (17121319) 657313.11
4187150.40 119.85337 (17121319)
657321.15 4187173.64 117.83872 (17121319) 657329.19
4187196.88 113.75212 (17121319)
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4187243.36 116.71991 (17010504)
657353.30 4187266.60 117.46153 (17010504) 657361.34
4187289.84 116.04318 (17010504)
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657417.60 4187452.53 121.25657 (17122519) 657425.64
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4187522.26 112.64775 (17122719)
657449.75 4187545.50 115.96091 (17122719) 657457.79
4187568.74 117.38375 (17122719)
657465.83 4187591.98 116.85462 (17122719) 657473.86
4187615.22 114.42055 (17122719)
657481.90 4187638.46 112.50575 (15121209) 657489.94
4187661.71 128.31331 (15121209)
657497.98 4187684.95 144.15028 (15121209) 657506.01
4187708.19 159.26838 (15121209)
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657530.13 4187777.91 198.35509 (16122009) 657538.16
4187801.15 208.59097 (16122009)
657546.20 4187824.39 213.71277 (16122009) 657554.24
4187847.64 213.35240 (16122009)
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4187894.12 196.96381 (16122009)
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4187940.60 171.67606 (15121209)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
657642.65	4188103.29	112.71628	(13123017)	657650.69	4188126.53	112.49568	(14022208)
653921.18	4184028.98	209.53211	(15041307)	653896.41	4184028.32	182.16117	(15041307)
653871.63	4184027.66	156.61574	(15041307)	653846.85	4184027.00	148.09401	(17011719)
653822.07	4184026.34	148.57758	(17012818)	653797.29	4184025.67	150.40660	(17123009)
653669.49	4187873.21	9752.31220	(13020205)	653667.67	4187914.98	13214.93841	(15010804)
653665.85	4187956.74	19777.47778	(17121807)	653652.45	4187854.92	8499.94952	(13020205)
653643.61	4187893.01	10156.68985	(13013108)	653641.79	4187934.77	14848.70445	(17021308)
653639.97	4187976.53	19894.24908	(17011121)	653627.47	4187853.84	8093.37655	(16010309)
653661.05	4187812.73	7008.66316	(17123007)	653618.63	4187891.92	9465.94201	(15011205)
653616.81	4187933.68	12848.48356	(17021308)	653614.99	4187975.44	16042.87308	(17121203)

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4187890.83 8701.16151 (17120517)
653591.83 4187932.59 10864.34697 (17121823) 653590.01
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653552.54 4187850.57 6196.73228 (13012121) 653568.40
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653584.26 4187781.77 5191.45304 (15010507) 653609.91
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653645.34 4187744.46 5003.47803 (14021105) 653543.70
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653646.67 4187694.48 4094.96455 (16012703) 653493.75
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653452.64 4187846.22 4590.68387 (17021420) 653468.50
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653484.36 4187777.42 4010.72561 (14120608) 653500.22
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653516.08 4187708.62 3475.98147 (15122802) 653541.72
4187684.72 3435.43261 (13020205)
653577.15 4187671.31 3439.88860 (15021203) 653612.58
4187657.91 3481.35596 (14021105)
653648.01 4187644.50 3499.92859 (15010901) 653443.80
4187884.30 4798.92383 (17123023)
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653403.41 4187842.48 3879.08087 (17021308) 653420.71
4187804.95 3795.06713 (17121504)
653438.01 4187767.42 3439.77018 (13012121) 653455.31
4187729.90 3283.80039 (14021223)
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653390.20 4187965.65 4333.14976 (17011505) 653353.34
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653370.42 4187803.50 3249.88347 (17123002) 653387.50
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653404.59 4187729.41 2948.35606 (13010908) 653421.67
4187692.36 2804.02638 (14021223)
653438.75 4187655.32 2680.26358 (14022101) 653474.90
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653513.06 4187596.62 2567.41287 (13020306) 653551.21
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653589.36 4187567.74 2625.84280 (14021105) 653627.51
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*** AERMOD - VERSION 21112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

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653631.47 4187452.85 2089.44066 (17011609) 653668.98
4187438.66 2095.12648 (17011609)
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653240.35 4187959.12 2594.21084 (17011505) 653153.71
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653171.16 4187793.60 1995.53571 (17123023) 653188.61
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653385.61 4187347.99 1355.40411 (15022608) 653423.98
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4187275.37 1397.44203 (14012501)

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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 836
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        653106.62   4187491.52     1237.14426  (13010908)                653123.62
4187454.66     1217.92533  (13010906)
        653140.61   4187417.81     1196.73269  (15010508)                653157.60
4187380.95     1167.20555  (16020321)
        653174.60   4187344.10     1129.77447  (14022101)                653202.07
4187318.49     1083.13182  (15122802)
        653240.03   4187304.12     1153.68622  (15010507)                653277.99
4187289.76     1158.41649  (14021122)
        653315.95   4187275.39     1166.89919  (17121508)                653353.90
4187261.03     1167.14855  (15022608)
        653391.86   4187246.67     1229.16249  (17123007)                653429.82
4187232.30     1241.25447  (17122918)
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Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 837
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 839
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        651788.77   4186813.23      308.28301  (17120517)                651806.11
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        651858.12   4186662.84      288.77978  (13012103)                651875.46
4186625.24      291.68092  (13012105)
        651892.79   4186587.64      290.16499  (13010908)                651910.13
4186550.04      280.73549  (17020505)
        651927.46   4186512.44      287.09918  (14120608)                651944.80
4186474.85      284.82009  (13010906)
        651962.14   4186437.25      282.15670  (13021704)                651979.47
4186399.65      279.89571  (14021223)
        651996.81   4186362.05      278.65090  (15010508)                652014.15
4186324.45      276.22778  (13013108)
        652031.48   4186286.85      270.89495  (17122821)                652048.82
4186249.26      268.68264  (17122317)
        652066.15   4186211.66      266.87405  (15021803)                652083.49
4186174.06      263.93644  (14022101)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 840
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652111.52	4186147.93	263.67649	(14022101)	652150.24	4186133.28	262.42220	(13122209)
652188.97	4186118.62	271.61395	(13122209)	652227.69	4186103.97	264.17105	(13120909)
652266.41	4186089.32	275.19849	(13120909)	652305.13	4186074.66	266.25225	(16022407)
652343.86	4186060.01	277.38739	(15010507)	652382.58	4186045.35	280.27212	(13012423)
652421.30	4186030.70	282.13927	(14021122)	652460.02	4186016.05	278.75467	(14021301)
652498.75	4186001.39	284.64830	(13123108)	652537.47	4185986.74	281.64963	(17121508)
652576.19	4185972.08	283.71393	(13020306)	652614.91	4185957.43	269.90518	(15022608)
652653.64	4185942.78	356.23922	(14011509)	652692.36	4185928.12	423.20384	(14011509)
652731.08	4185913.47	442.29449	(14011509)	652769.81	4185898.81	403.49467	(14011509)
652808.53	4185884.16	319.72528	(14011509)	652847.25	4185869.51	293.02582	(17122918)
652885.97	4185854.85	298.75631	(17122918)	652924.70	4185840.20	272.67539	(17122918)
652963.42	4185825.54	281.11436	(14021105)	653002.14	4185810.89	282.25429	(14021105)
653040.86	4185796.24	284.00281	(16012703)	653079.59	4185781.58	282.80078	(16012703)
653118.31	4185766.93	285.04452	(14120620)	653157.03	4185752.28	289.41381	(17011302)
653195.75	4185737.62	284.56505	(15010901)	653234.48	4185722.97	285.26498	(14012501)
653273.20	4185708.31	281.80067	(14021521)	653311.92	4185693.66	275.60377	(14021521)
653350.65	4185679.01	291.37226	(17121903)	653389.37	4185664.35	301.90085	(17011609)
653428.09	4185649.70	295.40358	(17011609)	653466.81	4185635.04	274.17773	(14021106)
653505.54	4185620.39	280.75286	(17122820)	653544.26	4185605.74	275.72271	(17122820)
653582.98	4185591.08	268.45636	(17012904)	653621.70	4185576.43	242.99440	(15011020)
653660.43	4185561.77	286.76956	(17123009)	653699.15	4185547.12	316.74220	(17123009)
651345.79	4187792.87	286.03258	(17011804)	651343.97	4187834.63	293.59544	(17013008)
651342.15	4187876.40	284.97656	(17013008)	650855.87	4187731.37	215.10417	(17022505)

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        650873.25   4187693.66      223.39945  (17121807)                650890.64
4187655.95      226.11240  (17121807)
        650908.02   4187618.25      227.29670  (17122902)                650925.41
4187580.54      225.25955  (17121223)
        650942.80   4187542.84      232.70655  (17022506)                650960.18
4187505.13      231.14937  (17022506)
        650977.57   4187467.42      215.29071  (17011205)                650994.95
4187429.72      228.34725  (17013105)
        651012.34   4187392.01      238.43056  (17013105)                651029.72
4187354.31      229.57128  (17013105)
        651047.11   4187316.60      238.22179  (17012823)                651064.50
4187278.89      251.42675  (14011709)
        651081.88   4187241.19      314.22732  (14011709)                651099.27
4187203.48      357.28183  (14011709)
        651116.65   4187165.78      371.35793  (14011709)                651134.04
4187128.07      348.26323  (14011709)
        651151.43   4187090.36      295.03919  (14011709)                651168.81
4187052.66      249.07640  (17021308)
        651186.20   4187014.95      245.75860  (17021308)                651203.58
4186977.25      224.19790  (17021308)
        651220.97   4186939.54      240.43594  (17120203)                651238.36
4186901.83      245.46233  (17120203)
        651255.74   4186864.13      246.26671  (17021420)                651273.13
4186826.42      245.46991  (17123002)
        651290.51   4186788.72      245.53726  (17013106)                651307.90
4186751.01      237.51062  (17013106)
        651325.29   4186713.30      244.05327  (17121504)                651342.67
4186675.60      242.18555  (17121504)
        651360.06   4186637.89      241.57854  (17120517)                651377.44
4186600.19      245.83606  (17120517)
        651394.83   4186562.48      231.73490  (14021108)                651412.22
4186524.77      225.97244  (15010907)
        651429.60   4186487.07      221.45730  (17021403)                651446.99
4186449.36      223.33858  (17123107)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 841
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
651464.37	4186411.66	220.36311	(13012103)	651481.76	4186373.95	220.95674	(13012105)
651499.15	4186336.24	223.31936	(13012105)	651516.53	4186298.54	223.03497	(13010908)
651533.92	4186260.83	215.85868	(17020505)	651551.30	4186223.13	220.66192	(14120608)
651568.69	4186185.42	217.77934	(13010906)	651586.08	4186147.71	216.37851	(13010906)
651603.46	4186110.01	216.01233	(13021704)	651620.85	4186072.30	215.00106	(14021223)
651638.23	4186034.60	213.84910	(15010508)	651655.62	4185996.89	210.81892	(13013108)
651673.01	4185959.18	209.13222	(13013108)	651690.39	4185921.48	207.21028	(17122821)
651707.78	4185883.77	206.57226	(17122317)	651725.16	4185846.07	205.11547	(15021803)
651742.55	4185808.36	202.25275	(15021803)	651770.66	4185782.16	204.61566	(14022101)
651809.49	4185767.46	210.47839	(13122209)	651848.33	4185752.77	235.08509	(13122209)
651887.16	4185738.07	230.61447	(13122209)	651925.99	4185723.37	228.16841	(13120909)
651964.83	4185708.68	236.96921	(13120909)	652003.66	4185693.98	225.44467	(13120909)
652042.49	4185679.29	211.88397	(15010507)	652081.33	4185664.59	212.05744	(13012423)
652120.16	4185649.89	215.01560	(13012423)	652158.99	4185635.20	217.28468	(14021122)
652197.83	4185620.50	214.75204	(14021301)	652236.66	4185605.81	218.45187	(13123108)
652275.50	4185591.11	215.06144	(13123108)	652314.33	4185576.41	214.76006	(17121508)
652353.16	4185561.72	217.70538	(13020306)	652392.00	4185547.02	220.15211	(14011509)
652430.83	4185532.33	288.76866	(14011509)	652469.66	4185517.63	347.55118	(14011509)
652508.50	4185502.94	379.74105	(14011509)	652547.33	4185488.24	373.65148	(14011509)
652586.16	4185473.54	329.65489	(14011509)	652625.00	4185458.85	260.79116	(14011509)
652663.83	4185444.15	223.69602	(17122918)	652702.66	4185429.46	232.13185	(17122918)

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        652741.50   4185414.76      221.12240  (17122918)                652780.33
4185400.06      205.91472  (16121108)
        652819.16   4185385.37      218.99459  (14021105)                652858.00
4185370.67      218.62099  (13012005)
        652896.83   4185355.98      219.06621  (13012005)                652935.67
4185341.28      220.83914  (16012703)
        652974.50   4185326.58      219.64342  (13020420)                653013.33
4185311.89      222.15309  (14120620)
        653052.17   4185297.19      225.35468  (17011302)                653091.00
4185282.50      220.10324  (15010901)
        653129.83   4185267.80      219.41995  (14012501)                653168.67
4185253.10      229.65320  (14120609)
        653207.50   4185238.41      235.66887  (14120609)                653246.33
4185223.71      216.68281  (17121903)
        653285.17   4185209.02      225.98224  (17121903)                653324.00
4185194.32      232.49638  (17011609)
        653362.83   4185179.62      228.26396  (17011609)                653401.67
4185164.93      214.28891  (17120605)
        653440.50   4185150.23      211.93526  (14021106)                653479.34
4185135.54      217.57818  (17122820)
        653518.17   4185120.84      212.45425  (17012904)                653557.00
4185106.14      206.28111  (17012904)
        653595.84   4185091.45      189.07486  (15011020)                653634.67
4185076.75      208.23096  (17123009)
        653673.50   4185062.06      235.41485  (17123009)                653712.34
4185047.36      248.28691  (17123009)
        650846.26   4187771.10      219.79903  (17011804)                650844.44
4187812.87      225.26777  (17013008)
        650842.62   4187854.63      218.57413  (17013008)                650356.36
4187709.56      173.75994  (17011804)
        650373.78   4187671.78      173.90073  (17022505)                650391.20
4187634.00      181.27497  (17121807)
        650408.62   4187596.21      180.86410  (17121807)                650426.04
4187558.43      182.37455  (17122902)
        650443.46   4187520.65      179.98011  (17121223)                650460.88
4187482.87      183.63456  (17022506)
        650478.30   4187445.09      187.36318  (17022506)                650495.72
4187407.30      179.73464  (17022506)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 842
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
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VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650513.15	4187369.52	170.11493	(17011205)	650530.57	4187331.74	184.15399	(17013105)
650547.99	4187293.96	190.74413	(17013105)	650565.41	4187256.18	185.29495	(17013105)
650582.83	4187218.40	187.53873	(17012823)	650600.25	4187180.61	191.60675	(17012823)
650617.67	4187142.83	238.46275	(14011709)	650635.09	4187105.05	284.94331	(14011709)
650652.51	4187067.27	317.28540	(14011709)	650669.93	4187029.49	327.13313	(14011709)
650687.36	4186991.70	311.35838	(14011709)	650704.78	4186953.92	273.47978	(14011709)
650722.20	4186916.14	221.90702	(14011709)	650739.62	4186878.36	199.92278	(17021308)
650757.04	4186840.58	192.78723	(17021308)	650774.46	4186802.79	178.76889	(17011204)
650791.88	4186765.01	191.64455	(17120203)	650809.30	4186727.23	197.17009	(17120203)
650826.72	4186689.45	197.02313	(17021420)	650844.14	4186651.67	194.49883	(17123002)
650861.56	4186613.88	195.34914	(17123002)	650878.99	4186576.10	196.85748	(17013106)
650896.41	4186538.32	187.95298	(17013106)	650913.83	4186500.54	194.83480	(17121504)
650931.25	4186462.76	195.29794	(17121504)	650948.67	4186424.97	187.48854	(17120517)
650966.09	4186387.19	197.33255	(17120517)	650983.51	4186349.41	193.04860	(17120517)
651000.93	4186311.63	184.30700	(14021108)	651018.35	4186273.85	180.56633	(15010907)
651035.77	4186236.06	176.80869	(17021403)	651053.20	4186198.28	177.19061	(17123107)
651070.62	4186160.50	178.15115	(17123107)	651088.04	4186122.72	177.80531	(13012103)
651105.46	4186084.94	178.79733	(13012105)	651122.88	4186047.16	176.77200	(13012105)
651140.30	4186009.37	177.97247	(13010908)	651157.72	4185971.59	172.30174	(17020505)

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        651175.14   4185933.81      175.36746  (14120608)                651192.56
4185896.03      175.31725  (14120608)
        651209.98   4185858.25      175.12845  (13010906)                651227.40
4185820.46      172.95868  (13021704)
        651244.83   4185782.68      171.31818  (13021704)                651262.25
4185744.90      171.84763  (14021223)
        651279.67   4185707.12      171.20609  (15010508)                651297.09
4185669.34      168.51962  (15010508)
        651314.51   4185631.55      169.01771  (13013108)                651331.93
4185593.77      166.18688  (17122821)
        651349.35   4185555.99      163.77949  (17122821)                651366.77
4185518.21      165.12214  (17122317)
        651384.19   4185480.43      164.34525  (15021803)                651401.61
4185442.64      162.30789  (15021803)
        651429.78   4185416.39      164.16568  (14022101)                651468.69
4185401.66      172.54595  (13122209)
        651507.60   4185386.94      200.80432  (13122209)                651546.52
4185372.21      212.25838  (13122209)
        651585.43   4185357.49      201.73812  (13122209)                651624.34
4185342.76      203.74366  (13120909)
        651663.25   4185328.04      211.10779  (13120909)                651702.16
4185313.31      203.75719  (13120909)
        651741.07   4185298.59      183.34364  (13120909)                651779.99
4185283.86      171.44193  (15010507)
        651818.90   4185269.13      172.61487  (14120701)                651857.81
4185254.41      171.50630  (14120701)
        651896.72   4185239.68      174.59453  (14021122)                651935.63
4185224.96      172.58993  (14021301)
        651974.55   4185210.23      174.22456  (13123108)                652013.46
4185195.51      175.46250  (13123108)
        652052.37   4185180.78      174.32012  (17121508)                652091.28
4185166.06      175.16541  (13020306)
        652130.19   4185151.33      173.68817  (13020306)                652169.10
4185136.60      190.98350  (14011509)
        652208.02   4185121.88      247.02562  (14011509)                652246.93
4185107.15      299.05096  (14011509)
        652285.84   4185092.43      334.27029  (14011509)                652324.75
4185077.70      343.85672  (14011509)
        652363.66   4185062.98      324.12875  (14011509)                652402.57
4185048.25      279.76441  (14011509)
        652441.49   4185033.53      221.29105  (14011509)                652480.40
4185018.80      177.79211  (17122918)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 843
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652519.31	4185004.08	186.44417	(17122918)	652558.22	4184989.35	182.57912	(17122918)
652597.13	4184974.62	166.68027	(17122918)	652636.04	4184959.90	169.21260	(14021105)
652674.96	4184945.17	176.64227	(14021105)	652713.87	4184930.45	176.13376	(13012005)
652752.78	4184915.72	176.70645	(13012005)	652791.69	4184901.00	178.21681	(16012703)
652830.60	4184886.27	176.61263	(13020420)	652869.52	4184871.55	176.65087	(14120620)
652908.43	4184856.82	177.53324	(14120620)	652947.34	4184842.09	181.28406	(17011302)
652986.25	4184827.37	177.06448	(15010901)	653025.16	4184812.64	175.51167	(14012501)
653064.07	4184797.92	201.25889	(14120609)	653102.99	4184783.19	213.76670	(14120609)
653141.90	4184768.47	205.02441	(14120609)	653180.81	4184753.74	177.92854	(17121903)
653219.72	4184739.02	181.49143	(17121903)	653258.63	4184724.29	186.18272	(17011609)
653297.54	4184709.56	183.20541	(17011609)	653336.46	4184694.84	173.22431	(17120605)
653375.37	4184680.11	171.10628	(14021106)	653414.28	4184665.39	185.20148	(17123010)
653453.19	4184650.66	185.81532	(17123010)	653492.10	4184635.94	171.01134	(17012904)
653531.01	4184621.21	164.72915	(17012904)	653569.93	4184606.49	152.58551	(15011020)
653608.84	4184591.76	157.21833	(17123009)	653647.75	4184577.03	180.01725	(17123009)
653686.66	4184562.31	195.04471	(17123009)	653725.57	4184547.58	199.60138	(17123009)
650346.74	4187749.33	174.61896	(17011804)	650344.92	4187791.10	180.01634	(17013008)

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        650343.10   4187832.86      174.22708  (17013008)                649856.84
4187687.76      144.16619  (17011804)
        649874.29   4187649.93      141.61697  (17022505)                649891.74
4187612.09      143.91969  (17121807)
        649909.18   4187574.25      149.14490  (17121807)                649926.63
4187536.41      147.44166  (17121807)
        649944.08   4187498.57      150.05480  (17122902)                649961.53
4187460.73      147.39719  (17121223)
        649978.97   4187422.90      148.29967  (17022506)                649996.42
4187385.06      153.84479  (17022506)
        650013.87   4187347.22      151.76322  (17022506)                650031.31
4187309.38      142.25370  (17022506)
        650048.76   4187271.54      139.99139  (17013105)                650066.21
4187233.70      151.98298  (17013105)
        650083.65   4187195.87      156.67567  (17013105)                650101.10
4187158.03      153.11153  (17013105)
        650118.55   4187120.19      151.20414  (17012823)                650136.00
4187082.35      157.60324  (17012823)
        650153.44   4187044.51      181.54777  (14011709)                650170.89
4187006.67      225.06854  (14011709)
        650188.34   4186968.84      268.07359  (14011709)                650205.78
4186931.00      288.58651  (14011709)
        650223.23   4186893.16      292.06260  (14011709)                650240.68
4186855.32      283.26887  (14011709)
        650258.12   4186817.48      255.00130  (14011709)                650275.57
4186779.64      214.65639  (14011709)
        650293.02   4186741.81      169.96649  (14011709)                650310.46
4186703.97      163.60861  (17021308)
        650327.91   4186666.13      155.44466  (17021308)                650345.36
4186628.29      147.37911  (17011204)
        650362.81   4186590.45      157.28844  (17120203)                650380.25
4186552.61      162.59243  (17120203)
        650397.70   4186514.78      161.04494  (17021420)                650415.15
4186476.94      161.85057  (17021420)
        650432.59   4186439.10      162.23551  (17123002)                650450.04
4186401.26      160.41558  (17013106)
        650467.49   4186363.42      161.72810  (17013106)                650484.93
4186325.58      154.88720  (17011803)
        650502.38   4186287.75      160.08896  (17121504)                650519.83
4186249.91      161.53066  (17121504)
        650537.28   4186212.07      153.92873  (17121504)                650554.72
4186174.23      160.58532  (17120517)
        650572.17   4186136.39      162.58763  (17120517)                650589.62
4186098.55      154.91174  (17120517)
        650607.06   4186060.72      150.56833  (14021108)                650624.51
4186022.88      148.78103  (14011903)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650641.96	4185985.04	145.55498	(13121224)	650659.40	4185947.20	144.77951	(17123107)
650676.85	4185909.36	147.66994	(17123107)	650694.30	4185871.52	145.90626	(13012103)
650711.74	4185833.69	145.42324	(13012103)	650729.19	4185795.85	147.68938	(13012105)
650746.64	4185758.01	145.22400	(13010908)	650764.09	4185720.17	146.22339	(13010908)
650781.53	4185682.33	141.71733	(17020505)	650798.98	4185644.49	143.24318	(14120608)
650816.43	4185606.66	145.31626	(14120608)	650833.87	4185568.82	143.69521	(13010906)
650851.32	4185530.98	143.07478	(13010906)	650868.77	4185493.14	143.15771	(13021704)
650886.21	4185455.30	140.24814	(14021223)	650903.66	4185417.46	141.55256	(14021223)
650921.11	4185379.63	140.64941	(15010508)	650938.56	4185341.79	139.64378	(15010508)
650956.00	4185303.95	139.27769	(13013108)	650973.45	4185266.11	136.50826	(13013108)
650990.90	4185228.27	136.77778	(17122821)	651008.34	4185190.43	135.29887	(17122317)
651025.79	4185152.60	135.44996	(17122317)	651043.24	4185114.76	135.40978	(15021803)
651060.68	4185076.92	134.13975	(15021803)	651088.89	4185050.63	135.32815	(14022101)
651127.86	4185035.88	143.26505	(13122209)	651166.83	4185021.13	169.95886	(13122209)
651205.80	4185006.38	187.67880	(13122209)	651244.77	4184991.64	190.74704	(13122209)

651283.74 4184976.89 178.53636 (13122209) 651322.71 4184962.14 184.33333 (13120909)
651361.68 4184947.39 191.33797 (13120909) 651400.65 4184932.65 187.01002 (13120909)
651439.62 4184917.90 171.64981 (13120909) 651478.59 4184903.15 149.93181 (16010810)
651517.56 4184888.40 149.16870 (16010810) 651556.53 4184873.66 143.24236 (14120701)
651595.50 4184858.91 142.47115 (14021122) 651634.47 4184844.16 144.18902 (14021122)
651673.44 4184829.41 142.50351 (14021301) 651712.41 4184814.67 142.39958 (13123108)
651751.38 4184799.92 145.62551 (13123108) 651790.35 4184785.17 142.99586 (17121508)
651829.32 4184770.42 143.09834 (17121508) 651868.29 4184755.68 145.44615 (13020306)
651907.26 4184740.93 142.01664 (13020306) 651946.23 4184726.18 166.21564 (14011509)
651985.20 4184711.43 212.92473 (14011509) 652024.17 4184696.69 257.72230 (14011509)
652063.14 4184681.94 292.40470 (14011509) 652102.11 4184667.19 309.49902 (14011509)
652141.08 4184652.44 305.20871 (14011509) 652180.05 4184637.70 279.70930 (14011509)
652219.02 4184622.95 238.31695 (14011509) 652257.99 4184608.20 189.13387 (14011509)
652296.96 4184593.45 146.77824 (14021104) 652335.93 4184578.71 153.33673 (17122918)
652374.90 4184563.96 152.88034 (17122918) 652413.87 4184549.21 143.82791 (17122918)
652452.84 4184534.46 135.94874 (16121108) 652491.81 4184519.72 141.90551 (14021105)
652530.78 4184504.97 145.83316 (14021105) 652569.75 4184490.22 145.56595 (13012005)
652608.72 4184475.47 146.16340 (13012005) 652647.69 4184460.73 147.06987 (16012703)
652686.65 4184445.98 144.40209 (13020420) 652725.62 4184431.23 145.60874 (13020420)
652764.59 4184416.48 147.44207 (14120620) 652803.56 4184401.74 147.63331 (17011302)
652842.53 4184386.99 149.80848 (17011302) 652881.50 4184372.24 146.20744 (15010901)
652920.47 4184357.49 148.28009 (14120609) 652959.44 4184342.75 174.98545 (14120609)
652998.41 4184328.00 190.05403 (14120609) 653037.38 4184313.25 189.42094 (14120609)
653076.35 4184298.50 173.44563 (14120609) 653115.32 4184283.75 148.66525 (17121903)
653154.29 4184269.01 149.36533 (17121903) 653193.26 4184254.26 153.09098 (17011609)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653232.23	4184239.51	150.90075	(17011609)	653271.20	4184224.76	143.32983	(17120605)
653310.17	4184210.02	143.19012	(17123010)	653349.14	4184195.27	161.06118	(17123010)
653388.11	4184180.52	168.71778	(17123010)	653427.08	4184165.77	164.32880	(17123010)
653466.05	4184151.03	148.96277	(17123010)	653505.02	4184136.28	135.29211	(17012904)
653543.99	4184121.53	128.19619	(17021409)	653582.96	4184106.78	123.17941	(14030505)
653621.93	4184092.04	141.06657	(17123009)	653660.90	4184077.29	155.49082	(17123009)
653699.87	4184062.54	163.53260	(17123009)	653738.84	4184047.79	163.94402	(17123009)
649847.21	4187727.57	143.98746	(17013008)	649845.39	4187769.33	147.66935	(17013008)
649843.57	4187811.09	142.83292	(17013008)	653669.02	4187987.41	27454.07436	(17030203)
653652.19	4188005.90	25739.63643	(17122609)	653635.37	4188024.39	18056.36019	(17122609)
653617.96	4188041.48	12228.57124	(17120624)	653608.64	4188019.11	15795.50741	(17121007)
653599.33	4187996.73	13921.83061	(17122608)	653631.73	4188060.96	11167.20301	(17123021)
653584.52	4188078.97	7476.88737	(15022507)	653575.63	4188057.61	9489.54411	(17043004)

653566.74 4188036.26 10869.89305 (17121007) 653557.84
4188014.90 10041.90190 (17123105)
653548.95 4187993.54 9992.91553 (17121322) 653598.07
4188097.94 7295.80975 (17020406)
653550.66 4188115.44 5524.94972 (17121324) 653541.34
4188093.07 5893.08060 (17120624)
653532.03 4188070.69 7382.79632 (17120905) 653522.71
4188048.32 8000.82249 (17121007)
653513.40 4188025.94 7450.38642 (17123105) 653504.08
4188003.57 7342.93195 (17120702)
653517.13 4188152.74 4241.84205 (17121324) 653508.08
4188130.98 4299.91983 (17120208)
653499.02 4188109.23 4986.11544 (17043004) 653489.96
4188087.47 5764.96088 (17120905)
653480.91 4188065.72 6255.34742 (17121007) 653471.85
4188043.96 5890.61678 (17011201)
653462.80 4188022.21 5468.78576 (17120702) 653453.74
4188000.46 5753.90101 (17121322)
653483.35 4188189.41 3314.30435 (17121324) 653474.04
4188167.03 3355.11650 (15022507)
653464.72 4188144.65 3644.62509 (17120624) 653455.41
4188122.28 4454.01627 (17043004)
653446.09 4188099.90 4989.75006 (17020404) 653436.78
4188077.53 5013.92461 (17120707)
653427.46 4188055.15 4658.39519 (17123105) 653418.15
4188032.78 4333.13888 (17013104)
653408.83 4188010.40 4721.50999 (17121322) 653399.52
4187988.02 4577.94689 (17013107)
653449.79 4188226.61 2636.10242 (17123024) 653440.66
4188204.68 2798.02958 (17121324)
653431.54 4188182.75 2877.00530 (17120208) 653422.41
4188160.82 3076.49590 (17043004)
653413.28 4188138.90 3697.50976 (17043004) 653404.15
4188116.97 4173.03785 (17020404)
653395.02 4188095.04 4174.91614 (17122805) 653385.89
4188073.11 4040.22642 (17011201)
653376.77 4188051.18 3799.02362 (17122608) 653367.64
4188029.26 3908.48021 (17120702)
653358.51 4188007.33 3843.62835 (17122903) 653349.38
4187985.40 3760.15722 (17013107)
653382.32 4188300.17 1939.83051 (17123021) 653372.86
4188277.43 2064.12680 (17121324)
653363.39 4188254.69 2012.48808 (15022507) 653353.93
4188231.96 2111.61868 (17121808)
653344.46 4188209.22 2207.58053 (17120624) 653335.00
4188186.48 2702.69686 (17043004)
653325.53 4188163.75 2877.04994 (17020404) 653316.07
4188141.01 3056.64747 (17121007)
653306.60 4188118.27 3038.03875 (17120707) 653297.14
4188095.54 2866.66974 (17011201)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
653249.81	4187981.85	2687.90405	(17120922)	653396.16	4188319.82	1940.42430	(17011701)
653315.03	4188374.16	1515.14404	(17123021)	653305.59	4188351.49	1530.33482	(17121324)
653296.16	4188328.82	1579.49586	(17121324)	653286.72	4188306.15	1557.71472	(15022507)
653277.28	4188283.48	1643.87654	(17121808)	653267.84	4188260.81	1711.87775	(17120624)
653258.41	4188238.14	2049.61137	(17043004)	653248.97	4188215.47	2181.34634	(17120905)
653239.53	4188192.80	2354.83549	(17020404)	653230.10	4188170.13	2391.21633	(17121007)
653220.66	4188147.46	2348.65420	(17120707)	653211.22	4188124.79	2267.62177	(17011201)
653201.78	4188102.12	2189.44275	(17122608)	653192.35	4188079.45	2008.71472	(17013104)
653182.91	4188056.78	2239.26163	(17120702)	653173.47	4188034.11	2234.86840	(17121322)
653164.03	4188011.44	2172.40486	(17122903)	653154.60	4187988.77	2120.52151	(17120922)
653328.86	4188393.79	1500.13665	(17022406)	653247.74	4188448.14	1221.04718	(17123021)

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        653238.32   4188425.52     1188.30966  (14121304)                653228.90
4188402.90     1289.33897  (17121324)
        653219.48   4188380.27     1222.92844  (14042106)                653210.06
4188357.65     1271.30597  (17120208)
        653200.65   4188335.02     1332.17858  (17121808)                653191.23
4188312.40     1381.84393  (17120624)
        653181.81   4188289.77     1593.36859  (17043004)                653172.39
4188267.15     1681.30652  (17120905)
        653162.97   4188244.53     1749.95363  (17020404)                653153.55
4188221.90     1918.83167  (17020404)
        653144.14   4188199.28     1923.09583  (17121007)                653134.72
4188176.65     1891.05838  (17120707)
        653125.30   4188154.03     1853.19699  (17011201)                653115.88
4188131.40     1801.39260  (17123105)
        653106.46   4188108.78     1695.13935  (17122608)                653097.05
4188086.16     1722.55913  (17120702)
        653087.63   4188063.53     1781.99921  (17120702)                653078.21
4188040.91     1784.37809  (17121322)
        653068.79   4188018.28     1753.90016  (17122903)                653059.37
4187995.66     1734.97545  (17013107)
        653049.95   4187973.04     1719.45993  (17011505)                653180.44
4188522.12     1006.95309  (17123021)
        653171.04   4188499.53      993.54445  (14121304)                653161.63
4188476.94     1039.49837  (17121324)
        653152.23   4188454.35     1064.18629  (17121324)                653142.82
4188431.76     1035.59890  (15022507)
        653133.42   4188409.17     1067.16259  (17120208)                653124.01
4188386.58     1109.63163  (17121808)
        653114.61   4188363.99     1147.72870  (17120624)                653105.21
4188341.40     1265.49175  (17043004)
        653095.80   4188318.80     1402.09420  (17043004)                653086.40
4188296.21     1468.99538  (17120905)
        653076.99   4188273.62     1548.15282  (17020404)                653067.59
4188251.03     1569.29604  (17020404)
        653058.18   4188228.44     1593.77985  (17122805)                653048.78
4188205.85     1566.19776  (17120707)
        653039.38   4188183.26     1551.66284  (17011201)                653029.97
4188160.67     1495.78846  (17123105)
        653020.57   4188138.08     1453.37001  (17122608)                653011.16
4188115.49     1342.10105  (17013104)
        653001.76   4188092.90     1492.28088  (17120702)                652992.35
4188070.31     1494.07706  (17121322)
        652982.95   4188047.72     1463.65914  (17011121)                652973.55
4188025.12     1455.41545  (17122903)
        652964.14   4188002.53     1456.92408  (17013107)                652954.74
4187979.94     1418.23617  (17011505)
        653113.14   4188596.10      850.38224  (17020406)                653103.75
4188573.53      853.86977  (17123021)
        653094.35   4188550.96      844.13755  (17010902)                653084.96
4188528.40      908.78050  (17121324)
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   STCK1   , STCK2
, VOL1   , VOL2   , VOL3   ,
                VOL4   , VOL5   , VOL6   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF VOCS   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        653000.42   4188325.31   1224.79835 (17121402)   652991.02
4188302.75   1349.30662 (17020404)
        652981.63   4188280.18   1348.63915 (17121007)   652972.24
4188257.62   1354.51939 (17122805)
        652962.84   4188235.05   1325.05029 (17120707)   652953.45
4188212.49   1323.62670 (17011201)
        652944.06   4188189.92   1254.44683 (17123105)   652934.66
4188167.36   1244.96141 (17122608)
        652925.27   4188144.79   1178.00486 (17120901)   652915.88
4188122.23   1201.86748 (17013104)
        652906.48   4188099.66   1278.39098 (17120702)   652897.09
4188077.10   1280.76241 (17121322)
        652887.69   4188054.53   1252.94923 (17122903)   652878.30
4188031.96   1234.87402 (17122903)
        652868.91   4188009.40   1246.41364 (17013107)   652859.51
4187986.83   1191.05387 (17122521)
        652850.12   4187964.27   1205.72712 (17011505)   653126.95
4188615.67   852.40486 (17022406)

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        652944.86   4188780.95      603.31565  (17020406)              652935.42
4188758.28      612.79670  (17123021)
        652925.99   4188735.61      598.56564  (14121304)              652916.55
4188712.94      599.42463  (17010902)
        652907.11   4188690.27      641.98358  (17121324)              652897.67
4188667.60      637.19223  (17121324)
        652888.24   4188644.93      611.53503  (15022507)              652878.80
4188622.26      626.76212  (15022507)
        652869.36   4188599.59      644.73156  (17120208)              652859.93
4188576.92      654.76071  (17121808)
        652850.49   4188554.25      678.75521  (17121808)              652841.05
4188531.58      686.95322  (17120624)
        652831.61   4188508.91      730.30984  (17043004)              652822.18
4188486.23      829.86305  (17043004)
        652812.74   4188463.56      839.44621  (17043004)              652803.30
4188440.89      889.46399  (17120905)
        652793.86   4188418.22      883.24321  (17020404)              652784.43
4188395.55      960.98463  (17020404)
        652774.99   4188372.88      942.20032  (17121007)              652765.55
4188350.21      966.57806  (17121007)
        652756.12   4188327.54      962.06489  (17120707)              652746.68
4188304.87      940.98208  (17010620)
        652737.24   4188282.20      943.39967  (17011201)              652727.80
4188259.53      862.54183  (17123105)
        652718.37   4188236.86      905.99642  (17123105)              652708.93
4188214.19      877.78846  (17122608)
        652699.49   4188191.52      829.83295  (17120901)              652690.05
4188168.85      844.44079  (17013104)
        652680.62   4188146.18      903.63729  (17120702)              652671.18
4188123.51      891.24724  (17120702)
        652661.74   4188100.84      913.85732  (17121322)              652652.31
4188078.17      891.41785  (17122903)
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4188032.83      895.00825  (17013107)
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4187987.49      850.71317  (17011505)
        652605.12   4187964.82      862.80160  (17011505)              652776.59
4188965.81      454.89091  (17020406)
        652767.12   4188943.08      460.27807  (17123021)              652757.66
4188920.34      463.80291  (17123021)
        652748.19   4188897.60      453.06974  (14121304)              652738.73
4188874.87      454.90563  (17010902)
        652729.26   4188852.13      484.52012  (17121324)              652719.80
4188829.40      489.54413  (17121324)
        652710.33   4188806.66      463.19730  (17123024)              652700.87
4188783.92      471.60062  (15022507)
        652691.40   4188761.19      475.27281  (15021501)              652681.94
4188738.45      488.37938  (17120208)
        652672.47   4188715.71      487.48260  (17120208)              652663.01
4188692.98      514.31925  (17121808)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
652539.96	4188397.40	733.00431	(17120707)	652530.50	4188374.67	714.16353	(17010620)
652521.03	4188351.93	718.30748	(17011201)	652511.57	4188329.19	667.42767	(17011201)
652502.10	4188306.46	687.24874	(17123105)	652492.64	4188283.72	674.08522	(17123105)
652483.17	4188260.98	657.25909	(17122608)	652473.71	4188238.25	625.14541	(17120901)
652464.24	4188215.51	633.43482	(17013104)	652454.78	4188192.77	672.66377	(17120702)
652445.31	4188170.04	693.66045	(17120702)	652435.85	4188147.30	682.52046	(17121322)
652426.38	4188124.56	693.36811	(17121322)	652416.92	4188101.83	677.35361	(17122903)

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Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 849
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        652392.97   4189222.48      292.04477  (13012107)                652383.55
4189199.84      295.41716  (17010902)
        652374.12   4189177.20      310.62833  (17121324)                652364.70
4189154.57      320.12691  (17121324)
        652355.28   4189131.93      316.03491  (17121324)                652345.85
4189109.29      298.95151  (17123024)
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Gas Station\Manteca Gas St *** 10/29/22
*** AERMET - VERSION 18081 *** ***
*** 07:02:13

PAGE 850
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
, VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF VOCS IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

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 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 851
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF VOCS     IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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651229.37 4188783.67 388.25840 (16012009) 651219.94 4188761.01 366.83319 (16012009)
651210.51 4188738.35 337.24392 (16012009) 651201.07 4188715.69 301.53091 (16012009)
651191.64 4188693.03 264.06207 (16012009) 651182.21 4188670.37 246.77203 (17123105)
651172.77 4188647.71 248.75047 (17123105) 651163.34 4188625.05 241.50424 (17123105)
651153.91 4188602.40 239.50455 (17122608) 651144.48 4188579.74 234.04159 (17120901)
651135.04 4188557.08 234.12167 (17120901) 651125.61 4188534.42 225.24613 (17120901)
651116.18 4188511.76 208.47464 (17120901) 651106.74 4188489.10 216.59845 (17013104)

651097.31 4188466.44 231.21627 (17013104) 651087.88
4188443.78 238.15732 (17013104)
651078.45 4188421.12 244.27704 (17120702) 651069.01
4188398.46 250.42103 (17120702)
651059.58 4188375.80 248.32831 (17120702) 651050.15
4188353.14 242.16123 (17123008)
651040.71 4188330.48 244.94888 (17121322) 651031.28
4188307.82 249.40394 (17121322)
651021.85 4188285.16 247.16159 (17121322) 651012.42
4188262.50 240.93504 (17011121)
651002.98 4188239.84 242.58225 (17122903) 650993.55
4188217.18 248.03784 (17122903)
650984.12 4188194.52 246.08615 (17122903) 650974.68
4188171.86 237.00869 (17122903)
650965.25 4188149.20 239.38582 (17013107) 650955.82
4188126.54 245.24749 (17013107)
650946.38 4188103.89 244.25396 (17013107) 650936.95
4188081.23 237.88052 (17120922)
650927.52 4188058.57 237.57752 (17120922) 650918.09
4188035.91 232.52615 (17122521)
650908.65 4188013.25 233.14845 (17122521) 650899.22
4187990.59 235.96922 (17011505)
650889.79 4187967.93 237.57768 (17011505) 650880.35
4187945.27 233.22668 (17011505)
650870.92 4187922.61 223.19708 (17011505) 650861.49
4187899.95 208.19397 (17011505)
650852.06 4187877.29 208.50592 (17013008) 651780.88
4190094.89 164.58211 (17022406)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 , VOL1 , VOL2 , VOL3 ,
VOL4 , VOL5 , VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

- - - -

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        650976.64   4189354.74      194.79884  (17120905)                650967.18
4189332.03      188.39674  (17120905)
        650957.73   4189309.31      187.82441  (17121402)                650948.27
4189286.60      188.15110  (17020404)
        650938.82   4189263.88      199.82615  (17020404)                650929.36
4189241.17      207.52106  (17020404)
        650919.90   4189218.45      210.01568  (17020404)                650910.45
4189195.74      207.25760  (17020404)
        650900.99   4189173.02      199.84847  (17020404)                650891.54
4189150.31      207.17355  (17121007)
        650882.08   4189127.60      221.35680  (16012009)                650872.62
4189104.88      252.35867  (16012009)
        650863.17   4189082.17      275.35250  (16012009)                650853.71
4189059.45      301.65800  (16012009)
        650844.26   4189036.74      324.67701  (16012009)                650834.80
4189014.02      343.90485  (16012009)
        650825.35   4188991.31      354.15244  (16012009)                650815.89
4188968.59      357.44252  (16012009)
        650806.43   4188945.88      353.20848  (16012009)                650796.98
4188923.16      341.16916  (16012009)
        650787.52   4188900.45      321.80757  (16012009)                650778.07
4188877.73      296.08842  (16012009)
        650768.61   4188855.02      269.31352  (16012009)                650759.15
4188832.31      242.05458  (16012009)
        650749.70   4188809.59      213.00987  (16012009)                650740.24
4188786.88      198.17420  (17123105)
        650730.79   4188764.16      198.96550  (17123105)                650721.33
4188741.45      193.87986  (17123105)
        650711.87   4188718.73      191.48860  (17122608)                650702.42
4188696.02      188.97435  (17122608)
        650692.96   4188673.30      188.77957  (17120901)                650683.51
4188650.59      186.35339  (17120901)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                  PAGE 853
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF VOCS     IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650674.05	4188627.87	178.21904	(17120901)	650664.60	4188605.16	165.21085	(17120901)
650655.14	4188582.44	169.91292	(17013104)	650645.68	4188559.73	181.91236	(17013104)
650636.23	4188537.02	189.13086	(17013104)	650626.77	4188514.30	190.88073	(17013104)
650617.32	4188491.59	196.85814	(17120702)	650607.86	4188468.87	200.06187	(17120702)
650598.40	4188446.16	198.06161	(17120702)	650588.95	4188423.44	193.09040	(17123008)
650579.49	4188400.73	192.79470	(17123008)	650570.04	4188378.01	198.04996	(17121322)
650560.58	4188355.30	199.07633	(17121322)	650551.13	4188332.58	195.77749	(17121322)
650541.67	4188309.87	192.37496	(17123003)	650532.21	4188287.15	193.33459	(17122903)
650522.76	4188264.44	197.93370	(17122903)	650513.30	4188241.72	197.85069	(17122903)
650503.85	4188219.01	193.09411	(17122903)	650494.39	4188196.30	184.85124	(17013107)
650484.93	4188173.58	192.52182	(17013107)	650475.48	4188150.87	196.07327	(17013107)
650466.02	4188128.15	195.17845	(17013107)	650456.57	4188105.44	190.02587	(17013107)
650447.11	4188082.72	190.55325	(17120922)	650437.65	4188060.01	187.38321	(17120922)
650428.20	4188037.29	186.79479	(17122521)	650418.74	4188014.58	185.81167	(17122521)
650409.29	4187991.86	188.80318	(17011505)	650399.83	4187969.15	189.92776	(17011505)
650390.38	4187946.43	186.98015	(17011505)	650380.92	4187923.72	180.55176	(17011505)
650371.46	4187901.01	170.82115	(17011505)	650362.01	4187878.29	161.47791	(17122607)
650352.55	4187855.58	167.09968	(17013008)	651094.01	4190814.87	105.12301	(17022406)
651084.57	4190792.20	102.84764	(17022403)	651075.14	4190769.53	105.33181	(17020406)
651065.70	4190746.86	107.58437	(17020406)	651056.26	4190724.19	108.28997	(17020406)
651046.82	4190701.52	107.40690	(17020406)	651037.39	4190678.85	109.06451	(17123021)
651027.95	4190656.18	109.69185	(17123021)	651018.51	4190633.51	108.69957	(17123021)

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        651009.08   4190610.84      106.11849  (17123021)                650999.64
4190588.17      106.28432  (14121304)
        650990.20   4190565.50      109.19277  (13010510)                650980.76
4190542.83      111.30378  (13010510)
        650971.33   4190520.16      111.36283  (13010510)                650961.89
4190497.49      109.34602  (13010510)
        650952.45   4190474.82      110.32906  (16111409)                650943.01
4190452.15      111.11082  (17121324)
        650933.58   4190429.48      114.19928  (17121324)                650924.14
4190406.81      115.55376  (17121324)
        650914.70   4190384.14      115.09018  (17121324)                650905.27
4190361.47      112.82216  (17121324)
        650895.83   4190338.80      108.85967  (17121324)                650886.39
4190316.13      109.85024  (15110108)
        650876.95   4190293.46      123.34449  (15110108)                650867.52
4190270.79      134.49432  (15110108)
        650858.08   4190248.12      142.28477  (15110108)                650848.64
4190225.45      145.97502  (15110108)
        650839.20   4190202.78      145.11365  (15110108)                650829.77
4190180.11      139.77260  (15110108)
        650820.33   4190157.44      130.48005  (15110108)                650810.89
4190134.77      118.10075  (15110108)
        650801.46   4190112.10      114.08787  (17022405)                650792.02
4190089.43      114.56063  (17022405)
        650782.58   4190066.76      112.90938  (17022405)                650773.14
4190044.09      113.26764  (14012408)
        650763.71   4190021.42      117.32744  (17121808)                650754.27
4189998.75      120.34504  (17121808)
        650744.83   4189976.08      121.31736  (17121808)                650735.39
4189953.41      120.46652  (17120624)
        650725.96   4189930.74      122.57130  (17120624)                650716.52
4189908.07      122.69454  (17120624)
        650707.08   4189885.40      120.80605  (17120624)                650697.65
4189862.73      117.15604  (14041407)
        650688.21   4189840.06      116.61404  (17012718)                650678.77
4189817.39      119.23577  (17012718)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                   PAGE 854
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VOCS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
650669.33	4189794.72	120.33050	(17043004)	650659.90	4189772.05	131.35779	(17043004)
650650.46	4189749.38	140.56687	(17043004)	650641.02	4189726.71	147.38380	(17043004)
650631.58	4189704.04	151.18330	(17043004)	650622.15	4189681.37	151.63507	(17043004)
650612.71	4189658.70	149.20204	(17043004)	650603.27	4189636.03	145.60894	(17120905)
650593.83	4189613.36	154.49283	(17120905)	650584.40	4189590.69	159.77946	(17120905)
650574.96	4189568.02	160.92130	(17120905)	650565.52	4189545.35	157.68100	(17120905)
650556.09	4189522.68	153.95152	(17121402)	650546.65	4189500.01	153.31495	(17121402)
650537.21	4189477.34	154.44184	(17020404)	650527.77	4189454.67	163.30490	(17020404)
650518.34	4189432.00	169.27464	(17020404)	650508.90	4189409.33	171.99457	(17020404)
650499.46	4189386.66	171.28027	(17020404)	650490.02	4189363.99	167.15741	(17020404)
650480.59	4189341.32	164.54977	(17121007)	650471.15	4189318.65	170.86838	(17121007)
650461.71	4189295.98	189.63020	(16012009)	650452.28	4189273.31	213.51310	(16012009)
650442.84	4189250.64	236.89936	(16012009)	650433.40	4189227.97	259.27851	(16012009)
650423.96	4189205.30	278.43693	(16012009)	650414.53	4189182.63	294.33712	(16012009)
650405.09	4189159.96	306.05659	(16012009)	650395.65	4189137.29	312.83656	(16012009)
650386.21	4189114.62	314.29205	(16012009)	650376.78	4189091.95	310.46216	(16012009)
650367.34	4189069.28	301.47960	(16012009)	650357.90	4189046.61	287.76993	(16012009)
650348.47	4189023.94	270.18953	(16012009)	650339.03	4189001.27	249.59128	(16012009)
650329.59	4188978.60	226.98774	(16012009)	650320.15	4188955.93	203.29858	(16012009)
650310.72	4188933.26	179.47191	(16012009)	650301.28	4188910.59	162.22856	(17123105)

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        650291.84   4188887.92      163.85298  (17123105)                650282.40
4188865.25      161.21256  (17123105)
        650272.97   4188842.58      156.46703  (17122608)                650263.53
4188819.91      156.19262  (17122608)
        650254.09   4188797.24      153.33620  (17122608)                650244.66
4188774.57      154.71468  (17120901)
        650235.22   4188751.90      152.69361  (17120901)                650225.78
4188729.23      146.89021  (17120901)
        650216.34   4188706.56      137.77426  (17120901)                650206.91
4188683.89      132.16271  (17013104)
        650197.47   4188661.22      142.90868  (17013104)                650188.03
4188638.55      150.94187  (17013104)
        650178.59   4188615.88      155.60783  (17013104)                650169.16
4188593.21      156.71136  (17013104)
        650159.72   4188570.54      161.16306  (17120702)                650150.28
4188547.87      164.44224  (17120702)
        650140.85   4188525.20      164.06491  (17120702)                650131.41
4188502.53      160.10429  (17120702)
        650121.97   4188479.86      159.42721  (17123008)                650112.53
4188457.19      159.45891  (17121322)
        650103.10   4188434.52      162.86753  (17121322)                650093.66
4188411.85      163.38303  (17121322)
        650084.22   4188389.18      161.04659  (17121322)                650074.78
4188366.51      157.67421  (17123003)
        650065.35   4188343.84      157.46978  (17123003)                650055.91
4188321.17      160.93236  (17122903)
        650046.47   4188298.50      162.87460  (17122903)                650037.03
4188275.83      161.80424  (17122903)
        650027.60   4188253.16      157.49149  (17122903)                650018.16
4188230.49      150.48464  (17013107)
        650008.72   4188207.82      156.72018  (17013107)                649999.29
4188185.15      160.24574  (17013107)
        649989.85   4188162.48      160.85464  (17013107)                649980.41
4188139.81      158.66472  (17013107)
        649970.97   4188117.14      156.40225  (17120922)                649961.54
4188094.47      156.50612  (17120922)
        649952.10   4188071.80      153.69949  (17120922)                649942.66
4188049.13      153.55682  (17122521)
        649933.22   4188026.46      153.29197  (17122521)                649923.79
4188003.79      153.84337  (17011505)
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                      ***        07:02:13

                                  PAGE 855
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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                                  INCLUDING SOURCE(S):     STCK1       , STCK2
, VOL1        , VOL2        , VOL3        ,
                VOL4        , VOL5        , VOL6        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF VOCS     IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        649914.35   4187981.12      155.89590  (17011505)                649904.91
4187958.45      155.18708  (17011505)
        649895.48   4187935.78      151.99023  (17011505)                649886.04
4187913.11      146.59840  (17011505)
        649876.60   4187890.44      138.99868  (17011505)                649867.16
4187867.77      132.99944  (17122607)
        649857.73   4187845.10      134.23174  (17013008)                651107.84
4190834.50      107.60812  (17022406)
        653689.92   4187978.71    27938.83366  (17011201)                653699.03
4187987.00    24082.96492  (17122609)
        653712.29   4187988.66    39028.23202  (13121109)                653810.49
4187988.66    15750.96985  (15010317)
        653818.36   4187877.61    11792.63909  (17012908)                653694.47
4187874.30    10422.98842  (13122919)
↟ *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***        10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***        07:02:13

                                   PAGE 856
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                      ** CONC OF VOCS     IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                     AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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LOAD      1ST HIGHEST VALUE IS     347.89665 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
          2ND HIGHEST VALUE IS     322.56280 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
          3RD HIGHEST VALUE IS     298.43907 AT (  653690.13,  4187968.38,     8.18,
    8.18,    0.00)  DC
          4TH HIGHEST VALUE IS     283.55755 AT (  653690.13,  4187988.38,     8.21,
    8.21,    0.00)  DC
          5TH HIGHEST VALUE IS     274.86901 AT (  653690.13,  4187948.38,     8.16,
    8.16,    0.00)  DC
          6TH HIGHEST VALUE IS     232.25993 AT (  653689.92,  4187978.71,     8.20,
    8.20,    0.00)  DC
          7TH HIGHEST VALUE IS     212.68983 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
          8TH HIGHEST VALUE IS     209.92896 AT (  653655.14,  4187974.84,     8.13,
    8.13,    0.00)  DC
          9TH HIGHEST VALUE IS     203.34136 AT (  653652.19,  4188005.90,     8.14,
    8.14,    0.00)  DC
         10TH HIGHEST VALUE IS     191.38412 AT (  653665.85,  4187956.74,     8.13,
    8.13,    0.00)  DC

BREATH    1ST HIGHEST VALUE IS     341.90209 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
          2ND HIGHEST VALUE IS     339.16764 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
          3RD HIGHEST VALUE IS     302.47645 AT (  653690.13,  4187968.38,     8.18,
    8.18,    0.00)  DC
          4TH HIGHEST VALUE IS     284.14151 AT (  653690.13,  4187948.38,     8.16,
    8.16,    0.00)  DC
          5TH HIGHEST VALUE IS     219.88905 AT (  653655.14,  4187974.84,     8.13,
    8.13,    0.00)  DC
          6TH HIGHEST VALUE IS     218.06048 AT (  653712.29,  4187988.66,     8.26,
    8.26,    0.00)  DC
          7TH HIGHEST VALUE IS     216.42771 AT (  653652.19,  4188005.90,     8.14,
    8.14,    0.00)  DC
          8TH HIGHEST VALUE IS     212.14835 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
          9TH HIGHEST VALUE IS     206.36061 AT (  653690.13,  4187988.38,     8.21,
    8.21,    0.00)  DC
         10TH HIGHEST VALUE IS     198.21066 AT (  653665.85,  4187956.74,     8.13,
    8.13,    0.00)  DC

FUEL      1ST HIGHEST VALUE IS     527.70330 AT (  653712.29,  4187988.66,     8.26,
    8.26,    0.00)  DC
          2ND HIGHEST VALUE IS     427.89183 AT (  653699.03,  4187987.00,     8.23,
    8.23,    0.00)  DC
          3RD HIGHEST VALUE IS     404.06156 AT (  653690.13,  4187968.38,     8.18,
    8.18,    0.00)  DC
          4TH HIGHEST VALUE IS     373.16744 AT (  653689.92,  4187978.71,     8.20,
    8.20,    0.00)  DC
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          5TH HIGHEST VALUE IS     319.26563 AT (  653690.13,  4187988.38,     8.21,
    8.21,    0.00)  DC
          6TH HIGHEST VALUE IS     287.23143 AT (  653690.13,  4187948.38,     8.16,
    8.16,    0.00)  DC
          7TH HIGHEST VALUE IS     199.59906 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
          8TH HIGHEST VALUE IS     196.83539 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
          9TH HIGHEST VALUE IS     186.22723 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
         10TH HIGHEST VALUE IS     179.91052 AT (  653690.13,  4187928.38,     8.13,
    8.13,    0.00)  DC

SPILL     1ST HIGHEST VALUE IS     551.10281 AT (  653712.29,  4187988.66,     8.26,
    8.26,    0.00)  DC
          2ND HIGHEST VALUE IS     443.96502 AT (  653699.03,  4187987.00,     8.23,
    8.23,    0.00)  DC
          3RD HIGHEST VALUE IS     423.46290 AT (  653690.13,  4187968.38,     8.18,
    8.18,    0.00)  DC
          4TH HIGHEST VALUE IS     386.56170 AT (  653689.92,  4187978.71,     8.20,
    8.20,    0.00)  DC
          5TH HIGHEST VALUE IS     328.52516 AT (  653690.13,  4187988.38,     8.21,
    8.21,    0.00)  DC
          6TH HIGHEST VALUE IS     298.96432 AT (  653690.13,  4187948.38,     8.16,
    8.16,    0.00)  DC
          7TH HIGHEST VALUE IS     203.70877 AT (  653689.06,  4188008.65,     8.23,
    8.23,    0.00)  DC
          8TH HIGHEST VALUE IS     200.64539 AT (  653712.29,  4188013.66,     8.27,
    8.27,    0.00)  DC
          9TH HIGHEST VALUE IS     189.66993 AT (  653669.02,  4187987.41,     8.16,
    8.16,    0.00)  DC
         10TH HIGHEST VALUE IS     184.67792 AT (  653690.13,  4187928.38,     8.13,
    8.13,    0.00)  DC
 *** AERMOD - VERSION 21112  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\Manteca Gas St ***       10/29/22
 *** AERMET - VERSION  18081 ***   ***
                       ***       07:02:13

                                  PAGE 857
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                    ** CONC OF VOCS     IN MICROGRAMS/M**3
               **

                         NETWORK
```

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

- - - -

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- - - -
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   ********   WARNING MESSAGES   ********
ME W186     159       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187     159       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

MX W420   34276        METQA: Wind Speed Out-of-Range.   KURDAT =
16112904
MX W420   34282        METQA: Wind Speed Out-of-Range.   KURDAT =
16112910
MX W420   34288        METQA: Wind Speed Out-of-Range.   KURDAT =
16112916
MX W420   34294        METQA: Wind Speed Out-of-Range.   KURDAT =
16112922
MX W420   34300        METQA: Wind Speed Out-of-Range.   KURDAT =
16113004
MX W420   40768        METQA: Wind Speed Out-of-Range.   KURDAT =
17082616
MX W420   40792        METQA: Wind Speed Out-of-Range.   KURDAT =
17082716
MX W420   40798        METQA: Wind Speed Out-of-Range.   KURDAT =
17082722
MX W420   40804        METQA: Wind Speed Out-of-Range.   KURDAT =
17082804

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

HARP2 - HRACalc (dated 22118) 10/31/2022 3:25:13 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 70

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 0
16 to 70 Years Bin: 54

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: True
Dairy: True
Pig: True
Chicken: True
Egg: True

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatFarm
Fraction leafy: 0.235
Fraction exposed: 0.235
Fraction protected: 0.235
Fraction root: 0.235

****
BEEF & DAIRY PATHWAY SETTINGS

Surface area (m^2): 0
Volume (kg): 0
Volume changes per year: 0

Beef
Fraction consumed from contaminated water source: 0
Fraction consumed of contaminated grazing: 0.5

Dairy
Fraction consumed from contaminated water source: 0
Fraction consumed of contaminated grazing: 0.5

****
PIG, CHICKEN, & EGG PATHWAY SETTINGS

Surface area (m^2): 0
Volume (kg): 0
Volume changes per year: 0

Pig
Fraction consumed from contaminated water source: 0
Fraction consumed of contaminated leafy crop: 0.25
Fraction consumed of contaminated exposed crop: 0.25
Fraction consumed of contaminated protected crop: 0.25

```
Fraction consumed of contaminated root crop: 0.25

Chicken
Fraction consumed from contaminated water source: 0
Fraction consumed of contaminated leafy crop: 0.25
Fraction consumed of contaminated exposed crop: 0.25
Fraction consumed of contaminated protected crop: 0.25
Fraction consumed of contaminated root crop: 0.25

Egg
Fraction consumed from contaminated water source: 0
Fraction consumed of contaminated leafy crop: 0.25
Fraction consumed of contaminated exposed crop: 0.25
Fraction consumed of contaminated protected crop: 0.25
Fraction consumed of contaminated root crop: 0.25

**********
TIER 2 SETTINGS
Tier2 not used.

**********

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION
HARP\hra\ResidentialCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\MANTECA GAS STATION HARP\hra\ResidentialCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION
HARP\hra\ResidentialNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca
Gas Station\MANTECA GAS STATION HARP\hra\ResidentialNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION
HARP\hra\ResidentialNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas
Station\MANTECA GAS STATION HARP\hra\ResidentialNCAcuteRiskSumByRec.csv
HRA ran successfully
```

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		653690.1	4187328	6.31E-08	70YrCancel	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		653710.1	4187328	6.28E-08	70YrCancel	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		653730.1	4187328	6.28E-08	70YrCancel	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		653750.1	4187328	6.33E-08	70YrCancel	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		653770.1	4187328	6.41E-08	70YrCancel	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		653790.1	4187328	6.52E-08	70YrCancel	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		653810.1	4187328	6.65E-08	70YrCancel	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		653830.1	4187328	6.77E-08	70YrCancel	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		653850.1	4187328	6.88E-08	70YrCancel	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		653870.1	4187328	6.97E-08	70YrCancel	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		653890.1	4187328	7.03E-08	70YrCancel	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		653910.1	4187328	7.08E-08	70YrCancel	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		653930.1	4187328	7.12E-08	70YrCancel	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		653950.1	4187328	7.15E-08	70YrCancel	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		653970.1	4187328	7.16E-08	70YrCancel	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		653990.1	4187328	7.16E-08	70YrCancel	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		654010.1	4187328	7.12E-08	70YrCancel	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		654030.1	4187328	7.06E-08	70YrCancel	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		654050.1	4187328	6.96E-08	70YrCancel	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		654070.1	4187328	6.84E-08	70YrCancel	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		654090.1	4187328	6.71E-08	70YrCancel	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		654110.1	4187328	6.58E-08	70YrCancel	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		654130.1	4187328	6.46E-08	70YrCancel	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		654150.1	4187328	6.35E-08	70YrCancel	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		654170.1	4187328	6.26E-08	70YrCancel	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		654190.1	4187328	6.18E-08	70YrCancel	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		654210.1	4187328	6.12E-08	70YrCancel	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		654230.1	4187328	6.06E-08	70YrCancel	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		654250.1	4187328	6.00E-08	70YrCancel	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		654270.1	4187328	5.94E-08	70YrCancel	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		654290.1	4187328	5.87E-08	70YrCancel	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		654310.1	4187328	5.80E-08	70YrCancel	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		654330.1	4187328	5.73E-08	70YrCancel	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		654350.1	4187328	5.64E-08	70YrCancel	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		654370.1	4187328	5.55E-08	70YrCancel	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		654390.1	4187328	5.46E-08	70YrCancel	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		654410.1	4187328	5.36E-08	70YrCancel	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		654430.1	4187328	5.26E-08	70YrCancel	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		654450.1	4187328	5.16E-08	70YrCancel	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		654470.1	4187328	5.06E-08	70YrCancel	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		654490.1	4187328	4.96E-08	70YrCancel	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		653690.1	4187348	6.66E-08	70YrCancel	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		653710.1	4187348	6.63E-08	70YrCancel	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		653730.1	4187348	6.63E-08	70YrCancel	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		653750.1	4187348	6.68E-08	70YrCancel	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		653770.1	4187348	6.77E-08	70YrCancel	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		653790.1	4187348	6.90E-08	70YrCancel	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		653810.1	4187348	7.04E-08	70YrCancel	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		653830.1	4187348	7.17E-08	70YrCancel	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		653850.1	4187348	7.28E-08	70YrCancel	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		653870.1	4187348	7.37E-08	70YrCancel	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		653890.1	4187348	7.43E-08	70YrCancel	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		653910.1	4187348	7.49E-08	70YrCancel	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		653930.1	4187348	7.53E-08	70YrCancel	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		653950.1	4187348	7.55E-08	70YrCancel	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		653970.1	4187348	7.56E-08	70YrCancel	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		653990.1	4187348	7.54E-08	70YrCancel	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		654010.1	4187348	7.49E-08	70YrCancel	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		654030.1	4187348	7.40E-08	70YrCancel	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		654050.1	4187348	7.29E-08	70YrCancel	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		654070.1	4187348	7.15E-08	70YrCancel	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		654090.1	4187348	7.01E-08	70YrCancel	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		654110.1	4187348	6.87E-08	70YrCancel	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		654130.1	4187348	6.75E-08	70YrCancel	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		654150.1	4187348	6.64E-08	70YrCancel	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		654170.1	4187348	6.55E-08	70YrCancel	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		654190.1	4187348	6.48E-08	70YrCancel	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		654210.1	4187348	6.41E-08	70YrCancel	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		654230.1	4187348	6.35E-08	70YrCancel	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		654250.1	4187348	6.28E-08	70YrCancel	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		654270.1	4187348	6.21E-08	70YrCancel	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		654290.1	4187348	6.14E-08	70YrCancel	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		654310.1	4187348	6.05E-08	70YrCancel	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		654330.1	4187348	5.96E-08	70YrCancel	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		654350.1	4187348	5.86E-08	70YrCancel	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		654370.1	4187348	5.76E-08	70YrCancel	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		654390.1	4187348	5.65E-08	70YrCancel	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		654410.1	4187348	5.55E-08	70YrCancel	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		654430.1	4187348	5.44E-08	70YrCancel	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		654450.1	4187348	5.33E-08	70YrCancel	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		654470.1	4187348	5.22E-08	70YrCancel	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		654490.1	4187348	5.11E-08	70YrCancel	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		653690.1	4187368	7.05E-08	70YrCancel	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		653710.1	4187368	7.01E-08	70YrCancel	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		653730.1	4187368	7.01E-08	70YrCancel	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		653750.1	4187368	7.07E-08	70YrCancel	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		653770.1	4187368	7.17E-08	70YrCancel	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		653790.1	4187368	7.31E-08	70YrCancel	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		653810.1	4187368	7.46E-08	70YrCancel	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		653830.1	4187368	7.60E-08	70YrCancel	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		653850.1	4187368	7.72E-08	70YrCancel	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		653870.1	4187368	7.81E-08	70YrCancel	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		653890.1	4187368	7.88E-08	70YrCancel	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		653910.1	4187368	7.93E-08	70YrCancel	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		653930.1	4187368	7.97E-08	70YrCancel	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		653950.1	4187368	7.99E-08	70YrCancel	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		653970.1	4187368	7.99E-08	70YrCancel	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		653990.1	4187368	7.95E-08	70YrCancel	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		654010.1	4187368	7.88E-08	70YrCancel	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL		654030.1	4187368	7.77E-08	70YrCancel	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

101	ALL	654050.1	4187368	7.63E-08	70YrCancel	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	654070.1	4187368	7.48E-08	70YrCancel	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	654090.1	4187368	7.33E-08	70YrCancel	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	654110.1	4187368	7.19E-08	70YrCancel	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	654130.1	4187368	7.07E-08	70YrCancel	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	654150.1	4187368	6.96E-08	70YrCancel	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	654170.1	4187368	6.88E-08	70YrCancel	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	654190.1	4187368	6.80E-08	70YrCancel	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	654210.1	4187368	6.73E-08	70YrCancel	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	654230.1	4187368	6.66E-08	70YrCancel	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	654250.1	4187368	6.58E-08	70YrCancel	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	654270.1	4187368	6.50E-08	70YrCancel	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	654290.1	4187368	6.41E-08	70YrCancel	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	654310.1	4187368	6.31E-08	70YrCancel	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	654330.1	4187368	6.20E-08	70YrCancel	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	654350.1	4187368	6.09E-08	70YrCancel	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	654370.1	4187368	5.97E-08	70YrCancel	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	654390.1	4187368	5.86E-08	70YrCancel	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	654410.1	4187368	5.74E-08	70YrCancel	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	654430.1	4187368	5.62E-08	70YrCancel	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	654450.1	4187368	5.50E-08	70YrCancel	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	654470.1	4187368	5.38E-08	70YrCancel	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	654490.1	4187368	5.26E-08	70YrCancel	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	653690.1	4187388	7.46E-08	70YrCancel	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	653710.1	4187388	7.42E-08	70YrCancel	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	653730.1	4187388	7.43E-08	70YrCancel	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	653750.1	4187388	7.49E-08	70YrCancel	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	653770.1	4187388	7.61E-08	70YrCancel	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	653790.1	4187388	7.76E-08	70YrCancel	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	653810.1	4187388	7.92E-08	70YrCancel	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	653830.1	4187388	8.07E-08	70YrCancel	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	653850.1	4187388	8.20E-08	70YrCancel	8.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	653870.1	4187388	8.29E-08	70YrCancel	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	653890.1	4187388	8.36E-08	70YrCancel	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	653910.1	4187388	8.41E-08	70YrCancel	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	653930.1	4187388	8.45E-08	70YrCancel	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	653950.1	4187388	8.47E-08	70YrCancel	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	653970.1	4187388	8.45E-08	70YrCancel	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	653990.1	4187388	8.39E-08	70YrCancel	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	654010.1	4187388	8.29E-08	70YrCancel	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	654030.1	4187388	8.16E-08	70YrCancel	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	654050.1	4187388	8.00E-08	70YrCancel	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	654070.1	4187388	7.83E-08	70YrCancel	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	654090.1	4187388	7.68E-08	70YrCancel	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	654110.1	4187388	7.54E-08	70YrCancel	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	654130.1	4187388	7.42E-08	70YrCancel	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	654150.1	4187388	7.32E-08	70YrCancel	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	654170.1	4187388	7.23E-08	70YrCancel	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	654190.1	4187388	7.16E-08	70YrCancel	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	654210.1	4187388	7.08E-08	70YrCancel	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	654230.1	4187388	6.99E-08	70YrCancel	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	654250.1	4187388	6.90E-08	70YrCancel	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	654270.1	4187388	6.80E-08	70YrCancel	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	654290.1	4187388	6.69E-08	70YrCancel	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	654310.1	4187388	6.57E-08	70YrCancel	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	654330.1	4187388	6.45E-08	70YrCancel	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	654350.1	4187388	6.32E-08	70YrCancel	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	654370.1	4187388	6.19E-08	70YrCancel	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	654390.1	4187388	6.06E-08	70YrCancel	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	654410.1	4187388	5.93E-08	70YrCancel	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	654430.1	4187388	5.80E-08	70YrCancel	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	654450.1	4187388	5.67E-08	70YrCancel	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	654470.1	4187388	5.55E-08	70YrCancel	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	654490.1	4187388	5.42E-08	70YrCancel	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	653690.1	4187408	7.92E-08	70YrCancel	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	653710.1	4187408	7.88E-08	70YrCancel	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	653730.1	4187408	7.89E-08	70YrCancel	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	653750.1	4187408	7.96E-08	70YrCancel	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	653770.1	4187408	8.09E-08	70YrCancel	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	653790.1	4187408	8.25E-08	70YrCancel	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	653810.1	4187408	8.43E-08	70YrCancel	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	653830.1	4187408	8.59E-08	70YrCancel	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	653850.1	4187408	8.72E-08	70YrCancel	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	653870.1	4187408	8.82E-08	70YrCancel	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	653890.1	4187408	8.89E-08	70YrCancel	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	653910.1	4187408	8.95E-08	70YrCancel	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	653930.1	4187408	8.98E-08	70YrCancel	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	653950.1	4187408	8.98E-08	70YrCancel	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	653970.1	4187408	8.95E-08	70YrCancel	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	653990.1	4187408	8.86E-08	70YrCancel	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	654010.1	4187408	8.74E-08	70YrCancel	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	654030.1	4187408	8.58E-08	70YrCancel	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	654050.1	4187408	8.40E-08	70YrCancel	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	654070.1	4187408	8.22E-08	70YrCancel	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	654090.1	4187408	8.06E-08	70YrCancel	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	654110.1	4187408	7.92E-08	70YrCancel	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	654130.1	4187408	7.81E-08	70YrCancel	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	654150.1	4187408	7.71E-08	70YrCancel	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	654170.1	4187408	7.62E-08	70YrCancel	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	654190.1	4187408	7.53E-08	70YrCancel	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	654210.1	4187408	7.44E-08	70YrCancel	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	654230.1	4187408	7.34E-08	70YrCancel	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	654250.1	4187408	7.23E-08	70YrCancel	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	654270.1	4187408	7.11E-08	70YrCancel	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	654290.1	4187408	6.98E-08	70YrCancel	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	654310.1	4187408	6.85E-08	70YrCancel	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	654330.1	4187408	6.71E-08	70YrCancel	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	654350.1	4187408	6.56E-08	70YrCancel	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	654370.1	4187408	6.42E-08	70YrCancel	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	654390.1	4187408	6.28E-08	70YrCancel	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	654410.1	4187408	6.13E-08	70YrCancel	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

202	ALL	654430.1	4187408	5.99E-08	70YrCancel	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	654450.1	4187408	5.85E-08	70YrCancel	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	654470.1	4187408	5.71E-08	70YrCancel	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	654490.1	4187408	5.57E-08	70YrCancel	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	653690.1	4187428	8.43E-08	70YrCancel	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	653710.1	4187428	8.39E-08	70YrCancel	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	653730.1	4187428	8.39E-08	70YrCancel	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	653750.1	4187428	8.47E-08	70YrCancel	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	653770.1	4187428	8.62E-08	70YrCancel	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	653790.1	4187428	8.80E-08	70YrCancel	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	653810.1	4187428	8.99E-08	70YrCancel	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	653830.1	4187428	9.17E-08	70YrCancel	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	653850.1	4187428	9.30E-08	70YrCancel	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	653870.1	4187428	9.40E-08	70YrCancel	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	653890.1	4187428	9.48E-08	70YrCancel	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	653910.1	4187428	9.53E-08	70YrCancel	9.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	653930.1	4187428	9.56E-08	70YrCancel	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	653950.1	4187428	9.54E-08	70YrCancel	9.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	653970.1	4187428	9.48E-08	70YrCancel	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	653990.1	4187428	9.37E-08	70YrCancel	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	654010.1	4187428	9.21E-08	70YrCancel	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	654030.1	4187428	9.02E-08	70YrCancel	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	654050.1	4187428	8.83E-08	70YrCancel	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	654070.1	4187428	8.65E-08	70YrCancel	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	654090.1	4187428	8.49E-08	70YrCancel	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	654110.1	4187428	8.35E-08	70YrCancel	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	654130.1	4187428	8.24E-08	70YrCancel	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	654150.1	4187428	8.14E-08	70YrCancel	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	654170.1	4187428	8.04E-08	70YrCancel	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	654190.1	4187428	7.94E-08	70YrCancel	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	654210.1	4187428	7.83E-08	70YrCancel	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	654230.1	4187428	7.71E-08	70YrCancel	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	654250.1	4187428	7.58E-08	70YrCancel	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	654270.1	4187428	7.43E-08	70YrCancel	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	654290.1	4187428	7.28E-08	70YrCancel	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	654310.1	4187428	7.13E-08	70YrCancel	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	654330.1	4187428	6.97E-08	70YrCancel	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	654350.1	4187428	6.81E-08	70YrCancel	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	654370.1	4187428	6.65E-08	70YrCancel	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	654390.1	4187428	6.50E-08	70YrCancel	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	654410.1	4187428	6.34E-08	70YrCancel	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	654430.1	4187428	6.18E-08	70YrCancel	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	654450.1	4187428	6.03E-08	70YrCancel	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	654470.1	4187428	5.88E-08	70YrCancel	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	654490.1	4187428	5.73E-08	70YrCancel	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	653690.1	4187448	8.99E-08	70YrCancel	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	653710.1	4187448	8.94E-08	70YrCancel	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	653730.1	4187448	8.95E-08	70YrCancel	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	653750.1	4187448	9.04E-08	70YrCancel	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	653770.1	4187448	9.20E-08	70YrCancel	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	653790.1	4187448	9.41E-08	70YrCancel	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	653810.1	4187448	9.62E-08	70YrCancel	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	653830.1	4187448	9.80E-08	70YrCancel	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	653850.1	4187448	9.95E-08	70YrCancel	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	653870.1	4187448	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	653890.1	4187448	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	653910.1	4187448	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	653930.1	4187448	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	653950.1	4187448	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	653970.1	4187448	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	653990.1	4187448	9.91E-08	70YrCancel	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	654010.1	4187448	9.72E-08	70YrCancel	9.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	654030.1	4187448	9.51E-08	70YrCancel	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	654050.1	4187448	9.30E-08	70YrCancel	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	654070.1	4187448	9.12E-08	70YrCancel	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	654090.1	4187448	8.96E-08	70YrCancel	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	654110.1	4187448	8.83E-08	70YrCancel	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	654130.1	4187448	8.71E-08	70YrCancel	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	654150.1	4187448	8.61E-08	70YrCancel	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	654170.1	4187448	8.49E-08	70YrCancel	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	654190.1	4187448	8.37E-08	70YrCancel	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	654210.1	4187448	8.24E-08	70YrCancel	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	654230.1	4187448	8.09E-08	70YrCancel	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	654250.1	4187448	7.93E-08	70YrCancel	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	654270.1	4187448	7.77E-08	70YrCancel	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	654290.1	4187448	7.60E-08	70YrCancel	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	654310.1	4187448	7.42E-08	70YrCancel	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	654330.1	4187448	7.24E-08	70YrCancel	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	654350.1	4187448	7.07E-08	70YrCancel	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	654370.1	4187448	6.89E-08	70YrCancel	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	654390.1	4187448	6.72E-08	70YrCancel	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	654410.1	4187448	6.55E-08	70YrCancel	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	654430.1	4187448	6.38E-08	70YrCancel	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	654450.1	4187448	6.21E-08	70YrCancel	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	654470.1	4187448	6.05E-08	70YrCancel	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	654490.1	4187448	5.88E-08	70YrCancel	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	653690.1	4187468	9.61E-08	70YrCancel	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	653710.1	4187468	9.56E-08	70YrCancel	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	653730.1	4187468	9.58E-08	70YrCancel	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	653750.1	4187468	9.68E-08	70YrCancel	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	653770.1	4187468	9.86E-08	70YrCancel	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	653790.1	4187468	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	653810.1	4187468	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	653830.1	4187468	1.05E-07	70YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	653850.1	4187468	1.07E-07	70YrCancel	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	653870.1	4187468	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	653890.1	4187468	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	653910.1	4187468	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	653930.1	4187468	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	653950.1	4187468	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	653970.1	4187468	1.07E-07	70YrCancel	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

303	ALL	653990.1	4187468	1.05E-07	70YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	654010.1	4187468	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	654030.1	4187468	1.00E-07	70YrCancel	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	654050.1	4187468	9.83E-08	70YrCancel	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	654070.1	4187468	9.64E-08	70YrCancel	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	654090.1	4187468	9.49E-08	70YrCancel	9.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	654110.1	4187468	9.36E-08	70YrCancel	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	654130.1	4187468	9.23E-08	70YrCancel	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	654150.1	4187468	9.11E-08	70YrCancel	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	654170.1	4187468	8.97E-08	70YrCancel	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	654190.1	4187468	8.83E-08	70YrCancel	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	654210.1	4187468	8.66E-08	70YrCancel	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	654230.1	4187468	8.49E-08	70YrCancel	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	654250.1	4187468	8.30E-08	70YrCancel	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	654270.1	4187468	8.11E-08	70YrCancel	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	654290.1	4187468	7.92E-08	70YrCancel	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	654310.1	4187468	7.72E-08	70YrCancel	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	654330.1	4187468	7.53E-08	70YrCancel	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	654350.1	4187468	7.33E-08	70YrCancel	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	654370.1	4187468	7.14E-08	70YrCancel	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	654390.1	4187468	6.95E-08	70YrCancel	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	654410.1	4187468	6.76E-08	70YrCancel	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	654430.1	4187468	6.57E-08	70YrCancel	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	654450.1	4187468	6.39E-08	70YrCancel	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	654470.1	4187468	6.21E-08	70YrCancel	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	654490.1	4187468	6.04E-08	70YrCancel	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	653690.1	4187488	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	653710.1	4187488	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	653730.1	4187488	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	653750.1	4187488	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	653770.1	4187488	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	653790.1	4187488	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	653810.1	4187488	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	653830.1	4187488	1.13E-07	70YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	653850.1	4187488	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	653870.1	4187488	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	653890.1	4187488	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	653910.1	4187488	1.17E-07	70YrCancel	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	653930.1	4187488	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	653950.1	4187488	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	653970.1	4187488	1.14E-07	70YrCancel	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	653990.1	4187488	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	654010.1	4187488	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	654030.1	4187488	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	654050.1	4187488	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	654070.1	4187488	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	654090.1	4187488	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	654110.1	4187488	9.94E-08	70YrCancel	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	654130.1	4187488	9.80E-08	70YrCancel	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	654150.1	4187488	9.65E-08	70YrCancel	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	654170.1	4187488	9.48E-08	70YrCancel	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	654190.1	4187488	9.30E-08	70YrCancel	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	654210.1	4187488	9.11E-08	70YrCancel	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	654230.1	4187488	8.90E-08	70YrCancel	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	654250.1	4187488	8.69E-08	70YrCancel	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	654270.1	4187488	8.47E-08	70YrCancel	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	654290.1	4187488	8.25E-08	70YrCancel	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	654310.1	4187488	8.03E-08	70YrCancel	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	654330.1	4187488	7.81E-08	70YrCancel	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	654350.1	4187488	7.60E-08	70YrCancel	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	654370.1	4187488	7.38E-08	70YrCancel	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	654390.1	4187488	7.17E-08	70YrCancel	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	654410.1	4187488	6.97E-08	70YrCancel	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	654430.1	4187488	6.77E-08	70YrCancel	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	654450.1	4187488	6.57E-08	70YrCancel	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	654470.1	4187488	6.38E-08	70YrCancel	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	654490.1	4187488	6.19E-08	70YrCancel	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	653690.1	4187508	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	653710.1	4187508	1.10E-07	70YrCancel	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	653730.1	4187508	1.10E-07	70YrCancel	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	653750.1	4187508	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	653770.1	4187508	1.14E-07	70YrCancel	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	653790.1	4187508	1.17E-07	70YrCancel	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	653810.1	4187508	1.20E-07	70YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	653830.1	4187508	1.22E-07	70YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	653850.1	4187508	1.24E-07	70YrCancel	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	653870.1	4187508	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	653890.1	4187508	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	653910.1	4187508	1.26E-07	70YrCancel	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	653930.1	4187508	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	653950.1	4187508	1.23E-07	70YrCancel	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	653970.1	4187508	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	653990.1	4187508	1.18E-07	70YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	654010.1	4187508	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	654030.1	4187508	1.13E-07	70YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	654050.1	4187508	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	654070.1	4187508	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	654090.1	4187508	1.07E-07	70YrCancel	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	654110.1	4187508	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	654130.1	4187508	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	654150.1	4187508	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	654170.1	4187508	1.00E-07	70YrCancel	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	654190.1	4187508	9.80E-08	70YrCancel	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	654210.1	4187508	9.57E-08	70YrCancel	9.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	654230.1	4187508	9.33E-08	70YrCancel	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	654250.1	4187508	9.08E-08	70YrCancel	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	654270.1	4187508	8.84E-08	70YrCancel	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	654290.1	4187508	8.59E-08	70YrCancel	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	654310.1	4187508	8.35E-08	70YrCancel	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	654330.1	4187508	8.10E-08	70YrCancel	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	654350.1	4187508	7.87E-08	70YrCancel	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

404	ALL	654370.1	4187508	7.63E-08	70YrCancel	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	654390.1	4187508	7.40E-08	70YrCancel	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	654410.1	4187508	7.18E-08	70YrCancel	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	654430.1	4187508	6.96E-08	70YrCancel	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	654450.1	4187508	6.75E-08	70YrCancel	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	654470.1	4187508	6.54E-08	70YrCancel	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	654490.1	4187508	6.34E-08	70YrCancel	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	653690.1	4187528	1.19E-07	70YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	653710.1	4187528	1.19E-07	70YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	653730.1	4187528	1.19E-07	70YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	653750.1	4187528	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	653770.1	4187528	1.23E-07	70YrCancel	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	653790.1	4187528	1.27E-07	70YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	653810.1	4187528	1.30E-07	70YrCancel	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	653830.1	4187528	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	653850.1	4187528	1.34E-07	70YrCancel	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	653870.1	4187528	1.35E-07	70YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	653890.1	4187528	1.35E-07	70YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	653910.1	4187528	1.35E-07	70YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	653930.1	4187528	1.34E-07	70YrCancel	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	653950.1	4187528	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	653970.1	4187528	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	653990.1	4187528	1.26E-07	70YrCancel	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	654010.1	4187528	1.23E-07	70YrCancel	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	654030.1	4187528	1.20E-07	70YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	654050.1	4187528	1.18E-07	70YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	654070.1	4187528	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	654090.1	4187528	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	654110.1	4187528	1.13E-07	70YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	654130.1	4187528	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	654150.1	4187528	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	654170.1	4187528	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	654190.1	4187528	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	654210.1	4187528	1.00E-07	70YrCancel	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	654230.1	4187528	9.77E-08	70YrCancel	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	654250.1	4187528	9.49E-08	70YrCancel	9.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	654270.1	4187528	9.21E-08	70YrCancel	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	654290.1	4187528	8.94E-08	70YrCancel	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	654310.1	4187528	8.67E-08	70YrCancel	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	654330.1	4187528	8.40E-08	70YrCancel	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	654350.1	4187528	8.14E-08	70YrCancel	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	654370.1	4187528	7.88E-08	70YrCancel	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	654390.1	4187528	7.63E-08	70YrCancel	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	654410.1	4187528	7.39E-08	70YrCancel	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	654430.1	4187528	7.15E-08	70YrCancel	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	654450.1	4187528	6.92E-08	70YrCancel	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	654470.1	4187528	6.70E-08	70YrCancel	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	654490.1	4187528	6.48E-08	70YrCancel	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	653690.1	4187548	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	653710.1	4187548	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	653730.1	4187548	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	653750.1	4187548	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	653770.1	4187548	1.34E-07	70YrCancel	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	653790.1	4187548	1.37E-07	70YrCancel	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	653810.1	4187548	1.41E-07	70YrCancel	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	653830.1	4187548	1.43E-07	70YrCancel	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	653850.1	4187548	1.45E-07	70YrCancel	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	653870.1	4187548	1.46E-07	70YrCancel	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	653890.1	4187548	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	653910.1	4187548	1.46E-07	70YrCancel	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	653930.1	4187548	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	653950.1	4187548	1.41E-07	70YrCancel	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	653970.1	4187548	1.38E-07	70YrCancel	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	653990.1	4187548	1.35E-07	70YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	654010.1	4187548	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	654030.1	4187548	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	654050.1	4187548	1.27E-07	70YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	654070.1	4187548	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	654090.1	4187548	1.22E-07	70YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	654110.1	4187548	1.20E-07	70YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	654130.1	4187548	1.18E-07	70YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	654150.1	4187548	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	654170.1	4187548	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	654190.1	4187548	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	654210.1	4187548	1.05E-07	70YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	654230.1	4187548	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	654250.1	4187548	9.91E-08	70YrCancel	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	654270.1	4187548	9.60E-08	70YrCancel	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	654290.1	4187548	9.29E-08	70YrCancel	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	654310.1	4187548	8.99E-08	70YrCancel	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	654330.1	4187548	8.70E-08	70YrCancel	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	654350.1	4187548	8.41E-08	70YrCancel	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	654370.1	4187548	8.12E-08	70YrCancel	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	654390.1	4187548	7.85E-08	70YrCancel	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	654410.1	4187548	7.59E-08	70YrCancel	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	654430.1	4187548	7.33E-08	70YrCancel	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	654450.1	4187548	7.08E-08	70YrCancel	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	654470.1	4187548	6.85E-08	70YrCancel	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	654490.1	4187548	6.62E-08	70YrCancel	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	653690.1	4187568	1.40E-07	70YrCancel	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	653710.1	4187568	1.40E-07	70YrCancel	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	653730.1	4187568	1.40E-07	70YrCancel	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	653750.1	4187568	1.42E-07	70YrCancel	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	653770.1	4187568	1.46E-07	70YrCancel	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	653790.1	4187568	1.50E-07	70YrCancel	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	653810.1	4187568	1.54E-07	70YrCancel	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	653830.1	4187568	1.56E-07	70YrCancel	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	653850.1	4187568	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	653870.1	4187568	1.59E-07	70YrCancel	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	653890.1	4187568	1.59E-07	70YrCancel	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	653910.1	4187568	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

505	ALL	653930.1	4187568	1.55E-07	70YrCancel	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	653950.1	4187568	1.52E-07	70YrCancel	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	653970.1	4187568	1.48E-07	70YrCancel	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	653990.1	4187568	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	654010.1	4187568	1.41E-07	70YrCancel	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	654030.1	4187568	1.39E-07	70YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	654050.1	4187568	1.36E-07	70YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	654070.1	4187568	1.34E-07	70YrCancel	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	654090.1	4187568	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	654110.1	4187568	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	654130.1	4187568	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	654150.1	4187568	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	654170.1	4187568	1.18E-07	70YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	654190.1	4187568	1.14E-07	70YrCancel	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	654210.1	4187568	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	654230.1	4187568	1.07E-07	70YrCancel	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	654250.1	4187568	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	654270.1	4187568	9.99E-08	70YrCancel	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	654290.1	4187568	9.65E-08	70YrCancel	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	654310.1	4187568	9.31E-08	70YrCancel	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	654330.1	4187568	8.99E-08	70YrCancel	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	654350.1	4187568	8.67E-08	70YrCancel	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	654370.1	4187568	8.36E-08	70YrCancel	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	654390.1	4187568	8.07E-08	70YrCancel	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	654410.1	4187568	7.78E-08	70YrCancel	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	654430.1	4187568	7.51E-08	70YrCancel	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	654450.1	4187568	7.24E-08	70YrCancel	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	654470.1	4187568	6.99E-08	70YrCancel	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	654490.1	4187568	6.74E-08	70YrCancel	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	653690.1	4187588	1.53E-07	70YrCancel	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	653710.1	4187588	1.53E-07	70YrCancel	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	653730.1	4187588	1.53E-07	70YrCancel	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	653750.1	4187588	1.56E-07	70YrCancel	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	653770.1	4187588	1.60E-07	70YrCancel	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	653790.1	4187588	1.64E-07	70YrCancel	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	653810.1	4187588	1.68E-07	70YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	653830.1	4187588	1.71E-07	70YrCancel	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	653850.1	4187588	1.73E-07	70YrCancel	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	653870.1	4187588	1.74E-07	70YrCancel	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	653890.1	4187588	1.73E-07	70YrCancel	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	653910.1	4187588	1.71E-07	70YrCancel	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	653930.1	4187588	1.68E-07	70YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	653950.1	4187588	1.63E-07	70YrCancel	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	653970.1	4187588	1.59E-07	70YrCancel	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	653990.1	4187588	1.55E-07	70YrCancel	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	654010.1	4187588	1.52E-07	70YrCancel	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	654030.1	4187588	1.49E-07	70YrCancel	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	654050.1	4187588	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	654070.1	4187588	1.43E-07	70YrCancel	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	654090.1	4187588	1.40E-07	70YrCancel	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	654110.1	4187588	1.36E-07	70YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	654130.1	4187588	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	654150.1	4187588	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	654170.1	4187588	1.24E-07	70YrCancel	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	654190.1	4187588	1.20E-07	70YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	654210.1	4187588	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	654230.1	4187588	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	654250.1	4187588	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	654270.1	4187588	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	654290.1	4187588	1.00E-07	70YrCancel	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	654310.1	4187588	9.63E-08	70YrCancel	9.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	654330.1	4187588	9.28E-08	70YrCancel	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	654350.1	4187588	8.93E-08	70YrCancel	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	654370.1	4187588	8.59E-08	70YrCancel	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	654390.1	4187588	8.27E-08	70YrCancel	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	654410.1	4187588	7.97E-08	70YrCancel	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	654430.1	4187588	7.67E-08	70YrCancel	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	654450.1	4187588	7.39E-08	70YrCancel	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	654470.1	4187588	7.12E-08	70YrCancel	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	654490.1	4187588	6.86E-08	70YrCancel	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	653690.1	4187608	1.67E-07	70YrCancel	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	653710.1	4187608	1.67E-07	70YrCancel	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	653730.1	4187608	1.68E-07	70YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	653750.1	4187608	1.71E-07	70YrCancel	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	653770.1	4187608	1.76E-07	70YrCancel	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	653790.1	4187608	1.81E-07	70YrCancel	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	653810.1	4187608	1.85E-07	70YrCancel	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	653830.1	4187608	1.88E-07	70YrCancel	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	653850.1	4187608	1.90E-07	70YrCancel	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	653870.1	4187608	1.91E-07	70YrCancel	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	653890.1	4187608	1.89E-07	70YrCancel	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	653910.1	4187608	1.86E-07	70YrCancel	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	653930.1	4187608	1.82E-07	70YrCancel	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	653950.1	4187608	1.77E-07	70YrCancel	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	653970.1	4187608	1.72E-07	70YrCancel	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	653990.1	4187608	1.68E-07	70YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	654010.1	4187608	1.65E-07	70YrCancel	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	654030.1	4187608	1.61E-07	70YrCancel	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	654050.1	4187608	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	654070.1	4187608	1.54E-07	70YrCancel	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	654090.1	4187608	1.50E-07	70YrCancel	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	654110.1	4187608	1.45E-07	70YrCancel	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	654130.1	4187608	1.40E-07	70YrCancel	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	654150.1	4187608	1.36E-07	70YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	654170.1	4187608	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	654190.1	4187608	1.26E-07	70YrCancel	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	654210.1	4187608	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	654230.1	4187608	1.17E-07	70YrCancel	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	654250.1	4187608	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	654270.1	4187608	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	654290.1	4187608	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

606	ALL	654310.1	4187608	9.94E-08	70YrCancel	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	654330.1	4187608	9.55E-08	70YrCancel	9.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	654350.1	4187608	9.17E-08	70YrCancel	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	654370.1	4187608	8.81E-08	70YrCancel	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	654390.1	4187608	8.47E-08	70YrCancel	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	654410.1	4187608	8.14E-08	70YrCancel	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	654430.1	4187608	7.83E-08	70YrCancel	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	654450.1	4187608	7.53E-08	70YrCancel	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	654470.1	4187608	7.25E-08	70YrCancel	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	654490.1	4187608	6.98E-08	70YrCancel	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	653690.1	4187628	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	653710.1	4187628	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	653730.1	4187628	1.85E-07	70YrCancel	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	653750.1	4187628	1.89E-07	70YrCancel	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	653770.1	4187628	1.94E-07	70YrCancel	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	653790.1	4187628	2.00E-07	70YrCancel	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	653810.1	4187628	2.05E-07	70YrCancel	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	653830.1	4187628	2.08E-07	70YrCancel	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	653850.1	4187628	2.10E-07	70YrCancel	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	653870.1	4187628	2.10E-07	70YrCancel	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	653890.1	4187628	2.07E-07	70YrCancel	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	653910.1	4187628	2.03E-07	70YrCancel	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	653930.1	4187628	1.97E-07	70YrCancel	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	653950.1	4187628	1.92E-07	70YrCancel	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	653970.1	4187628	1.87E-07	70YrCancel	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	653990.1	4187628	1.83E-07	70YrCancel	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	654010.1	4187628	1.79E-07	70YrCancel	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	654030.1	4187628	1.75E-07	70YrCancel	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	654050.1	4187628	1.70E-07	70YrCancel	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	654070.1	4187628	1.65E-07	70YrCancel	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	654090.1	4187628	1.60E-07	70YrCancel	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	654110.1	4187628	1.54E-07	70YrCancel	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	654130.1	4187628	1.49E-07	70YrCancel	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	654150.1	4187628	1.43E-07	70YrCancel	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	654170.1	4187628	1.38E-07	70YrCancel	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	654190.1	4187628	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	654210.1	4187628	1.27E-07	70YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	654230.1	4187628	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	654250.1	4187628	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	654270.1	4187628	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	654290.1	4187628	1.07E-07	70YrCancel	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	654310.1	4187628	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	654330.1	4187628	9.81E-08	70YrCancel	9.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	654350.1	4187628	9.41E-08	70YrCancel	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	654370.1	4187628	9.02E-08	70YrCancel	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	654390.1	4187628	8.65E-08	70YrCancel	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	654410.1	4187628	8.30E-08	70YrCancel	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	654430.1	4187628	7.97E-08	70YrCancel	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	654450.1	4187628	7.66E-08	70YrCancel	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	654470.1	4187628	7.36E-08	70YrCancel	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	654490.1	4187628	7.08E-08	70YrCancel	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	653690.1	4187648	2.04E-07	70YrCancel	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	653710.1	4187648	2.04E-07	70YrCancel	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	653730.1	4187648	2.06E-07	70YrCancel	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	653750.1	4187648	2.10E-07	70YrCancel	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	653770.1	4187648	2.16E-07	70YrCancel	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	653790.1	4187648	2.23E-07	70YrCancel	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	653810.1	4187648	2.28E-07	70YrCancel	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	653830.1	4187648	2.32E-07	70YrCancel	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	653850.1	4187648	2.33E-07	70YrCancel	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	653870.1	4187648	2.32E-07	70YrCancel	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	653890.1	4187648	2.28E-07	70YrCancel	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	653910.1	4187648	2.22E-07	70YrCancel	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	653930.1	4187648	2.15E-07	70YrCancel	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	653950.1	4187648	2.10E-07	70YrCancel	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	653970.1	4187648	2.04E-07	70YrCancel	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	653990.1	4187648	2.00E-07	70YrCancel	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	654010.1	4187648	1.95E-07	70YrCancel	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	654030.1	4187648	1.89E-07	70YrCancel	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	654050.1	4187648	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	654070.1	4187648	1.77E-07	70YrCancel	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	654090.1	4187648	1.71E-07	70YrCancel	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	654110.1	4187648	1.64E-07	70YrCancel	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	654130.1	4187648	1.57E-07	70YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	654150.1	4187648	1.51E-07	70YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	654170.1	4187648	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	654190.1	4187648	1.38E-07	70YrCancel	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	654210.1	4187648	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	654230.1	4187648	1.26E-07	70YrCancel	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	654250.1	4187648	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	654270.1	4187648	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	654290.1	4187648	1.10E-07	70YrCancel	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	654310.1	4187648	1.05E-07	70YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	654330.1	4187648	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	654350.1	4187648	9.62E-08	70YrCancel	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	654370.1	4187648	9.21E-08	70YrCancel	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	654390.1	4187648	8.82E-08	70YrCancel	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	654410.1	4187648	8.45E-08	70YrCancel	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	654430.1	4187648	8.11E-08	70YrCancel	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	654450.1	4187648	7.78E-08	70YrCancel	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	654470.1	4187648	7.47E-08	70YrCancel	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	654490.1	4187648	7.18E-08	70YrCancel	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	653690.1	4187668	2.27E-07	70YrCancel	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	653710.1	4187668	2.28E-07	70YrCancel	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	653730.1	4187668	2.29E-07	70YrCancel	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	653750.1	4187668	2.35E-07	70YrCancel	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	653770.1	4187668	2.43E-07	70YrCancel	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	653790.1	4187668	2.50E-07	70YrCancel	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	653810.1	4187668	2.56E-07	70YrCancel	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	653830.1	4187668	2.59E-07	70YrCancel	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	653850.1	4187668	2.60E-07	70YrCancel	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

707	ALL	653870.1	4187668	2.57E-07	70YrCancel	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	653890.1	4187668	2.51E-07	70YrCancel	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	653910.1	4187668	2.44E-07	70YrCancel	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	653930.1	4187668	2.37E-07	70YrCancel	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	653950.1	4187668	2.30E-07	70YrCancel	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	653970.1	4187668	2.25E-07	70YrCancel	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	653990.1	4187668	2.19E-07	70YrCancel	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	654010.1	4187668	2.12E-07	70YrCancel	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	654030.1	4187668	2.05E-07	70YrCancel	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	654050.1	4187668	1.98E-07	70YrCancel	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	654070.1	4187668	1.90E-07	70YrCancel	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	654090.1	4187668	1.82E-07	70YrCancel	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	654110.1	4187668	1.74E-07	70YrCancel	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	654130.1	4187668	1.66E-07	70YrCancel	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	654150.1	4187668	1.59E-07	70YrCancel	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	654170.1	4187668	1.51E-07	70YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	654190.1	4187668	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	654210.1	4187668	1.37E-07	70YrCancel	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	654230.1	4187668	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	654250.1	4187668	1.24E-07	70YrCancel	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	654270.1	4187668	1.19E-07	70YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	654290.1	4187668	1.13E-07	70YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	654310.1	4187668	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	654330.1	4187668	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	654350.1	4187668	9.82E-08	70YrCancel	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	654370.1	4187668	9.39E-08	70YrCancel	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	654390.1	4187668	8.98E-08	70YrCancel	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	654410.1	4187668	8.59E-08	70YrCancel	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	654430.1	4187668	8.23E-08	70YrCancel	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	654450.1	4187668	7.89E-08	70YrCancel	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	654470.1	4187668	7.56E-08	70YrCancel	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	654490.1	4187668	7.26E-08	70YrCancel	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	653690.1	4187688	2.55E-07	70YrCancel	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	653710.1	4187688	2.55E-07	70YrCancel	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	653730.1	4187688	2.58E-07	70YrCancel	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	653750.1	4187688	2.64E-07	70YrCancel	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	653770.1	4187688	2.74E-07	70YrCancel	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	653790.1	4187688	2.83E-07	70YrCancel	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	653810.1	4187688	2.89E-07	70YrCancel	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	653830.1	4187688	2.92E-07	70YrCancel	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	653850.1	4187688	2.91E-07	70YrCancel	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	653870.1	4187688	2.86E-07	70YrCancel	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	653890.1	4187688	2.78E-07	70YrCancel	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	653910.1	4187688	2.70E-07	70YrCancel	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	653930.1	4187688	2.62E-07	70YrCancel	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	653950.1	4187688	2.55E-07	70YrCancel	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	653970.1	4187688	2.47E-07	70YrCancel	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	653990.1	4187688	2.40E-07	70YrCancel	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	654010.1	4187688	2.31E-07	70YrCancel	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	654030.1	4187688	2.22E-07	70YrCancel	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	654050.1	4187688	2.13E-07	70YrCancel	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	654070.1	4187688	2.03E-07	70YrCancel	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	654090.1	4187688	1.93E-07	70YrCancel	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	654110.1	4187688	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	654130.1	4187688	1.75E-07	70YrCancel	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	654150.1	4187688	1.66E-07	70YrCancel	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	654170.1	4187688	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	654190.1	4187688	1.50E-07	70YrCancel	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	654210.1	4187688	1.42E-07	70YrCancel	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	654230.1	4187688	1.35E-07	70YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	654250.1	4187688	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	654270.1	4187688	1.22E-07	70YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	654290.1	4187688	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	654310.1	4187688	1.10E-07	70YrCancel	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	654330.1	4187688	1.05E-07	70YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	654350.1	4187688	1.00E-07	70YrCancel	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	654370.1	4187688	9.55E-08	70YrCancel	9.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	654390.1	4187688	9.12E-08	70YrCancel	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	654410.1	4187688	8.72E-08	70YrCancel	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	654430.1	4187688	8.34E-08	70YrCancel	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	654450.1	4187688	7.98E-08	70YrCancel	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	654470.1	4187688	7.65E-08	70YrCancel	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	654490.1	4187688	7.34E-08	70YrCancel	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	653690.1	4187708	2.88E-07	70YrCancel	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	653710.1	4187708	2.89E-07	70YrCancel	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	653730.1	4187708	2.92E-07	70YrCancel	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	653750.1	4187708	3.00E-07	70YrCancel	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	653770.1	4187708	3.12E-07	70YrCancel	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	653790.1	4187708	3.22E-07	70YrCancel	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	653810.1	4187708	3.29E-07	70YrCancel	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	653830.1	4187708	3.31E-07	70YrCancel	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	653850.1	4187708	3.28E-07	70YrCancel	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	653870.1	4187708	3.20E-07	70YrCancel	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	653890.1	4187708	3.10E-07	70YrCancel	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	653910.1	4187708	3.00E-07	70YrCancel	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	653930.1	4187708	2.91E-07	70YrCancel	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	653950.1	4187708	2.83E-07	70YrCancel	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	653970.1	4187708	2.73E-07	70YrCancel	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	653990.1	4187708	2.63E-07	70YrCancel	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	654010.1	4187708	2.52E-07	70YrCancel	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	654030.1	4187708	2.40E-07	70YrCancel	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	654050.1	4187708	2.28E-07	70YrCancel	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	654070.1	4187708	2.17E-07	70YrCancel	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	654090.1	4187708	2.05E-07	70YrCancel	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	654110.1	4187708	1.94E-07	70YrCancel	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	654130.1	4187708	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	654150.1	4187708	1.74E-07	70YrCancel	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	654170.1	4187708	1.64E-07	70YrCancel	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	654190.1	4187708	1.55E-07	70YrCancel	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	654210.1	4187708	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	654230.1	4187708	1.39E-07	70YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

808	ALL	654250.1	4187708	1.32E-07	70YrCancer	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	654270.1	4187708	1.25E-07	70YrCancer	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	654290.1	4187708	1.18E-07	70YrCancer	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	654310.1	4187708	1.12E-07	70YrCancer	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	654330.1	4187708	1.07E-07	70YrCancer	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	654350.1	4187708	1.02E-07	70YrCancer	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	654370.1	4187708	9.69E-08	70YrCancer	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	654390.1	4187708	9.25E-08	70YrCancer	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	654410.1	4187708	8.83E-08	70YrCancer	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	654430.1	4187708	8.44E-08	70YrCancer	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	654450.1	4187708	8.07E-08	70YrCancer	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	654470.1	4187708	7.73E-08	70YrCancer	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	654490.1	4187708	7.41E-08	70YrCancer	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	653690.1	4187728	3.29E-07	70YrCancer	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	653710.1	4187728	3.31E-07	70YrCancer	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	653730.1	4187728	3.35E-07	70YrCancer	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	653750.1	4187728	3.45E-07	70YrCancer	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	653770.1	4187728	3.59E-07	70YrCancer	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	653790.1	4187728	3.71E-07	70YrCancer	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	653810.1	4187728	3.78E-07	70YrCancer	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	653830.1	4187728	3.78E-07	70YrCancer	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	653850.1	4187728	3.72E-07	70YrCancer	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	653870.1	4187728	3.61E-07	70YrCancer	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	653890.1	4187728	3.49E-07	70YrCancer	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	653910.1	4187728	3.38E-07	70YrCancer	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	653930.1	4187728	3.27E-07	70YrCancer	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	653950.1	4187728	3.15E-07	70YrCancer	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	653970.1	4187728	3.02E-07	70YrCancer	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	653990.1	4187728	2.88E-07	70YrCancer	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	654010.1	4187728	2.73E-07	70YrCancer	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	654030.1	4187728	2.59E-07	70YrCancer	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	654050.1	4187728	2.44E-07	70YrCancer	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	654070.1	4187728	2.30E-07	70YrCancer	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	654090.1	4187728	2.17E-07	70YrCancer	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	654110.1	4187728	2.04E-07	70YrCancer	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	654130.1	4187728	1.92E-07	70YrCancer	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	654150.1	4187728	1.81E-07	70YrCancer	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	654170.1	4187728	1.70E-07	70YrCancer	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	654190.1	4187728	1.60E-07	70YrCancer	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	654210.1	4187728	1.51E-07	70YrCancer	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	654230.1	4187728	1.42E-07	70YrCancer	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	654250.1	4187728	1.35E-07	70YrCancer	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	654270.1	4187728	1.27E-07	70YrCancer	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	654290.1	4187728	1.21E-07	70YrCancer	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	654310.1	4187728	1.14E-07	70YrCancer	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	654330.1	4187728	1.09E-07	70YrCancer	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	654350.1	4187728	1.03E-07	70YrCancer	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	654370.1	4187728	9.82E-08	70YrCancer	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	654390.1	4187728	9.36E-08	70YrCancer	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	654410.1	4187728	8.93E-08	70YrCancer	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	654430.1	4187728	8.53E-08	70YrCancer	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	654450.1	4187728	8.15E-08	70YrCancer	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	654470.1	4187728	7.80E-08	70YrCancer	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	654490.1	4187728	7.48E-08	70YrCancer	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	653690.1	4187748	3.79E-07	70YrCancer	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	653710.1	4187748	3.84E-07	70YrCancer	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	653730.1	4187748	3.89E-07	70YrCancer	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	653750.1	4187748	4.01E-07	70YrCancer	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	653770.1	4187748	4.18E-07	70YrCancer	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	653790.1	4187748	4.32E-07	70YrCancer	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	653810.1	4187748	4.38E-07	70YrCancer	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	653830.1	4187748	4.36E-07	70YrCancer	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	653850.1	4187748	4.25E-07	70YrCancer	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	653870.1	4187748	4.11E-07	70YrCancer	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	653890.1	4187748	3.96E-07	70YrCancer	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	653910.1	4187748	3.82E-07	70YrCancer	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	653930.1	4187748	3.67E-07	70YrCancer	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	653950.1	4187748	3.51E-07	70YrCancer	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	653970.1	4187748	3.33E-07	70YrCancer	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	653990.1	4187748	3.14E-07	70YrCancer	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	654010.1	4187748	2.96E-07	70YrCancer	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	654030.1	4187748	2.78E-07	70YrCancer	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	654050.1	4187748	2.60E-07	70YrCancer	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	654070.1	4187748	2.44E-07	70YrCancer	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	654090.1	4187748	2.28E-07	70YrCancer	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	654110.1	4187748	2.13E-07	70YrCancer	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	654130.1	4187748	2.00E-07	70YrCancer	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	654150.1	4187748	1.87E-07	70YrCancer	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	654170.1	4187748	1.75E-07	70YrCancer	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	654190.1	4187748	1.65E-07	70YrCancer	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	654210.1	4187748	1.55E-07	70YrCancer	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	654230.1	4187748	1.46E-07	70YrCancer	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	654250.1	4187748	1.37E-07	70YrCancer	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	654270.1	4187748	1.30E-07	70YrCancer	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	654290.1	4187748	1.23E-07	70YrCancer	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	654310.1	4187748	1.16E-07	70YrCancer	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	654330.1	4187748	1.10E-07	70YrCancer	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	654350.1	4187748	1.05E-07	70YrCancer	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	654370.1	4187748	9.94E-08	70YrCancer	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	654390.1	4187748	9.46E-08	70YrCancer	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	654410.1	4187748	9.02E-08	70YrCancer	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	654430.1	4187748	8.61E-08	70YrCancer	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	654450.1	4187748	8.23E-08	70YrCancer	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	654470.1	4187748	7.87E-08	70YrCancer	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	654490.1	4187748	7.54E-08	70YrCancer	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	653690.1	4187768	4.43E-07	70YrCancer	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	653710.1	4187768	4.51E-07	70YrCancer	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	653730.1	4187768	4.60E-07	70YrCancer	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	653750.1	4187768	4.75E-07	70YrCancer	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	653770.1	4187768	4.95E-07	70YrCancer	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	653790.1	4187768	5.10E-07	70YrCancer	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

909	ALL	653810.1	4187768	5.15E-07	70YrCancel	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	653830.1	4187768	5.08E-07	70YrCancel	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	653850.1	4187768	4.91E-07	70YrCancel	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	653870.1	4187768	4.73E-07	70YrCancel	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	653890.1	4187768	4.54E-07	70YrCancel	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	653910.1	4187768	4.35E-07	70YrCancel	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	653930.1	4187768	4.13E-07	70YrCancel	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	653950.1	4187768	3.90E-07	70YrCancel	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	653970.1	4187768	3.66E-07	70YrCancel	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	653990.1	4187768	3.42E-07	70YrCancel	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	654010.1	4187768	3.19E-07	70YrCancel	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	654030.1	4187768	2.97E-07	70YrCancel	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	654050.1	4187768	2.76E-07	70YrCancel	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	654070.1	4187768	2.56E-07	70YrCancel	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	654090.1	4187768	2.38E-07	70YrCancel	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	654110.1	4187768	2.22E-07	70YrCancel	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	654130.1	4187768	2.06E-07	70YrCancel	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	654150.1	4187768	1.93E-07	70YrCancel	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	654170.1	4187768	1.80E-07	70YrCancel	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	654190.1	4187768	1.68E-07	70YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	654210.1	4187768	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	654230.1	4187768	1.48E-07	70YrCancel	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	654250.1	4187768	1.40E-07	70YrCancel	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	654270.1	4187768	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	654290.1	4187768	1.24E-07	70YrCancel	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	654310.1	4187768	1.18E-07	70YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	654330.1	4187768	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	654350.1	4187768	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	654370.1	4187768	1.00E-07	70YrCancel	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	654390.1	4187768	9.56E-08	70YrCancel	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	654410.1	4187768	9.11E-08	70YrCancel	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	654430.1	4187768	8.69E-08	70YrCancel	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	654450.1	4187768	8.30E-08	70YrCancel	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	654470.1	4187768	7.94E-08	70YrCancel	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	654490.1	4187768	7.60E-08	70YrCancel	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	653690.1	4187788	5.24E-07	70YrCancel	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	653710.1	4187788	5.38E-07	70YrCancel	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	653730.1	4187788	5.52E-07	70YrCancel	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	653750.1	4187788	5.73E-07	70YrCancel	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	653770.1	4187788	5.97E-07	70YrCancel	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	653790.1	4187788	6.13E-07	70YrCancel	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	653810.1	4187788	6.13E-07	70YrCancel	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	653830.1	4187788	5.98E-07	70YrCancel	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	653850.1	4187788	5.75E-07	70YrCancel	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	653870.1	4187788	5.50E-07	70YrCancel	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	653890.1	4187788	5.24E-07	70YrCancel	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	653910.1	4187788	4.95E-07	70YrCancel	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	653930.1	4187788	4.64E-07	70YrCancel	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	653950.1	4187788	4.32E-07	70YrCancel	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	653970.1	4187788	4.01E-07	70YrCancel	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	653990.1	4187788	3.70E-07	70YrCancel	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	654010.1	4187788	3.41E-07	70YrCancel	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	654030.1	4187788	3.15E-07	70YrCancel	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	654050.1	4187788	2.90E-07	70YrCancel	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	654070.1	4187788	2.68E-07	70YrCancel	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	654090.1	4187788	2.47E-07	70YrCancel	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	654110.1	4187788	2.29E-07	70YrCancel	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	654130.1	4187788	2.12E-07	70YrCancel	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	654150.1	4187788	1.98E-07	70YrCancel	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	654170.1	4187788	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	654190.1	4187788	1.72E-07	70YrCancel	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	654210.1	4187788	1.61E-07	70YrCancel	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	654230.1	4187788	1.51E-07	70YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	654250.1	4187788	1.42E-07	70YrCancel	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	654270.1	4187788	1.34E-07	70YrCancel	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	654290.1	4187788	1.26E-07	70YrCancel	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	654310.1	4187788	1.19E-07	70YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	654330.1	4187788	1.13E-07	70YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	654350.1	4187788	1.07E-07	70YrCancel	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	654370.1	4187788	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	654390.1	4187788	9.65E-08	70YrCancel	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	654410.1	4187788	9.19E-08	70YrCancel	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	654430.1	4187788	8.76E-08	70YrCancel	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	654450.1	4187788	8.37E-08	70YrCancel	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	654470.1	4187788	8.00E-08	70YrCancel	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	654490.1	4187788	7.65E-08	70YrCancel	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	653690.1	4187808	6.31E-07	70YrCancel	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	653710.1	4187808	6.54E-07	70YrCancel	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	653730.1	4187808	6.77E-07	70YrCancel	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	653750.1	4187808	7.07E-07	70YrCancel	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	653770.1	4187808	7.36E-07	70YrCancel	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	653790.1	4187808	7.51E-07	70YrCancel	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	653810.1	4187808	7.42E-07	70YrCancel	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	653830.1	4187808	7.15E-07	70YrCancel	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	653850.1	4187808	6.81E-07	70YrCancel	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	653870.1	4187808	6.46E-07	70YrCancel	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	653890.1	4187808	6.06E-07	70YrCancel	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	653910.1	4187808	5.63E-07	70YrCancel	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	653930.1	4187808	5.19E-07	70YrCancel	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	653950.1	4187808	4.76E-07	70YrCancel	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	653970.1	4187808	4.35E-07	70YrCancel	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	653990.1	4187808	3.97E-07	70YrCancel	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	654010.1	4187808	3.62E-07	70YrCancel	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	654030.1	4187808	3.31E-07	70YrCancel	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	654050.1	4187808	3.03E-07	70YrCancel	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	654070.1	4187808	2.78E-07	70YrCancel	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	654090.1	4187808	2.55E-07	70YrCancel	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	654110.1	4187808	2.36E-07	70YrCancel	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	654130.1	4187808	2.18E-07	70YrCancel	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	654150.1	4187808	2.02E-07	70YrCancel	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	654170.1	4187808	1.88E-07	70YrCancel	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1010	ALL	654190.1	4187808	1.75E-07	70YrCancel	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	654210.1	4187808	1.63E-07	70YrCancel	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	654230.1	4187808	1.53E-07	70YrCancel	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	654250.1	4187808	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	654270.1	4187808	1.35E-07	70YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	654290.1	4187808	1.27E-07	70YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	654310.1	4187808	1.20E-07	70YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	654330.1	4187808	1.14E-07	70YrCancel	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	654350.1	4187808	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	654370.1	4187808	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	654390.1	4187808	9.72E-08	70YrCancel	9.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	654410.1	4187808	9.26E-08	70YrCancel	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	654430.1	4187808	8.82E-08	70YrCancel	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	654450.1	4187808	8.42E-08	70YrCancel	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	654470.1	4187808	8.05E-08	70YrCancel	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	654490.1	4187808	7.70E-08	70YrCancel	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	653690.1	4187828	7.74E-07	70YrCancel	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	653710.1	4187828	8.15E-07	70YrCancel	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	653730.1	4187828	8.51E-07	70YrCancel	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	653750.1	4187828	8.97E-07	70YrCancel	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	653770.1	4187828	9.35E-07	70YrCancel	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	653790.1	4187828	9.42E-07	70YrCancel	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	653810.1	4187828	9.15E-07	70YrCancel	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	653830.1	4187828	8.70E-07	70YrCancel	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	653850.1	4187828	8.19E-07	70YrCancel	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	653870.1	4187828	7.62E-07	70YrCancel	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	653890.1	4187828	7.00E-07	70YrCancel	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	653910.1	4187828	6.37E-07	70YrCancel	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	653930.1	4187828	5.76E-07	70YrCancel	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	653950.1	4187828	5.19E-07	70YrCancel	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	653970.1	4187828	4.67E-07	70YrCancel	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	653990.1	4187828	4.21E-07	70YrCancel	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	654010.1	4187828	3.81E-07	70YrCancel	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	654030.1	4187828	3.45E-07	70YrCancel	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	654050.1	4187828	3.14E-07	70YrCancel	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	654070.1	4187828	2.86E-07	70YrCancel	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	654090.1	4187828	2.62E-07	70YrCancel	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	654110.1	4187828	2.41E-07	70YrCancel	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	654130.1	4187828	2.22E-07	70YrCancel	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	654150.1	4187828	2.06E-07	70YrCancel	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	654170.1	4187828	1.91E-07	70YrCancel	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	654190.1	4187828	1.77E-07	70YrCancel	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	654210.1	4187828	1.66E-07	70YrCancel	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	654230.1	4187828	1.55E-07	70YrCancel	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	654250.1	4187828	1.45E-07	70YrCancel	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	654270.1	4187828	1.37E-07	70YrCancel	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	654290.1	4187828	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	654310.1	4187828	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	654330.1	4187828	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	654350.1	4187828	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	654370.1	4187828	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	654390.1	4187828	9.79E-08	70YrCancel	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	654410.1	4187828	9.31E-08	70YrCancel	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	654430.1	4187828	8.87E-08	70YrCancel	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	654450.1	4187828	8.46E-08	70YrCancel	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	654470.1	4187828	8.08E-08	70YrCancel	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	654490.1	4187828	7.73E-08	70YrCancel	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	653690.1	4187848	9.72E-07	70YrCancel	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	653710.1	4187848	1.05E-06	70YrCancel	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	653730.1	4187848	1.11E-06	70YrCancel	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	653750.1	4187848	1.18E-06	70YrCancel	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	653770.1	4187848	1.22E-06	70YrCancel	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	653790.1	4187848	1.21E-06	70YrCancel	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	653810.1	4187848	1.15E-06	70YrCancel	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	653830.1	4187848	1.08E-06	70YrCancel	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	653850.1	4187848	9.91E-07	70YrCancel	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	653870.1	4187848	8.97E-07	70YrCancel	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	653890.1	4187848	8.01E-07	70YrCancel	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	653910.1	4187848	7.11E-07	70YrCancel	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	653930.1	4187848	6.30E-07	70YrCancel	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	653950.1	4187848	5.58E-07	70YrCancel	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	653970.1	4187848	4.96E-07	70YrCancel	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	653990.1	4187848	4.42E-07	70YrCancel	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	654010.1	4187848	3.96E-07	70YrCancel	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	654030.1	4187848	3.57E-07	70YrCancel	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	654050.1	4187848	3.23E-07	70YrCancel	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	654070.1	4187848	2.93E-07	70YrCancel	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	654090.1	4187848	2.68E-07	70YrCancel	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	654110.1	4187848	2.46E-07	70YrCancel	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	654130.1	4187848	2.26E-07	70YrCancel	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	654150.1	4187848	2.09E-07	70YrCancel	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	654170.1	4187848	1.93E-07	70YrCancel	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	654190.1	4187848	1.80E-07	70YrCancel	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	654210.1	4187848	1.67E-07	70YrCancel	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	654230.1	4187848	1.56E-07	70YrCancel	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	654250.1	4187848	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	654270.1	4187848	1.38E-07	70YrCancel	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	654290.1	4187848	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	654310.1	4187848	1.22E-07	70YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	654330.1	4187848	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	654350.1	4187848	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	654370.1	4187848	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	654390.1	4187848	9.82E-08	70YrCancel	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	654410.1	4187848	9.34E-08	70YrCancel	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	654430.1	4187848	8.90E-08	70YrCancel	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	654450.1	4187848	8.48E-08	70YrCancel	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	654470.1	4187848	8.10E-08	70YrCancel	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	654490.1	4187848	7.74E-08	70YrCancel	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	653690.1	4187868	1.25E-06	70YrCancel	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	653710.1	4187868	1.39E-06	70YrCancel	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	653730.1	4187868	1.52E-06	70YrCancel	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1111	ALL	653750.1	4187868	1.62E-06	70YrCancel	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	653770.1	4187868	1.66E-06	70YrCancel	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	653790.1	4187868	1.61E-06	70YrCancel	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	653810.1	4187868	1.49E-06	70YrCancel	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	653830.1	4187868	1.35E-06	70YrCancel	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	653850.1	4187868	1.20E-06	70YrCancel	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	653870.1	4187868	1.04E-06	70YrCancel	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	653890.1	4187868	9.02E-07	70YrCancel	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	653910.1	4187868	7.80E-07	70YrCancel	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	653930.1	4187868	6.77E-07	70YrCancel	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	653950.1	4187868	5.91E-07	70YrCancel	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	653970.1	4187868	5.19E-07	70YrCancel	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	653990.1	4187868	4.59E-07	70YrCancel	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	654010.1	4187868	4.09E-07	70YrCancel	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	654030.1	4187868	3.66E-07	70YrCancel	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	654050.1	4187868	3.30E-07	70YrCancel	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	654070.1	4187868	2.99E-07	70YrCancel	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	654090.1	4187868	2.72E-07	70YrCancel	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	654110.1	4187868	2.49E-07	70YrCancel	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	654130.1	4187868	2.29E-07	70YrCancel	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	654150.1	4187868	2.11E-07	70YrCancel	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	654170.1	4187868	1.95E-07	70YrCancel	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	654190.1	4187868	1.81E-07	70YrCancel	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	654210.1	4187868	1.69E-07	70YrCancel	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	654230.1	4187868	1.57E-07	70YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	654250.1	4187868	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	654270.1	4187868	1.38E-07	70YrCancel	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	654290.1	4187868	1.30E-07	70YrCancel	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	654310.1	4187868	1.22E-07	70YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	654330.1	4187868	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	654350.1	4187868	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	654370.1	4187868	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	654390.1	4187868	9.83E-08	70YrCancel	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	654410.1	4187868	9.34E-08	70YrCancel	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	654430.1	4187868	8.89E-08	70YrCancel	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	654450.1	4187868	8.48E-08	70YrCancel	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	654470.1	4187868	8.09E-08	70YrCancel	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	654490.1	4187868	7.73E-08	70YrCancel	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	653690.1	4187888	1.68E-06	70YrCancel	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	653830.1	4187888	1.68E-06	70YrCancel	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	653850.1	4187888	1.41E-06	70YrCancel	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	653870.1	4187888	1.18E-06	70YrCancel	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	653890.1	4187888	9.89E-07	70YrCancel	9.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	653910.1	4187888	8.36E-07	70YrCancel	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	653930.1	4187888	7.14E-07	70YrCancel	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	653950.1	4187888	6.16E-07	70YrCancel	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	653970.1	4187888	5.37E-07	70YrCancel	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	653990.1	4187888	4.72E-07	70YrCancel	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	654010.1	4187888	4.18E-07	70YrCancel	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	654030.1	4187888	3.73E-07	70YrCancel	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	654050.1	4187888	3.35E-07	70YrCancel	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	654070.1	4187888	3.03E-07	70YrCancel	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	654090.1	4187888	2.75E-07	70YrCancel	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	654110.1	4187888	2.51E-07	70YrCancel	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	654130.1	4187888	2.30E-07	70YrCancel	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	654150.1	4187888	2.12E-07	70YrCancel	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	654170.1	4187888	1.96E-07	70YrCancel	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	654190.1	4187888	1.82E-07	70YrCancel	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	654210.1	4187888	1.69E-07	70YrCancel	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	654230.1	4187888	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	654250.1	4187888	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	654270.1	4187888	1.38E-07	70YrCancel	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	654290.1	4187888	1.30E-07	70YrCancel	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	654310.1	4187888	1.22E-07	70YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	654330.1	4187888	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	654350.1	4187888	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	654370.1	4187888	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	654390.1	4187888	9.80E-08	70YrCancel	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	654410.1	4187888	9.31E-08	70YrCancel	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	654430.1	4187888	8.86E-08	70YrCancel	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	654450.1	4187888	8.44E-08	70YrCancel	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	654470.1	4187888	8.06E-08	70YrCancel	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	654490.1	4187888	7.70E-08	70YrCancel	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	653690.1	4187908	2.36E-06	70YrCancel	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	653830.1	4187908	2.04E-06	70YrCancel	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	653850.1	4187908	1.61E-06	70YrCancel	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	653870.1	4187908	1.29E-06	70YrCancel	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	653890.1	4187908	1.05E-06	70YrCancel	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	653910.1	4187908	8.77E-07	70YrCancel	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	653930.1	4187908	7.40E-07	70YrCancel	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	653950.1	4187908	6.33E-07	70YrCancel	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	653970.1	4187908	5.48E-07	70YrCancel	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	653990.1	4187908	4.79E-07	70YrCancel	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	654010.1	4187908	4.23E-07	70YrCancel	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	654030.1	4187908	3.76E-07	70YrCancel	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	654050.1	4187908	3.37E-07	70YrCancel	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	654070.1	4187908	3.04E-07	70YrCancel	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	654090.1	4187908	2.76E-07	70YrCancel	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	654110.1	4187908	2.52E-07	70YrCancel	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	654130.1	4187908	2.30E-07	70YrCancel	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	654150.1	4187908	2.12E-07	70YrCancel	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	654170.1	4187908	1.96E-07	70YrCancel	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	654190.1	4187908	1.81E-07	70YrCancel	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	654210.1	4187908	1.68E-07	70YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	654230.1	4187908	1.57E-07	70YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	654250.1	4187908	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	654270.1	4187908	1.38E-07	70YrCancel	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	654290.1	4187908	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	654310.1	4187908	1.22E-07	70YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	654330.1	4187908	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	654350.1	4187908	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1212	ALL	654370.1	4187908	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	654390.1	4187908	9.74E-08	70YrCancel	9.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	654410.1	4187908	9.25E-08	70YrCancel	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	654430.1	4187908	8.80E-08	70YrCancel	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	654450.1	4187908	8.39E-08	70YrCancel	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	654470.1	4187908	8.00E-08	70YrCancel	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	654490.1	4187908	7.65E-08	70YrCancel	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	653690.1	4187928	3.55E-06	70YrCancel	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	653830.1	4187928	2.32E-06	70YrCancel	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	653850.1	4187928	1.75E-06	70YrCancel	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	653870.1	4187928	1.36E-06	70YrCancel	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	653890.1	4187928	1.09E-06	70YrCancel	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	653910.1	4187928	8.97E-07	70YrCancel	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	653930.1	4187928	7.51E-07	70YrCancel	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	653950.1	4187928	6.39E-07	70YrCancel	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	653970.1	4187928	5.51E-07	70YrCancel	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	653990.1	4187928	4.80E-07	70YrCancel	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	654010.1	4187928	4.23E-07	70YrCancel	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	654030.1	4187928	3.75E-07	70YrCancel	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	654050.1	4187928	3.36E-07	70YrCancel	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	654070.1	4187928	3.03E-07	70YrCancel	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	654090.1	4187928	2.74E-07	70YrCancel	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	654110.1	4187928	2.50E-07	70YrCancel	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	654130.1	4187928	2.29E-07	70YrCancel	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	654150.1	4187928	2.10E-07	70YrCancel	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	654170.1	4187928	1.94E-07	70YrCancel	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	654190.1	4187928	1.80E-07	70YrCancel	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	654210.1	4187928	1.67E-07	70YrCancel	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	654230.1	4187928	1.56E-07	70YrCancel	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	654250.1	4187928	1.45E-07	70YrCancel	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	654270.1	4187928	1.36E-07	70YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	654290.1	4187928	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	654310.1	4187928	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	654330.1	4187928	1.14E-07	70YrCancel	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	654350.1	4187928	1.07E-07	70YrCancel	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	654370.1	4187928	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	654390.1	4187928	9.65E-08	70YrCancel	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	654410.1	4187928	9.17E-08	70YrCancel	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	654430.1	4187928	8.73E-08	70YrCancel	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	654450.1	4187928	8.32E-08	70YrCancel	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	654470.1	4187928	7.94E-08	70YrCancel	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	654490.1	4187928	7.58E-08	70YrCancel	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	653690.1	4187948	5.65E-06	70YrCancel	5.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	653830.1	4187948	2.43E-06	70YrCancel	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	653850.1	4187948	1.78E-06	70YrCancel	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	653870.1	4187948	1.37E-06	70YrCancel	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	653890.1	4187948	1.09E-06	70YrCancel	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	653910.1	4187948	8.90E-07	70YrCancel	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	653930.1	4187948	7.43E-07	70YrCancel	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	653950.1	4187948	6.31E-07	70YrCancel	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	653970.1	4187948	5.43E-07	70YrCancel	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	653990.1	4187948	4.73E-07	70YrCancel	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	654010.1	4187948	4.16E-07	70YrCancel	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	654030.1	4187948	3.70E-07	70YrCancel	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	654050.1	4187948	3.31E-07	70YrCancel	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	654070.1	4187948	2.98E-07	70YrCancel	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	654090.1	4187948	2.70E-07	70YrCancel	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	654110.1	4187948	2.46E-07	70YrCancel	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	654130.1	4187948	2.25E-07	70YrCancel	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	654150.1	4187948	2.07E-07	70YrCancel	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	654170.1	4187948	1.91E-07	70YrCancel	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	654190.1	4187948	1.77E-07	70YrCancel	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL	654210.1	4187948	1.65E-07	70YrCancel	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	654230.1	4187948	1.54E-07	70YrCancel	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	654250.1	4187948	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	654270.1	4187948	1.35E-07	70YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	654290.1	4187948	1.27E-07	70YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	654310.1	4187948	1.19E-07	70YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	654330.1	4187948	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	654350.1	4187948	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	654370.1	4187948	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	654390.1	4187948	9.56E-08	70YrCancel	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	654410.1	4187948	9.08E-08	70YrCancel	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	654430.1	4187948	8.64E-08	70YrCancel	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	654450.1	4187948	8.24E-08	70YrCancel	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	654470.1	4187948	7.86E-08	70YrCancel	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	654490.1	4187948	7.51E-08	70YrCancel	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	653690.1	4187968	6.94E-06	70YrCancel	6.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	653830.1	4187968	2.30E-06	70YrCancel	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	653850.1	4187968	1.69E-06	70YrCancel	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	653870.1	4187968	1.31E-06	70YrCancel	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	653890.1	4187968	1.04E-06	70YrCancel	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	653910.1	4187968	8.57E-07	70YrCancel	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	653930.1	4187968	7.17E-07	70YrCancel	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	653950.1	4187968	6.10E-07	70YrCancel	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	653970.1	4187968	5.26E-07	70YrCancel	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	653990.1	4187968	4.60E-07	70YrCancel	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	654010.1	4187968	4.05E-07	70YrCancel	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	654030.1	4187968	3.61E-07	70YrCancel	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	654050.1	4187968	3.23E-07	70YrCancel	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	654070.1	4187968	2.91E-07	70YrCancel	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	654090.1	4187968	2.64E-07	70YrCancel	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	654110.1	4187968	2.41E-07	70YrCancel	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	654130.1	4187968	2.21E-07	70YrCancel	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	654150.1	4187968	2.03E-07	70YrCancel	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	654170.1	4187968	1.88E-07	70YrCancel	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	654190.1	4187968	1.74E-07	70YrCancel	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	654210.1	4187968	1.62E-07	70YrCancel	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	654230.1	4187968	1.51E-07	70YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	654250.1	4187968	1.42E-07	70YrCancel	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	654270.1	4187968	1.33E-07	70YrCancel	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1313	ALL	654290.1	4187968	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	654310.1	4187968	1.18E-07	70YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	654330.1	4187968	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	654350.1	4187968	1.05E-07	70YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	654370.1	4187968	9.95E-08	70YrCancel	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	654390.1	4187968	9.45E-08	70YrCancel	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	654410.1	4187968	8.98E-08	70YrCancel	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	654430.1	4187968	8.55E-08	70YrCancel	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	654450.1	4187968	8.15E-08	70YrCancel	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	654470.1	4187968	7.78E-08	70YrCancel	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	654490.1	4187968	7.44E-08	70YrCancel	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	653690.1	4187988	5.97E-06	70YrCancel	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	653830.1	4187988	1.92E-06	70YrCancel	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	653850.1	4187988	1.48E-06	70YrCancel	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	653870.1	4187988	1.17E-06	70YrCancel	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	653890.1	4187988	9.55E-07	70YrCancel	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	653910.1	4187988	7.94E-07	70YrCancel	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	653930.1	4187988	6.71E-07	70YrCancel	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	653950.1	4187988	5.76E-07	70YrCancel	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	653970.1	4187988	5.00E-07	70YrCancel	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	653990.1	4187988	4.39E-07	70YrCancel	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	654010.1	4187988	3.89E-07	70YrCancel	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	654030.1	4187988	3.47E-07	70YrCancel	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	654050.1	4187988	3.12E-07	70YrCancel	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	654070.1	4187988	2.82E-07	70YrCancel	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	654090.1	4187988	2.57E-07	70YrCancel	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	654110.1	4187988	2.35E-07	70YrCancel	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	654130.1	4187988	2.16E-07	70YrCancel	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	654150.1	4187988	1.99E-07	70YrCancel	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	654170.1	4187988	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL	654190.1	4187988	1.71E-07	70YrCancel	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	654210.1	4187988	1.59E-07	70YrCancel	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	654230.1	4187988	1.48E-07	70YrCancel	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	654250.1	4187988	1.39E-07	70YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	654270.1	4187988	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	654290.1	4187988	1.23E-07	70YrCancel	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	654310.1	4187988	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	654330.1	4187988	1.09E-07	70YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	654350.1	4187988	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	654370.1	4187988	9.82E-08	70YrCancel	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	654390.1	4187988	9.32E-08	70YrCancel	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	654410.1	4187988	8.87E-08	70YrCancel	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	654430.1	4187988	8.44E-08	70YrCancel	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	654450.1	4187988	8.05E-08	70YrCancel	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	654470.1	4187988	7.69E-08	70YrCancel	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	654490.1	4187988	7.36E-08	70YrCancel	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	653655.1	4187975	3.67E-06	70YrCancel	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	653791.2	4188025	1.60E-06	70YrCancel	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	653828	4188054	7.55E-07	70YrCancel	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	653851.7	4188037	8.21E-07	70YrCancel	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	653905.3	4188036	5.84E-07	70YrCancel	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	653749.8	4188104	5.70E-07	70YrCancel	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL	653938.3	4188030	4.99E-07	70YrCancel	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	653988.6	4188028	3.78E-07	70YrCancel	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	654041.4	4188038	2.77E-07	70YrCancel	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	653989.9	4188052	3.30E-07	70YrCancel	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	653634	4187869	8.03E-07	70YrCancel	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	653624.7	4187963	1.90E-06	70YrCancel	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	653582.9	4187962	1.07E-06	70YrCancel	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	653701.2	4188101	6.84E-07	70YrCancel	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	654582.9	4187495	5.43E-08	70YrCancel	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	654554.3	4187451	5.41E-08	70YrCancel	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	654607.7	4187450	5.02E-08	70YrCancel	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	654492.6	4186914	2.61E-08	70YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	654507.1	4186911	2.59E-08	70YrCancel	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	654509.1	4186964	2.80E-08	70YrCancel	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	653809.3	4186920	2.80E-08	70YrCancel	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	654342.3	4186819	2.54E-08	70YrCancel	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	655092.5	4187198	2.43E-08	70YrCancel	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	654238.7	4186303	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	655153.1	4188271	2.15E-08	70YrCancel	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	653689.1	4188009	5.71E-06	70YrCancel	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	653683.7	4188032	2.85E-06	70YrCancel	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	653706.1	4188038	2.15E-06	70YrCancel	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	653679.4	4188057	1.60E-06	70YrCancel	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	653658.8	4188047	1.95E-06	70YrCancel	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL	653703	4188063	1.26E-06	70YrCancel	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL	653675.6	4188081	1.02E-06	70YrCancel	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL	653653.7	4188071	1.26E-06	70YrCancel	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL	653699.9	4188088	8.31E-07	70YrCancel	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL	653668.6	4188130	5.15E-07	70YrCancel	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL	653645.1	4188120	6.22E-07	70YrCancel	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL	653621.6	4188109	7.10E-07	70YrCancel	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	ALL	653693.7	4188138	4.43E-07	70YrCancel	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL	653663.2	4188180	3.11E-07	70YrCancel	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL	653641.3	4188170	3.59E-07	70YrCancel	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL	653619.3	4188160	4.09E-07	70YrCancel	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL	653597.4	4188150	4.50E-07	70YrCancel	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL	653575.4	4188140	4.69E-07	70YrCancel	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL	653687.5	4188187	2.79E-07	70YrCancel	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL	653656.5	4188230	2.12E-07	70YrCancel	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL	653633.7	4188219	2.40E-07	70YrCancel	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL	653610.8	4188209	2.70E-07	70YrCancel	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL	653587.9	4188198	2.98E-07	70YrCancel	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL	653565.1	4188188	3.20E-07	70YrCancel	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL	653542.2	4188177	3.31E-07	70YrCancel	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL	653681.2	4188237	1.93E-07	70YrCancel	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL	653650	4188279	1.54E-07	70YrCancel	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL	653626.5	4188268	1.72E-07	70YrCancel	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL	653603	4188258	1.91E-07	70YrCancel	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL	653579.4	4188247	2.10E-07	70YrCancel	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1414	ALL	653555.9	4188236	2.28E-07	70YrCancer	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL	653532.4	4188225	2.41E-07	70YrCancer	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL	653508.9	4188214	2.47E-07	70YrCancer	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL	653675	4188286	1.43E-07	70YrCancer	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL	653643.6	4188329	1.18E-07	70YrCancer	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL	653619.5	4188318	1.30E-07	70YrCancer	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL	653595.5	4188307	1.43E-07	70YrCancer	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL	653571.5	4188296	1.57E-07	70YrCancer	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL	653547.5	4188285	1.69E-07	70YrCancer	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL	653523.5	4188274	1.80E-07	70YrCancer	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL	653499.5	4188262	1.89E-07	70YrCancer	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL	653475.5	4188251	1.93E-07	70YrCancer	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL	653668.8	4188336	1.11E-07	70YrCancer	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL	653631.4	4188428	7.62E-08	70YrCancer	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL	653607.9	4188417	8.18E-08	70YrCancer	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL	653584.3	4188406	8.82E-08	70YrCancer	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL	653560.8	4188396	9.51E-08	70YrCancer	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL	653537.3	4188385	1.02E-07	70YrCancer	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL	653513.8	4188374	1.09E-07	70YrCancer	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL	653490.3	4188363	1.15E-07	70YrCancer	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL	653466.7	4188352	1.20E-07	70YrCancer	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL	653443.2	4188341	1.25E-07	70YrCancer	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL	653419.7	4188331	1.28E-07	70YrCancer	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL	653656.4	4188435	7.27E-08	70YrCancer	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL	653618.6	4188527	5.40E-08	70YrCancer	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL	653594.5	4188516	5.71E-08	70YrCancer	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL	653570.3	4188505	6.09E-08	70YrCancer	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	ALL	653546.2	4188494	6.50E-08	70YrCancer	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL	653522	4188483	6.93E-08	70YrCancer	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL	653497.9	4188472	7.35E-08	70YrCancer	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL	653473.8	4188460	7.74E-08	70YrCancer	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL	653449.6	4188449	8.11E-08	70YrCancer	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL	653425.5	4188438	8.46E-08	70YrCancer	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL	653401.3	4188427	8.78E-08	70YrCancer	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL	653377.2	4188416	9.05E-08	70YrCancer	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL	653353	4188405	9.21E-08	70YrCancer	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL	653644	4188534	5.20E-08	70YrCancer	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL	653606.4	4188626	4.06E-08	70YrCancer	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL	653582.6	4188616	4.25E-08	70YrCancer	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL	653558.8	4188605	4.47E-08	70YrCancer	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL	653535.1	4188594	4.72E-08	70YrCancer	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL	653511.3	4188583	4.99E-08	70YrCancer	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	ALL	653487.5	4188572	5.26E-08	70YrCancer	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	653463.7	4188561	5.53E-08	70YrCancer	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	653439.9	4188550	5.78E-08	70YrCancer	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	653416.1	4188539	6.02E-08	70YrCancer	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	653392.4	4188528	6.25E-08	70YrCancer	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	653368.6	4188517	6.47E-08	70YrCancer	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	653344.8	4188506	6.68E-08	70YrCancer	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	653321	4188495	6.86E-08	70YrCancer	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	653297.2	4188484	6.99E-08	70YrCancer	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	653273.5	4188473	7.04E-08	70YrCancer	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	653631.6	4188634	3.94E-08	70YrCancer	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	653593.8	4188726	3.18E-08	70YrCancer	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	653569.6	4188714	3.31E-08	70YrCancer	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	653545.3	4188703	3.46E-08	70YrCancer	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	653521.1	4188692	3.63E-08	70YrCancer	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	653496.9	4188681	3.81E-08	70YrCancer	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	653472.7	4188670	4.00E-08	70YrCancer	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	653448.5	4188659	4.19E-08	70YrCancer	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	653424.3	4188648	4.38E-08	70YrCancer	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	653400.1	4188636	4.56E-08	70YrCancer	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	653375.9	4188625	4.73E-08	70YrCancer	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	653351.6	4188614	4.88E-08	70YrCancer	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	653327.4	4188603	5.04E-08	70YrCancer	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	653303.2	4188592	5.19E-08	70YrCancer	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	653279	4188581	5.33E-08	70YrCancer	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	653254.8	4188570	5.46E-08	70YrCancer	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	653230.6	4188558	5.54E-08	70YrCancer	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	653206.4	4188547	5.58E-08	70YrCancer	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	653619.1	4188733	3.11E-08	70YrCancer	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	653581.5	4188825	2.58E-08	70YrCancer	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	653557.6	4188814	2.66E-08	70YrCancer	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL	653533.6	4188803	2.77E-08	70YrCancer	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	653509.7	4188792	2.88E-08	70YrCancer	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	653485.8	4188781	3.01E-08	70YrCancer	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	653461.9	4188770	3.14E-08	70YrCancer	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	653438	4188759	3.27E-08	70YrCancer	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	653414	4188748	3.41E-08	70YrCancer	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	653390.1	4188737	3.55E-08	70YrCancer	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	653366.2	4188726	3.67E-08	70YrCancer	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	653342.3	4188715	3.79E-08	70YrCancer	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	653318.3	4188704	3.91E-08	70YrCancer	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	653294.4	4188693	4.01E-08	70YrCancer	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	653270.5	4188682	4.12E-08	70YrCancer	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	653246.6	4188671	4.23E-08	70YrCancer	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	653222.6	4188660	4.34E-08	70YrCancer	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	653198.7	4188649	4.43E-08	70YrCancer	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	653174.8	4188638	4.50E-08	70YrCancer	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	653150.9	4188627	4.54E-08	70YrCancer	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	653606.7	4188832	2.53E-08	70YrCancer	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	653550.3	4189073	1.67E-08	70YrCancer	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	653526.2	4189062	1.71E-08	70YrCancer	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	653502	4189051	1.76E-08	70YrCancer	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	653477.9	4189040	1.81E-08	70YrCancer	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	653453.7	4189028	1.88E-08	70YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	653429.6	4189017	1.94E-08	70YrCancer	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL	653405.4	4189006	2.01E-08	70YrCancer	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	653381.3	4188995	2.07E-08	70YrCancer	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	653357.1	4188984	2.14E-08	70YrCancer	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	653333	4188973	2.21E-08	70YrCancer	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1515	ALL	653308.8	4188962	2.28E-08	70YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	653284.7	4188951	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	653260.5	4188940	2.42E-08	70YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	653236.4	4188928	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	653212.2	4188917	2.53E-08	70YrCancel	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	653188.1	4188906	2.59E-08	70YrCancel	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	653164	4188895	2.64E-08	70YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	653139.8	4188884	2.70E-08	70YrCancel	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	653115.7	4188873	2.75E-08	70YrCancel	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	653091.5	4188862	2.81E-08	70YrCancel	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	653067.4	4188851	2.86E-08	70YrCancel	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	653043.2	4188839	2.91E-08	70YrCancel	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	653019.1	4188828	2.95E-08	70YrCancel	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	652994.9	4188817	2.98E-08	70YrCancel	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	652970.8	4188806	2.99E-08	70YrCancel	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	653575.7	4189080	1.65E-08	70YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	653519.4	4189321	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	653495.5	4189310	1.21E-08	70YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	653471.6	4189299	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	653447.7	4189288	1.26E-08	70YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL	653423.8	4189277	1.30E-08	70YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	653399.9	4189266	1.33E-08	70YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	653376	4189255	1.37E-08	70YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	653352.1	4189244	1.41E-08	70YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	653328.2	4189233	1.44E-08	70YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	653304.3	4189222	1.48E-08	70YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	653280.4	4189211	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	653256.5	4189200	1.56E-08	70YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	653232.6	4189189	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	653208.7	4189178	1.64E-08	70YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	653184.8	4189167	1.68E-08	70YrCancel	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	653160.9	4189156	1.72E-08	70YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL	653137	4189145	1.76E-08	70YrCancel	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL	653113.1	4189134	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL	653089.2	4189123	1.82E-08	70YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL	653065.3	4189112	1.85E-08	70YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL	653041.4	4189101	1.88E-08	70YrCancel	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL	653017.5	4189090	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL	652993.6	4189079	1.94E-08	70YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL	652969.7	4189068	1.98E-08	70YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL	652945.8	4189057	2.01E-08	70YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL	652921.9	4189046	2.04E-08	70YrCancel	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL	652898	4189035	2.07E-08	70YrCancel	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL	652874.1	4189024	2.10E-08	70YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL	652850.2	4189013	2.12E-08	70YrCancel	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL	652826.3	4189002	2.13E-08	70YrCancel	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL	652802.4	4188991	2.14E-08	70YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL	653544.6	4189328	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL	653488.3	4189569	8.97E-09	70YrCancel	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL	653464.2	4189558	9.08E-09	70YrCancel	9.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL	653440.1	4189547	9.22E-09	70YrCancel	9.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL	653416.1	4189536	9.39E-09	70YrCancel	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL	653392	4189525	9.60E-09	70YrCancel	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL	653368	4189514	9.83E-09	70YrCancel	9.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL	653343.9	4189503	1.01E-08	70YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL	653319.9	4189492	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL	653295.8	4189480	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL	653271.7	4189469	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL	653247.7	4189458	1.10E-08	70YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL	653223.6	4189447	1.13E-08	70YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL	653199.6	4189436	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	ALL	653175.5	4189425	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL	653151.4	4189414	1.20E-08	70YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL	653127.4	4189403	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL	653103.3	4189392	1.26E-08	70YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL	653079.3	4189381	1.28E-08	70YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL	653055.2	4189370	1.31E-08	70YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL	653031.2	4189359	1.33E-08	70YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL	653007.1	4189348	1.35E-08	70YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL	652983	4189337	1.37E-08	70YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL	652959	4189325	1.39E-08	70YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL	652934.9	4189314	1.41E-08	70YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL	652910.9	4189303	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL	652886.8	4189292	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL	652862.8	4189281	1.47E-08	70YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL	652838.7	4189270	1.49E-08	70YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL	652814.6	4189259	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL	652790.6	4189248	1.53E-08	70YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL	652766.5	4189237	1.55E-08	70YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL	652742.5	4189226	1.57E-08	70YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL	652718.4	4189215	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL	652694.4	4189204	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL	652670.3	4189193	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL	652646.2	4189181	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL	653513.5	4189576	8.91E-09	70YrCancel	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL	653457.1	4189817	7.06E-09	70YrCancel	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL	653433	4189806	7.12E-09	70YrCancel	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL	653408.8	4189795	7.21E-09	70YrCancel	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL	653384.6	4189784	7.32E-09	70YrCancel	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL	653360.4	4189773	7.45E-09	70YrCancel	7.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL	653336.3	4189761	7.60E-09	70YrCancel	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL	653312.1	4189750	7.76E-09	70YrCancel	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL	653287.9	4189739	7.93E-09	70YrCancel	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL	653263.8	4189728	8.10E-09	70YrCancel	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL	653239.6	4189717	8.27E-09	70YrCancel	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL	653215.4	4189706	8.43E-09	70YrCancel	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL	653191.2	4189695	8.59E-09	70YrCancel	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL	653167.1	4189684	8.74E-09	70YrCancel	8.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL	653142.9	4189672	8.90E-09	70YrCancel	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL	653118.7	4189661	9.07E-09	70YrCancel	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL	653094.5	4189650	9.24E-09	70YrCancel	9.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1616	ALL	653070.4	4189639	9.43E-09	70YrCancel	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL	653046.2	4189628	9.62E-09	70YrCancel	9.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL	653022	4189617	9.81E-09	70YrCancel	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL	652997.8	4189606	1.00E-08	70YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL	652973.7	4189595	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	ALL	652949.5	4189583	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL	652925.3	4189572	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL	652901.1	4189561	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL	652877	4189550	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL	652852.8	4189539	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL	652828.6	4189528	1.10E-08	70YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL	652804.4	4189517	1.11E-08	70YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL	652780.3	4189506	1.13E-08	70YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL	652756.1	4189494	1.14E-08	70YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL	652731.9	4189483	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL	652707.7	4189472	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL	652683.6	4189461	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL	652659.4	4189450	1.20E-08	70YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL	652635.2	4189439	1.21E-08	70YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL	652611	4189428	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL	652586.9	4189416	1.24E-08	70YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL	652562.7	4189405	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL	652538.5	4189394	1.26E-08	70YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	652514.4	4189383	1.27E-08	70YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	652490.2	4189372	1.28E-08	70YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	652466	4189361	1.28E-08	70YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	653482.5	4189824	7.03E-09	70YrCancel	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	653395.1	4190313	4.77E-09	70YrCancel	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	653371	4190302	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	653346.9	4190291	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	653322.7	4190280	4.88E-09	70YrCancel	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	653298.6	4190269	4.94E-09	70YrCancel	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	653274.5	4190258	5.01E-09	70YrCancel	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	653250.4	4190247	5.09E-09	70YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	653226.3	4190236	5.17E-09	70YrCancel	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	653202.2	4190224	5.27E-09	70YrCancel	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	653178.1	4190213	5.36E-09	70YrCancel	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	653154	4190202	5.45E-09	70YrCancel	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	653129.9	4190191	5.54E-09	70YrCancel	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	653105.8	4190180	5.63E-09	70YrCancel	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	653081.7	4190169	5.71E-09	70YrCancel	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	653057.6	4190158	5.80E-09	70YrCancel	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	653033.5	4190147	5.87E-09	70YrCancel	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	653009.4	4190136	5.95E-09	70YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	652985.2	4190125	6.03E-09	70YrCancel	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	652961.1	4190113	6.12E-09	70YrCancel	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	652937	4190102	6.21E-09	70YrCancel	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	652912.9	4190091	6.30E-09	70YrCancel	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	652888.8	4190080	6.40E-09	70YrCancel	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	652864.7	4190069	6.51E-09	70YrCancel	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	652840.6	4190058	6.62E-09	70YrCancel	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	652816.5	4190047	6.72E-09	70YrCancel	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	652792.4	4190036	6.82E-09	70YrCancel	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	652768.3	4190025	6.92E-09	70YrCancel	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	652744.2	4190014	7.01E-09	70YrCancel	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	652720.1	4190003	7.09E-09	70YrCancel	7.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	652696	4189991	7.16E-09	70YrCancel	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	652671.9	4189980	7.23E-09	70YrCancel	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	652647.8	4189969	7.29E-09	70YrCancel	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	652623.6	4189958	7.36E-09	70YrCancel	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	652599.5	4189947	7.42E-09	70YrCancel	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	652575.4	4189936	7.48E-09	70YrCancel	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	652551.3	4189925	7.55E-09	70YrCancel	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL	652527.2	4189914	7.61E-09	70YrCancel	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	652503.1	4189903	7.69E-09	70YrCancel	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	652479	4189892	7.76E-09	70YrCancel	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	652454.9	4189880	7.84E-09	70YrCancel	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	652430.8	4189869	7.92E-09	70YrCancel	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	652406.7	4189858	8.00E-09	70YrCancel	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	652382.6	4189847	8.08E-09	70YrCancel	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	652358.5	4189836	8.16E-09	70YrCancel	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	652334.4	4189825	8.24E-09	70YrCancel	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	652310.3	4189814	8.31E-09	70YrCancel	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	652286.1	4189803	8.39E-09	70YrCancel	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	652262	4189792	8.46E-09	70YrCancel	8.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	652237.9	4189781	8.52E-09	70YrCancel	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	652213.8	4189769	8.58E-09	70YrCancel	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	652189.7	4189758	8.63E-09	70YrCancel	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	652165.6	4189747	8.66E-09	70YrCancel	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	652141.5	4189736	8.69E-09	70YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	653420.4	4190320	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	653332.9	4190809	3.49E-09	70YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	653308.6	4190798	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	653284.4	4190787	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	653260.1	4190776	3.54E-09	70YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	653235.9	4190765	3.56E-09	70YrCancel	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	653211.6	4190754	3.60E-09	70YrCancel	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	653187.4	4190742	3.64E-09	70YrCancel	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	653163.1	4190731	3.69E-09	70YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	653138.9	4190720	3.74E-09	70YrCancel	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	653114.6	4190709	3.80E-09	70YrCancel	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	653090.4	4190698	3.86E-09	70YrCancel	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	653066.1	4190687	3.92E-09	70YrCancel	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	653041.9	4190675	3.98E-09	70YrCancel	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	653017.6	4190664	4.03E-09	70YrCancel	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	652993.4	4190653	4.09E-09	70YrCancel	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	652969.1	4190642	4.14E-09	70YrCancel	4.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	652944.9	4190631	4.19E-09	70YrCancel	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	652920.6	4190620	4.24E-09	70YrCancel	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	652896.4	4190608	4.28E-09	70YrCancel	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	652872.1	4190597	4.33E-09	70YrCancel	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1717	ALL	652847.9	4190586	4.37E-09	70YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	652823.6	4190575	4.42E-09	70YrCancel	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	652799.4	4190564	4.47E-09	70YrCancel	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	652775.1	4190553	4.52E-09	70YrCancel	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	652750.9	4190541	4.58E-09	70YrCancel	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	652726.6	4190530	4.64E-09	70YrCancel	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	652702.4	4190519	4.70E-09	70YrCancel	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	652678.1	4190508	4.77E-09	70YrCancel	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	652653.9	4190497	4.84E-09	70YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	652629.6	4190486	4.90E-09	70YrCancel	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL	652605.4	4190474	4.97E-09	70YrCancel	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL	652581.1	4190463	5.03E-09	70YrCancel	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	ALL	652556.9	4190452	5.09E-09	70YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL	652532.6	4190441	5.14E-09	70YrCancel	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL	652508.4	4190430	5.19E-09	70YrCancel	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL	652484.1	4190419	5.23E-09	70YrCancel	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL	652459.9	4190407	5.27E-09	70YrCancel	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL	652435.6	4190396	5.31E-09	70YrCancel	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL	652411.4	4190385	5.35E-09	70YrCancel	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL	652387.1	4190374	5.38E-09	70YrCancel	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL	652362.9	4190363	5.42E-09	70YrCancel	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL	652338.6	4190352	5.45E-09	70YrCancel	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL	652314.4	4190340	5.49E-09	70YrCancel	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL	652290.1	4190329	5.53E-09	70YrCancel	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL	652265.9	4190318	5.57E-09	70YrCancel	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL	652241.6	4190307	5.62E-09	70YrCancel	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL	652217.4	4190296	5.66E-09	70YrCancel	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL	652193.1	4190285	5.71E-09	70YrCancel	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL	652168.9	4190274	5.76E-09	70YrCancel	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL	652144.6	4190262	5.80E-09	70YrCancel	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL	652120.4	4190251	5.85E-09	70YrCancel	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL	652096.1	4190240	5.90E-09	70YrCancel	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL	652071.9	4190229	5.95E-09	70YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL	652047.6	4190218	6.00E-09	70YrCancel	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL	652023.4	4190207	6.04E-09	70YrCancel	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL	651999.1	4190195	6.09E-09	70YrCancel	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL	651974.9	4190184	6.14E-09	70YrCancel	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL	651950.6	4190173	6.18E-09	70YrCancel	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL	651926.4	4190162	6.22E-09	70YrCancel	6.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	ALL	651902.1	4190151	6.26E-09	70YrCancel	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL	651877.9	4190140	6.29E-09	70YrCancel	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL	651853.6	4190128	6.32E-09	70YrCancel	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL	651829.4	4190117	6.34E-09	70YrCancel	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL	651805.1	4190106	6.36E-09	70YrCancel	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL	653358.3	4190817	3.49E-09	70YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL	653270.8	4191305	2.69E-09	70YrCancel	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL	653246.6	4191294	2.69E-09	70YrCancel	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL	653222.4	4191283	2.70E-09	70YrCancel	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL	653198.2	4191272	2.71E-09	70YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL	653174	4191261	2.72E-09	70YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL	653149.8	4191250	2.74E-09	70YrCancel	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL	653125.7	4191239	2.77E-09	70YrCancel	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL	653101.5	4191228	2.79E-09	70YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL	653077.3	4191216	2.83E-09	70YrCancel	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL	653053.1	4191205	2.86E-09	70YrCancel	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL	653028.9	4191194	2.90E-09	70YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL	653004.7	4191183	2.94E-09	70YrCancel	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL	652980.5	4191172	2.98E-09	70YrCancel	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL	652956.3	4191161	3.02E-09	70YrCancel	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL	652932.1	4191150	3.06E-09	70YrCancel	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL	652907.9	4191138	3.10E-09	70YrCancel	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL	652883.7	4191127	3.13E-09	70YrCancel	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL	652859.6	4191116	3.17E-09	70YrCancel	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL	652835.4	4191105	3.20E-09	70YrCancel	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL	652811.2	4191094	3.23E-09	70YrCancel	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL	652787	4191083	3.26E-09	70YrCancel	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL	652762.8	4191072	3.29E-09	70YrCancel	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL	652738.6	4191060	3.32E-09	70YrCancel	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL	652714.4	4191049	3.34E-09	70YrCancel	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL	652690.2	4191038	3.37E-09	70YrCancel	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL	652666	4191027	3.40E-09	70YrCancel	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL	652641.8	4191016	3.43E-09	70YrCancel	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL	652617.6	4191005	3.47E-09	70YrCancel	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL	652593.4	4190994	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL	652569.3	4190983	3.54E-09	70YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL	652545.1	4190971	3.58E-09	70YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL	652520.9	4190960	3.63E-09	70YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL	652496.7	4190949	3.67E-09	70YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL	652472.5	4190938	3.72E-09	70YrCancel	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL	652448.3	4190927	3.76E-09	70YrCancel	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL	652424.1	4190916	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL	652399.9	4190905	3.85E-09	70YrCancel	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL	652375.7	4190893	3.89E-09	70YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL	652351.5	4190882	3.93E-09	70YrCancel	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	ALL	652327.3	4190871	3.96E-09	70YrCancel	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL	652303.2	4190860	3.99E-09	70YrCancel	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL	652279	4190849	4.02E-09	70YrCancel	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL	652254.8	4190838	4.05E-09	70YrCancel	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL	652230.6	4190827	4.07E-09	70YrCancel	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL	652206.4	4190815	4.09E-09	70YrCancel	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL	652182.2	4190804	4.12E-09	70YrCancel	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL	652158	4190793	4.14E-09	70YrCancel	4.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL	652133.8	4190782	4.16E-09	70YrCancel	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL	652109.6	4190771	4.18E-09	70YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL	652085.4	4190760	4.21E-09	70YrCancel	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL	652061.2	4190749	4.23E-09	70YrCancel	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL	652037	4190738	4.26E-09	70YrCancel	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL	652012.9	4190726	4.28E-09	70YrCancel	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL	651988.7	4190715	4.31E-09	70YrCancel	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL	651964.5	4190704	4.34E-09	70YrCancel	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL	651940.3	4190693	4.37E-09	70YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1818	ALL	651916.1	4190682	4.40E-09	70YrCancel	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL	651891.9	4190671	4.43E-09	70YrCancel	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL	651867.7	4190660	4.46E-09	70YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL	651843.5	4190648	4.50E-09	70YrCancel	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL	651819.3	4190637	4.53E-09	70YrCancel	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL	651795.1	4190626	4.56E-09	70YrCancel	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL	651770.9	4190615	4.59E-09	70YrCancel	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL	651746.8	4190604	4.62E-09	70YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL	651722.6	4190593	4.65E-09	70YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL	651698.4	4190582	4.68E-09	70YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL	651674.2	4190570	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL	651650	4190559	4.74E-09	70YrCancel	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL	651625.8	4190548	4.77E-09	70YrCancel	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL	651601.6	4190537	4.79E-09	70YrCancel	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL	651577.4	4190526	4.82E-09	70YrCancel	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL	651553.2	4190515	4.84E-09	70YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL	651529	4190504	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL	651504.8	4190493	4.88E-09	70YrCancel	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL	651480.7	4190481	4.89E-09	70YrCancel	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL	651456.5	4190470	4.89E-09	70YrCancel	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL	653296.2	4191313	2.69E-09	70YrCancel	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL	653208.7	4191802	2.15E-09	70YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL	653184.6	4191791	2.15E-09	70YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL	653160.4	4191779	2.15E-09	70YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL	653136.3	4191768	2.16E-09	70YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL	653112.1	4191757	2.17E-09	70YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL	653088	4191746	2.18E-09	70YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL	653063.8	4191735	2.19E-09	70YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	ALL	653039.7	4191724	2.21E-09	70YrCancel	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL	653015.5	4191713	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL	652991.4	4191702	2.25E-09	70YrCancel	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL	652967.2	4191690	2.27E-09	70YrCancel	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL	652943.1	4191679	2.30E-09	70YrCancel	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL	652918.9	4191668	2.33E-09	70YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL	652894.8	4191657	2.36E-09	70YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL	652870.6	4191646	2.39E-09	70YrCancel	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL	652846.5	4191635	2.42E-09	70YrCancel	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL	652822.4	4191624	2.44E-09	70YrCancel	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL	652798.2	4191613	2.47E-09	70YrCancel	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL	652774.1	4191602	2.50E-09	70YrCancel	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL	652749.9	4191590	2.52E-09	70YrCancel	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL	652725.8	4191579	2.55E-09	70YrCancel	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL	652701.6	4191568	2.57E-09	70YrCancel	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL	652677.5	4191557	2.59E-09	70YrCancel	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL	652653.3	4191546	2.61E-09	70YrCancel	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL	652629.2	4191535	2.63E-09	70YrCancel	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL	652605	4191524	2.64E-09	70YrCancel	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL	652580.9	4191513	2.66E-09	70YrCancel	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL	652556.7	4191501	2.68E-09	70YrCancel	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL	652532.6	4191490	2.70E-09	70YrCancel	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL	652508.4	4191479	2.72E-09	70YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL	652484.3	4191468	2.74E-09	70YrCancel	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL	652460.1	4191457	2.76E-09	70YrCancel	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL	652436	4191446	2.79E-09	70YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL	652411.8	4191435	2.81E-09	70YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL	652387.7	4191424	2.84E-09	70YrCancel	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL	652363.5	4191413	2.87E-09	70YrCancel	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL	652339.4	4191401	2.90E-09	70YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL	652315.2	4191390	2.93E-09	70YrCancel	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL	652291.1	4191379	2.96E-09	70YrCancel	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL	652266.9	4191368	3.00E-09	70YrCancel	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL	652242.8	4191357	3.03E-09	70YrCancel	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL	652218.7	4191346	3.06E-09	70YrCancel	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL	652194.5	4191335	3.09E-09	70YrCancel	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL	652170.4	4191324	3.12E-09	70YrCancel	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL	652146.2	4191313	3.14E-09	70YrCancel	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL	652122.1	4191301	3.17E-09	70YrCancel	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL	652097.9	4191290	3.19E-09	70YrCancel	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL	652073.8	4191279	3.21E-09	70YrCancel	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL	652049.6	4191268	3.23E-09	70YrCancel	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL	652025.5	4191257	3.24E-09	70YrCancel	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL	652001.3	4191246	3.26E-09	70YrCancel	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL	651977.2	4191235	3.27E-09	70YrCancel	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891	ALL	651953	4191224	3.29E-09	70YrCancel	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL	651928.9	4191212	3.30E-09	70YrCancel	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL	651904.7	4191201	3.32E-09	70YrCancel	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL	651880.6	4191190	3.33E-09	70YrCancel	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL	651856.4	4191179	3.35E-09	70YrCancel	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL	651832.3	4191168	3.37E-09	70YrCancel	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL	651808.1	4191157	3.38E-09	70YrCancel	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL	651784	4191146	3.40E-09	70YrCancel	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL	651759.8	4191135	3.42E-09	70YrCancel	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL	651735.7	4191124	3.44E-09	70YrCancel	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL	651711.5	4191112	3.46E-09	70YrCancel	3.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL	651687.4	4191101	3.48E-09	70YrCancel	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL	651663.2	4191090	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL	651639.1	4191079	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL	651615	4191068	3.54E-09	70YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL	651590.8	4191057	3.56E-09	70YrCancel	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL	651566.7	4191046	3.58E-09	70YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL	651542.5	4191035	3.60E-09	70YrCancel	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL	651518.4	4191023	3.63E-09	70YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL	651494.2	4191012	3.65E-09	70YrCancel	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL	651470.1	4191001	3.67E-09	70YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL	651445.9	4190990	3.69E-09	70YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL	651421.8	4190979	3.71E-09	70YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL	651397.6	4190968	3.73E-09	70YrCancel	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL	651373.5	4190957	3.75E-09	70YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL	651349.3	4190946	3.77E-09	70YrCancel	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL	651325.2	4190935	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL	651301	4190923	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1919	ALL	651276.9	4190912	3.83E-09	70YrCancel	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL	651252.7	4190901	3.85E-09	70YrCancel	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL	651228.6	4190890	3.87E-09	70YrCancel	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL	651204.4	4190879	3.88E-09	70YrCancel	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL	651180.3	4190868	3.89E-09	70YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL	651156.1	4190857	3.90E-09	70YrCancel	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL	651132	4190846	3.91E-09	70YrCancel	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL	653234.1	4191809	2.15E-09	70YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL	653712.3	4188014	4.12E-06	70YrCancel	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL	653736.8	4188014	3.47E-06	70YrCancel	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL	653761.4	4188014	2.80E-06	70YrCancel	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL	653785.9	4188014	2.15E-06	70YrCancel	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL	653810.5	4188014	1.65E-06	70YrCancel	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL	653736.8	4188039	1.77E-06	70YrCancel	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL	653761.4	4188039	1.51E-06	70YrCancel	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL	653785.9	4188039	1.27E-06	70YrCancel	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL	653810.5	4188039	1.07E-06	70YrCancel	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936	ALL	653736.8	4188064	1.08E-06	70YrCancel	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL	653761.4	4188064	9.58E-07	70YrCancel	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL	653785.9	4188064	8.39E-07	70YrCancel	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL	653810.5	4188064	7.33E-07	70YrCancel	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL	653736.8	4188089	7.29E-07	70YrCancel	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL	653761.4	4188089	6.66E-07	70YrCancel	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL	653785.9	4188089	6.01E-07	70YrCancel	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL	653810.5	4188089	5.39E-07	70YrCancel	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL	653736.8	4188139	4.01E-07	70YrCancel	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL	653761.4	4188139	3.79E-07	70YrCancel	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL	653785.9	4188139	3.55E-07	70YrCancel	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL	653810.5	4188139	3.30E-07	70YrCancel	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL	653712.3	4188189	2.65E-07	70YrCancel	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL	653736.8	4188189	2.57E-07	70YrCancel	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL	653761.4	4188189	2.47E-07	70YrCancel	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL	653785.9	4188189	2.36E-07	70YrCancel	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL	653810.5	4188189	2.24E-07	70YrCancel	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL	653712.3	4188239	1.85E-07	70YrCancel	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL	653736.8	4188239	1.80E-07	70YrCancel	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL	653761.4	4188239	1.75E-07	70YrCancel	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL	653785.9	4188239	1.69E-07	70YrCancel	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL	653810.5	4188239	1.63E-07	70YrCancel	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL	653712.3	4188289	1.37E-07	70YrCancel	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL	653736.8	4188289	1.34E-07	70YrCancel	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL	653761.4	4188289	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL	653785.9	4188289	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL	653810.5	4188289	1.24E-07	70YrCancel	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL	653712.3	4188339	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL	653736.8	4188339	1.05E-07	70YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL	653761.4	4188339	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL	653785.9	4188339	1.00E-07	70YrCancel	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL	653810.5	4188339	9.80E-08	70YrCancel	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL	653693.7	4188438	7.10E-08	70YrCancel	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL	653736.8	4188439	6.93E-08	70YrCancel	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL	653761.4	4188439	6.84E-08	70YrCancel	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL	653785.9	4188439	6.74E-08	70YrCancel	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL	653810.5	4188439	6.62E-08	70YrCancel	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL	653689.5	4188537	5.10E-08	70YrCancel	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL	653666.7	4188536	5.15E-08	70YrCancel	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL	653712.3	4188539	5.04E-08	70YrCancel	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL	653736.8	4188539	4.99E-08	70YrCancel	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL	653761.4	4188539	4.94E-08	70YrCancel	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL	653785.9	4188539	4.88E-08	70YrCancel	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL	653810.5	4188539	4.82E-08	70YrCancel	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL	653692.1	4188637	3.86E-08	70YrCancel	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981	ALL	653736.8	4188639	3.79E-08	70YrCancel	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL	653761.4	4188639	3.76E-08	70YrCancel	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL	653785.9	4188639	3.73E-08	70YrCancel	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL	653810.5	4188639	3.69E-08	70YrCancel	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL	653689	4188737	3.05E-08	70YrCancel	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL	653665.7	4188736	3.07E-08	70YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL	653642.4	4188734	3.09E-08	70YrCancel	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL	653712.3	4188739	3.02E-08	70YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL	653736.8	4188739	3.00E-08	70YrCancel	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL	653761.4	4188739	2.98E-08	70YrCancel	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL	653785.9	4188739	2.96E-08	70YrCancel	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL	653810.5	4188739	2.93E-08	70YrCancel	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL	653691.2	4188837	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL	653648.9	4188835	2.51E-08	70YrCancel	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL	653736.8	4188839	2.44E-08	70YrCancel	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL	653761.4	4188839	2.43E-08	70YrCancel	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL	653785.9	4188839	2.41E-08	70YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL	653810.5	4188839	2.40E-08	70YrCancel	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL	653689.5	4189087	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL	653666.7	4189086	1.63E-08	70YrCancel	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL	653644	4189084	1.64E-08	70YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002	ALL	653621.2	4189083	1.65E-08	70YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL	653598.4	4189082	1.65E-08	70YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL	653712.3	4189089	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL	653736.8	4189089	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL	653761.4	4189089	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL	653785.9	4189089	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL	653810.5	4189089	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL	653688.3	4189337	1.16E-08	70YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL	653664.4	4189336	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL	653640.4	4189334	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL	653616.5	4189333	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL	653592.5	4189331	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL	653568.6	4189330	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015	ALL	653712.3	4189339	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL	653736.8	4189339	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL	653761.4	4189339	1.14E-08	70YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL	653785.9	4189339	1.14E-08	70YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL	653810.5	4189339	1.13E-08	70YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2020	ALL	653690.2	4189587	8.77E-09	70YrCancel	8.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL	653646	4189585	8.87E-09	70YrCancel	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL	653601.9	4189582	8.92E-09	70YrCancel	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL	653557.7	4189579	8.93E-09	70YrCancel	8.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL	653736.8	4189589	8.68E-09	70YrCancel	8.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL	653761.4	4189589	8.64E-09	70YrCancel	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026	ALL	653785.9	4189589	8.62E-09	70YrCancel	8.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL	653810.5	4189589	8.60E-09	70YrCancel	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL	653689.3	4189837	6.92E-09	70YrCancel	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL	653666.3	4189836	6.96E-09	70YrCancel	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL	653643.4	4189834	7.00E-09	70YrCancel	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL	653620.4	4189833	7.03E-09	70YrCancel	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL	653597.4	4189832	7.05E-09	70YrCancel	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL	653574.4	4189830	7.06E-09	70YrCancel	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL	653551.4	4189829	7.06E-09	70YrCancel	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL	653528.5	4189827	7.06E-09	70YrCancel	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL	653505.5	4189826	7.04E-09	70YrCancel	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL	653712.3	4189839	6.88E-09	70YrCancel	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL	653736.8	4189839	6.85E-09	70YrCancel	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL	653761.4	4189839	6.83E-09	70YrCancel	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL	653785.9	4189839	6.81E-09	70YrCancel	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL	653810.5	4189839	6.80E-09	70YrCancel	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL	653688	4190337	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL	653663.6	4190336	4.72E-09	70YrCancel	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL	653639.3	4190334	4.74E-09	70YrCancel	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL	653615	4190333	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL	653590.7	4190331	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL	653566.3	4190330	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL	653542	4190328	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL	653517.7	4190327	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL	653493.4	4190325	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL	653469	4190323	4.79E-09	70YrCancel	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL	653444.7	4190322	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL	653712.3	4190339	4.67E-09	70YrCancel	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL	653736.8	4190339	4.65E-09	70YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL	653761.4	4190339	4.64E-09	70YrCancel	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL	653785.9	4190339	4.63E-09	70YrCancel	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL	653810.5	4190339	4.62E-09	70YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL	653688.7	4190837	3.44E-09	70YrCancel	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL	653665.1	4190836	3.45E-09	70YrCancel	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL	653641.5	4190834	3.47E-09	70YrCancel	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL	653617.9	4190833	3.48E-09	70YrCancel	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL	653594.3	4190831	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL	653570.7	4190830	3.51E-09	70YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL	653547.1	4190828	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL	653523.5	4190827	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL	653499.9	4190825	3.53E-09	70YrCancel	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL	653476.3	4190824	3.53E-09	70YrCancel	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL	653452.7	4190822	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL	653429.1	4190821	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL	653405.5	4190820	3.51E-09	70YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071	ALL	653381.9	4190818	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL	653712.3	4190839	3.42E-09	70YrCancel	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL	653736.8	4190839	3.41E-09	70YrCancel	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL	653761.4	4190839	3.40E-09	70YrCancel	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL	653785.9	4190839	3.39E-09	70YrCancel	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL	653810.5	4190839	3.39E-09	70YrCancel	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL	653687.8	4191337	2.65E-09	70YrCancel	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL	653663.3	4191336	2.66E-09	70YrCancel	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL	653638.9	4191334	2.67E-09	70YrCancel	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL	653614.4	4191333	2.69E-09	70YrCancel	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL	653589.9	4191331	2.70E-09	70YrCancel	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL	653565.4	4191330	2.71E-09	70YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL	653540.9	4191328	2.71E-09	70YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL	653516.5	4191326	2.72E-09	70YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL	653492	4191325	2.72E-09	70YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL	653467.5	4191323	2.73E-09	70YrCancel	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL	653443	4191322	2.73E-09	70YrCancel	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL	653418.6	4191320	2.72E-09	70YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL	653394.1	4191319	2.72E-09	70YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL	653369.6	4191317	2.71E-09	70YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL	653345.1	4191316	2.71E-09	70YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL	653320.6	4191314	2.70E-09	70YrCancel	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093	ALL	653712.3	4191339	2.64E-09	70YrCancel	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL	653736.8	4191339	2.63E-09	70YrCancel	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL	653761.4	4191339	2.63E-09	70YrCancel	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL	653785.9	4191339	2.62E-09	70YrCancel	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL	653810.5	4191339	2.62E-09	70YrCancel	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL	653688.4	4191837	2.12E-09	70YrCancel	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL	653664.5	4191836	2.13E-09	70YrCancel	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL	653640.6	4191834	2.14E-09	70YrCancel	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL	653616.6	4191833	2.15E-09	70YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL	653592.7	4191831	2.16E-09	70YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL	653568.8	4191830	2.16E-09	70YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL	653544.9	4191828	2.17E-09	70YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL	653521	4191827	2.17E-09	70YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL	653497.1	4191825	2.18E-09	70YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL	653473.2	4191824	2.18E-09	70YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL	653449.3	4191822	2.19E-09	70YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL	653425.3	4191821	2.19E-09	70YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL	653401.4	4191819	2.19E-09	70YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL	653377.5	4191818	2.18E-09	70YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL	653353.6	4191816	2.18E-09	70YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL	653329.7	4191815	2.18E-09	70YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL	653305.8	4191813	2.17E-09	70YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL	653281.9	4191812	2.17E-09	70YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116	ALL	653258	4191810	2.16E-09	70YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL	653712.3	4191839	2.12E-09	70YrCancel	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL	653736.8	4191839	2.11E-09	70YrCancel	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL	653761.4	4191839	2.11E-09	70YrCancel	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL	653785.9	4191839	2.10E-09	70YrCancel	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2121	ALL	653810.5	4191839	2.10E-09	70YrCancel	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL	653835.4	4187990	1.75E-06	70YrCancel	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL	653838.6	4187946	2.12E-06	70YrCancel	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL	653841.7	4187902	1.70E-06	70YrCancel	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL	653852.5	4188009	1.16E-06	70YrCancel	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL	653861.9	4187970	1.44E-06	70YrCancel	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL	653865.1	4187926	1.44E-06	70YrCancel	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL	653868.2	4187881	1.15E-06	70YrCancel	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL	653877.4	4188010	9.07E-07	70YrCancel	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL	653844.6	4188050	7.23E-07	70YrCancel	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL	653886.9	4187972	1.07E-06	70YrCancel	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL	653890	4187927	1.09E-06	70YrCancel	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL	653893.2	4187883	9.43E-07	70YrCancel	9.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL	653902.3	4188012	7.27E-07	70YrCancel	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL	653886.6	4188045	5.99E-07	70YrCancel	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL	653861.6	4188069	5.31E-07	70YrCancel	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL	653911.8	4187974	8.30E-07	70YrCancel	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL	653915	4187929	8.58E-07	70YrCancel	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL	653918.1	4187885	7.76E-07	70YrCancel	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL	653950.6	4188019	4.95E-07	70YrCancel	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL	653931.7	4188059	4.17E-07	70YrCancel	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL	653892.3	4188106	3.25E-07	70YrCancel	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL	653851.4	4188123	3.29E-07	70YrCancel	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL	653961.7	4187977	5.48E-07	70YrCancel	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL	653964.8	4187933	5.71E-07	70YrCancel	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL	653968	4187888	5.44E-07	70YrCancel	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL	654001	4188022	3.64E-07	70YrCancel	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL	653982.9	4188059	3.25E-07	70YrCancel	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL	653964.9	4188097	2.71E-07	70YrCancel	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL	653927.4	4188143	2.22E-07	70YrCancel	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL	653888.4	4188158	2.24E-07	70YrCancel	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL	653849.4	4188173	2.27E-07	70YrCancel	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL	654011.6	4187981	3.93E-07	70YrCancel	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL	654014.7	4187936	4.09E-07	70YrCancel	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL	654017.9	4187892	4.01E-07	70YrCancel	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL	654051.1	4188025	2.80E-07	70YrCancel	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL	654033.5	4188061	2.58E-07	70YrCancel	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL	654016	4188098	2.27E-07	70YrCancel	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL	653998.5	4188135	1.91E-07	70YrCancel	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL	653962	4188179	1.63E-07	70YrCancel	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161	ALL	653924.1	4188194	1.64E-07	70YrCancel	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL	653886.2	4188209	1.66E-07	70YrCancel	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL	653848.4	4188224	1.66E-07	70YrCancel	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL	654061.4	4187984	2.97E-07	70YrCancel	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL	654064.6	4187940	3.09E-07	70YrCancel	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL	654067.7	4187895	3.07E-07	70YrCancel	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL	654100.3	4188030	2.22E-07	70YrCancel	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL	654081.3	4188069	2.07E-07	70YrCancel	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL	654062.4	4188109	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL	654043.4	4188149	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL	654024.5	4188188	1.34E-07	70YrCancel	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL	653994.5	4188216	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL	653953.6	4188232	1.26E-07	70YrCancel	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL	653912.7	4188248	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL	653871.8	4188265	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL	654111.3	4187988	2.34E-07	70YrCancel	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL	654114.5	4187943	2.42E-07	70YrCancel	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL	654117.6	4187899	2.43E-07	70YrCancel	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL	654150.4	4188033	1.82E-07	70YrCancel	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL	654132	4188071	1.72E-07	70YrCancel	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL	654113.6	4188110	1.57E-07	70YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL	654095.1	4188148	1.40E-07	70YrCancel	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL	654076.7	4188187	1.21E-07	70YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184	ALL	654058.3	4188225	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL	654029.2	4188253	9.99E-08	70YrCancel	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL	653989.4	4188268	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL	653949.7	4188284	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL	653909.9	4188300	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL	653870.1	4188315	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL	654161.2	4187991	1.90E-07	70YrCancel	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL	654164.3	4187947	1.96E-07	70YrCancel	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL	654167.5	4187902	1.98E-07	70YrCancel	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL	654249.9	4188040	1.29E-07	70YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL	654230.9	4188080	1.24E-07	70YrCancel	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL	654212	4188120	1.16E-07	70YrCancel	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL	654193	4188159	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL	654174.1	4188199	9.56E-08	70YrCancel	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL	654155.1	4188239	8.45E-08	70YrCancel	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL	654136.2	4188278	7.54E-08	70YrCancel	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL	654096.8	4188326	6.86E-08	70YrCancel	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL	654055.9	4188342	6.88E-08	70YrCancel	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL	654015	4188358	6.95E-08	70YrCancel	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL	653974.1	4188374	6.99E-08	70YrCancel	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL	653933.2	4188390	6.98E-08	70YrCancel	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL	653892.3	4188406	6.90E-08	70YrCancel	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206	ALL	653851.4	4188423	6.76E-08	70YrCancel	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL	654260.9	4187998	1.33E-07	70YrCancel	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL	654264.1	4187954	1.37E-07	70YrCancel	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL	654267.2	4187909	1.39E-07	70YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL	654350	4188047	9.70E-08	70YrCancel	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL	654331.7	4188085	9.44E-08	70YrCancel	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL	654313.4	4188123	8.98E-08	70YrCancel	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL	654295.1	4188161	8.43E-08	70YrCancel	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL	654276.8	4188200	7.86E-08	70YrCancel	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL	654258.5	4188238	7.21E-08	70YrCancel	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL	654240.3	4188276	6.52E-08	70YrCancel	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL	654222	4188315	5.91E-08	70YrCancel	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL	654203.7	4188353	5.43E-08	70YrCancel	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL	654165.7	4188399	5.05E-08	70YrCancel	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL	654126.2	4188414	5.05E-08	70YrCancel	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL	654086.7	4188430	5.09E-08	70YrCancel	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2222	ALL	654047.3	4188445	5.14E-08	70YrCancel	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL	654007.8	4188461	5.14E-08	70YrCancel	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL	653968.4	4188477	5.13E-08	70YrCancel	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL	653928.9	4188492	5.08E-08	70YrCancel	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL	653889.4	4188508	4.99E-08	70YrCancel	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL	653850	4188523	4.91E-08	70YrCancel	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL	654360.7	4188005	9.92E-08	70YrCancel	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL	654363.8	4187961	1.02E-07	70YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL	654367	4187916	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL	654449.5	4188054	7.59E-08	70YrCancel	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL	654430.9	4188093	7.44E-08	70YrCancel	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL	654412.2	4188132	7.15E-08	70YrCancel	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL	654393.5	4188171	6.77E-08	70YrCancel	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL	654374.9	4188210	6.39E-08	70YrCancel	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL	654356.2	4188249	5.99E-08	70YrCancel	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL	654337.6	4188288	5.53E-08	70YrCancel	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL	654318.9	4188328	5.05E-08	70YrCancel	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL	654300.2	4188367	4.63E-08	70YrCancel	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL	654281.6	4188406	4.30E-08	70YrCancel	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL	654262.9	4188445	4.02E-08	70YrCancel	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL	654233.4	4188472	3.90E-08	70YrCancel	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL	654193.2	4188488	3.89E-08	70YrCancel	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL	654152.9	4188504	3.91E-08	70YrCancel	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL	654112.6	4188520	3.96E-08	70YrCancel	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL	654072.3	4188536	3.97E-08	70YrCancel	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL	654032	4188551	3.96E-08	70YrCancel	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL	653991.8	4188567	3.95E-08	70YrCancel	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL	653951.5	4188583	3.91E-08	70YrCancel	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL	653911.2	4188599	3.84E-08	70YrCancel	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251	ALL	653870.9	4188615	3.78E-08	70YrCancel	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL	654460.4	4188012	7.73E-08	70YrCancel	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL	654463.6	4187968	7.90E-08	70YrCancel	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL	654466.7	4187924	8.02E-08	70YrCancel	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL	654549.1	4188062	6.14E-08	70YrCancel	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	654530.2	4188101	6.04E-08	70YrCancel	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	654511.2	4188141	5.84E-08	70YrCancel	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	654492.3	4188180	5.58E-08	70YrCancel	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	654473.3	4188220	5.31E-08	70YrCancel	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	654454.4	4188260	5.03E-08	70YrCancel	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	654435.4	4188299	4.73E-08	70YrCancel	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	654416.5	4188339	4.39E-08	70YrCancel	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	654397.5	4188379	4.05E-08	70YrCancel	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	654378.6	4188418	3.75E-08	70YrCancel	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	654359.6	4188458	3.50E-08	70YrCancel	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	654340.7	4188498	3.30E-08	70YrCancel	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	654301.3	4188545	3.12E-08	70YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	654260.4	4188562	3.11E-08	70YrCancel	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	654219.5	4188578	3.12E-08	70YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	654178.6	4188594	3.15E-08	70YrCancel	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	654137.7	4188610	3.17E-08	70YrCancel	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	654096.8	4188626	3.17E-08	70YrCancel	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	654055.9	4188642	3.17E-08	70YrCancel	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	654015	4188658	3.16E-08	70YrCancel	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL	653974.1	4188674	3.11E-08	70YrCancel	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	653933.2	4188690	3.06E-08	70YrCancel	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	653892.3	4188706	3.02E-08	70YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	653851.4	4188723	2.99E-08	70YrCancel	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	654560.2	4188019	6.23E-08	70YrCancel	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	654563.3	4187975	6.35E-08	70YrCancel	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	654566.5	4187931	6.43E-08	70YrCancel	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	654648.8	4188069	5.08E-08	70YrCancel	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	654629.6	4188109	5.02E-08	70YrCancel	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	654610.4	4188149	4.88E-08	70YrCancel	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	654591.3	4188189	4.70E-08	70YrCancel	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	654572.1	4188229	4.49E-08	70YrCancel	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	654552.9	4188269	4.28E-08	70YrCancel	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	654533.7	4188310	4.08E-08	70YrCancel	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	654514.5	4188350	3.85E-08	70YrCancel	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	654495.4	4188390	3.59E-08	70YrCancel	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	654476.2	4188430	3.33E-08	70YrCancel	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	654457	4188470	3.10E-08	70YrCancel	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	654437.8	4188510	2.92E-08	70YrCancel	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	654418.7	4188550	2.77E-08	70YrCancel	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL	654399.5	4188591	2.64E-08	70YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	654369.2	4188619	2.57E-08	70YrCancel	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	654327.8	4188635	2.55E-08	70YrCancel	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	654286.4	4188651	2.56E-08	70YrCancel	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	654245.1	4188668	2.58E-08	70YrCancel	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	654203.7	4188684	2.61E-08	70YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	654162.3	4188700	2.61E-08	70YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	654120.9	4188716	2.60E-08	70YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL	654079.5	4188733	2.60E-08	70YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL	654038.1	4188749	2.59E-08	70YrCancel	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL	653996.7	4188765	2.55E-08	70YrCancel	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL	653955.3	4188782	2.51E-08	70YrCancel	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL	653914	4188798	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL	653872.6	4188814	2.46E-08	70YrCancel	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL	654659.9	4188027	5.14E-08	70YrCancel	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL	654663.1	4187982	5.23E-08	70YrCancel	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL	654666.2	4187938	5.29E-08	70YrCancel	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL	654898.4	4188086	3.42E-08	70YrCancel	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL	654879.6	4188125	3.40E-08	70YrCancel	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL	654860.8	4188165	3.35E-08	70YrCancel	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL	654842	4188204	3.26E-08	70YrCancel	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL	654823.2	4188243	3.16E-08	70YrCancel	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL	654804.5	4188283	3.05E-08	70YrCancel	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL	654785.7	4188322	2.94E-08	70YrCancel	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL	654766.9	4188361	2.84E-08	70YrCancel	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL	654748.1	4188400	2.73E-08	70YrCancel	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL	654729.3	4188440	2.62E-08	70YrCancel	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL	654710.6	4188479	2.49E-08	70YrCancel	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2323	ALL	654691.8	4188518	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL	654673	4188558	2.22E-08	70YrCancel	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL	654654.2	4188597	2.10E-08	70YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL	654635.4	4188636	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL	654616.7	4188676	1.92E-08	70YrCancel	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL	654597.9	4188715	1.85E-08	70YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL	654579.1	4188754	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL	654540.1	4188801	1.71E-08	70YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL	654499.5	4188817	1.70E-08	70YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL	654459	4188833	1.69E-08	70YrCancel	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL	654418.5	4188849	1.70E-08	70YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL	654377.9	4188865	1.72E-08	70YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL	654337.4	4188881	1.73E-08	70YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL	654296.9	4188897	1.73E-08	70YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL	654256.3	4188913	1.73E-08	70YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL	654215.8	4188929	1.73E-08	70YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL	654175.3	4188945	1.73E-08	70YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL	654134.7	4188961	1.73E-08	70YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341	ALL	654094.2	4188977	1.71E-08	70YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL	654053.7	4188993	1.68E-08	70YrCancel	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL	654013.1	4189009	1.66E-08	70YrCancel	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL	653972.6	4189025	1.65E-08	70YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL	653932.1	4189041	1.64E-08	70YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL	653891.6	4189057	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL	653851	4189073	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL	654909.3	4188044	3.45E-08	70YrCancel	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL	654912.5	4188000	3.49E-08	70YrCancel	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL	654915.6	4187955	3.52E-08	70YrCancel	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL	655147.6	4188104	2.49E-08	70YrCancel	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL	655128.7	4188144	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL	655109.7	4188183	2.45E-08	70YrCancel	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL	655090.8	4188223	2.41E-08	70YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL	655071.8	4188263	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL	655052.9	4188302	2.29E-08	70YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL	655033.9	4188342	2.22E-08	70YrCancel	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL	655015	4188382	2.15E-08	70YrCancel	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL	654996	4188421	2.09E-08	70YrCancel	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL	654977.1	4188461	2.03E-08	70YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL	654958.1	4188501	1.97E-08	70YrCancel	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL	654939.2	4188540	1.90E-08	70YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL	654920.2	4188580	1.82E-08	70YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL	654901.3	4188619	1.74E-08	70YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL	654882.3	4188659	1.66E-08	70YrCancel	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366	ALL	654863.4	4188699	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL	654844.4	4188738	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL	654825.5	4188778	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL	654806.5	4188818	1.40E-08	70YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL	654787.6	4188857	1.36E-08	70YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL	654768.6	4188897	1.32E-08	70YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL	654749.7	4188937	1.29E-08	70YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL	654710.3	4188984	1.24E-08	70YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL	654669.4	4189001	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL	654628.5	4189017	1.22E-08	70YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL	654587.6	4189033	1.22E-08	70YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL	654546.7	4189049	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL	654505.8	4189065	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL	654464.9	4189081	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL	654424	4189097	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL	654383.1	4189113	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL	654342.2	4189129	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL	654301.3	4189145	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL	654260.4	4189162	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL	654219.5	4189178	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386	ALL	654178.6	4189194	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL	654137.7	4189210	1.22E-08	70YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL	654096.8	4189226	1.20E-08	70YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL	654055.9	4189242	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL	654015	4189258	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL	653974.1	4189274	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL	653933.2	4189290	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL	653892.3	4189306	1.16E-08	70YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL	653851.4	4189323	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL	655158.7	4188062	2.50E-08	70YrCancel	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL	655161.8	4188017	2.52E-08	70YrCancel	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL	655165	4187973	2.54E-08	70YrCancel	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL	655397	4188122	1.90E-08	70YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL	655377.9	4188162	1.90E-08	70YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	655358.8	4188202	1.89E-08	70YrCancel	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	655339.7	4188241	1.86E-08	70YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	655320.7	4188281	1.83E-08	70YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	655301.6	4188321	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	655282.5	4188361	1.75E-08	70YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	655263.5	4188401	1.70E-08	70YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	655244.4	4188441	1.66E-08	70YrCancel	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL	655225.3	4188481	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	655206.3	4188521	1.57E-08	70YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	655187.2	4188561	1.54E-08	70YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	655168.1	4188601	1.50E-08	70YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	655149.1	4188641	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	655130	4188680	1.40E-08	70YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	655110.9	4188720	1.35E-08	70YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	655091.8	4188760	1.29E-08	70YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	655072.8	4188800	1.24E-08	70YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	655053.7	4188840	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	655034.6	4188880	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	655015.6	4188920	1.11E-08	70YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	654996.5	4188960	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	654977.4	4189000	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	654958.4	4189040	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	654939.3	4189080	1.01E-08	70YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	654920.2	4189119	9.80E-09	70YrCancel	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2424	ALL	654880.6	4189167	9.46E-09	70YrCancel	9.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	654839.4	4189184	9.37E-09	70YrCancel	9.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	654798.3	4189200	9.29E-09	70YrCancel	9.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	654757.1	4189216	9.27E-09	70YrCancel	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	654715.9	4189232	9.34E-09	70YrCancel	9.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	654674.8	4189248	9.45E-09	70YrCancel	9.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	654633.6	4189265	9.54E-09	70YrCancel	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	654592.5	4189281	9.57E-09	70YrCancel	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	654551.3	4189297	9.56E-09	70YrCancel	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	654510.2	4189313	9.52E-09	70YrCancel	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	654469	4189329	9.50E-09	70YrCancel	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	654427.8	4189346	9.52E-09	70YrCancel	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	654386.7	4189362	9.54E-09	70YrCancel	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	654345.5	4189378	9.55E-09	70YrCancel	9.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	654304.4	4189394	9.52E-09	70YrCancel	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	654263.2	4189410	9.43E-09	70YrCancel	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL	654222.1	4189427	9.32E-09	70YrCancel	9.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL	654180.9	4189443	9.21E-09	70YrCancel	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL	654139.7	4189459	9.13E-09	70YrCancel	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL	654098.6	4189475	9.06E-09	70YrCancel	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL	654057.4	4189491	9.03E-09	70YrCancel	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL	654016.3	4189508	9.00E-09	70YrCancel	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL	653975.1	4189524	8.97E-09	70YrCancel	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL	653934	4189540	8.91E-09	70YrCancel	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL	653892.8	4189556	8.83E-09	70YrCancel	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL	653851.7	4189572	8.72E-09	70YrCancel	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL	655408.1	4188080	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL	655411.2	4188035	1.93E-08	70YrCancel	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL	655414.4	4187991	1.94E-08	70YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL	655646.3	4188139	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL	655627.1	4188180	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL	655608	4188220	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL	655588.8	4188260	1.49E-08	70YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2457	ALL	655569.7	4188300	1.47E-08	70YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL	655550.5	4188340	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL	655531.3	4188380	1.42E-08	70YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL	655512.2	4188420	1.39E-08	70YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL	655493	4188460	1.36E-08	70YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL	655473.9	4188500	1.32E-08	70YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL	655454.7	4188540	1.29E-08	70YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL	655435.6	4188581	1.26E-08	70YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL	655416.4	4188621	1.24E-08	70YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL	655397.2	4188661	1.21E-08	70YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467	ALL	655378.1	4188701	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468	ALL	655358.9	4188741	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469	ALL	655339.8	4188781	1.12E-08	70YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470	ALL	655320.6	4188821	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471	ALL	655301.4	4188861	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472	ALL	655282.3	4188901	1.01E-08	70YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473	ALL	655263.1	4188941	9.71E-09	70YrCancel	9.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474	ALL	655244	4188981	9.38E-09	70YrCancel	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475	ALL	655224.8	4189022	9.09E-09	70YrCancel	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476	ALL	655205.7	4189062	8.83E-09	70YrCancel	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477	ALL	655186.5	4189102	8.60E-09	70YrCancel	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478	ALL	655167.3	4189142	8.41E-09	70YrCancel	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479	ALL	655148.2	4189182	8.25E-09	70YrCancel	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480	ALL	655129	4189222	8.10E-09	70YrCancel	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481	ALL	655109.9	4189262	7.95E-09	70YrCancel	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482	ALL	655090.7	4189302	7.77E-09	70YrCancel	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483	ALL	655050.9	4189350	7.51E-09	70YrCancel	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484	ALL	655009.5	4189367	7.43E-09	70YrCancel	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485	ALL	654968.2	4189383	7.36E-09	70YrCancel	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486	ALL	654926.8	4189399	7.33E-09	70YrCancel	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487	ALL	654885.5	4189416	7.36E-09	70YrCancel	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488	ALL	654844.2	4189432	7.43E-09	70YrCancel	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489	ALL	654802.8	4189448	7.52E-09	70YrCancel	7.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490	ALL	654761.5	4189464	7.58E-09	70YrCancel	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491	ALL	654720.1	4189481	7.60E-09	70YrCancel	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492	ALL	654678.8	4189497	7.59E-09	70YrCancel	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493	ALL	654637.4	4189513	7.55E-09	70YrCancel	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494	ALL	654596.1	4189529	7.53E-09	70YrCancel	7.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2495	ALL	654554.7	4189546	7.53E-09	70YrCancel	7.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496	ALL	654513.4	4189562	7.56E-09	70YrCancel	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497	ALL	654472	4189578	7.58E-09	70YrCancel	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498	ALL	654430.7	4189595	7.58E-09	70YrCancel	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499	ALL	654389.3	4189611	7.56E-09	70YrCancel	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500	ALL	654348	4189627	7.49E-09	70YrCancel	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501	ALL	654306.7	4189643	7.41E-09	70YrCancel	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	654265.3	4189660	7.33E-09	70YrCancel	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	654224	4189676	7.26E-09	70YrCancel	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	654182.6	4189692	7.21E-09	70YrCancel	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	654141.3	4189708	7.17E-09	70YrCancel	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	654099.9	4189725	7.15E-09	70YrCancel	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	654058.6	4189741	7.14E-09	70YrCancel	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	654017.2	4189757	7.12E-09	70YrCancel	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	653975.9	4189774	7.09E-09	70YrCancel	7.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	653934.5	4189790	7.03E-09	70YrCancel	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	653893.2	4189806	6.96E-09	70YrCancel	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	653851.8	4189822	6.88E-09	70YrCancel	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	655657.4	4188097	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	655660.6	4188053	1.53E-08	70YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	655663.7	4188008	1.54E-08	70YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	656145.1	4188175	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	656126.1	4188215	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	656107	4188254	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	656088	4188294	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	656069	4188334	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	656049.9	4188374	1.01E-08	70YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	656030.9	4188414	9.96E-09	70YrCancel	9.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	656011.9	4188454	9.81E-09	70YrCancel	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	655992.8	4188493	9.66E-09	70YrCancel	9.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2525	ALL	655973.8	4188533	9.49E-09	70YrCancer	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	655954.8	4188573	9.31E-09	70YrCancer	9.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	655935.8	4188613	9.13E-09	70YrCancer	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	655916.7	4188653	8.95E-09	70YrCancer	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	655897.7	4188692	8.78E-09	70YrCancer	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	655878.7	4188732	8.63E-09	70YrCancer	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	655859.6	4188772	8.48E-09	70YrCancer	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	655840.6	4188812	8.35E-09	70YrCancer	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	655821.6	4188852	8.22E-09	70YrCancer	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	655802.5	4188892	8.08E-09	70YrCancer	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	655783.5	4188931	7.92E-09	70YrCancer	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	655764.5	4188971	7.74E-09	70YrCancer	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	655745.4	4189011	7.55E-09	70YrCancer	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	655726.4	4189051	7.35E-09	70YrCancer	7.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	655707.4	4189091	7.14E-09	70YrCancer	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	655688.3	4189131	6.93E-09	70YrCancer	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	655669.3	4189170	6.74E-09	70YrCancer	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	655650.3	4189210	6.55E-09	70YrCancer	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	655631.2	4189250	6.38E-09	70YrCancer	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	655612.2	4189290	6.23E-09	70YrCancer	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	655593.2	4189330	6.09E-09	70YrCancer	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	655574.2	4189370	5.96E-09	70YrCancer	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	655555.1	4189409	5.85E-09	70YrCancer	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2548	ALL	655536.1	4189449	5.75E-09	70YrCancer	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	655517.1	4189489	5.67E-09	70YrCancer	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	655498	4189529	5.60E-09	70YrCancer	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	655479	4189569	5.54E-09	70YrCancer	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	655460	4189609	5.46E-09	70YrCancer	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	655440.9	4189648	5.36E-09	70YrCancer	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	655421.9	4189688	5.23E-09	70YrCancer	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	655391.8	4189716	5.14E-09	70YrCancer	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	655350.8	4189732	5.09E-09	70YrCancer	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	655309.7	4189749	5.03E-09	70YrCancer	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	655268.6	4189765	4.99E-09	70YrCancer	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	655227.6	4189781	4.98E-09	70YrCancer	4.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	655186.5	4189797	5.01E-09	70YrCancer	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	655145.4	4189813	5.05E-09	70YrCancer	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	655104.3	4189829	5.11E-09	70YrCancer	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	655063.3	4189846	5.16E-09	70YrCancer	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	655022.2	4189862	5.19E-09	70YrCancer	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	654981.1	4189878	5.20E-09	70YrCancer	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	654940	4189894	5.18E-09	70YrCancer	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	654899	4189910	5.16E-09	70YrCancer	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	654857.9	4189926	5.14E-09	70YrCancer	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	654816.8	4189943	5.13E-09	70YrCancer	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	654775.7	4189959	5.13E-09	70YrCancer	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	654734.7	4189975	5.14E-09	70YrCancer	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	654693.6	4189991	5.16E-09	70YrCancer	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	654652.5	4190007	5.18E-09	70YrCancer	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	654611.4	4190023	5.18E-09	70YrCancer	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL	654570.4	4190040	5.17E-09	70YrCancer	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	654529.3	4190056	5.14E-09	70YrCancer	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	654488.2	4190072	5.09E-09	70YrCancer	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	654447.1	4190088	5.04E-09	70YrCancer	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	654406.1	4190104	5.00E-09	70YrCancer	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	654365	4190120	4.96E-09	70YrCancer	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	654323.9	4190137	4.92E-09	70YrCancer	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	654282.8	4190153	4.90E-09	70YrCancer	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	654241.8	4190169	4.89E-09	70YrCancer	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	654200.7	4190185	4.88E-09	70YrCancer	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	654159.6	4190201	4.88E-09	70YrCancer	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	654118.6	4190217	4.87E-09	70YrCancer	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	654077.5	4190234	4.86E-09	70YrCancer	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	654036.4	4190250	4.84E-09	70YrCancer	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	653995.3	4190266	4.82E-09	70YrCancer	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	653954.3	4190282	4.78E-09	70YrCancer	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL	653913.2	4190298	4.74E-09	70YrCancer	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	653872.1	4190314	4.69E-09	70YrCancer	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	656156.2	4188133	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	656159.3	4188088	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595	ALL	656162.5	4188044	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	656643.8	4188210	7.60E-09	70YrCancer	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	656624.6	4188250	7.62E-09	70YrCancer	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	656605.5	4188290	7.62E-09	70YrCancer	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	656586.3	4188330	7.60E-09	70YrCancer	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	656567.2	4188370	7.56E-09	70YrCancer	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	656548	4188411	7.50E-09	70YrCancer	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	656528.9	4188451	7.42E-09	70YrCancer	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	656509.7	4188491	7.34E-09	70YrCancer	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	656490.6	4188531	7.25E-09	70YrCancer	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	656471.4	4188571	7.16E-09	70YrCancer	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	656452.3	4188611	7.06E-09	70YrCancer	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	656433.1	4188651	6.95E-09	70YrCancer	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	656414	4188691	6.84E-09	70YrCancer	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	656394.8	4188731	6.73E-09	70YrCancer	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	656375.7	4188771	6.62E-09	70YrCancer	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	656356.5	4188811	6.51E-09	70YrCancer	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	656337.4	4188851	6.41E-09	70YrCancer	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613	ALL	656318.2	4188892	6.31E-09	70YrCancer	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614	ALL	656299	4188932	6.23E-09	70YrCancer	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615	ALL	656279.9	4188972	6.15E-09	70YrCancer	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616	ALL	656260.7	4189012	6.07E-09	70YrCancer	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617	ALL	656241.6	4189052	5.99E-09	70YrCancer	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618	ALL	656222.4	4189092	5.91E-09	70YrCancer	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619	ALL	656203.3	4189132	5.81E-09	70YrCancer	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620	ALL	656184.1	4189172	5.71E-09	70YrCancer	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621	ALL	656165	4189212	5.59E-09	70YrCancer	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622	ALL	656145.8	4189252	5.47E-09	70YrCancer	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623	ALL	656126.7	4189292	5.34E-09	70YrCancer	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624	ALL	656107.5	4189332	5.21E-09	70YrCancer	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625	ALL	656088.4	4189373	5.09E-09	70YrCancer	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2626	ALL	656069.2	4189413	4.97E-09	70YrCancel	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627	ALL	656050.1	4189453	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628	ALL	656030.9	4189493	4.75E-09	70YrCancel	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629	ALL	656011.8	4189533	4.65E-09	70YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630	ALL	655992.6	4189573	4.56E-09	70YrCancel	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2631	ALL	655973.5	4189613	4.48E-09	70YrCancel	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632	ALL	655954.3	4189653	4.40E-09	70YrCancel	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633	ALL	655935.2	4189693	4.33E-09	70YrCancel	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634	ALL	655916	4189733	4.27E-09	70YrCancel	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635	ALL	655896.9	4189773	4.21E-09	70YrCancel	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636	ALL	655877.7	4189813	4.17E-09	70YrCancel	4.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637	ALL	655858.5	4189853	4.13E-09	70YrCancel	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638	ALL	655839.4	4189894	4.10E-09	70YrCancel	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2639	ALL	655820.2	4189934	4.06E-09	70YrCancel	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640	ALL	655801.1	4189974	4.01E-09	70YrCancel	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641	ALL	655781.9	4190014	3.94E-09	70YrCancel	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642	ALL	655762.8	4190054	3.85E-09	70YrCancel	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643	ALL	655732.5	4190082	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644	ALL	655691.2	4190098	3.75E-09	70YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645	ALL	655649.9	4190115	3.71E-09	70YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646	ALL	655608.5	4190131	3.67E-09	70YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647	ALL	655567.2	4190147	3.65E-09	70YrCancel	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648	ALL	655525.9	4190163	3.66E-09	70YrCancel	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649	ALL	655484.5	4190180	3.68E-09	70YrCancel	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650	ALL	655443.2	4190196	3.71E-09	70YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651	ALL	655401.9	4190212	3.75E-09	70YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652	ALL	655360.5	4190229	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653	ALL	655319.2	4190245	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654	ALL	655277.9	4190261	3.83E-09	70YrCancel	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655	ALL	655236.5	4190277	3.83E-09	70YrCancel	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656	ALL	655195.2	4190294	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657	ALL	655153.9	4190310	3.80E-09	70YrCancel	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658	ALL	655112.5	4190326	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659	ALL	655071.2	4190342	3.77E-09	70YrCancel	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660	ALL	655029.9	4190359	3.76E-09	70YrCancel	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661	ALL	654988.5	4190375	3.77E-09	70YrCancel	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662	ALL	654947.2	4190391	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663	ALL	654905.9	4190407	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664	ALL	654864.5	4190424	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665	ALL	654823.2	4190440	3.82E-09	70YrCancel	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666	ALL	654781.9	4190456	3.82E-09	70YrCancel	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667	ALL	654740.5	4190473	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668	ALL	654699.2	4190489	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669	ALL	654657.9	4190505	3.76E-09	70YrCancel	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670	ALL	654616.5	4190521	3.72E-09	70YrCancel	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671	ALL	654575.2	4190538	3.69E-09	70YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672	ALL	654533.8	4190554	3.66E-09	70YrCancel	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673	ALL	654492.5	4190570	3.64E-09	70YrCancel	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674	ALL	654451.2	4190586	3.62E-09	70YrCancel	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675	ALL	654409.8	4190603	3.60E-09	70YrCancel	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676	ALL	654368.5	4190619	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677	ALL	654327.2	4190635	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678	ALL	654285.8	4190652	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679	ALL	654244.5	4190668	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680	ALL	654203.2	4190684	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681	ALL	654161.8	4190700	3.58E-09	70YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682	ALL	654120.5	4190717	3.58E-09	70YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683	ALL	654079.2	4190733	3.56E-09	70YrCancel	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684	ALL	654037.8	4190749	3.54E-09	70YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685	ALL	653996.5	4190765	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686	ALL	653955.2	4190782	3.49E-09	70YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2687	ALL	653913.8	4190798	3.46E-09	70YrCancel	3.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688	ALL	653872.5	4190814	3.43E-09	70YrCancel	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689	ALL	656654.9	4188168	7.60E-09	70YrCancel	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690	ALL	656658.1	4188124	7.63E-09	70YrCancel	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691	ALL	656661.2	4188079	7.65E-09	70YrCancel	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692	ALL	657142.6	4188245	5.87E-09	70YrCancel	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693	ALL	657123.5	4188285	5.88E-09	70YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694	ALL	657104.5	4188325	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695	ALL	657085.4	4188365	5.88E-09	70YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696	ALL	657066.3	4188405	5.86E-09	70YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697	ALL	657047.3	4188445	5.83E-09	70YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698	ALL	657028.2	4188485	5.79E-09	70YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699	ALL	657009.1	4188525	5.74E-09	70YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700	ALL	656990.1	4188565	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701	ALL	656971	4188605	5.63E-09	70YrCancel	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702	ALL	656951.9	4188644	5.57E-09	70YrCancel	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703	ALL	656932.9	4188684	5.50E-09	70YrCancel	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704	ALL	656913.8	4188724	5.44E-09	70YrCancel	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705	ALL	656894.7	4188764	5.37E-09	70YrCancel	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706	ALL	656875.7	4188804	5.30E-09	70YrCancel	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707	ALL	656856.6	4188844	5.22E-09	70YrCancel	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708	ALL	656837.6	4188884	5.15E-09	70YrCancel	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709	ALL	656818.5	4188924	5.07E-09	70YrCancel	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710	ALL	656799.4	4188964	5.00E-09	70YrCancel	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711	ALL	656780.4	4189003	4.93E-09	70YrCancel	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712	ALL	656761.3	4189043	4.87E-09	70YrCancel	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713	ALL	656742.2	4189083	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714	ALL	656723.2	4189123	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715	ALL	656704.1	4189163	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716	ALL	656685	4189203	4.67E-09	70YrCancel	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717	ALL	656666	4189243	4.62E-09	70YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718	ALL	656646.9	4189283	4.56E-09	70YrCancel	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719	ALL	656627.8	4189323	4.50E-09	70YrCancel	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720	ALL	656608.8	4189363	4.44E-09	70YrCancel	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721	ALL	656589.7	4189402	4.36E-09	70YrCancel	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722	ALL	656570.7	4189442	4.29E-09	70YrCancel	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723	ALL	656551.6	4189482	4.20E-09	70YrCancel	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724	ALL	656532.5	4189522	4.12E-09	70YrCancel	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725	ALL	656513.5	4189562	4.03E-09	70YrCancel	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726	ALL	656494.4	4189602	3.95E-09	70YrCancel	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2727	ALL	656475.3	4189642	3.87E-09	70YrCancer	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728	ALL	656456.3	4189682	3.80E-09	70YrCancer	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729	ALL	656437.2	4189722	3.73E-09	70YrCancer	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2730	ALL	656418.1	4189762	3.66E-09	70YrCancer	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731	ALL	656399.1	4189801	3.59E-09	70YrCancer	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732	ALL	656380	4189841	3.53E-09	70YrCancer	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733	ALL	656360.9	4189881	3.48E-09	70YrCancer	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734	ALL	656341.9	4189921	3.43E-09	70YrCancer	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2735	ALL	656322.8	4189961	3.38E-09	70YrCancer	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736	ALL	656303.7	4190001	3.33E-09	70YrCancer	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737	ALL	656284.7	4190041	3.30E-09	70YrCancer	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738	ALL	656265.6	4190081	3.26E-09	70YrCancer	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739	ALL	656246.6	4190121	3.24E-09	70YrCancer	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740	ALL	656227.5	4190160	3.22E-09	70YrCancer	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741	ALL	656208.4	4190200	3.20E-09	70YrCancer	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742	ALL	656189.4	4190240	3.18E-09	70YrCancer	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2743	ALL	656170.3	4190280	3.15E-09	70YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744	ALL	656151.2	4190320	3.11E-09	70YrCancer	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745	ALL	656132.2	4190360	3.07E-09	70YrCancer	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746	ALL	656113.1	4190400	3.01E-09	70YrCancer	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747	ALL	656073.5	4190448	2.93E-09	70YrCancer	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748	ALL	656032.3	4190464	2.90E-09	70YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749	ALL	655991.2	4190480	2.87E-09	70YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750	ALL	655950	4190496	2.84E-09	70YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751	ALL	655908.9	4190513	2.83E-09	70YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752	ALL	655867.7	4190529	2.82E-09	70YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753	ALL	655826.6	4190545	2.82E-09	70YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754	ALL	655785.5	4190561	2.84E-09	70YrCancer	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755	ALL	655744.3	4190577	2.86E-09	70YrCancer	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756	ALL	655703.2	4190594	2.89E-09	70YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757	ALL	655662	4190610	2.92E-09	70YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758	ALL	655620.9	4190626	2.94E-09	70YrCancer	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759	ALL	655579.7	4190642	2.95E-09	70YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760	ALL	655538.6	4190658	2.96E-09	70YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761	ALL	655497.4	4190675	2.96E-09	70YrCancer	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762	ALL	655456.3	4190691	2.95E-09	70YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763	ALL	655415.1	4190707	2.94E-09	70YrCancer	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764	ALL	655374	4190723	2.92E-09	70YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765	ALL	655332.9	4190739	2.91E-09	70YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766	ALL	655291.7	4190756	2.90E-09	70YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767	ALL	655250.6	4190772	2.90E-09	70YrCancer	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768	ALL	655209.4	4190788	2.91E-09	70YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769	ALL	655168.3	4190804	2.92E-09	70YrCancer	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770	ALL	655127.1	4190820	2.93E-09	70YrCancer	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771	ALL	655086	4190837	2.94E-09	70YrCancer	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772	ALL	655044.8	4190853	2.95E-09	70YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773	ALL	655003.7	4190869	2.95E-09	70YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774	ALL	654962.6	4190885	2.95E-09	70YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775	ALL	654921.4	4190901	2.95E-09	70YrCancer	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776	ALL	654880.3	4190918	2.93E-09	70YrCancer	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777	ALL	654839.1	4190934	2.91E-09	70YrCancer	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778	ALL	654798	4190950	2.89E-09	70YrCancer	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779	ALL	654756.8	4190966	2.87E-09	70YrCancer	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780	ALL	654715.7	4190982	2.85E-09	70YrCancer	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781	ALL	654674.5	4190999	2.83E-09	70YrCancer	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782	ALL	654633.4	4191015	2.82E-09	70YrCancer	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2783	ALL	654592.2	4191031	2.80E-09	70YrCancer	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784	ALL	654551.1	4191047	2.79E-09	70YrCancer	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785	ALL	654510	4191063	2.78E-09	70YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786	ALL	654468.8	4191080	2.77E-09	70YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787	ALL	654427.7	4191096	2.77E-09	70YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788	ALL	654386.5	4191112	2.77E-09	70YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789	ALL	654345.4	4191128	2.77E-09	70YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790	ALL	654304.2	4191144	2.78E-09	70YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791	ALL	654263.1	4191161	2.78E-09	70YrCancer	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792	ALL	654221.9	4191177	2.77E-09	70YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793	ALL	654180.8	4191193	2.77E-09	70YrCancer	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794	ALL	654139.7	4191209	2.76E-09	70YrCancer	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795	ALL	654098.5	4191225	2.75E-09	70YrCancer	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796	ALL	654057.4	4191241	2.73E-09	70YrCancer	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797	ALL	654016.2	4191258	2.72E-09	70YrCancer	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798	ALL	653975.1	4191274	2.70E-09	70YrCancer	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2799	ALL	653933.9	4191290	2.68E-09	70YrCancer	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800	ALL	653892.8	4191306	2.65E-09	70YrCancer	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801	ALL	653851.6	4191322	2.63E-09	70YrCancer	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802	ALL	657153.7	4188203	5.87E-09	70YrCancer	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803	ALL	657156.8	4188159	5.88E-09	70YrCancer	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804	ALL	657160	4188114	5.90E-09	70YrCancer	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805	ALL	657641.3	4188281	4.69E-09	70YrCancer	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806	ALL	657622.1	4188321	4.71E-09	70YrCancer	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807	ALL	657603	4188361	4.71E-09	70YrCancer	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808	ALL	657583.8	4188401	4.71E-09	70YrCancer	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809	ALL	657564.7	4188441	4.71E-09	70YrCancer	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810	ALL	657545.5	4188481	4.69E-09	70YrCancer	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811	ALL	657526.4	4188521	4.66E-09	70YrCancer	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812	ALL	657507.2	4188561	4.63E-09	70YrCancer	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813	ALL	657488.1	4188601	4.60E-09	70YrCancer	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814	ALL	657468.9	4188642	4.56E-09	70YrCancer	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815	ALL	657449.8	4188682	4.51E-09	70YrCancer	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816	ALL	657430.6	4188722	4.47E-09	70YrCancer	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817	ALL	657411.5	4188762	4.43E-09	70YrCancer	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818	ALL	657392.3	4188802	4.39E-09	70YrCancer	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819	ALL	657373.2	4188842	4.34E-09	70YrCancer	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820	ALL	657354	4188882	4.29E-09	70YrCancer	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2821	ALL	657334.9	4188922	4.24E-09	70YrCancer	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822	ALL	657315.7	4188962	4.19E-09	70YrCancer	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823	ALL	657296.6	4189002	4.13E-09	70YrCancer	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824	ALL	657277.4	4189042	4.08E-09	70YrCancer	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825	ALL	657258.3	4189082	4.03E-09	70YrCancer	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826	ALL	657239.1	4189122	3.98E-09	70YrCancer	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827	ALL	657220	4189163	3.93E-09	70YrCancer	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2828	ALL	657200.8	4189203	3.89E-09	70YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829	ALL	657181.7	4189243	3.85E-09	70YrCancel	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830	ALL	657162.6	4189283	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2831	ALL	657143.4	4189323	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832	ALL	657124.3	4189363	3.75E-09	70YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833	ALL	657105.1	4189403	3.71E-09	70YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834	ALL	657086	4189443	3.68E-09	70YrCancel	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835	ALL	657066.8	4189483	3.64E-09	70YrCancel	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836	ALL	657047.7	4189523	3.60E-09	70YrCancel	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837	ALL	657028.5	4189563	3.55E-09	70YrCancel	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838	ALL	657009.4	4189603	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839	ALL	656990.2	4189643	3.45E-09	70YrCancel	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840	ALL	656971.1	4189683	3.39E-09	70YrCancel	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841	ALL	656951.9	4189724	3.33E-09	70YrCancel	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842	ALL	656932.8	4189764	3.28E-09	70YrCancel	3.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843	ALL	656913.6	4189804	3.22E-09	70YrCancel	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844	ALL	656894.5	4189844	3.16E-09	70YrCancel	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845	ALL	656875.3	4189884	3.11E-09	70YrCancel	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846	ALL	656856.2	4189924	3.05E-09	70YrCancel	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847	ALL	656837	4189964	3.00E-09	70YrCancel	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848	ALL	656817.9	4190004	2.95E-09	70YrCancel	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849	ALL	656798.7	4190044	2.91E-09	70YrCancel	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850	ALL	656779.6	4190084	2.87E-09	70YrCancel	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851	ALL	656760.4	4190124	2.82E-09	70YrCancel	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852	ALL	656741.3	4190164	2.79E-09	70YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853	ALL	656722.1	4190204	2.75E-09	70YrCancel	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854	ALL	656703	4190245	2.72E-09	70YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2855	ALL	656683.8	4190285	2.68E-09	70YrCancel	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856	ALL	656664.7	4190325	2.66E-09	70YrCancel	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857	ALL	656645.5	4190365	2.63E-09	70YrCancel	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858	ALL	656626.4	4190405	2.61E-09	70YrCancel	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859	ALL	656607.2	4190445	2.60E-09	70YrCancel	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860	ALL	656588.1	4190485	2.58E-09	70YrCancel	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861	ALL	656568.9	4190525	2.57E-09	70YrCancel	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862	ALL	656549.8	4190565	2.56E-09	70YrCancel	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863	ALL	656530.6	4190605	2.54E-09	70YrCancel	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864	ALL	656511.5	4190645	2.52E-09	70YrCancel	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865	ALL	656492.3	4190685	2.49E-09	70YrCancel	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866	ALL	656473.2	4190725	2.46E-09	70YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867	ALL	656454	4190766	2.42E-09	70YrCancel	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868	ALL	656414.2	4190814	2.36E-09	70YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869	ALL	656372.9	4190830	2.33E-09	70YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870	ALL	656331.5	4190846	2.31E-09	70YrCancel	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871	ALL	656290.2	4190863	2.28E-09	70YrCancel	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872	ALL	656248.9	4190879	2.27E-09	70YrCancel	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873	ALL	656207.6	4190895	2.26E-09	70YrCancel	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874	ALL	656166.2	4190911	2.25E-09	70YrCancel	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875	ALL	656124.9	4190928	2.26E-09	70YrCancel	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876	ALL	656083.6	4190944	2.27E-09	70YrCancel	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877	ALL	656042.2	4190960	2.29E-09	70YrCancel	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878	ALL	656000.9	4190976	2.31E-09	70YrCancel	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2879	ALL	655959.6	4190993	2.33E-09	70YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880	ALL	655918.3	4191009	2.35E-09	70YrCancel	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881	ALL	655876.9	4191025	2.36E-09	70YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882	ALL	655835.6	4191042	2.37E-09	70YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883	ALL	655794.3	4191058	2.38E-09	70YrCancel	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884	ALL	655752.9	4191074	2.38E-09	70YrCancel	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885	ALL	655711.6	4191090	2.37E-09	70YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886	ALL	655670.3	4191107	2.36E-09	70YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887	ALL	655629	4191123	2.35E-09	70YrCancel	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888	ALL	655587.6	4191139	2.33E-09	70YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889	ALL	655546.3	4191155	2.33E-09	70YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890	ALL	655505	4191172	2.32E-09	70YrCancel	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891	ALL	655463.6	4191188	2.32E-09	70YrCancel	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892	ALL	655422.3	4191204	2.33E-09	70YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893	ALL	655381	4191220	2.34E-09	70YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894	ALL	655339.7	4191237	2.35E-09	70YrCancel	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895	ALL	655298.3	4191253	2.36E-09	70YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896	ALL	655257	4191269	2.36E-09	70YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897	ALL	655215.7	4191286	2.37E-09	70YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898	ALL	655174.3	4191302	2.37E-09	70YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899	ALL	655133	4191318	2.37E-09	70YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900	ALL	655091.7	4191334	2.36E-09	70YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901	ALL	655050.4	4191351	2.35E-09	70YrCancel	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902	ALL	655009	4191367	2.34E-09	70YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903	ALL	654967.7	4191383	2.32E-09	70YrCancel	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904	ALL	654926.4	4191399	2.31E-09	70YrCancel	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905	ALL	654885	4191416	2.29E-09	70YrCancel	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906	ALL	654843.7	4191432	2.28E-09	70YrCancel	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907	ALL	654802.4	4191448	2.27E-09	70YrCancel	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908	ALL	654761.1	4191464	2.26E-09	70YrCancel	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909	ALL	654719.7	4191481	2.25E-09	70YrCancel	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910	ALL	654678.4	4191497	2.24E-09	70YrCancel	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2911	ALL	654637.1	4191513	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2912	ALL	654595.7	4191530	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913	ALL	654554.4	4191546	2.22E-09	70YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914	ALL	654513.1	4191562	2.22E-09	70YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915	ALL	654471.8	4191578	2.22E-09	70YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916	ALL	654430.4	4191595	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917	ALL	654389.1	4191611	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918	ALL	654347.8	4191627	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919	ALL	654306.4	4191643	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920	ALL	654265.1	4191660	2.23E-09	70YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921	ALL	654223.8	4191676	2.22E-09	70YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922	ALL	654182.5	4191692	2.21E-09	70YrCancel	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923	ALL	654141.1	4191709	2.20E-09	70YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924	ALL	654099.8	4191725	2.19E-09	70YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925	ALL	654058.5	4191741	2.18E-09	70YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926	ALL	654017.1	4191757	2.17E-09	70YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2927	ALL	653975.8	4191774	2.15E-09	70YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928	ALL	653934.5	4191790	2.14E-09	70YrCancel	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2929	ALL	653893.2	4191806	2.12E-09	70YrCancel	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930	ALL	653851.8	4191822	2.11E-09	70YrCancel	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931	ALL	657652.4	4188239	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932	ALL	657655.6	4188194	4.70E-09	70YrCancel	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933	ALL	657658.7	4188150	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934	ALL	653819	4187853	1.18E-06	70YrCancel	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935	ALL	653794.3	4187852	1.26E-06	70YrCancel	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936	ALL	653769.5	4187851	1.27E-06	70YrCancel	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937	ALL	653744.7	4187851	1.20E-06	70YrCancel	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938	ALL	653719.9	4187850	1.10E-06	70YrCancel	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939	ALL	653695.1	4187849	1.00E-06	70YrCancel	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940	ALL	653837.6	4187836	9.18E-07	70YrCancel	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941	ALL	653794.9	4187827	9.23E-07	70YrCancel	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942	ALL	653770.1	4187826	9.11E-07	70YrCancel	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943	ALL	653745.4	4187826	8.56E-07	70YrCancel	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944	ALL	653720.6	4187825	8.00E-07	70YrCancel	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945	ALL	653695.8	4187824	7.53E-07	70YrCancel	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946	ALL	653838.2	4187811	7.17E-07	70YrCancel	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947	ALL	653880.3	4187846	8.32E-07	70YrCancel	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948	ALL	653795.6	4187802	7.03E-07	70YrCancel	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949	ALL	653770.8	4187801	6.82E-07	70YrCancel	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950	ALL	653746	4187801	6.44E-07	70YrCancel	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951	ALL	653721.3	4187800	6.10E-07	70YrCancel	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952	ALL	653696.5	4187799	5.86E-07	70YrCancel	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953	ALL	653838.9	4187786	5.76E-07	70YrCancel	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954	ALL	653874.6	4187802	6.07E-07	70YrCancel	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955	ALL	653898.9	4187829	6.75E-07	70YrCancel	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956	ALL	653796.3	4187777	5.53E-07	70YrCancel	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957	ALL	653771.5	4187776	5.33E-07	70YrCancel	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958	ALL	653746.7	4187776	5.04E-07	70YrCancel	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959	ALL	653721.9	4187775	4.83E-07	70YrCancel	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960	ALL	653697.1	4187774	4.69E-07	70YrCancel	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961	ALL	653843.8	4187738	3.98E-07	70YrCancel	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962	ALL	653865.2	4187747	4.12E-07	70YrCancel	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963	ALL	653886.6	4187757	4.23E-07	70YrCancel	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964	ALL	653908.1	4187767	4.33E-07	70YrCancel	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965	ALL	653937.2	4187799	4.80E-07	70YrCancel	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966	ALL	653944.9	4187821	5.18E-07	70YrCancel	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2967	ALL	653952.6	4187844	5.41E-07	70YrCancel	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968	ALL	653960.3	4187866	5.49E-07	70YrCancel	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969	ALL	653822.4	4187728	3.77E-07	70YrCancel	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970	ALL	653797.6	4187727	3.70E-07	70YrCancel	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971	ALL	653772.8	4187726	3.55E-07	70YrCancel	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972	ALL	653748	4187726	3.37E-07	70YrCancel	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973	ALL	653723.3	4187725	3.25E-07	70YrCancel	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974	ALL	653698.5	4187724	3.21E-07	70YrCancel	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2975	ALL	653844.1	4187687	2.89E-07	70YrCancel	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976	ALL	653884.9	4187706	3.08E-07	70YrCancel	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977	ALL	653905.3	4187715	3.15E-07	70YrCancel	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978	ALL	653946.1	4187734	3.27E-07	70YrCancel	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979	ALL	653973.8	4187764	3.55E-07	70YrCancel	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980	ALL	653988.5	4187807	3.98E-07	70YrCancel	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981	ALL	654003.2	4187849	4.12E-07	70YrCancel	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982	ALL	653798.9	4187677	2.67E-07	70YrCancel	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983	ALL	653774.2	4187676	2.56E-07	70YrCancel	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984	ALL	653749.4	4187676	2.45E-07	70YrCancel	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985	ALL	653724.6	4187675	2.37E-07	70YrCancel	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986	ALL	653699.8	4187674	2.35E-07	70YrCancel	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987	ALL	653847.4	4187638	2.20E-07	70YrCancel	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988	ALL	653869.7	4187648	2.31E-07	70YrCancel	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989	ALL	653892	4187658	2.38E-07	70YrCancel	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990	ALL	653914.3	4187669	2.43E-07	70YrCancel	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991	ALL	653936.6	4187679	2.47E-07	70YrCancel	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992	ALL	653958.9	4187689	2.53E-07	70YrCancel	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993	ALL	653981.2	4187699	2.56E-07	70YrCancel	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994	ALL	654011.6	4187733	2.77E-07	70YrCancel	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995	ALL	654019.6	4187756	2.95E-07	70YrCancel	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996	ALL	654027.6	4187779	3.10E-07	70YrCancel	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997	ALL	654035.6	4187802	3.19E-07	70YrCancel	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998	ALL	654043.7	4187826	3.22E-07	70YrCancel	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999	ALL	654051.7	4187849	3.21E-07	70YrCancel	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000	ALL	654059.7	4187872	3.16E-07	70YrCancel	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001	ALL	653825	4187628	2.07E-07	70YrCancel	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002	ALL	653800.3	4187627	2.02E-07	70YrCancel	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3003	ALL	653775.5	4187626	1.94E-07	70YrCancel	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004	ALL	653750.7	4187626	1.86E-07	70YrCancel	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005	ALL	653725.9	4187625	1.82E-07	70YrCancel	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006	ALL	653701.2	4187624	1.81E-07	70YrCancel	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007	ALL	653847.8	4187588	1.72E-07	70YrCancel	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008	ALL	653869.2	4187597	1.81E-07	70YrCancel	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009	ALL	653890.6	4187607	1.88E-07	70YrCancel	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010	ALL	653912.1	4187617	1.93E-07	70YrCancel	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011	ALL	653933.5	4187627	1.95E-07	70YrCancel	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012	ALL	653954.9	4187637	1.98E-07	70YrCancel	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013	ALL	653976.3	4187647	2.01E-07	70YrCancel	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014	ALL	653997.7	4187656	2.05E-07	70YrCancel	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015	ALL	654019.2	4187666	2.07E-07	70YrCancel	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016	ALL	654048.3	4187698	2.21E-07	70YrCancel	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017	ALL	654056	4187721	2.34E-07	70YrCancel	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018	ALL	654063.7	4187743	2.45E-07	70YrCancel	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019	ALL	654071.4	4187765	2.53E-07	70YrCancel	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020	ALL	654079.1	4187787	2.58E-07	70YrCancel	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021	ALL	654086.8	4187810	2.59E-07	70YrCancel	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022	ALL	654094.5	4187832	2.58E-07	70YrCancel	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3023	ALL	654102.2	4187854	2.55E-07	70YrCancel	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024	ALL	654109.9	4187877	2.50E-07	70YrCancel	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025	ALL	653826.4	4187578	1.63E-07	70YrCancel	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026	ALL	653801.6	4187577	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027	ALL	653776.8	4187576	1.53E-07	70YrCancel	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028	ALL	653752	4187576	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029	ALL	653727.3	4187575	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3030	ALL	653702.5	4187574	1.44E-07	70YrCancer	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031	ALL	653848.5	4187537	1.39E-07	70YrCancer	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032	ALL	653869.4	4187547	1.45E-07	70YrCancer	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033	ALL	653890.2	4187556	1.51E-07	70YrCancer	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034	ALL	653911	4187566	1.56E-07	70YrCancer	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035	ALL	653931.8	4187576	1.59E-07	70YrCancer	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036	ALL	653952.7	4187585	1.61E-07	70YrCancer	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037	ALL	653973.5	4187595	1.62E-07	70YrCancer	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038	ALL	653994.3	4187604	1.65E-07	70YrCancer	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039	ALL	654015.1	4187614	1.68E-07	70YrCancer	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040	ALL	654036	4187623	1.70E-07	70YrCancer	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041	ALL	654056.8	4187633	1.71E-07	70YrCancer	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042	ALL	654085.1	4187664	1.81E-07	70YrCancer	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043	ALL	654092.6	4187686	1.91E-07	70YrCancer	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044	ALL	654100.1	4187707	1.99E-07	70YrCancer	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045	ALL	654107.6	4187729	2.06E-07	70YrCancer	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046	ALL	654115.1	4187751	2.11E-07	70YrCancer	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047	ALL	654122.6	4187772	2.13E-07	70YrCancer	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048	ALL	654130	4187794	2.14E-07	70YrCancer	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049	ALL	654137.5	4187816	2.13E-07	70YrCancer	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050	ALL	654145	4187837	2.11E-07	70YrCancer	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051	ALL	654152.5	4187859	2.08E-07	70YrCancer	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052	ALL	654160	4187881	2.04E-07	70YrCancer	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053	ALL	653827.7	4187528	1.31E-07	70YrCancer	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054	ALL	653802.9	4187527	1.28E-07	70YrCancer	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055	ALL	653778.2	4187526	1.24E-07	70YrCancer	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056	ALL	653753.4	4187526	1.20E-07	70YrCancer	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057	ALL	653728.6	4187525	1.18E-07	70YrCancer	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058	ALL	653703.8	4187524	1.17E-07	70YrCancer	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059	ALL	653851.8	4187438	9.60E-08	70YrCancer	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060	ALL	653873.2	4187447	1.00E-07	70YrCancer	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061	ALL	653894.6	4187457	1.05E-07	70YrCancer	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062	ALL	653916.1	4187467	1.08E-07	70YrCancer	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063	ALL	653937.5	4187477	1.12E-07	70YrCancer	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064	ALL	653958.9	4187487	1.14E-07	70YrCancer	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065	ALL	653980.3	4187497	1.15E-07	70YrCancer	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066	ALL	654001.7	4187506	1.16E-07	70YrCancer	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067	ALL	654023.2	4187516	1.17E-07	70YrCancer	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068	ALL	654044.6	4187526	1.18E-07	70YrCancer	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069	ALL	654066	4187536	1.20E-07	70YrCancer	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070	ALL	654087.4	4187546	1.22E-07	70YrCancer	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3071	ALL	654108.8	4187556	1.23E-07	70YrCancer	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072	ALL	654130.3	4187565	1.24E-07	70YrCancer	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073	ALL	654159.4	4187598	1.30E-07	70YrCancer	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074	ALL	654167.1	4187620	1.35E-07	70YrCancer	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075	ALL	654174.8	4187642	1.41E-07	70YrCancer	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076	ALL	654182.5	4187664	1.45E-07	70YrCancer	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077	ALL	654190.2	4187687	1.49E-07	70YrCancer	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078	ALL	654197.9	4187709	1.52E-07	70YrCancer	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3079	ALL	654205.6	4187731	1.53E-07	70YrCancer	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080	ALL	654213.3	4187753	1.54E-07	70YrCancer	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081	ALL	654221	4187776	1.54E-07	70YrCancer	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082	ALL	654228.7	4187798	1.53E-07	70YrCancer	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083	ALL	654236.4	4187820	1.51E-07	70YrCancer	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084	ALL	654244.1	4187843	1.49E-07	70YrCancer	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085	ALL	654251.8	4187865	1.46E-07	70YrCancer	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086	ALL	654259.5	4187887	1.43E-07	70YrCancer	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087	ALL	653830.4	4187428	9.15E-08	70YrCancer	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088	ALL	653805.6	4187427	8.91E-08	70YrCancer	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089	ALL	653780.8	4187426	8.66E-08	70YrCancer	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090	ALL	653756	4187426	8.44E-08	70YrCancer	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091	ALL	653731.3	4187425	8.31E-08	70YrCancer	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092	ALL	653706.5	4187424	8.29E-08	70YrCancer	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093	ALL	653854.9	4187338	7.09E-08	70YrCancer	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3094	ALL	653876.7	4187348	7.38E-08	70YrCancer	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095	ALL	653898.5	4187358	7.66E-08	70YrCancer	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096	ALL	653920.3	4187368	7.94E-08	70YrCancer	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097	ALL	653942.1	4187378	8.21E-08	70YrCancer	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098	ALL	653964	4187388	8.45E-08	70YrCancer	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099	ALL	653985.8	4187398	8.63E-08	70YrCancer	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100	ALL	654007.6	4187408	8.75E-08	70YrCancer	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101	ALL	654029.4	4187418	8.79E-08	70YrCancer	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102	ALL	654051.2	4187428	8.81E-08	70YrCancer	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103	ALL	654073	4187438	8.84E-08	70YrCancer	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104	ALL	654094.9	4187448	8.92E-08	70YrCancer	8.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105	ALL	654116.7	4187458	9.04E-08	70YrCancer	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106	ALL	654138.5	4187468	9.17E-08	70YrCancer	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107	ALL	654160.3	4187478	9.29E-08	70YrCancer	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108	ALL	654182.1	4187488	9.37E-08	70YrCancer	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109	ALL	654203.9	4187498	9.40E-08	70YrCancer	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110	ALL	654233.6	4187531	9.78E-08	70YrCancer	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111	ALL	654241.4	4187553	1.02E-07	70YrCancer	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112	ALL	654249.3	4187576	1.05E-07	70YrCancer	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113	ALL	654257.1	4187599	1.09E-07	70YrCancer	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114	ALL	654265	4187622	1.11E-07	70YrCancer	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115	ALL	654272.8	4187644	1.14E-07	70YrCancer	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116	ALL	654280.7	4187667	1.15E-07	70YrCancer	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117	ALL	654288.5	4187690	1.16E-07	70YrCancer	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118	ALL	654296.4	4187712	1.17E-07	70YrCancer	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3119	ALL	654304.2	4187735	1.17E-07	70YrCancer	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120	ALL	654312.1	4187758	1.16E-07	70YrCancer	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121	ALL	654319.9	4187780	1.15E-07	70YrCancer	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122	ALL	654327.8	4187803	1.14E-07	70YrCancer	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123	ALL	654335.6	4187826	1.13E-07	70YrCancer	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124	ALL	654343.5	4187848	1.11E-07	70YrCancer	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125	ALL	654351.3	4187871	1.09E-07	70YrCancer	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126	ALL	654359.1	4187894	1.06E-07	70YrCancer	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127	ALL	653833.1	4187328	6.78E-08	70YrCancer	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128	ALL	653808.3	4187327	6.62E-08	70YrCancer	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129	ALL	653783.5	4187326	6.45E-08	70YrCancer	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130	ALL	653758.7	4187326	6.31E-08	70YrCancer	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3131	ALL	653733.9	4187325	6.23E-08	70YrCancel	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132	ALL	653709.2	4187325	6.22E-08	70YrCancel	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133	ALL	653857.8	4187238	5.47E-08	70YrCancel	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134	ALL	653879.9	4187248	5.69E-08	70YrCancel	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3135	ALL	653902	4187258	5.88E-08	70YrCancel	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136	ALL	653924.1	4187268	6.08E-08	70YrCancel	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137	ALL	653946.2	4187279	6.27E-08	70YrCancel	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138	ALL	653968.3	4187289	6.46E-08	70YrCancel	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139	ALL	653990.4	4187299	6.64E-08	70YrCancel	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140	ALL	654012.5	4187309	6.79E-08	70YrCancel	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141	ALL	654034.6	4187319	6.89E-08	70YrCancel	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142	ALL	654056.7	4187329	6.94E-08	70YrCancel	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143	ALL	654078.8	4187339	6.95E-08	70YrCancel	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144	ALL	654100.9	4187350	6.95E-08	70YrCancel	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145	ALL	654123	4187360	6.97E-08	70YrCancel	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146	ALL	654145.1	4187370	7.01E-08	70YrCancel	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147	ALL	654167.2	4187380	7.09E-08	70YrCancel	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148	ALL	654189.3	4187390	7.19E-08	70YrCancel	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149	ALL	654211.4	4187400	7.29E-08	70YrCancel	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150	ALL	654233.5	4187410	7.36E-08	70YrCancel	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151	ALL	654255.6	4187421	7.41E-08	70YrCancel	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152	ALL	654277.7	4187431	7.42E-08	70YrCancel	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153	ALL	654307.8	4187464	7.68E-08	70YrCancel	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154	ALL	654315.7	4187487	7.95E-08	70YrCancel	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155	ALL	654323.7	4187510	8.20E-08	70YrCancel	8.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156	ALL	654331.6	4187533	8.45E-08	70YrCancel	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157	ALL	654339.6	4187556	8.66E-08	70YrCancel	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158	ALL	654347.5	4187579	8.85E-08	70YrCancel	8.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159	ALL	654355.5	4187602	9.00E-08	70YrCancel	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160	ALL	654363.4	4187625	9.11E-08	70YrCancel	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161	ALL	654371.4	4187648	9.18E-08	70YrCancel	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162	ALL	654379.3	4187671	9.21E-08	70YrCancel	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163	ALL	654387.3	4187694	9.21E-08	70YrCancel	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164	ALL	654395.2	4187717	9.18E-08	70YrCancel	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165	ALL	654403.2	4187740	9.13E-08	70YrCancel	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166	ALL	654411.1	4187763	9.06E-08	70YrCancel	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3167	ALL	654419	4187786	8.98E-08	70YrCancel	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168	ALL	654427	4187809	8.89E-08	70YrCancel	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169	ALL	654434.9	4187832	8.78E-08	70YrCancel	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170	ALL	654442.9	4187855	8.63E-08	70YrCancel	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171	ALL	654450.8	4187878	8.45E-08	70YrCancel	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172	ALL	654458.8	4187901	8.24E-08	70YrCancel	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173	ALL	653835.7	4187228	5.25E-08	70YrCancel	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174	ALL	653810.9	4187227	5.14E-08	70YrCancel	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175	ALL	653786.2	4187227	5.02E-08	70YrCancel	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176	ALL	653761.4	4187226	4.93E-08	70YrCancel	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177	ALL	653736.6	4187225	4.87E-08	70YrCancel	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178	ALL	653711.8	4187225	4.86E-08	70YrCancel	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179	ALL	653860.7	4187138	4.37E-08	70YrCancel	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180	ALL	653883	4187148	4.53E-08	70YrCancel	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181	ALL	653905.3	4187159	4.68E-08	70YrCancel	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182	ALL	653927.6	4187169	4.82E-08	70YrCancel	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183	ALL	653950	4187179	4.96E-08	70YrCancel	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184	ALL	653972.3	4187189	5.10E-08	70YrCancel	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3185	ALL	653994.6	4187200	5.24E-08	70YrCancel	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186	ALL	654016.9	4187210	5.37E-08	70YrCancel	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187	ALL	654039.2	4187220	5.49E-08	70YrCancel	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188	ALL	654061.5	4187230	5.58E-08	70YrCancel	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189	ALL	654083.8	4187241	5.64E-08	70YrCancel	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190	ALL	654106.1	4187251	5.66E-08	70YrCancel	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3191	ALL	654128.5	4187261	5.65E-08	70YrCancel	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192	ALL	654150.8	4187271	5.65E-08	70YrCancel	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193	ALL	654173.1	4187282	5.65E-08	70YrCancel	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194	ALL	654195.4	4187292	5.68E-08	70YrCancel	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195	ALL	654217.7	4187302	5.74E-08	70YrCancel	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196	ALL	654240	4187312	5.81E-08	70YrCancel	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197	ALL	654262.3	4187323	5.88E-08	70YrCancel	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198	ALL	654284.6	4187333	5.95E-08	70YrCancel	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199	ALL	654307	4187343	6.00E-08	70YrCancel	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200	ALL	654329.3	4187353	6.02E-08	70YrCancel	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201	ALL	654351.6	4187364	6.03E-08	70YrCancel	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202	ALL	654381.9	4187397	6.21E-08	70YrCancel	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203	ALL	654389.9	4187420	6.41E-08	70YrCancel	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204	ALL	654398	4187443	6.60E-08	70YrCancel	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205	ALL	654406	4187467	6.78E-08	70YrCancel	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206	ALL	654414	4187490	6.94E-08	70YrCancel	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207	ALL	654422	4187513	7.09E-08	70YrCancel	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208	ALL	654430.1	4187536	7.22E-08	70YrCancel	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209	ALL	654438.1	4187559	7.33E-08	70YrCancel	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210	ALL	654446.1	4187583	7.40E-08	70YrCancel	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211	ALL	654454.1	4187606	7.45E-08	70YrCancel	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212	ALL	654462.2	4187629	7.48E-08	70YrCancel	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213	ALL	654470.2	4187652	7.49E-08	70YrCancel	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214	ALL	654478.2	4187675	7.47E-08	70YrCancel	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3215	ALL	654486.2	4187699	7.44E-08	70YrCancel	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216	ALL	654494.3	4187722	7.39E-08	70YrCancel	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217	ALL	654502.3	4187745	7.34E-08	70YrCancel	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218	ALL	654510.3	4187768	7.28E-08	70YrCancel	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219	ALL	654518.3	4187791	7.22E-08	70YrCancel	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220	ALL	654526.4	4187815	7.13E-08	70YrCancel	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221	ALL	654534.4	4187838	7.03E-08	70YrCancel	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222	ALL	654542.4	4187861	6.91E-08	70YrCancel	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223	ALL	654550.4	4187884	6.76E-08	70YrCancel	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224	ALL	654558.5	4187907	6.60E-08	70YrCancel	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225	ALL	653838.4	4187128	4.21E-08	70YrCancel	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226	ALL	653813.6	4187127	4.12E-08	70YrCancel	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227	ALL	653788.8	4187127	4.04E-08	70YrCancel	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228	ALL	653764.1	4187126	3.98E-08	70YrCancel	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229	ALL	653739.3	4187125	3.93E-08	70YrCancel	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230	ALL	653714.5	4187125	3.92E-08	70YrCancel	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231	ALL	653863.5	4187038	3.58E-08	70YrCancel	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3232	ALL	653886	4187049	3.71E-08	70YrCancel	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233	ALL	653908.5	4187059	3.82E-08	70YrCancel	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234	ALL	653931	4187069	3.93E-08	70YrCancel	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235	ALL	653953.5	4187080	4.04E-08	70YrCancel	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236	ALL	653975.9	4187090	4.14E-08	70YrCancel	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237	ALL	653998.4	4187100	4.25E-08	70YrCancel	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238	ALL	654020.9	4187110	4.35E-08	70YrCancel	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239	ALL	654043.4	4187121	4.46E-08	70YrCancel	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240	ALL	654065.8	4187131	4.55E-08	70YrCancel	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241	ALL	654088.3	4187141	4.63E-08	70YrCancel	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242	ALL	654110.8	4187152	4.68E-08	70YrCancel	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243	ALL	654133.3	4187162	4.71E-08	70YrCancel	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244	ALL	654155.8	4187172	4.71E-08	70YrCancel	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245	ALL	654178.2	4187183	4.70E-08	70YrCancel	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246	ALL	654200.7	4187193	4.69E-08	70YrCancel	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3247	ALL	654223.2	4187203	4.69E-08	70YrCancel	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248	ALL	654245.7	4187214	4.71E-08	70YrCancel	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249	ALL	654268.1	4187224	4.75E-08	70YrCancel	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250	ALL	654290.6	4187234	4.81E-08	70YrCancel	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251	ALL	654313.1	4187245	4.86E-08	70YrCancel	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252	ALL	654335.6	4187255	4.92E-08	70YrCancel	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253	ALL	654358.1	4187265	4.96E-08	70YrCancel	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254	ALL	654380.5	4187276	5.00E-08	70YrCancel	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255	ALL	654403	4187286	5.01E-08	70YrCancel	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256	ALL	654425.5	4187296	5.01E-08	70YrCancel	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257	ALL	654456.1	4187330	5.15E-08	70YrCancel	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258	ALL	654464.1	4187353	5.29E-08	70YrCancel	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259	ALL	654472.2	4187377	5.44E-08	70YrCancel	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260	ALL	654480.3	4187400	5.57E-08	70YrCancel	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261	ALL	654488.4	4187423	5.70E-08	70YrCancel	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262	ALL	654496.5	4187447	5.82E-08	70YrCancel	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3263	ALL	654504.6	4187470	5.93E-08	70YrCancel	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264	ALL	654512.6	4187494	6.02E-08	70YrCancel	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265	ALL	654520.7	4187517	6.10E-08	70YrCancel	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266	ALL	654528.8	4187540	6.15E-08	70YrCancel	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267	ALL	654536.9	4187564	6.19E-08	70YrCancel	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268	ALL	654545	4187587	6.22E-08	70YrCancel	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269	ALL	654553.1	4187610	6.22E-08	70YrCancel	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270	ALL	654561.1	4187634	6.21E-08	70YrCancel	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271	ALL	654569.2	4187657	6.19E-08	70YrCancel	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272	ALL	654577.3	4187681	6.16E-08	70YrCancel	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273	ALL	654585.4	4187704	6.12E-08	70YrCancel	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274	ALL	654593.5	4187727	6.08E-08	70YrCancel	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275	ALL	654601.6	4187751	6.04E-08	70YrCancel	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3276	ALL	654609.7	4187774	5.99E-08	70YrCancel	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277	ALL	654617.7	4187797	5.94E-08	70YrCancel	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278	ALL	654625.8	4187821	5.86E-08	70YrCancel	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279	ALL	654633.9	4187844	5.77E-08	70YrCancel	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280	ALL	654642	4187868	5.67E-08	70YrCancel	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281	ALL	654650.1	4187891	5.55E-08	70YrCancel	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282	ALL	654658.2	4187914	5.42E-08	70YrCancel	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283	ALL	653841.1	4187028	3.46E-08	70YrCancel	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284	ALL	653816.3	4187027	3.39E-08	70YrCancel	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285	ALL	653791.5	4187027	3.34E-08	70YrCancel	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286	ALL	653766.7	4187026	3.29E-08	70YrCancel	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287	ALL	653742	4187025	3.25E-08	70YrCancel	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288	ALL	653717.2	4187025	3.24E-08	70YrCancel	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289	ALL	653870.2	4186788	2.37E-08	70YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290	ALL	653892.6	4186799	2.44E-08	70YrCancel	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291	ALL	653915.1	4186809	2.50E-08	70YrCancel	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292	ALL	653937.5	4186819	2.57E-08	70YrCancel	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293	ALL	653959.9	4186830	2.63E-08	70YrCancel	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294	ALL	653982.4	4186840	2.69E-08	70YrCancel	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295	ALL	654004.8	4186850	2.74E-08	70YrCancel	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296	ALL	654027.3	4186860	2.80E-08	70YrCancel	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297	ALL	654049.7	4186871	2.85E-08	70YrCancel	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298	ALL	654072.1	4186881	2.91E-08	70YrCancel	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299	ALL	654094.6	4186891	2.97E-08	70YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300	ALL	654117	4186902	3.02E-08	70YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301	ALL	654139.5	4186912	3.08E-08	70YrCancel	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302	ALL	654161.9	4186922	3.13E-08	70YrCancel	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3303	ALL	654184.3	4186933	3.17E-08	70YrCancel	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304	ALL	654206.8	4186943	3.20E-08	70YrCancel	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305	ALL	654229.2	4186953	3.21E-08	70YrCancel	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306	ALL	654251.7	4186963	3.21E-08	70YrCancel	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307	ALL	654274.1	4186974	3.20E-08	70YrCancel	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308	ALL	654296.5	4186984	3.19E-08	70YrCancel	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309	ALL	654319	4186994	3.18E-08	70YrCancel	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310	ALL	654341.4	4187005	3.17E-08	70YrCancel	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3311	ALL	654363.9	4187015	3.18E-08	70YrCancel	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312	ALL	654386.3	4187025	3.19E-08	70YrCancel	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313	ALL	654408.7	4187036	3.22E-08	70YrCancel	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314	ALL	654431.2	4187046	3.25E-08	70YrCancel	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315	ALL	654453.6	4187056	3.28E-08	70YrCancel	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316	ALL	654476.1	4187066	3.31E-08	70YrCancel	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317	ALL	654498.5	4187077	3.34E-08	70YrCancel	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318	ALL	654520.9	4187087	3.37E-08	70YrCancel	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319	ALL	654543.4	4187097	3.39E-08	70YrCancel	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320	ALL	654565.8	4187108	3.40E-08	70YrCancel	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321	ALL	654588.3	4187118	3.40E-08	70YrCancel	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322	ALL	654610.7	4187128	3.40E-08	70YrCancel	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323	ALL	654641.2	4187162	3.47E-08	70YrCancel	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324	ALL	654649.3	4187185	3.55E-08	70YrCancel	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325	ALL	654657.4	4187209	3.62E-08	70YrCancel	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326	ALL	654665.4	4187232	3.70E-08	70YrCancel	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327	ALL	654673.5	4187255	3.77E-08	70YrCancel	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328	ALL	654681.6	4187279	3.84E-08	70YrCancel	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329	ALL	654689.6	4187302	3.91E-08	70YrCancel	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330	ALL	654697.7	4187325	3.97E-08	70YrCancel	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331	ALL	654705.8	4187349	4.03E-08	70YrCancel	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332	ALL	654713.9	4187372	4.08E-08	70YrCancel	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3333	ALL	654721.9	4187395	4.12E-08	70YrCancel	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334	ALL	654730	4187419	4.15E-08	70YrCancel	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335	ALL	654738.1	4187442	4.18E-08	70YrCancel	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336	ALL	654746.1	4187465	4.20E-08	70YrCancel	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337	ALL	654754.2	4187489	4.21E-08	70YrCancel	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338	ALL	654762.3	4187512	4.22E-08	70YrCancel	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339	ALL	654770.3	4187535	4.22E-08	70YrCancel	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340	ALL	654778.4	4187559	4.21E-08	70YrCancel	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341	ALL	654786.5	4187582	4.19E-08	70YrCancel	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342	ALL	654794.6	4187605	4.17E-08	70YrCancel	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343	ALL	654802.6	4187629	4.15E-08	70YrCancel	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344	ALL	654810.7	4187652	4.13E-08	70YrCancel	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345	ALL	654818.8	4187675	4.11E-08	70YrCancel	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346	ALL	654826.8	4187699	4.09E-08	70YrCancel	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347	ALL	654834.9	4187722	4.07E-08	70YrCancel	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348	ALL	654843	4187745	4.04E-08	70YrCancel	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349	ALL	654851	4187769	4.01E-08	70YrCancel	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350	ALL	654859.1	4187792	3.97E-08	70YrCancel	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351	ALL	654867.2	4187815	3.92E-08	70YrCancel	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352	ALL	654875.3	4187839	3.86E-08	70YrCancel	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353	ALL	654883.3	4187862	3.80E-08	70YrCancel	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354	ALL	654891.4	4187885	3.73E-08	70YrCancel	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355	ALL	654899.5	4187909	3.66E-08	70YrCancel	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356	ALL	654907.5	4187932	3.59E-08	70YrCancel	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357	ALL	653847.7	4186778	2.30E-08	70YrCancel	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358	ALL	653823	4186777	2.26E-08	70YrCancel	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3359	ALL	653798.2	4186777	2.23E-08	70YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360	ALL	653773.4	4186776	2.21E-08	70YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361	ALL	653748.6	4186775	2.19E-08	70YrCancel	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362	ALL	653723.9	4186775	2.18E-08	70YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363	ALL	653876.8	4186538	1.70E-08	70YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364	ALL	653899.3	4186549	1.74E-08	70YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365	ALL	653921.7	4186559	1.78E-08	70YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366	ALL	653944.1	4186569	1.83E-08	70YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3367	ALL	653966.5	4186580	1.87E-08	70YrCancel	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368	ALL	653988.9	4186590	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369	ALL	654011.3	4186600	1.94E-08	70YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370	ALL	654033.8	4186610	1.98E-08	70YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371	ALL	654056.2	4186621	2.01E-08	70YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372	ALL	654078.6	4186631	2.04E-08	70YrCancel	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373	ALL	654101	4186641	2.07E-08	70YrCancel	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374	ALL	654123.4	4186652	2.11E-08	70YrCancel	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375	ALL	654145.8	4186662	2.14E-08	70YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376	ALL	654168.3	4186672	2.18E-08	70YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377	ALL	654190.7	4186682	2.21E-08	70YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378	ALL	654213.1	4186693	2.25E-08	70YrCancel	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379	ALL	654235.5	4186703	2.28E-08	70YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380	ALL	654257.9	4186713	2.31E-08	70YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381	ALL	654280.3	4186724	2.33E-08	70YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382	ALL	654302.7	4186734	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383	ALL	654325.2	4186744	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384	ALL	654347.6	4186755	2.36E-08	70YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385	ALL	654370	4186765	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386	ALL	654392.4	4186775	2.34E-08	70YrCancel	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387	ALL	654414.8	4186785	2.33E-08	70YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388	ALL	654437.2	4186796	2.32E-08	70YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389	ALL	654459.7	4186806	2.32E-08	70YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390	ALL	654482.1	4186816	2.31E-08	70YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391	ALL	654504.5	4186827	2.32E-08	70YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392	ALL	654526.9	4186837	2.33E-08	70YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393	ALL	654549.3	4186847	2.34E-08	70YrCancel	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394	ALL	654571.7	4186857	2.36E-08	70YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395	ALL	654594.2	4186868	2.39E-08	70YrCancel	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396	ALL	654616.6	4186878	2.41E-08	70YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397	ALL	654639	4186888	2.43E-08	70YrCancel	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398	ALL	654661.4	4186899	2.44E-08	70YrCancel	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399	ALL	654683.8	4186909	2.46E-08	70YrCancel	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400	ALL	654706.2	4186919	2.47E-08	70YrCancel	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401	ALL	654728.7	4186929	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402	ALL	654751.1	4186940	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403	ALL	654773.5	4186950	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404	ALL	654795.9	4186960	2.48E-08	70YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405	ALL	654826.4	4186994	2.52E-08	70YrCancel	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406	ALL	654834.4	4187017	2.57E-08	70YrCancel	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3407	ALL	654842.5	4187041	2.61E-08	70YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408	ALL	654850.6	4187064	2.66E-08	70YrCancel	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409	ALL	654858.6	4187087	2.71E-08	70YrCancel	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410	ALL	654866.7	4187111	2.75E-08	70YrCancel	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411	ALL	654874.8	4187134	2.79E-08	70YrCancel	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412	ALL	654882.8	4187157	2.83E-08	70YrCancel	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413	ALL	654890.9	4187180	2.87E-08	70YrCancel	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414	ALL	654898.9	4187204	2.91E-08	70YrCancel	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3415	ALL	654907	4187227	2.94E-08	70YrCancel	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416	ALL	654915.1	4187250	2.97E-08	70YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417	ALL	654923.1	4187274	3.00E-08	70YrCancel	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418	ALL	654931.2	4187297	3.02E-08	70YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419	ALL	654939.3	4187320	3.04E-08	70YrCancel	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420	ALL	654947.3	4187344	3.06E-08	70YrCancel	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421	ALL	654955.4	4187367	3.07E-08	70YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422	ALL	654963.4	4187390	3.08E-08	70YrCancel	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423	ALL	654971.5	4187414	3.08E-08	70YrCancel	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424	ALL	654979.6	4187437	3.08E-08	70YrCancel	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425	ALL	654987.6	4187460	3.07E-08	70YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426	ALL	654995.7	4187484	3.07E-08	70YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427	ALL	655003.7	4187507	3.06E-08	70YrCancel	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428	ALL	655011.8	4187530	3.05E-08	70YrCancel	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429	ALL	655019.9	4187553	3.03E-08	70YrCancel	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430	ALL	655027.9	4187577	3.02E-08	70YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431	ALL	655036	4187600	3.01E-08	70YrCancel	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432	ALL	655044.1	4187623	3.00E-08	70YrCancel	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433	ALL	655052.1	4187647	2.99E-08	70YrCancel	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3434	ALL	655060.2	4187670	2.97E-08	70YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435	ALL	655068.2	4187693	2.96E-08	70YrCancel	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436	ALL	655076.3	4187717	2.94E-08	70YrCancel	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437	ALL	655084.4	4187740	2.92E-08	70YrCancel	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438	ALL	655092.4	4187763	2.90E-08	70YrCancel	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439	ALL	655100.5	4187787	2.87E-08	70YrCancel	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440	ALL	655108.6	4187810	2.83E-08	70YrCancel	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441	ALL	655116.6	4187833	2.80E-08	70YrCancel	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442	ALL	655124.7	4187856	2.75E-08	70YrCancel	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443	ALL	655132.7	4187880	2.71E-08	70YrCancel	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444	ALL	655140.8	4187903	2.67E-08	70YrCancel	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445	ALL	655148.9	4187926	2.63E-08	70YrCancel	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446	ALL	655156.9	4187950	2.58E-08	70YrCancel	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447	ALL	653854.4	4186528	1.66E-08	70YrCancel	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448	ALL	653829.6	4186527	1.64E-08	70YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449	ALL	653804.9	4186527	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450	ALL	653780.1	4186526	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451	ALL	653755.3	4186525	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452	ALL	653730.5	4186525	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453	ALL	653883.5	4186288	1.29E-08	70YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454	ALL	653905.9	4186299	1.31E-08	70YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3455	ALL	653928.3	4186309	1.34E-08	70YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456	ALL	653950.7	4186319	1.37E-08	70YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457	ALL	653973.1	4186330	1.40E-08	70YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3458	ALL	653995.5	4186340	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459	ALL	654017.9	4186350	1.46E-08	70YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460	ALL	654040.3	4186360	1.48E-08	70YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461	ALL	654062.7	4186371	1.50E-08	70YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462	ALL	654085.1	4186381	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463	ALL	654107.5	4186391	1.54E-08	70YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464	ALL	654129.9	4186402	1.56E-08	70YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465	ALL	654152.3	4186412	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466	ALL	654174.7	4186422	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467	ALL	654197.1	4186432	1.63E-08	70YrCancel	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468	ALL	654219.5	4186443	1.65E-08	70YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469	ALL	654241.9	4186453	1.68E-08	70YrCancel	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470	ALL	654264.3	4186463	1.70E-08	70YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3471	ALL	654286.7	4186474	1.72E-08	70YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472	ALL	654309.1	4186484	1.75E-08	70YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473	ALL	654331.5	4186494	1.77E-08	70YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474	ALL	654353.9	4186504	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475	ALL	654376.3	4186515	1.80E-08	70YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476	ALL	654398.7	4186525	1.81E-08	70YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477	ALL	654421.1	4186535	1.82E-08	70YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478	ALL	654443.5	4186546	1.82E-08	70YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479	ALL	654465.9	4186556	1.81E-08	70YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480	ALL	654488.3	4186566	1.81E-08	70YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481	ALL	654510.7	4186576	1.80E-08	70YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482	ALL	654533.1	4186587	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483	ALL	654555.5	4186597	1.78E-08	70YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484	ALL	654577.9	4186607	1.78E-08	70YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485	ALL	654600.3	4186618	1.77E-08	70YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486	ALL	654622.7	4186628	1.77E-08	70YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487	ALL	654645.1	4186638	1.78E-08	70YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488	ALL	654667.5	4186648	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489	ALL	654689.9	4186659	1.80E-08	70YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490	ALL	654712.3	4186669	1.81E-08	70YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491	ALL	654734.7	4186679	1.83E-08	70YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492	ALL	654757.1	4186690	1.84E-08	70YrCancel	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493	ALL	654779.5	4186700	1.86E-08	70YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494	ALL	654801.9	4186710	1.87E-08	70YrCancel	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495	ALL	654824.3	4186720	1.88E-08	70YrCancel	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496	ALL	654846.7	4186731	1.89E-08	70YrCancel	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497	ALL	654869.1	4186741	1.90E-08	70YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498	ALL	654891.5	4186751	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499	ALL	654913.9	4186762	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500	ALL	654936.3	4186772	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501	ALL	654958.7	4186782	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502	ALL	654981.1	4186792	1.90E-08	70YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3503	ALL	655011.6	4186826	1.93E-08	70YrCancel	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504	ALL	655019.6	4186849	1.96E-08	70YrCancel	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505	ALL	655027.7	4186873	1.99E-08	70YrCancel	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506	ALL	655035.7	4186896	2.02E-08	70YrCancel	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507	ALL	655043.8	4186919	2.05E-08	70YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508	ALL	655051.8	4186942	2.08E-08	70YrCancel	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509	ALL	655059.9	4186966	2.11E-08	70YrCancel	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510	ALL	655068	4186989	2.14E-08	70YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511	ALL	655076	4187012	2.16E-08	70YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512	ALL	655084.1	4187036	2.19E-08	70YrCancel	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513	ALL	655092.1	4187059	2.21E-08	70YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514	ALL	655100.2	4187082	2.24E-08	70YrCancel	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515	ALL	655108.2	4187106	2.26E-08	70YrCancel	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516	ALL	655116.3	4187129	2.28E-08	70YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517	ALL	655124.3	4187152	2.30E-08	70YrCancel	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518	ALL	655132.4	4187175	2.32E-08	70YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519	ALL	655140.5	4187199	2.33E-08	70YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520	ALL	655148.5	4187222	2.34E-08	70YrCancel	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521	ALL	655156.6	4187245	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522	ALL	655164.6	4187269	2.36E-08	70YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523	ALL	655172.7	4187292	2.36E-08	70YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524	ALL	655180.7	4187315	2.37E-08	70YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525	ALL	655188.8	4187338	2.37E-08	70YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526	ALL	655196.8	4187362	2.36E-08	70YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3527	ALL	655204.9	4187385	2.36E-08	70YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528	ALL	655213	4187408	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529	ALL	655221	4187432	2.34E-08	70YrCancel	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530	ALL	655229.1	4187455	2.34E-08	70YrCancel	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531	ALL	655237.1	4187478	2.33E-08	70YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532	ALL	655245.2	4187502	2.32E-08	70YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533	ALL	655253.2	4187525	2.31E-08	70YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534	ALL	655261.3	4187548	2.31E-08	70YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3535	ALL	655269.4	4187571	2.30E-08	70YrCancel	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536	ALL	655277.4	4187595	2.29E-08	70YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537	ALL	655285.5	4187618	2.29E-08	70YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538	ALL	655293.5	4187641	2.28E-08	70YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539	ALL	655301.6	4187665	2.27E-08	70YrCancel	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540	ALL	655309.6	4187688	2.26E-08	70YrCancel	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541	ALL	655317.7	4187711	2.24E-08	70YrCancel	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542	ALL	655325.7	4187734	2.23E-08	70YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543	ALL	655333.8	4187758	2.21E-08	70YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544	ALL	655341.9	4187781	2.18E-08	70YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545	ALL	655349.9	4187804	2.16E-08	70YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546	ALL	655358	4187828	2.13E-08	70YrCancel	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547	ALL	655366	4187851	2.10E-08	70YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548	ALL	655374.1	4187874	2.08E-08	70YrCancel	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3549	ALL	655382.1	4187898	2.05E-08	70YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550	ALL	655390.2	4187921	2.02E-08	70YrCancel	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3551	ALL	655398.3	4187944	1.99E-08	70YrCancel	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552	ALL	655406.3	4187967	1.96E-08	70YrCancel	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553	ALL	653861.1	4186278	1.26E-08	70YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554	ALL	653836.3	4186278	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555	ALL	653811.5	4186277	1.24E-08	70YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556	ALL	653786.8	4186276	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557	ALL	653762	4186276	1.22E-08	70YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558	ALL	653737.2	4186275	1.21E-08	70YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559	ALL	653890.2	4186039	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560	ALL	653912.6	4186049	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561	ALL	653934.9	4186059	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562	ALL	653957.3	4186069	1.07E-08	70YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563	ALL	653979.7	4186080	1.10E-08	70YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564	ALL	654002.1	4186090	1.12E-08	70YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565	ALL	654024.5	4186100	1.14E-08	70YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566	ALL	654046.9	4186111	1.16E-08	70YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567	ALL	654069.3	4186121	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568	ALL	654091.7	4186131	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569	ALL	654114	4186141	1.21E-08	70YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570	ALL	654136.4	4186152	1.22E-08	70YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571	ALL	654158.8	4186162	1.23E-08	70YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572	ALL	654181.2	4186172	1.25E-08	70YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573	ALL	654203.6	4186182	1.26E-08	70YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574	ALL	654226	4186193	1.28E-08	70YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575	ALL	654248.4	4186203	1.29E-08	70YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576	ALL	654270.8	4186213	1.31E-08	70YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577	ALL	654293.2	4186224	1.32E-08	70YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578	ALL	654315.5	4186234	1.34E-08	70YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579	ALL	654337.9	4186244	1.36E-08	70YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580	ALL	654360.3	4186254	1.37E-08	70YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581	ALL	654382.7	4186265	1.39E-08	70YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582	ALL	654405.1	4186275	1.40E-08	70YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3583	ALL	654427.5	4186285	1.42E-08	70YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584	ALL	654449.9	4186296	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585	ALL	654472.3	4186306	1.44E-08	70YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586	ALL	654494.6	4186316	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587	ALL	654517	4186326	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588	ALL	654539.4	4186337	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589	ALL	654561.8	4186347	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590	ALL	654584.2	4186357	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591	ALL	654606.6	4186367	1.44E-08	70YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592	ALL	654629	4186378	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593	ALL	654651.4	4186388	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594	ALL	654673.8	4186398	1.42E-08	70YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595	ALL	654696.1	4186409	1.42E-08	70YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596	ALL	654718.5	4186419	1.41E-08	70YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597	ALL	654740.9	4186429	1.41E-08	70YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598	ALL	654763.3	4186439	1.41E-08	70YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3599	ALL	654785.7	4186450	1.42E-08	70YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600	ALL	654808.1	4186460	1.42E-08	70YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601	ALL	654830.5	4186470	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602	ALL	654852.9	4186481	1.44E-08	70YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603	ALL	654875.2	4186491	1.45E-08	70YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604	ALL	654897.6	4186501	1.46E-08	70YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605	ALL	654920	4186511	1.47E-08	70YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606	ALL	654942.4	4186522	1.48E-08	70YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607	ALL	654964.8	4186532	1.49E-08	70YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608	ALL	654987.2	4186542	1.50E-08	70YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609	ALL	655009.6	4186553	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610	ALL	655032	4186563	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611	ALL	655054.4	4186573	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612	ALL	655076.7	4186583	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613	ALL	655099.1	4186594	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614	ALL	655121.5	4186604	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615	ALL	655143.9	4186614	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616	ALL	655166.3	4186624	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617	ALL	655196.7	4186658	1.53E-08	70YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618	ALL	655204.8	4186681	1.56E-08	70YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619	ALL	655212.8	4186705	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620	ALL	655220.9	4186728	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621	ALL	655228.9	4186751	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622	ALL	655237	4186774	1.64E-08	70YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623	ALL	655245	4186798	1.66E-08	70YrCancel	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624	ALL	655253.1	4186821	1.68E-08	70YrCancel	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625	ALL	655261.1	4186844	1.70E-08	70YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626	ALL	655269.2	4186868	1.72E-08	70YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627	ALL	655277.3	4186891	1.74E-08	70YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628	ALL	655285.3	4186914	1.75E-08	70YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629	ALL	655293.4	4186937	1.77E-08	70YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630	ALL	655301.4	4186961	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631	ALL	655309.5	4186984	1.80E-08	70YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632	ALL	655317.5	4187007	1.82E-08	70YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633	ALL	655325.6	4187031	1.83E-08	70YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634	ALL	655333.6	4187054	1.84E-08	70YrCancel	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635	ALL	655341.7	4187077	1.85E-08	70YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3636	ALL	655349.7	4187100	1.86E-08	70YrCancer	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637	ALL	655357.8	4187124	1.87E-08	70YrCancer	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638	ALL	655365.8	4187147	1.87E-08	70YrCancer	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3639	ALL	655373.9	4187170	1.88E-08	70YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3640	ALL	655381.9	4187194	1.88E-08	70YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL	655390	4187217	1.89E-08	70YrCancer	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL	655398	4187240	1.89E-08	70YrCancer	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL	655406.1	4187263	1.89E-08	70YrCancer	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL	655414.1	4187287	1.88E-08	70YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL	655422.2	4187310	1.88E-08	70YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL	655430.2	4187333	1.87E-08	70YrCancer	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3647	ALL	655438.3	4187356	1.87E-08	70YrCancer	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL	655446.3	4187380	1.86E-08	70YrCancer	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL	655454.4	4187403	1.86E-08	70YrCancer	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL	655462.4	4187426	1.85E-08	70YrCancer	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL	655470.5	4187450	1.85E-08	70YrCancer	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL	655478.5	4187473	1.84E-08	70YrCancer	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL	655486.6	4187496	1.84E-08	70YrCancer	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL	655494.6	4187519	1.83E-08	70YrCancer	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL	655502.7	4187543	1.83E-08	70YrCancer	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL	655510.8	4187566	1.82E-08	70YrCancer	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL	655518.8	4187589	1.82E-08	70YrCancer	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL	655526.9	4187613	1.81E-08	70YrCancer	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL	655534.9	4187636	1.80E-08	70YrCancer	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL	655543	4187659	1.80E-08	70YrCancer	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL	655551	4187682	1.79E-08	70YrCancer	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL	655559.1	4187706	1.77E-08	70YrCancer	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL	655567.1	4187729	1.76E-08	70YrCancer	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL	655575.2	4187752	1.75E-08	70YrCancer	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL	655583.2	4187776	1.73E-08	70YrCancer	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL	655591.3	4187799	1.71E-08	70YrCancer	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL	655599.3	4187822	1.69E-08	70YrCancer	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL	655607.4	4187845	1.67E-08	70YrCancer	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL	655615.4	4187869	1.65E-08	70YrCancer	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL	655623.5	4187892	1.63E-08	70YrCancer	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL	655631.5	4187915	1.61E-08	70YrCancer	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL	655639.6	4187939	1.59E-08	70YrCancer	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL	655647.6	4187962	1.57E-08	70YrCancer	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL	655655.7	4187985	1.55E-08	70YrCancer	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL	653867.8	4186028	9.99E-09	70YrCancer	9.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL	653843	4186028	9.90E-09	70YrCancer	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL	653818.2	4186027	9.81E-09	70YrCancer	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL	653793.4	4186026	9.74E-09	70YrCancer	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL	653768.7	4186026	9.67E-09	70YrCancer	9.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL	653743.9	4186025	9.63E-09	70YrCancer	9.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL	653903.5	4185539	6.88E-09	70YrCancer	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	653925.9	4185549	6.98E-09	70YrCancer	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	653948.2	4185559	7.08E-09	70YrCancer	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	653970.6	4185570	7.19E-09	70YrCancer	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	653993	4185580	7.30E-09	70YrCancer	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL	654015.4	4185590	7.42E-09	70YrCancer	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL	654037.7	4185600	7.54E-09	70YrCancer	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL	654060.1	4185611	7.65E-09	70YrCancer	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL	654082.5	4185621	7.77E-09	70YrCancer	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL	654104.8	4185631	7.88E-09	70YrCancer	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL	654127.2	4185641	7.99E-09	70YrCancer	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL	654149.6	4185652	8.09E-09	70YrCancer	8.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL	654172	4185662	8.18E-09	70YrCancer	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL	654194.3	4185672	8.27E-09	70YrCancer	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3695	ALL	654216.7	4185683	8.35E-09	70YrCancer	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	654239.1	4185693	8.42E-09	70YrCancer	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	654261.5	4185703	8.49E-09	70YrCancer	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	654283.8	4185713	8.56E-09	70YrCancer	8.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	654306.2	4185724	8.63E-09	70YrCancer	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	654328.6	4185734	8.71E-09	70YrCancer	8.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL	654350.9	4185744	8.79E-09	70YrCancer	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL	654373.3	4185754	8.87E-09	70YrCancer	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL	654395.7	4185765	8.96E-09	70YrCancer	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL	654418.1	4185775	9.05E-09	70YrCancer	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL	654440.4	4185785	9.14E-09	70YrCancer	9.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL	654462.8	4185796	9.23E-09	70YrCancer	9.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	654485.2	4185806	9.32E-09	70YrCancer	9.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	654507.5	4185816	9.41E-09	70YrCancer	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL	654529.9	4185826	9.51E-09	70YrCancer	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	654552.3	4185837	9.60E-09	70YrCancer	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	654574.7	4185847	9.69E-09	70YrCancer	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	654597	4185857	9.77E-09	70YrCancer	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	654619.4	4185867	9.85E-09	70YrCancer	9.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	654641.8	4185878	9.92E-09	70YrCancer	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL	654664.2	4185888	9.97E-09	70YrCancer	9.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	654686.5	4185898	1.00E-08	70YrCancer	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	654708.9	4185909	1.00E-08	70YrCancer	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	654731.3	4185919	1.00E-08	70YrCancer	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL	654753.6	4185929	1.00E-08	70YrCancer	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL	654776	4185939	1.00E-08	70YrCancer	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL	654798.4	4185950	9.98E-09	70YrCancer	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL	654820.8	4185960	9.94E-09	70YrCancer	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL	654843.1	4185970	9.90E-09	70YrCancer	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL	654865.5	4185980	9.85E-09	70YrCancer	9.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL	654887.9	4185991	9.81E-09	70YrCancer	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL	654910.2	4186001	9.77E-09	70YrCancer	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL	654932.6	4186011	9.73E-09	70YrCancer	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL	654955	4186021	9.70E-09	70YrCancer	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL	654977.4	4186032	9.68E-09	70YrCancer	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL	654999.7	4186042	9.67E-09	70YrCancer	9.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3731	ALL	655022.1	4186052	9.68E-09	70YrCancer	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732	ALL	655044.5	4186063	9.70E-09	70YrCancer	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733	ALL	655066.9	4186073	9.73E-09	70YrCancer	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734	ALL	655089.2	4186083	9.77E-09	70YrCancer	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735	ALL	655111.6	4186093	9.82E-09	70YrCancer	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736	ALL	655134	4186104	9.88E-09	70YrCancer	9.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3737	ALL	655156.3	4186114	9.94E-09	70YrCancer	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738	ALL	655178.7	4186124	1.00E-08	70YrCancer	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739	ALL	655201.1	4186134	1.01E-08	70YrCancer	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740	ALL	655223.5	4186145	1.01E-08	70YrCancer	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741	ALL	655245.8	4186155	1.02E-08	70YrCancer	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742	ALL	655268.2	4186165	1.02E-08	70YrCancer	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3743	ALL	655290.6	4186176	1.03E-08	70YrCancer	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744	ALL	655312.9	4186186	1.03E-08	70YrCancer	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745	ALL	655335.3	4186196	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746	ALL	655357.7	4186206	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747	ALL	655380.1	4186217	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748	ALL	655402.4	4186227	1.05E-08	70YrCancer	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749	ALL	655424.8	4186237	1.05E-08	70YrCancer	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750	ALL	655447.2	4186247	1.05E-08	70YrCancer	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3751	ALL	655469.5	4186258	1.05E-08	70YrCancer	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752	ALL	655491.9	4186268	1.05E-08	70YrCancer	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753	ALL	655514.3	4186278	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754	ALL	655536.7	4186289	1.04E-08	70YrCancer	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755	ALL	655567.1	4186322	1.05E-08	70YrCancer	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756	ALL	655575.1	4186345	1.06E-08	70YrCancer	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757	ALL	655583.2	4186369	1.08E-08	70YrCancer	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758	ALL	655591.2	4186392	1.09E-08	70YrCancer	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759	ALL	655599.3	4186415	1.10E-08	70YrCancer	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760	ALL	655607.3	4186438	1.11E-08	70YrCancer	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761	ALL	655615.4	4186462	1.12E-08	70YrCancer	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762	ALL	655623.4	4186485	1.13E-08	70YrCancer	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763	ALL	655631.5	4186508	1.14E-08	70YrCancer	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764	ALL	655639.5	4186531	1.15E-08	70YrCancer	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765	ALL	655647.5	4186555	1.16E-08	70YrCancer	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766	ALL	655655.6	4186578	1.17E-08	70YrCancer	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767	ALL	655663.6	4186601	1.18E-08	70YrCancer	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768	ALL	655671.7	4186625	1.19E-08	70YrCancer	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769	ALL	655679.7	4186648	1.20E-08	70YrCancer	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770	ALL	655687.8	4186671	1.21E-08	70YrCancer	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771	ALL	655695.8	4186694	1.22E-08	70YrCancer	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772	ALL	655703.9	4186718	1.23E-08	70YrCancer	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773	ALL	655711.9	4186741	1.24E-08	70YrCancer	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774	ALL	655720	4186764	1.25E-08	70YrCancer	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775	ALL	655728	4186787	1.25E-08	70YrCancer	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776	ALL	655736	4186811	1.26E-08	70YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777	ALL	655744.1	4186834	1.27E-08	70YrCancer	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778	ALL	655752.1	4186857	1.27E-08	70YrCancer	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779	ALL	655760.2	4186880	1.28E-08	70YrCancer	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780	ALL	655768.2	4186904	1.28E-08	70YrCancer	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781	ALL	655776.3	4186927	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782	ALL	655784.3	4186950	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783	ALL	655792.4	4186974	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784	ALL	655800.4	4186997	1.30E-08	70YrCancer	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785	ALL	655808.5	4187020	1.30E-08	70YrCancer	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786	ALL	655816.5	4187043	1.30E-08	70YrCancer	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787	ALL	655824.6	4187067	1.30E-08	70YrCancer	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788	ALL	655832.6	4187090	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789	ALL	655840.6	4187113	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790	ALL	655848.7	4187136	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3791	ALL	655856.7	4187160	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792	ALL	655864.8	4187183	1.28E-08	70YrCancer	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793	ALL	655872.8	4187206	1.28E-08	70YrCancer	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794	ALL	655880.9	4187229	1.28E-08	70YrCancer	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795	ALL	655888.9	4187253	1.27E-08	70YrCancer	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796	ALL	655897	4187276	1.27E-08	70YrCancer	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797	ALL	655905	4187299	1.27E-08	70YrCancer	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798	ALL	655913.1	4187323	1.26E-08	70YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799	ALL	655921.1	4187346	1.26E-08	70YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800	ALL	655929.2	4187369	1.26E-08	70YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801	ALL	655937.2	4187392	1.26E-08	70YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802	ALL	655945.2	4187416	1.26E-08	70YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803	ALL	655953.3	4187439	1.25E-08	70YrCancer	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804	ALL	655961.3	4187462	1.25E-08	70YrCancer	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805	ALL	655969.4	4187485	1.25E-08	70YrCancer	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806	ALL	655977.4	4187509	1.25E-08	70YrCancer	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3807	ALL	655985.5	4187532	1.24E-08	70YrCancer	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808	ALL	655993.5	4187555	1.24E-08	70YrCancer	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809	ALL	656001.6	4187578	1.24E-08	70YrCancer	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810	ALL	656009.6	4187602	1.23E-08	70YrCancer	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811	ALL	656017.7	4187625	1.23E-08	70YrCancer	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812	ALL	656025.7	4187648	1.22E-08	70YrCancer	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813	ALL	656033.8	4187671	1.21E-08	70YrCancer	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814	ALL	656041.8	4187695	1.20E-08	70YrCancer	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815	ALL	656049.8	4187718	1.19E-08	70YrCancer	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816	ALL	656057.9	4187741	1.18E-08	70YrCancer	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817	ALL	656065.9	4187765	1.17E-08	70YrCancer	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818	ALL	656074	4187788	1.16E-08	70YrCancer	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819	ALL	656082	4187811	1.15E-08	70YrCancer	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820	ALL	656090.1	4187834	1.14E-08	70YrCancer	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821	ALL	656098.1	4187858	1.13E-08	70YrCancer	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3822	ALL	656106.2	4187881	1.12E-08	70YrCancer	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823	ALL	656114.2	4187904	1.10E-08	70YrCancer	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824	ALL	656122.3	4187927	1.09E-08	70YrCancer	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825	ALL	656130.3	4187951	1.08E-08	70YrCancer	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826	ALL	656138.3	4187974	1.07E-08	70YrCancer	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827	ALL	656146.4	4187997	1.06E-08	70YrCancer	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828	ALL	656154.4	4188020	1.05E-08	70YrCancer	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829	ALL	653881.1	4185528	6.79E-09	70YrCancer	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830	ALL	653856.4	4185528	6.74E-09	70YrCancer	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831	ALL	653831.6	4185527	6.69E-09	70YrCancer	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832	ALL	653806.8	4185526	6.65E-09	70YrCancer	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833	ALL	653782	4185526	6.61E-09	70YrCancer	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834	ALL	653757.2	4185525	6.58E-09	70YrCancer	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835	ALL	653916.8	4185039	5.03E-09	70YrCancer	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836	ALL	653939.2	4185049	5.09E-09	70YrCancer	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837	ALL	653961.6	4185059	5.15E-09	70YrCancer	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3838	ALL	653983.9	4185070	5.22E-09	70YrCancer	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3839	ALL	654006.3	4185080	5.28E-09	70YrCancer	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840	ALL	654028.7	4185090	5.35E-09	70YrCancer	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841	ALL	654051	4185100	5.42E-09	70YrCancer	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842	ALL	654073.4	4185111	5.49E-09	70YrCancer	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843	ALL	654095.7	4185121	5.57E-09	70YrCancer	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844	ALL	654118.1	4185131	5.64E-09	70YrCancer	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845	ALL	654140.5	4185142	5.72E-09	70YrCancer	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846	ALL	654162.8	4185152	5.79E-09	70YrCancer	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847	ALL	654185.2	4185162	5.86E-09	70YrCancer	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848	ALL	654207.5	4185172	5.92E-09	70YrCancer	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849	ALL	654229.9	4185183	5.99E-09	70YrCancer	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850	ALL	654252.3	4185193	6.04E-09	70YrCancer	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851	ALL	654274.6	4185203	6.10E-09	70YrCancer	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852	ALL	654297	4185213	6.14E-09	70YrCancer	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853	ALL	654319.4	4185224	6.19E-09	70YrCancer	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854	ALL	654341.7	4185234	6.23E-09	70YrCancer	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855	ALL	654364.1	4185244	6.27E-09	70YrCancer	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856	ALL	654386.4	4185255	6.31E-09	70YrCancer	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857	ALL	654408.8	4185265	6.35E-09	70YrCancer	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858	ALL	654431.2	4185275	6.40E-09	70YrCancer	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859	ALL	654453.5	4185285	6.45E-09	70YrCancer	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860	ALL	654475.9	4185296	6.50E-09	70YrCancer	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861	ALL	654498.2	4185306	6.55E-09	70YrCancer	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862	ALL	654520.6	4185316	6.60E-09	70YrCancer	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3863	ALL	654543	4185326	6.66E-09	70YrCancer	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864	ALL	654565.3	4185337	6.72E-09	70YrCancer	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865	ALL	654587.7	4185347	6.77E-09	70YrCancer	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866	ALL	654610.1	4185357	6.83E-09	70YrCancer	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867	ALL	654632.4	4185367	6.88E-09	70YrCancer	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868	ALL	654654.8	4185378	6.94E-09	70YrCancer	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869	ALL	654677.1	4185388	7.00E-09	70YrCancer	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870	ALL	654699.5	4185398	7.06E-09	70YrCancer	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871	ALL	654721.9	4185409	7.11E-09	70YrCancer	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872	ALL	654744.2	4185419	7.17E-09	70YrCancer	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873	ALL	654766.6	4185429	7.23E-09	70YrCancer	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874	ALL	654788.9	4185439	7.28E-09	70YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875	ALL	654811.3	4185450	7.33E-09	70YrCancer	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876	ALL	654833.7	4185460	7.37E-09	70YrCancer	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877	ALL	654856	4185470	7.40E-09	70YrCancer	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878	ALL	654878.4	4185480	7.42E-09	70YrCancer	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879	ALL	654900.8	4185491	7.44E-09	70YrCancer	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880	ALL	654923.1	4185501	7.44E-09	70YrCancer	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881	ALL	654945.5	4185511	7.44E-09	70YrCancer	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882	ALL	654967.8	4185521	7.42E-09	70YrCancer	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883	ALL	654990.2	4185532	7.41E-09	70YrCancer	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884	ALL	655012.6	4185542	7.39E-09	70YrCancer	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885	ALL	655034.9	4185552	7.36E-09	70YrCancer	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886	ALL	655057.3	4185563	7.33E-09	70YrCancer	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3887	ALL	655079.6	4185573	7.30E-09	70YrCancer	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888	ALL	655102	4185583	7.27E-09	70YrCancer	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889	ALL	655124.4	4185593	7.25E-09	70YrCancer	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890	ALL	655146.7	4185604	7.22E-09	70YrCancer	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891	ALL	655169.1	4185614	7.19E-09	70YrCancer	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892	ALL	655191.5	4185624	7.17E-09	70YrCancer	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893	ALL	655213.8	4185634	7.15E-09	70YrCancer	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894	ALL	655236.2	4185645	7.14E-09	70YrCancer	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895	ALL	655258.5	4185655	7.13E-09	70YrCancer	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896	ALL	655280.9	4185665	7.13E-09	70YrCancer	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897	ALL	655303.3	4185675	7.14E-09	70YrCancer	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898	ALL	655325.6	4185686	7.16E-09	70YrCancer	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899	ALL	655348	4185696	7.18E-09	70YrCancer	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900	ALL	655370.4	4185706	7.21E-09	70YrCancer	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901	ALL	655392.7	4185717	7.24E-09	70YrCancer	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902	ALL	655415.1	4185727	7.28E-09	70YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903	ALL	655437.4	4185737	7.32E-09	70YrCancer	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904	ALL	655459.8	4185747	7.36E-09	70YrCancer	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905	ALL	655482.2	4185758	7.40E-09	70YrCancer	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906	ALL	655504.5	4185768	7.44E-09	70YrCancer	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907	ALL	655526.9	4185778	7.48E-09	70YrCancer	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908	ALL	655549.2	4185788	7.51E-09	70YrCancer	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909	ALL	655571.6	4185799	7.55E-09	70YrCancer	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910	ALL	655594	4185809	7.58E-09	70YrCancer	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911	ALL	655616.3	4185819	7.61E-09	70YrCancer	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912	ALL	655638.7	4185829	7.64E-09	70YrCancer	7.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3913	ALL	655661.1	4185840	7.67E-09	70YrCancer	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914	ALL	655683.4	4185850	7.69E-09	70YrCancer	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915	ALL	655705.8	4185860	7.71E-09	70YrCancer	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916	ALL	655728.1	4185871	7.73E-09	70YrCancer	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917	ALL	655750.5	4185881	7.74E-09	70YrCancer	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918	ALL	655772.9	4185891	7.74E-09	70YrCancer	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3919	ALL	655795.2	4185901	7.74E-09	70YrCancer	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920	ALL	655817.6	4185912	7.73E-09	70YrCancer	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921	ALL	655839.9	4185922	7.72E-09	70YrCancer	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922	ALL	655862.3	4185932	7.71E-09	70YrCancer	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923	ALL	655884.7	4185942	7.70E-09	70YrCancer	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924	ALL	655907	4185953	7.69E-09	70YrCancer	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925	ALL	655937.4	4185986	7.75E-09	70YrCancer	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926	ALL	655945.5	4186009	7.82E-09	70YrCancer	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927	ALL	655953.5	4186033	7.89E-09	70YrCancer	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928	ALL	655961.6	4186056	7.97E-09	70YrCancer	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929	ALL	655969.6	4186079	8.04E-09	70YrCancer	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930	ALL	655977.6	4186102	8.11E-09	70YrCancer	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931	ALL	655985.7	4186126	8.18E-09	70YrCancer	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932	ALL	655993.7	4186149	8.25E-09	70YrCancer	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933	ALL	656001.8	4186172	8.31E-09	70YrCancer	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934	ALL	656009.8	4186195	8.38E-09	70YrCancer	8.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3935	ALL	656017.9	4186219	8.44E-09	70YrCancer	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936	ALL	656025.9	4186242	8.50E-09	70YrCancer	8.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937	ALL	656033.9	4186265	8.56E-09	70YrCancer	8.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938	ALL	656042	4186288	8.63E-09	70YrCancer	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3939	ALL	656050	4186312	8.68E-09	70YrCancer	8.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940	ALL	656058.1	4186335	8.74E-09	70YrCancer	8.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941	ALL	656066.1	4186358	8.80E-09	70YrCancer	8.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942	ALL	656074.2	4186382	8.87E-09	70YrCancer	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943	ALL	656082.2	4186405	8.93E-09	70YrCancer	8.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944	ALL	656090.2	4186428	8.99E-09	70YrCancer	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945	ALL	656098.3	4186451	9.05E-09	70YrCancer	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946	ALL	656106.3	4186475	9.10E-09	70YrCancer	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947	ALL	656114.4	4186498	9.16E-09	70YrCancer	9.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948	ALL	656122.4	4186521	9.20E-09	70YrCancer	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949	ALL	656130.4	4186544	9.25E-09	70YrCancer	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950	ALL	656138.5	4186568	9.29E-09	70YrCancer	9.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951	ALL	656146.5	4186591	9.33E-09	70YrCancer	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952	ALL	656154.6	4186614	9.36E-09	70YrCancer	9.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953	ALL	656162.6	4186637	9.39E-09	70YrCancer	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954	ALL	656170.7	4186661	9.42E-09	70YrCancer	9.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955	ALL	656178.7	4186684	9.45E-09	70YrCancer	9.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956	ALL	656186.7	4186707	9.48E-09	70YrCancer	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957	ALL	656194.8	4186730	9.51E-09	70YrCancer	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958	ALL	656202.8	4186754	9.53E-09	70YrCancer	9.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959	ALL	656210.9	4186777	9.55E-09	70YrCancer	9.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960	ALL	656218.9	4186800	9.57E-09	70YrCancer	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961	ALL	656227	4186823	9.58E-09	70YrCancer	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962	ALL	656235	4186847	9.58E-09	70YrCancer	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963	ALL	656243	4186870	9.58E-09	70YrCancer	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964	ALL	656251.1	4186893	9.57E-09	70YrCancer	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965	ALL	656259.1	4186916	9.56E-09	70YrCancer	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966	ALL	656267.2	4186940	9.54E-09	70YrCancer	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967	ALL	656275.2	4186963	9.52E-09	70YrCancer	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968	ALL	656283.3	4186986	9.50E-09	70YrCancer	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969	ALL	656291.3	4187009	9.47E-09	70YrCancer	9.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970	ALL	656299.3	4187033	9.45E-09	70YrCancer	9.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971	ALL	656307.4	4187056	9.43E-09	70YrCancer	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972	ALL	656315.4	4187079	9.41E-09	70YrCancer	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973	ALL	656323.5	4187102	9.39E-09	70YrCancer	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974	ALL	656331.5	4187126	9.37E-09	70YrCancer	9.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3975	ALL	656339.5	4187149	9.35E-09	70YrCancer	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3976	ALL	656347.6	4187172	9.34E-09	70YrCancer	9.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3977	ALL	656355.6	4187195	9.32E-09	70YrCancer	9.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3978	ALL	656363.7	4187219	9.30E-09	70YrCancer	9.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3979	ALL	656371.7	4187242	9.29E-09	70YrCancer	9.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3980	ALL	656379.8	4187265	9.27E-09	70YrCancer	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3981	ALL	656387.8	4187288	9.26E-09	70YrCancer	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3982	ALL	656395.8	4187312	9.25E-09	70YrCancer	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3983	ALL	656403.9	4187335	9.23E-09	70YrCancer	9.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3984	ALL	656411.9	4187358	9.22E-09	70YrCancer	9.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3985	ALL	656420	4187381	9.21E-09	70YrCancer	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3986	ALL	656428	4187405	9.20E-09	70YrCancer	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3987	ALL	656436.1	4187428	9.19E-09	70YrCancer	9.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3988	ALL	656444.1	4187451	9.17E-09	70YrCancer	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3989	ALL	656452.1	4187474	9.15E-09	70YrCancer	9.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3990	ALL	656460.2	4187498	9.13E-09	70YrCancer	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3991	ALL	656468.2	4187521	9.10E-09	70YrCancer	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3992	ALL	656476.3	4187544	9.07E-09	70YrCancer	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3993	ALL	656484.3	4187567	9.04E-09	70YrCancer	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3994	ALL	656492.3	4187591	9.00E-09	70YrCancer	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3995	ALL	656500.4	4187614	8.95E-09	70YrCancer	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3996	ALL	656508.4	4187637	8.90E-09	70YrCancer	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3997	ALL	656516.5	4187661	8.84E-09	70YrCancer	8.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3998	ALL	656524.5	4187684	8.78E-09	70YrCancer	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3999	ALL	656532.6	4187707	8.72E-09	70YrCancer	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4000	ALL	656540.6	4187730	8.65E-09	70YrCancer	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4001	ALL	656548.6	4187754	8.58E-09	70YrCancer	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	ALL	656556.7	4187777	8.51E-09	70YrCancer	8.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	ALL	656564.7	4187800	8.43E-09	70YrCancer	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4004	ALL	656572.8	4187823	8.36E-09	70YrCancer	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	ALL	656580.8	4187847	8.29E-09	70YrCancer	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	ALL	656588.9	4187870	8.21E-09	70YrCancer	8.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	ALL	656596.9	4187893	8.14E-09	70YrCancer	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	ALL	656604.9	4187916	8.07E-09	70YrCancer	8.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	ALL	656613	4187940	8.01E-09	70YrCancer	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4010	ALL	656621	4187963	7.94E-09	70YrCancer	7.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4011	ALL	656629.1	4187986	7.88E-09	70YrCancer	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4012	ALL	656637.1	4188009	7.82E-09	70YrCancer	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4013	ALL	656645.2	4188033	7.76E-09	70YrCancer	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4014	ALL	656653.2	4188056	7.71E-09	70YrCancer	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4015	ALL	653894.5	4185029	4.98E-09	70YrCancer	4.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4016	ALL	653869.7	4185028	4.95E-09	70YrCancer	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4017	ALL	653844.9	4185027	4.92E-09	70YrCancer	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4018	ALL	653820.1	4185027	4.89E-09	70YrCancer	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4019	ALL	653795.4	4185026	4.86E-09	70YrCancer	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4020	ALL	653770.6	4185025	4.84E-09	70YrCancer	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4021	ALL	653930.2	4184539	3.87E-09	70YrCancer	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4022	ALL	653952.5	4184549	3.91E-09	70YrCancer	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4023	ALL	653974.9	4184560	3.95E-09	70YrCancer	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4024	ALL	653997.3	4184570	3.99E-09	70YrCancer	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4025	ALL	654019.6	4184580	4.04E-09	70YrCancer	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4026	ALL	654042	4184590	4.08E-09	70YrCancer	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4027	ALL	654064.3	4184601	4.13E-09	70YrCancer	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4028	ALL	654086.7	4184611	4.17E-09	70YrCancer	4.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4029	ALL	654109	4184621	4.22E-09	70YrCancer	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4030	ALL	654131.4	4184631	4.27E-09	70YrCancer	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4031	ALL	654153.7	4184642	4.32E-09	70YrCancer	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4032	ALL	654176.1	4184652	4.37E-09	70YrCancer	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4033	ALL	654198.4	4184662	4.42E-09	70YrCancer	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4034	ALL	654220.8	4184672	4.47E-09	70YrCancer	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4035	ALL	654243.2	4184683	4.52E-09	70YrCancer	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4036	ALL	654265.5	4184693	4.56E-09	70YrCancer	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4037	ALL	654287.9	4184703	4.61E-09	70YrCancer	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4038	ALL	654310.2	4184714	4.65E-09	70YrCancer	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4039	ALL	654332.6	4184724	4.69E-09	70YrCancer	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4040	ALL	654354.9	4184734	4.72E-09	70YrCancel	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4041	ALL	654377.3	4184744	4.75E-09	70YrCancel	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4042	ALL	654399.6	4184755	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4043	ALL	654422	4184765	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4044	ALL	654444.3	4184775	4.84E-09	70YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4045	ALL	654466.7	4184785	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4046	ALL	654489	4184796	4.89E-09	70YrCancel	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4047	ALL	654511.4	4184806	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4048	ALL	654533.8	4184816	4.94E-09	70YrCancel	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4049	ALL	654556.1	4184826	4.97E-09	70YrCancel	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4050	ALL	654578.5	4184837	5.01E-09	70YrCancel	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4051	ALL	654600.8	4184847	5.04E-09	70YrCancel	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4052	ALL	654623.2	4184857	5.08E-09	70YrCancel	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4053	ALL	654645.5	4184868	5.11E-09	70YrCancel	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4054	ALL	654667.9	4184878	5.15E-09	70YrCancel	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4055	ALL	654690.2	4184888	5.19E-09	70YrCancel	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4056	ALL	654712.6	4184898	5.22E-09	70YrCancel	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4057	ALL	654734.9	4184909	5.26E-09	70YrCancel	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4058	ALL	654757.3	4184919	5.30E-09	70YrCancel	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4059	ALL	654779.7	4184929	5.33E-09	70YrCancel	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4060	ALL	654802	4184939	5.37E-09	70YrCancel	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4061	ALL	654824.4	4184950	5.41E-09	70YrCancel	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4062	ALL	654846.7	4184960	5.45E-09	70YrCancel	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4063	ALL	654869.1	4184970	5.49E-09	70YrCancel	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4064	ALL	654891.4	4184980	5.53E-09	70YrCancel	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4065	ALL	654913.8	4184991	5.57E-09	70YrCancel	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4066	ALL	654936.1	4185001	5.61E-09	70YrCancel	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4067	ALL	654958.5	4185011	5.65E-09	70YrCancel	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4068	ALL	654980.8	4185021	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4069	ALL	655003.2	4185032	5.71E-09	70YrCancel	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4070	ALL	655025.6	4185042	5.74E-09	70YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4071	ALL	655047.9	4185052	5.76E-09	70YrCancel	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4072	ALL	655070.3	4185063	5.77E-09	70YrCancel	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4073	ALL	655092.6	4185073	5.78E-09	70YrCancel	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4074	ALL	655115	4185083	5.79E-09	70YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4075	ALL	655137.3	4185093	5.78E-09	70YrCancel	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4076	ALL	655159.7	4185104	5.78E-09	70YrCancel	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4077	ALL	655182	4185114	5.77E-09	70YrCancel	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4078	ALL	655204.4	4185124	5.75E-09	70YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4079	ALL	655226.7	4185134	5.74E-09	70YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4080	ALL	655249.1	4185145	5.72E-09	70YrCancel	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4081	ALL	655271.4	4185155	5.70E-09	70YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4082	ALL	655293.8	4185165	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4083	ALL	655316.2	4185175	5.66E-09	70YrCancel	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4084	ALL	655338.5	4185186	5.64E-09	70YrCancel	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4085	ALL	655360.9	4185196	5.62E-09	70YrCancel	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4086	ALL	655383.2	4185206	5.60E-09	70YrCancel	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4087	ALL	655405.6	4185216	5.58E-09	70YrCancel	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4088	ALL	655427.9	4185227	5.56E-09	70YrCancel	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4089	ALL	655450.3	4185237	5.55E-09	70YrCancel	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4090	ALL	655472.6	4185247	5.54E-09	70YrCancel	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4091	ALL	655495	4185258	5.53E-09	70YrCancel	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4092	ALL	655517.3	4185268	5.52E-09	70YrCancel	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4093	ALL	655539.7	4185278	5.52E-09	70YrCancel	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4094	ALL	655562.1	4185288	5.53E-09	70YrCancel	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4095	ALL	655584.4	4185299	5.54E-09	70YrCancel	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4096	ALL	655606.8	4185309	5.55E-09	70YrCancel	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4097	ALL	655629.1	4185319	5.57E-09	70YrCancel	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4098	ALL	655651.5	4185329	5.59E-09	70YrCancel	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4099	ALL	655673.8	4185340	5.61E-09	70YrCancel	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4100	ALL	655696.2	4185350	5.64E-09	70YrCancel	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4101	ALL	655718.5	4185360	5.67E-09	70YrCancel	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4102	ALL	655740.9	4185370	5.70E-09	70YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4103	ALL	655763.2	4185381	5.72E-09	70YrCancel	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4104	ALL	655785.6	4185391	5.75E-09	70YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4105	ALL	655808	4185401	5.78E-09	70YrCancel	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4106	ALL	655830.3	4185411	5.80E-09	70YrCancel	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4107	ALL	655852.7	4185422	5.83E-09	70YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4108	ALL	655875	4185432	5.85E-09	70YrCancel	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4109	ALL	655897.4	4185442	5.87E-09	70YrCancel	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4110	ALL	655919.7	4185453	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4111	ALL	655942.1	4185463	5.91E-09	70YrCancel	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4112	ALL	655964.4	4185473	5.93E-09	70YrCancel	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4113	ALL	655986.8	4185483	5.95E-09	70YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4114	ALL	656009.1	4185494	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4115	ALL	656031.5	4185504	5.98E-09	70YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4116	ALL	656053.9	4185514	6.00E-09	70YrCancel	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4117	ALL	656076.2	4185524	6.00E-09	70YrCancel	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4118	ALL	656098.6	4185535	6.01E-09	70YrCancel	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4119	ALL	656120.9	4185545	6.01E-09	70YrCancel	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4120	ALL	656143.3	4185555	6.01E-09	70YrCancel	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4121	ALL	656165.6	4185565	6.00E-09	70YrCancel	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4122	ALL	656188	4185576	6.00E-09	70YrCancel	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4123	ALL	656210.3	4185586	5.99E-09	70YrCancel	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4124	ALL	656232.7	4185596	5.98E-09	70YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4125	ALL	656255	4185606	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4126	ALL	656277.4	4185617	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4127	ALL	656307.8	4185650	6.00E-09	70YrCancel	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4128	ALL	656315.8	4185674	6.05E-09	70YrCancel	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4129	ALL	656323.9	4185697	6.10E-09	70YrCancel	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4130	ALL	656331.9	4185720	6.15E-09	70YrCancel	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4131	ALL	656339.9	4185743	6.20E-09	70YrCancel	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4132	ALL	656348	4185766	6.24E-09	70YrCancel	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4133	ALL	656356	4185790	6.29E-09	70YrCancel	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4134	ALL	656364.1	4185813	6.34E-09	70YrCancel	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4135	ALL	656372.1	4185836	6.38E-09	70YrCancel	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4136	ALL	656380.1	4185859	6.42E-09	70YrCancel	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4137	ALL	656388.2	4185883	6.47E-09	70YrCancel	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4138	ALL	656396.2	4185906	6.51E-09	70YrCancel	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4139	ALL	656404.3	4185929	6.55E-09	70YrCancel	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4140	ALL	656412.3	4185952	6.59E-09	70YrCancel	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4141	ALL	656420.3	4185976	6.63E-09	70YrCancer	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4142	ALL	656428.4	4185999	6.67E-09	70YrCancer	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4143	ALL	656436.4	4186022	6.71E-09	70YrCancer	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4144	ALL	656444.5	4186045	6.75E-09	70YrCancer	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4145	ALL	656452.5	4186069	6.79E-09	70YrCancer	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4146	ALL	656460.5	4186092	6.83E-09	70YrCancer	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4147	ALL	656468.6	4186115	6.87E-09	70YrCancer	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4148	ALL	656476.6	4186138	6.91E-09	70YrCancer	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4149	ALL	656484.7	4186162	6.95E-09	70YrCancer	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4150	ALL	656492.7	4186185	6.99E-09	70YrCancer	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4151	ALL	656500.7	4186208	7.03E-09	70YrCancer	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4152	ALL	656508.8	4186231	7.07E-09	70YrCancer	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4153	ALL	656516.8	4186255	7.10E-09	70YrCancer	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4154	ALL	656524.9	4186278	7.13E-09	70YrCancer	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4155	ALL	656532.9	4186301	7.16E-09	70YrCancer	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4156	ALL	656540.9	4186324	7.19E-09	70YrCancer	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4157	ALL	656549	4186348	7.22E-09	70YrCancer	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4158	ALL	656557	4186371	7.24E-09	70YrCancer	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4159	ALL	656565.1	4186394	7.26E-09	70YrCancer	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4160	ALL	656573.1	4186417	7.28E-09	70YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4161	ALL	656581.1	4186441	7.30E-09	70YrCancer	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4162	ALL	656589.2	4186464	7.32E-09	70YrCancer	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4163	ALL	656597.2	4186487	7.34E-09	70YrCancer	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4164	ALL	656605.3	4186510	7.36E-09	70YrCancer	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4165	ALL	656613.3	4186534	7.38E-09	70YrCancer	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4166	ALL	656621.3	4186557	7.40E-09	70YrCancer	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4167	ALL	656629.4	4186580	7.41E-09	70YrCancer	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4168	ALL	656637.4	4186603	7.42E-09	70YrCancer	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4169	ALL	656645.5	4186627	7.43E-09	70YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4170	ALL	656653.5	4186650	7.43E-09	70YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4171	ALL	656661.5	4186673	7.43E-09	70YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4172	ALL	656669.6	4186696	7.43E-09	70YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4173	ALL	656677.6	4186720	7.42E-09	70YrCancer	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4174	ALL	656685.6	4186743	7.40E-09	70YrCancer	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4175	ALL	656693.7	4186766	7.39E-09	70YrCancer	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4176	ALL	656701.7	4186789	7.38E-09	70YrCancer	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4177	ALL	656709.8	4186813	7.36E-09	70YrCancer	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4178	ALL	656717.8	4186836	7.34E-09	70YrCancer	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4179	ALL	656725.8	4186859	7.33E-09	70YrCancer	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4180	ALL	656733.9	4186882	7.31E-09	70YrCancer	7.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4181	ALL	656741.9	4186906	7.30E-09	70YrCancer	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4182	ALL	656750	4186929	7.28E-09	70YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4183	ALL	656758	4186952	7.27E-09	70YrCancer	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4184	ALL	656766	4186975	7.26E-09	70YrCancer	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4185	ALL	656774.1	4186999	7.25E-09	70YrCancer	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4186	ALL	656782.1	4187022	7.23E-09	70YrCancer	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4187	ALL	656790.2	4187045	7.22E-09	70YrCancer	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4188	ALL	656798.2	4187068	7.21E-09	70YrCancer	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4189	ALL	656806.2	4187092	7.20E-09	70YrCancer	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4190	ALL	656814.3	4187115	7.19E-09	70YrCancer	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4191	ALL	656822.3	4187138	7.18E-09	70YrCancer	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4192	ALL	656830.4	4187161	7.17E-09	70YrCancer	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4193	ALL	656838.4	4187185	7.16E-09	70YrCancer	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4194	ALL	656846.4	4187208	7.15E-09	70YrCancer	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4195	ALL	656854.5	4187231	7.15E-09	70YrCancer	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4196	ALL	656862.5	4187254	7.14E-09	70YrCancer	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4197	ALL	656870.6	4187278	7.13E-09	70YrCancer	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4198	ALL	656878.6	4187301	7.13E-09	70YrCancer	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4199	ALL	656886.6	4187324	7.12E-09	70YrCancer	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4200	ALL	656894.7	4187347	7.11E-09	70YrCancer	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4201	ALL	656902.7	4187371	7.10E-09	70YrCancer	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4202	ALL	656910.8	4187394	7.09E-09	70YrCancer	7.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4203	ALL	656918.8	4187417	7.08E-09	70YrCancer	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4204	ALL	656926.8	4187440	7.06E-09	70YrCancer	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4205	ALL	656934.9	4187464	7.04E-09	70YrCancer	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4206	ALL	656942.9	4187487	7.02E-09	70YrCancer	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4207	ALL	656951	4187510	7.00E-09	70YrCancer	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4208	ALL	656959	4187533	6.97E-09	70YrCancer	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4209	ALL	656967	4187557	6.94E-09	70YrCancer	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4210	ALL	656975.1	4187580	6.91E-09	70YrCancer	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4211	ALL	656983.1	4187603	6.87E-09	70YrCancer	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4212	ALL	656991.2	4187626	6.83E-09	70YrCancer	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4213	ALL	656999.2	4187649	6.79E-09	70YrCancer	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4214	ALL	657007.2	4187673	6.74E-09	70YrCancer	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4215	ALL	657015.3	4187696	6.70E-09	70YrCancer	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4216	ALL	657023.3	4187719	6.65E-09	70YrCancer	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4217	ALL	657031.4	4187742	6.60E-09	70YrCancer	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4218	ALL	657039.4	4187766	6.55E-09	70YrCancer	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4219	ALL	657047.4	4187789	6.50E-09	70YrCancer	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4220	ALL	657055.5	4187812	6.45E-09	70YrCancer	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4221	ALL	657063.5	4187835	6.40E-09	70YrCancer	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4222	ALL	657071.5	4187859	6.35E-09	70YrCancer	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4223	ALL	657079.6	4187882	6.30E-09	70YrCancer	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4224	ALL	657087.6	4187905	6.25E-09	70YrCancer	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4225	ALL	657095.7	4187928	6.21E-09	70YrCancer	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4226	ALL	657103.7	4187952	6.16E-09	70YrCancer	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4227	ALL	657111.7	4187975	6.12E-09	70YrCancer	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4228	ALL	657119.8	4187998	6.08E-09	70YrCancer	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4229	ALL	657127.8	4188021	6.04E-09	70YrCancer	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4230	ALL	657135.9	4188045	6.00E-09	70YrCancer	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4231	ALL	657143.9	4188068	5.97E-09	70YrCancer	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4232	ALL	657151.9	4188091	5.93E-09	70YrCancer	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4233	ALL	653907.8	4184529	3.84E-09	70YrCancer	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4234	ALL	653883.1	4184528	3.82E-09	70YrCancer	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4235	ALL	653858.3	4184527	3.80E-09	70YrCancer	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4236	ALL	653833.5	4184527	3.78E-09	70YrCancer	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4237	ALL	653808.7	4184526	3.76E-09	70YrCancer	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4238	ALL	653783.9	4184525	3.74E-09	70YrCancer	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4239	ALL	653943.5	4184039	3.09E-09	70YrCancer	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4240	ALL	653965.9	4184050	3.12E-09	70YrCancer	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4241	ALL	653988.2	4184060	3.15E-09	70YrCancer	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4242	ALL	654010.6	4184070	3.17E-09	70YrCancer	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4243	ALL	654032.9	4184080	3.20E-09	70YrCancer	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4244	ALL	654055.3	4184091	3.23E-09	70YrCancer	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4245	ALL	654077.6	4184101	3.27E-09	70YrCancer	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4246	ALL	654100	4184111	3.30E-09	70YrCancer	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4247	ALL	654122.3	4184121	3.33E-09	70YrCancer	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4248	ALL	654144.7	4184132	3.36E-09	70YrCancer	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4249	ALL	654167	4184142	3.40E-09	70YrCancer	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4250	ALL	654189.4	4184152	3.43E-09	70YrCancer	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4251	ALL	654211.7	4184162	3.47E-09	70YrCancer	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4252	ALL	654234.1	4184173	3.50E-09	70YrCancer	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4253	ALL	654256.4	4184183	3.54E-09	70YrCancer	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4254	ALL	654278.8	4184193	3.57E-09	70YrCancer	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4255	ALL	654301.1	4184203	3.61E-09	70YrCancer	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4256	ALL	654323.5	4184214	3.64E-09	70YrCancer	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4257	ALL	654345.8	4184224	3.67E-09	70YrCancer	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4258	ALL	654368.2	4184234	3.71E-09	70YrCancer	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4259	ALL	654390.5	4184244	3.74E-09	70YrCancer	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4260	ALL	654412.9	4184255	3.76E-09	70YrCancer	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4261	ALL	654435.2	4184265	3.79E-09	70YrCancer	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4262	ALL	654457.6	4184275	3.81E-09	70YrCancer	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4263	ALL	654479.9	4184286	3.83E-09	70YrCancer	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4264	ALL	654502.3	4184296	3.85E-09	70YrCancer	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4265	ALL	654524.6	4184306	3.87E-09	70YrCancer	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4266	ALL	654547	4184316	3.89E-09	70YrCancer	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4267	ALL	654569.3	4184327	3.91E-09	70YrCancer	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4268	ALL	654591.7	4184337	3.92E-09	70YrCancer	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4269	ALL	654614	4184347	3.94E-09	70YrCancer	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4270	ALL	654636.4	4184357	3.96E-09	70YrCancer	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4271	ALL	654658.7	4184368	3.98E-09	70YrCancer	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4272	ALL	654681.1	4184378	4.00E-09	70YrCancer	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4273	ALL	654703.4	4184388	4.02E-09	70YrCancer	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4274	ALL	654725.8	4184398	4.05E-09	70YrCancer	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4275	ALL	654748.1	4184409	4.07E-09	70YrCancer	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4276	ALL	654770.4	4184419	4.10E-09	70YrCancer	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4277	ALL	654792.8	4184429	4.13E-09	70YrCancer	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4278	ALL	654815.1	4184439	4.15E-09	70YrCancer	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4279	ALL	654837.5	4184450	4.18E-09	70YrCancer	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4280	ALL	654859.8	4184460	4.20E-09	70YrCancer	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4281	ALL	654882.2	4184470	4.23E-09	70YrCancer	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4282	ALL	654904.5	4184480	4.26E-09	70YrCancer	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4283	ALL	654926.9	4184491	4.28E-09	70YrCancer	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4284	ALL	654949.2	4184501	4.31E-09	70YrCancer	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4285	ALL	654971.6	4184511	4.33E-09	70YrCancer	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4286	ALL	654993.9	4184522	4.36E-09	70YrCancer	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4287	ALL	655016.3	4184532	4.39E-09	70YrCancer	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4288	ALL	655038.6	4184542	4.42E-09	70YrCancer	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4289	ALL	655061	4184552	4.45E-09	70YrCancer	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4290	ALL	655083.3	4184563	4.48E-09	70YrCancer	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4291	ALL	655105.7	4184573	4.51E-09	70YrCancer	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4292	ALL	655128	4184583	4.54E-09	70YrCancer	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4293	ALL	655150.4	4184593	4.56E-09	70YrCancer	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4294	ALL	655172.7	4184604	4.59E-09	70YrCancer	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4295	ALL	655195.1	4184614	4.61E-09	70YrCancer	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4296	ALL	655217.4	4184624	4.62E-09	70YrCancer	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4297	ALL	655239.8	4184634	4.64E-09	70YrCancer	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4298	ALL	655262.1	4184645	4.65E-09	70YrCancer	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4299	ALL	655284.5	4184655	4.65E-09	70YrCancer	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4300	ALL	655306.8	4184665	4.66E-09	70YrCancer	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4301	ALL	655329.2	4184675	4.66E-09	70YrCancer	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4302	ALL	655351.5	4184686	4.65E-09	70YrCancer	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4303	ALL	655373.9	4184696	4.65E-09	70YrCancer	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4304	ALL	655396.2	4184706	4.64E-09	70YrCancer	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4305	ALL	655418.6	4184716	4.63E-09	70YrCancer	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4306	ALL	655440.9	4184727	4.61E-09	70YrCancer	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4307	ALL	655463.3	4184737	4.60E-09	70YrCancer	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4308	ALL	655485.6	4184747	4.59E-09	70YrCancer	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4309	ALL	655508	4184758	4.57E-09	70YrCancer	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4310	ALL	655530.3	4184768	4.56E-09	70YrCancer	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4311	ALL	655552.7	4184778	4.54E-09	70YrCancer	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4312	ALL	655575	4184788	4.53E-09	70YrCancer	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4313	ALL	655597.4	4184799	4.52E-09	70YrCancer	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4314	ALL	655619.7	4184809	4.50E-09	70YrCancer	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4315	ALL	655642.1	4184819	4.49E-09	70YrCancer	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4316	ALL	655664.4	4184829	4.47E-09	70YrCancer	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4317	ALL	655686.8	4184840	4.46E-09	70YrCancer	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4318	ALL	655709.1	4184850	4.45E-09	70YrCancer	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4319	ALL	655731.5	4184860	4.44E-09	70YrCancer	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4320	ALL	655753.8	4184870	4.44E-09	70YrCancer	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4321	ALL	655776.1	4184881	4.43E-09	70YrCancer	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4322	ALL	655798.5	4184891	4.43E-09	70YrCancer	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4323	ALL	655820.8	4184901	4.44E-09	70YrCancer	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4324	ALL	655843.2	4184911	4.44E-09	70YrCancer	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4325	ALL	655865.5	4184922	4.45E-09	70YrCancer	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4326	ALL	655887.9	4184932	4.46E-09	70YrCancer	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4327	ALL	655910.2	4184942	4.48E-09	70YrCancer	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4328	ALL	655932.6	4184952	4.49E-09	70YrCancer	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4329	ALL	655954.9	4184963	4.51E-09	70YrCancer	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4330	ALL	655977.3	4184973	4.53E-09	70YrCancer	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4331	ALL	655999.6	4184983	4.55E-09	70YrCancer	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4332	ALL	656022	4184994	4.57E-09	70YrCancer	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4333	ALL	656044.3	4185004	4.59E-09	70YrCancer	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4334	ALL	656066.7	4185014	4.61E-09	70YrCancer	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4335	ALL	656089	4185024	4.63E-09	70YrCancer	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4336	ALL	656111.4	4185035	4.65E-09	70YrCancer	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4337	ALL	656133.7	4185045	4.67E-09	70YrCancer	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4338	ALL	656156.1	4185055	4.68E-09	70YrCancer	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4339	ALL	656178.4	4185065	4.70E-09	70YrCancer	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4340	ALL	656200.8	4185076	4.72E-09	70YrCancer	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4341	ALL	656223.1	4185086	4.73E-09	70YrCancer	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4342	ALL	656245.5	4185096	4.75E-09	70YrCancer	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4343	ALL	656267.8	4185106	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4344	ALL	656290.2	4185117	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4345	ALL	656312.5	4185127	4.79E-09	70YrCancel	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4346	ALL	656334.9	4185137	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4347	ALL	656357.2	4185147	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4348	ALL	656379.6	4185158	4.82E-09	70YrCancel	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4349	ALL	656401.9	4185168	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4350	ALL	656424.3	4185178	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4351	ALL	656446.6	4185188	4.84E-09	70YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4352	ALL	656469	4185199	4.84E-09	70YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4353	ALL	656491.3	4185209	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4354	ALL	656513.7	4185219	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4355	ALL	656536	4185230	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4356	ALL	656558.4	4185240	4.82E-09	70YrCancel	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4357	ALL	656580.7	4185250	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4358	ALL	656603.1	4185260	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4359	ALL	656625.4	4185271	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4360	ALL	656647.8	4185281	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4361	ALL	656678.1	4185314	4.82E-09	70YrCancel	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4362	ALL	656686.2	4185338	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4363	ALL	656694.2	4185361	4.89E-09	70YrCancel	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4364	ALL	656702.3	4185384	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4365	ALL	656710.3	4185407	4.96E-09	70YrCancel	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4366	ALL	656718.3	4185431	4.99E-09	70YrCancel	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4367	ALL	656726.4	4185454	5.03E-09	70YrCancel	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4368	ALL	656734.4	4185477	5.06E-09	70YrCancel	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4369	ALL	656742.4	4185500	5.09E-09	70YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4370	ALL	656750.5	4185524	5.12E-09	70YrCancel	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4371	ALL	656758.5	4185547	5.15E-09	70YrCancel	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4372	ALL	656766.6	4185570	5.18E-09	70YrCancel	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4373	ALL	656774.6	4185593	5.21E-09	70YrCancel	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4374	ALL	656782.6	4185616	5.24E-09	70YrCancel	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4375	ALL	656790.7	4185640	5.27E-09	70YrCancel	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4376	ALL	656798.7	4185663	5.29E-09	70YrCancel	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4377	ALL	656806.7	4185686	5.32E-09	70YrCancel	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4378	ALL	656814.8	4185709	5.35E-09	70YrCancel	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4379	ALL	656822.8	4185733	5.38E-09	70YrCancel	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4380	ALL	656830.9	4185756	5.40E-09	70YrCancel	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4381	ALL	656838.9	4185779	5.43E-09	70YrCancel	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4382	ALL	656846.9	4185802	5.46E-09	70YrCancel	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4383	ALL	656855	4185826	5.49E-09	70YrCancel	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4384	ALL	656863	4185849	5.51E-09	70YrCancel	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4385	ALL	656871	4185872	5.54E-09	70YrCancel	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4386	ALL	656879.1	4185895	5.57E-09	70YrCancel	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4387	ALL	656887.1	4185919	5.60E-09	70YrCancel	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4388	ALL	656895.2	4185942	5.63E-09	70YrCancel	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4389	ALL	656903.2	4185965	5.66E-09	70YrCancel	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4390	ALL	656911.2	4185988	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4391	ALL	656919.3	4186012	5.71E-09	70YrCancel	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4392	ALL	656927.3	4186035	5.73E-09	70YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4393	ALL	656935.3	4186058	5.75E-09	70YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4394	ALL	656943.4	4186081	5.77E-09	70YrCancel	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4395	ALL	656951.4	4186105	5.79E-09	70YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4396	ALL	656959.5	4186128	5.80E-09	70YrCancel	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4397	ALL	656967.5	4186151	5.82E-09	70YrCancel	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4398	ALL	656975.5	4186174	5.83E-09	70YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4399	ALL	656983.6	4186198	5.85E-09	70YrCancel	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4400	ALL	656991.6	4186221	5.86E-09	70YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4401	ALL	656999.6	4186244	5.88E-09	70YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4402	ALL	657007.7	4186267	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4403	ALL	657015.7	4186290	5.91E-09	70YrCancel	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4404	ALL	657023.8	4186314	5.92E-09	70YrCancel	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4405	ALL	657031.8	4186337	5.94E-09	70YrCancel	5.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4406	ALL	657039.8	4186360	5.95E-09	70YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4407	ALL	657047.9	4186383	5.96E-09	70YrCancel	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4408	ALL	657055.9	4186407	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4409	ALL	657063.9	4186430	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4410	ALL	657072	4186453	5.98E-09	70YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4411	ALL	657080	4186476	5.98E-09	70YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4412	ALL	657088.1	4186500	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4413	ALL	657096.1	4186523	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4414	ALL	657104.1	4186546	5.96E-09	70YrCancel	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4415	ALL	657112.2	4186569	5.95E-09	70YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4416	ALL	657120.2	4186593	5.94E-09	70YrCancel	5.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4417	ALL	657128.2	4186616	5.92E-09	70YrCancel	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4418	ALL	657136.3	4186639	5.91E-09	70YrCancel	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4419	ALL	657144.3	4186662	5.90E-09	70YrCancel	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4420	ALL	657152.4	4186686	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4421	ALL	657160.4	4186709	5.88E-09	70YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4422	ALL	657168.4	4186732	5.86E-09	70YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4423	ALL	657176.5	4186755	5.85E-09	70YrCancel	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4424	ALL	657184.5	4186779	5.84E-09	70YrCancel	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4425	ALL	657192.6	4186802	5.84E-09	70YrCancel	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4426	ALL	657200.6	4186825	5.83E-09	70YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4427	ALL	657208.6	4186848	5.82E-09	70YrCancel	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4428	ALL	657216.7	4186872	5.81E-09	70YrCancel	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4429	ALL	657224.7	4186895	5.80E-09	70YrCancel	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4430	ALL	657232.7	4186918	5.79E-09	70YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4431	ALL	657240.8	4186941	5.78E-09	70YrCancel	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4432	ALL	657248.8	4186964	5.77E-09	70YrCancel	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4433	ALL	657256.9	4186988	5.76E-09	70YrCancel	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4434	ALL	657264.9	4187011	5.76E-09	70YrCancel	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4435	ALL	657272.9	4187034	5.75E-09	70YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4436	ALL	657281	4187057	5.74E-09	70YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4437	ALL	657289	4187081	5.74E-09	70YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4438	ALL	657297	4187104	5.73E-09	70YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4439	ALL	657305.1	4187127	5.73E-09	70YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4440	ALL	657313.1	4187150	5.73E-09	70YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4441	ALL	657321.2	4187174	5.72E-09	70YrCancel	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4442	ALL	657329.2	4187197	5.72E-09	70YrCancel	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4443	ALL	657337.2	4187220	5.72E-09	70YrCancel	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4444	ALL	657345.3	4187243	5.71E-09	70YrCancel	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4445	ALL	657353.3	4187267	5.71E-09	70YrCancel	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4446	ALL	657361.3	4187290	5.70E-09	70YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4447	ALL	657369.4	4187313	5.69E-09	70YrCancel	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4448	ALL	657377.4	4187336	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4449	ALL	657385.5	4187360	5.67E-09	70YrCancel	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4450	ALL	657393.5	4187383	5.66E-09	70YrCancel	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4451	ALL	657401.5	4187406	5.65E-09	70YrCancel	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4452	ALL	657409.6	4187429	5.63E-09	70YrCancel	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4453	ALL	657417.6	4187453	5.62E-09	70YrCancel	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4454	ALL	657425.6	4187476	5.60E-09	70YrCancel	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4455	ALL	657433.7	4187499	5.57E-09	70YrCancel	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4456	ALL	657441.7	4187522	5.55E-09	70YrCancel	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4457	ALL	657449.8	4187546	5.53E-09	70YrCancel	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4458	ALL	657457.8	4187569	5.50E-09	70YrCancel	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4459	ALL	657465.8	4187592	5.47E-09	70YrCancel	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4460	ALL	657473.9	4187615	5.44E-09	70YrCancel	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4461	ALL	657481.9	4187638	5.41E-09	70YrCancel	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4462	ALL	657489.9	4187662	5.37E-09	70YrCancel	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4463	ALL	657498	4187685	5.34E-09	70YrCancel	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4464	ALL	657506	4187708	5.30E-09	70YrCancel	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4465	ALL	657514.1	4187731	5.27E-09	70YrCancel	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4466	ALL	657522.1	4187755	5.23E-09	70YrCancel	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4467	ALL	657530.1	4187778	5.19E-09	70YrCancel	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4468	ALL	657538.2	4187801	5.16E-09	70YrCancel	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4469	ALL	657546.2	4187824	5.12E-09	70YrCancel	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4470	ALL	657554.2	4187848	5.09E-09	70YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4471	ALL	657562.3	4187871	5.05E-09	70YrCancel	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4472	ALL	657570.3	4187894	5.02E-09	70YrCancel	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4473	ALL	657578.4	4187917	4.98E-09	70YrCancel	4.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4474	ALL	657586.4	4187941	4.95E-09	70YrCancel	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4475	ALL	657594.4	4187964	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4476	ALL	657602.5	4187987	4.89E-09	70YrCancel	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4477	ALL	657610.5	4188010	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4478	ALL	657618.5	4188034	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4479	ALL	657626.6	4188057	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4480	ALL	657634.6	4188080	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4481	ALL	657642.7	4188103	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4482	ALL	657650.7	4188127	4.73E-09	70YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4483	ALL	653921.2	4184029	3.06E-09	70YrCancel	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4484	ALL	653896.4	4184028	3.05E-09	70YrCancel	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4485	ALL	653871.6	4184028	3.04E-09	70YrCancel	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4486	ALL	653846.9	4184027	3.02E-09	70YrCancel	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4487	ALL	653822.1	4184026	3.01E-09	70YrCancel	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4488	ALL	653797.3	4184026	3.00E-09	70YrCancel	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4489	ALL	653669.5	4187873	1.15E-06	70YrCancel	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4490	ALL	653667.7	4187915	1.99E-06	70YrCancel	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4491	ALL	653665.9	4187957	3.68E-06	70YrCancel	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4492	ALL	653652.5	4187855	8.22E-07	70YrCancel	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4493	ALL	653643.6	4187893	1.12E-06	70YrCancel	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4494	ALL	653641.8	4187935	1.79E-06	70YrCancel	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4495	ALL	653640	4187977	2.73E-06	70YrCancel	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4496	ALL	653627.5	4187854	6.66E-07	70YrCancel	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4497	ALL	653661.1	4187813	5.93E-07	70YrCancel	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4498	ALL	653618.6	4187892	8.64E-07	70YrCancel	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4499	ALL	653616.8	4187934	1.28E-06	70YrCancel	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4500	ALL	653615	4187975	1.76E-06	70YrCancel	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4501	ALL	653602.5	4187853	5.48E-07	70YrCancel	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4502	ALL	653618.4	4187818	4.80E-07	70YrCancel	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4503	ALL	653644	4187794	4.73E-07	70YrCancel	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4504	ALL	653593.7	4187891	6.93E-07	70YrCancel	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4505	ALL	653591.8	4187933	9.61E-07	70YrCancel	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4506	ALL	653590	4187974	1.24E-06	70YrCancel	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4507	ALL	653552.5	4187851	3.98E-07	70YrCancel	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4508	ALL	653568.4	4187816	3.51E-07	70YrCancel	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4509	ALL	653584.3	4187782	3.16E-07	70YrCancel	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4510	ALL	653609.9	4187758	3.18E-07	70YrCancel	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4511	ALL	653645.3	4187744	3.40E-07	70YrCancel	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4512	ALL	653543.7	4187889	4.76E-07	70YrCancel	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4513	ALL	653541.9	4187930	5.99E-07	70YrCancel	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4514	ALL	653540.1	4187972	7.15E-07	70YrCancel	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4515	ALL	653502.6	4187848	3.03E-07	70YrCancel	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4516	ALL	653518.5	4187814	2.74E-07	70YrCancel	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4517	ALL	653534.3	4187780	2.46E-07	70YrCancel	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4518	ALL	653550.2	4187745	2.26E-07	70YrCancel	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4519	ALL	653575.8	4187721	2.29E-07	70YrCancel	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4520	ALL	653611.2	4187708	2.48E-07	70YrCancel	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4521	ALL	653646.7	4187694	2.55E-07	70YrCancel	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4522	ALL	653493.8	4187886	3.46E-07	70YrCancel	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4523	ALL	653491.9	4187928	4.12E-07	70YrCancel	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4524	ALL	653490.1	4187970	4.72E-07	70YrCancel	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4525	ALL	653452.6	4187846	2.37E-07	70YrCancel	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4526	ALL	653468.5	4187812	2.21E-07	70YrCancel	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4527	ALL	653484.4	4187777	2.01E-07	70YrCancel	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4528	ALL	653500.2	4187743	1.84E-07	70YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4529	ALL	653516.1	4187709	1.71E-07	70YrCancel	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4530	ALL	653541.7	4187685	1.73E-07	70YrCancel	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4531	ALL	653577.2	4187671	1.87E-07	70YrCancel	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4532	ALL	653612.6	4187658	1.98E-07	70YrCancel	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4533	ALL	653648	4187645	1.97E-07	70YrCancel	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4534	ALL	653443.8	4187884	2.63E-07	70YrCancel	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4535	ALL	653442	4187926	3.03E-07	70YrCancel	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4536	ALL	653440.2	4187968	3.38E-07	70YrCancel	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4537	ALL	653403.4	4187842	1.90E-07	70YrCancel	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4538	ALL	653420.7	4187805	1.79E-07	70YrCancel	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4539	ALL	653438	4187767	1.66E-07	70YrCancel	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4540	ALL	653455.3	4187730	1.51E-07	70YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4541	ALL	653472.6	4187692	1.39E-07	70YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4542	ALL	653509.2	4187648	1.36E-07	70YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4543	ALL	653547.9	4187633	1.48E-07	70YrCancel	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4544	ALL	653586.5	4187618	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4545	ALL	653625.2	4187604	1.60E-07	70YrCancel	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4546	ALL	653663.8	4187589	1.53E-07	70YrCancel	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4547	ALL	653393.8	4187882	2.08E-07	70YrCancel	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4548	ALL	653392	4187924	2.33E-07	70YrCancel	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4549	ALL	653390.2	4187966	2.56E-07	70YrCancel	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4550	ALL	653353.3	4187841	1.57E-07	70YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4551	ALL	653370.4	4187804	1.49E-07	70YrCancel	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4552	ALL	653387.5	4187766	1.41E-07	70YrCancel	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4553	ALL	653404.6	4187729	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4554	ALL	653421.7	4187692	1.20E-07	70YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4555	ALL	653438.8	4187655	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4556	ALL	653474.9	4187611	1.10E-07	70YrCancel	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4557	ALL	653513.1	4187597	1.19E-07	70YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4558	ALL	653551.2	4187582	1.27E-07	70YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4559	ALL	653589.4	4187568	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4560	ALL	653627.5	4187553	1.31E-07	70YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4561	ALL	653665.7	4187539	1.25E-07	70YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4562	ALL	653343.9	4187880	1.68E-07	70YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4563	ALL	653342.1	4187922	1.86E-07	70YrCancel	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4564	ALL	653340.3	4187963	2.01E-07	70YrCancel	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4565	ALL	653253.3	4187837	1.12E-07	70YrCancel	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4566	ALL	653270.1	4187800	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4567	ALL	653286.9	4187764	1.04E-07	70YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4568	ALL	653303.7	4187727	9.98E-08	70YrCancel	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4569	ALL	653320.5	4187691	9.44E-08	70YrCancel	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4570	ALL	653337.3	4187654	8.82E-08	70YrCancel	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4571	ALL	653354.1	4187618	8.27E-08	70YrCancel	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4572	ALL	653370.9	4187582	7.84E-08	70YrCancel	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4573	ALL	653406.4	4187538	7.70E-08	70YrCancel	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4574	ALL	653443.9	4187524	8.18E-08	70YrCancel	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4575	ALL	653481.4	4187510	8.69E-08	70YrCancel	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4576	ALL	653518.9	4187495	9.19E-08	70YrCancel	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4577	ALL	653556.4	4187481	9.50E-08	70YrCancel	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4578	ALL	653594	4187467	9.50E-08	70YrCancel	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4579	ALL	653631.5	4187453	9.21E-08	70YrCancel	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4580	ALL	653669	4187439	8.77E-08	70YrCancel	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4581	ALL	653244	4187876	1.18E-07	70YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4582	ALL	653242.2	4187917	1.27E-07	70YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4583	ALL	653240.4	4187959	1.36E-07	70YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4584	ALL	653153.7	4187831	8.43E-08	70YrCancel	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4585	ALL	653171.2	4187794	8.23E-08	70YrCancel	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4586	ALL	653188.6	4187756	7.94E-08	70YrCancel	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4587	ALL	653206.1	4187718	7.69E-08	70YrCancel	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4588	ALL	653223.5	4187680	7.43E-08	70YrCancel	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4589	ALL	653241	4187642	7.08E-08	70YrCancel	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4590	ALL	653258.4	4187604	6.68E-08	70YrCancel	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4591	ALL	653275.8	4187567	6.29E-08	70YrCancel	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4592	ALL	653293.3	4187529	5.98E-08	70YrCancel	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4593	ALL	653310.7	4187491	5.72E-08	70YrCancel	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4594	ALL	653339	4187465	5.74E-08	70YrCancel	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4595	ALL	653377.9	4187450	6.06E-08	70YrCancel	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4596	ALL	653416.9	4187435	6.39E-08	70YrCancel	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4597	ALL	653455.9	4187420	6.75E-08	70YrCancel	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4598	ALL	653494.8	4187406	7.07E-08	70YrCancel	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4599	ALL	653533.8	4187391	7.24E-08	70YrCancel	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4600	ALL	653572.8	4187376	7.22E-08	70YrCancel	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4601	ALL	653611.7	4187361	7.02E-08	70YrCancel	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4602	ALL	653650.7	4187347	6.72E-08	70YrCancel	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4603	ALL	653144.1	4187871	8.79E-08	70YrCancel	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4604	ALL	653142.3	4187913	9.36E-08	70YrCancel	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4605	ALL	653140.4	4187955	9.86E-08	70YrCancel	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4606	ALL	653053.7	4187827	6.61E-08	70YrCancel	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4607	ALL	653070.9	4187790	6.50E-08	70YrCancel	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4608	ALL	653088	4187753	6.34E-08	70YrCancel	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4609	ALL	653105.2	4187716	6.15E-08	70YrCancel	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4610	ALL	653122.4	4187678	6.00E-08	70YrCancel	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4611	ALL	653139.6	4187641	5.84E-08	70YrCancel	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4612	ALL	653156.8	4187604	5.62E-08	70YrCancel	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4613	ALL	653174	4187567	5.36E-08	70YrCancel	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4614	ALL	653191.1	4187529	5.08E-08	70YrCancel	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4615	ALL	653208.3	4187492	4.83E-08	70YrCancel	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4616	ALL	653225.5	4187455	4.64E-08	70YrCancel	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4617	ALL	653242.7	4187417	4.47E-08	70YrCancel	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4618	ALL	653270.5	4187392	4.47E-08	70YrCancel	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4619	ALL	653308.9	4187377	4.68E-08	70YrCancel	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4620	ALL	653347.2	4187363	4.90E-08	70YrCancel	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4621	ALL	653385.6	4187348	5.13E-08	70YrCancel	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4622	ALL	653424	4187333	5.38E-08	70YrCancel	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4623	ALL	653462.4	4187319	5.60E-08	70YrCancel	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4624	ALL	653500.7	4187304	5.72E-08	70YrCancel	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4625	ALL	653539.1	4187290	5.73E-08	70YrCancel	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4626	ALL	653577.5	4187275	5.62E-08	70YrCancel	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4627	ALL	653615.9	4187261	5.44E-08	70YrCancel	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4628	ALL	653654.3	4187246	5.21E-08	70YrCancel	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4629	ALL	653044.2	4187867	6.85E-08	70YrCancel	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4630	ALL	653042.4	4187909	7.22E-08	70YrCancel	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4631	ALL	653040.5	4187950	7.54E-08	70YrCancel	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4632	ALL	652953.7	4187823	5.34E-08	70YrCancel	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4633	ALL	652970.7	4187786	5.28E-08	70YrCancel	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4634	ALL	652987.7	4187750	5.19E-08	70YrCancel	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4635	ALL	653004.7	4187713	5.07E-08	70YrCancel	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4636	ALL	653021.7	4187676	4.93E-08	70YrCancel	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4637	ALL	653038.7	4187639	4.83E-08	70YrCancel	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4638	ALL	653055.6	4187602	4.73E-08	70YrCancel	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4639	ALL	653072.6	4187565	4.59E-08	70YrCancel	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4640	ALL	653089.6	4187528	4.41E-08	70YrCancel	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4641	ALL	653106.6	4187492	4.21E-08	70YrCancel	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4642	ALL	653123.6	4187455	4.02E-08	70YrCancel	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4643	ALL	653140.6	4187418	3.86E-08	70YrCancel	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4644	ALL	653157.6	4187381	3.72E-08	70YrCancel	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4645	ALL	653174.6	4187344	3.60E-08	70YrCancel	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4646	ALL	653202.1	4187318	3.60E-08	70YrCancel	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4647	ALL	653240	4187304	3.74E-08	70YrCancel	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4648	ALL	653278	4187290	3.89E-08	70YrCancel	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4649	ALL	653316	4187275	4.05E-08	70YrCancel	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4650	ALL	653353.9	4187261	4.23E-08	70YrCancel	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4651	ALL	653391.9	4187247	4.41E-08	70YrCancel	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4652	ALL	653429.8	4187232	4.56E-08	70YrCancel	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4653	ALL	653467.8	4187218	4.66E-08	70YrCancel	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4654	ALL	653505.7	4187204	4.67E-08	70YrCancel	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4655	ALL	653543.7	4187189	4.62E-08	70YrCancel	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4656	ALL	653581.7	4187175	4.50E-08	70YrCancel	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4657	ALL	653619.6	4187160	4.36E-08	70YrCancel	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4658	ALL	653657.6	4187146	4.18E-08	70YrCancel	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4659	ALL	652944.3	4187863	5.51E-08	70YrCancel	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4660	ALL	652942.5	4187904	5.76E-08	70YrCancel	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4661	ALL	652940.6	4187946	5.99E-08	70YrCancel	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4662	ALL	652854	4187818	4.43E-08	70YrCancel	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4663	ALL	652871.4	4187781	4.38E-08	70YrCancel	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4664	ALL	652888.8	4187743	4.32E-08	70YrCancel	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4665	ALL	652906.2	4187705	4.25E-08	70YrCancel	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4666	ALL	652923.6	4187668	4.14E-08	70YrCancel	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4667	ALL	652941	4187630	4.05E-08	70YrCancel	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4668	ALL	652958.4	4187592	3.98E-08	70YrCancel	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4669	ALL	652975.7	4187554	3.90E-08	70YrCancel	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4670	ALL	652993.1	4187517	3.79E-08	70YrCancel	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4671	ALL	653010.5	4187479	3.66E-08	70YrCancel	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4672	ALL	653027.9	4187441	3.51E-08	70YrCancel	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4673	ALL	653045.3	4187403	3.36E-08	70YrCancel	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4674	ALL	653062.7	4187366	3.23E-08	70YrCancel	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4675	ALL	653080.1	4187328	3.12E-08	70YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4676	ALL	653097.5	4187290	3.02E-08	70YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4677	ALL	653134.3	4187245	2.97E-08	70YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4678	ALL	653173.2	4187230	3.07E-08	70YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4679	ALL	653212.1	4187216	3.19E-08	70YrCancel	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4680	ALL	653250.9	4187201	3.31E-08	70YrCancel	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4681	ALL	653289.8	4187186	3.43E-08	70YrCancel	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4682	ALL	653328.6	4187172	3.57E-08	70YrCancel	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4683	ALL	653367.5	4187157	3.71E-08	70YrCancel	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4684	ALL	653406.3	4187142	3.82E-08	70YrCancel	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4685	ALL	653445.2	4187128	3.88E-08	70YrCancel	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4686	ALL	653484	4187113	3.89E-08	70YrCancel	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4687	ALL	653522.9	4187098	3.85E-08	70YrCancel	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4688	ALL	653561.8	4187083	3.76E-08	70YrCancel	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4689	ALL	653600.6	4187069	3.65E-08	70YrCancel	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4690	ALL	653639.5	4187054	3.51E-08	70YrCancel	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4691	ALL	653678.3	4187039	3.36E-08	70YrCancel	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4692	ALL	652844.4	4187858	4.55E-08	70YrCancel	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4693	ALL	652842.6	4187900	4.73E-08	70YrCancel	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4694	ALL	652840.7	4187942	4.89E-08	70YrCancel	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4695	ALL	652604.2	4187807	2.99E-08	70YrCancel	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4696	ALL	652621.7	4187770	2.96E-08	70YrCancel	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4697	ALL	652639.1	4187732	2.93E-08	70YrCancel	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4698	ALL	652656.6	4187694	2.91E-08	70YrCancel	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4699	ALL	652674	4187656	2.87E-08	70YrCancel	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4700	ALL	652691.5	4187618	2.82E-08	70YrCancel	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4701	ALL	652708.9	4187580	2.76E-08	70YrCancel	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4702	ALL	652726.4	4187543	2.72E-08	70YrCancel	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4703	ALL	652743.8	4187505	2.68E-08	70YrCancel	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4704	ALL	652761.3	4187467	2.64E-08	70YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4705	ALL	652778.7	4187429	2.60E-08	70YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4706	ALL	652796.2	4187391	2.54E-08	70YrCancel	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4707	ALL	652813.6	4187353	2.47E-08	70YrCancel	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4708	ALL	652831.1	4187316	2.39E-08	70YrCancel	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4709	ALL	652848.5	4187278	2.31E-08	70YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4710	ALL	652865.9	4187240	2.23E-08	70YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4711	ALL	652883.4	4187202	2.16E-08	70YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4712	ALL	652900.8	4187164	2.10E-08	70YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4713	ALL	652918.3	4187126	2.05E-08	70YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4714	ALL	652935.7	4187089	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4715	ALL	652963.9	4187062	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4716	ALL	653002.9	4187048	2.05E-08	70YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4717	ALL	653041.9	4187033	2.11E-08	70YrCancel	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4718	ALL	653080.9	4187018	2.17E-08	70YrCancel	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4719	ALL	653119.8	4187003	2.23E-08	70YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4720	ALL	653158.8	4186989	2.29E-08	70YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4721	ALL	653197.8	4186974	2.37E-08	70YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4722	ALL	653236.7	4186959	2.45E-08	70YrCancel	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4723	ALL	653275.7	4186944	2.53E-08	70YrCancel	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4724	ALL	653314.7	4186930	2.60E-08	70YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4725	ALL	653353.6	4186915	2.64E-08	70YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4726	ALL	653392.6	4186900	2.65E-08	70YrCancel	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4727	ALL	653431.6	4186885	2.65E-08	70YrCancel	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4728	ALL	653470.5	4186871	2.62E-08	70YrCancel	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4729	ALL	653509.5	4186856	2.57E-08	70YrCancel	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4730	ALL	653548.5	4186841	2.52E-08	70YrCancel	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4731	ALL	653587.5	4186826	2.45E-08	70YrCancel	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4732	ALL	653626.4	4186812	2.37E-08	70YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4733	ALL	653665.4	4186797	2.28E-08	70YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4734	ALL	652594.6	4187847	3.05E-08	70YrCancel	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4735	ALL	652592.8	4187889	3.14E-08	70YrCancel	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4736	ALL	652591	4187931	3.22E-08	70YrCancel	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4737	ALL	652354.5	4187797	2.18E-08	70YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4738	ALL	652372	4187759	2.16E-08	70YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4739	ALL	652389.5	4187721	2.14E-08	70YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4740	ALL	652406.9	4187683	2.12E-08	70YrCancel	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4741	ALL	652424.4	4187645	2.11E-08	70YrCancel	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4742	ALL	652441.9	4187607	2.10E-08	70YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4743	ALL	652459.4	4187569	2.07E-08	70YrCancel	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4744	ALL	652476.9	4187531	2.03E-08	70YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4745	ALL	652494.3	4187493	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4746	ALL	652511.8	4187455	1.97E-08	70YrCancel	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4747	ALL	652529.3	4187417	1.95E-08	70YrCancer	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4748	ALL	652546.8	4187380	1.93E-08	70YrCancer	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4749	ALL	652564.2	4187342	1.91E-08	70YrCancer	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4750	ALL	652581.7	4187304	1.88E-08	70YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4751	ALL	652599.2	4187266	1.85E-08	70YrCancer	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4752	ALL	652616.7	4187228	1.80E-08	70YrCancer	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4753	ALL	652634.2	4187190	1.75E-08	70YrCancer	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4754	ALL	652651.6	4187152	1.71E-08	70YrCancer	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4755	ALL	652669.1	4187114	1.66E-08	70YrCancer	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4756	ALL	652686.6	4187076	1.61E-08	70YrCancer	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4757	ALL	652704.1	4187038	1.57E-08	70YrCancer	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4758	ALL	652721.6	4187000	1.53E-08	70YrCancer	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4759	ALL	652739	4186963	1.50E-08	70YrCancer	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4760	ALL	652756.5	4186925	1.47E-08	70YrCancer	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4761	ALL	652793.5	4186879	1.45E-08	70YrCancer	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4762	ALL	652832.6	4186865	1.48E-08	70YrCancer	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4763	ALL	652871.6	4186850	1.51E-08	70YrCancer	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4764	ALL	652910.6	4186835	1.55E-08	70YrCancer	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4765	ALL	652949.7	4186820	1.59E-08	70YrCancer	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4766	ALL	652988.7	4186806	1.62E-08	70YrCancer	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4767	ALL	653027.8	4186791	1.66E-08	70YrCancer	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4768	ALL	653066.8	4186776	1.70E-08	70YrCancer	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4769	ALL	653105.9	4186761	1.75E-08	70YrCancer	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4770	ALL	653144.9	4186746	1.81E-08	70YrCancer	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4771	ALL	653183.9	4186732	1.86E-08	70YrCancer	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4772	ALL	653223	4186717	1.90E-08	70YrCancer	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4773	ALL	653262	4186702	1.92E-08	70YrCancer	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4774	ALL	653301.1	4186687	1.94E-08	70YrCancer	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4775	ALL	653340.1	4186673	1.95E-08	70YrCancer	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4776	ALL	653379.2	4186658	1.94E-08	70YrCancer	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4777	ALL	653418.2	4186643	1.92E-08	70YrCancer	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4778	ALL	653457.2	4186628	1.89E-08	70YrCancer	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4779	ALL	653496.3	4186613	1.86E-08	70YrCancer	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4780	ALL	653535.3	4186599	1.82E-08	70YrCancer	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4781	ALL	653574.4	4186584	1.78E-08	70YrCancer	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4782	ALL	653613.4	4186569	1.72E-08	70YrCancer	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4783	ALL	653652.4	4186554	1.66E-08	70YrCancer	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4784	ALL	653691.5	4186540	1.61E-08	70YrCancer	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4785	ALL	652344.8	4187836	2.21E-08	70YrCancer	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4786	ALL	652343	4187878	2.26E-08	70YrCancer	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4787	ALL	652341.2	4187920	2.30E-08	70YrCancer	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4788	ALL	652104.7	4187786	1.67E-08	70YrCancer	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4789	ALL	652122.2	4187748	1.66E-08	70YrCancer	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4790	ALL	652139.7	4187710	1.65E-08	70YrCancer	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4791	ALL	652157.2	4187672	1.63E-08	70YrCancer	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4792	ALL	652174.7	4187634	1.62E-08	70YrCancer	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4793	ALL	652192.3	4187596	1.61E-08	70YrCancer	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4794	ALL	652209.8	4187558	1.61E-08	70YrCancer	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4795	ALL	652227.3	4187520	1.59E-08	70YrCancer	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4796	ALL	652244.8	4187482	1.57E-08	70YrCancer	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4797	ALL	652262.3	4187444	1.55E-08	70YrCancer	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4798	ALL	652279.8	4187406	1.52E-08	70YrCancer	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4799	ALL	652297.3	4187368	1.51E-08	70YrCancer	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4800	ALL	652314.8	4187330	1.49E-08	70YrCancer	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4801	ALL	652332.3	4187292	1.48E-08	70YrCancer	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4802	ALL	652349.8	4187254	1.47E-08	70YrCancer	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4803	ALL	652367.3	4187216	1.45E-08	70YrCancer	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4804	ALL	652384.8	4187178	1.44E-08	70YrCancer	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4805	ALL	652402.3	4187140	1.41E-08	70YrCancer	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4806	ALL	652419.8	4187102	1.38E-08	70YrCancer	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4807	ALL	652437.3	4187064	1.35E-08	70YrCancer	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4808	ALL	652454.8	4187027	1.32E-08	70YrCancer	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4809	ALL	652472.3	4186989	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4810	ALL	652489.8	4186951	1.26E-08	70YrCancer	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4811	ALL	652507.3	4186913	1.23E-08	70YrCancer	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4812	ALL	652524.8	4186875	1.20E-08	70YrCancer	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4813	ALL	652542.3	4186837	1.18E-08	70YrCancer	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4814	ALL	652559.8	4186799	1.15E-08	70YrCancer	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4815	ALL	652577.3	4186761	1.13E-08	70YrCancer	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4816	ALL	652594.8	4186723	1.11E-08	70YrCancer	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4817	ALL	652623.1	4186696	1.11E-08	70YrCancer	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4818	ALL	652662.2	4186682	1.13E-08	70YrCancer	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4819	ALL	652701.3	4186667	1.15E-08	70YrCancer	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4820	ALL	652740.4	4186652	1.17E-08	70YrCancer	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4821	ALL	652779.5	4186637	1.20E-08	70YrCancer	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4822	ALL	652818.5	4186623	1.22E-08	70YrCancer	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4823	ALL	652857.6	4186608	1.24E-08	70YrCancer	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4824	ALL	652896.7	4186593	1.27E-08	70YrCancer	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4825	ALL	652935.8	4186578	1.29E-08	70YrCancer	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4826	ALL	652974.9	4186563	1.33E-08	70YrCancer	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4827	ALL	653014	4186549	1.36E-08	70YrCancer	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4828	ALL	653053.1	4186534	1.40E-08	70YrCancer	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4829	ALL	653092.2	4186519	1.43E-08	70YrCancer	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4830	ALL	653131.3	4186504	1.46E-08	70YrCancer	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4831	ALL	653170.4	4186489	1.48E-08	70YrCancer	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4832	ALL	653209.5	4186475	1.49E-08	70YrCancer	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4833	ALL	653248.6	4186460	1.50E-08	70YrCancer	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4834	ALL	653287.6	4186445	1.50E-08	70YrCancer	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4835	ALL	653326.7	4186430	1.49E-08	70YrCancer	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4836	ALL	653365.8	4186415	1.48E-08	70YrCancer	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4837	ALL	653404.9	4186401	1.46E-08	70YrCancer	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4838	ALL	653444	4186386	1.44E-08	70YrCancer	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4839	ALL	653483.1	4186371	1.42E-08	70YrCancer	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4840	ALL	653522.2	4186356	1.39E-08	70YrCancer	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4841	ALL	653561.3	4186341	1.36E-08	70YrCancer	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4842	ALL	653600.4	4186327	1.32E-08	70YrCancer	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4843	ALL	653639.5	4186312	1.28E-08	70YrCancer	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4844	ALL	653678.6	4186297	1.24E-08	70YrCancer	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4845	ALL	652095.1	4187826	1.68E-08	70YrCancer	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4846	ALL	652093.3	4187867	1.71E-08	70YrCancer	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4847	ALL	652091.4	4187909	1.74E-08	70YrCancer	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4848	ALL	651854.9	4187775	1.32E-08	70YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4849	ALL	651872.1	4187738	1.32E-08	70YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4850	ALL	651889.4	4187700	1.31E-08	70YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4851	ALL	651906.6	4187663	1.30E-08	70YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4852	ALL	651923.9	4187625	1.29E-08	70YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4853	ALL	651941.2	4187588	1.29E-08	70YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4854	ALL	651958.4	4187550	1.28E-08	70YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4855	ALL	651975.7	4187513	1.28E-08	70YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4856	ALL	651992.9	4187476	1.27E-08	70YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4857	ALL	652010.2	4187438	1.26E-08	70YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4858	ALL	652027.5	4187401	1.24E-08	70YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4859	ALL	652044.7	4187363	1.22E-08	70YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4860	ALL	652062	4187326	1.21E-08	70YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4861	ALL	652079.2	4187288	1.20E-08	70YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4862	ALL	652096.5	4187251	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4863	ALL	652113.8	4187214	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4864	ALL	652131	4187176	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4865	ALL	652148.3	4187139	1.16E-08	70YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4866	ALL	652165.5	4187101	1.15E-08	70YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4867	ALL	652182.8	4187064	1.14E-08	70YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4868	ALL	652200.1	4187026	1.13E-08	70YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4869	ALL	652217.3	4186989	1.11E-08	70YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4870	ALL	652234.6	4186952	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4871	ALL	652251.8	4186914	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4872	ALL	652269.1	4186877	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4873	ALL	652286.4	4186839	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4874	ALL	652303.6	4186802	9.99E-09	70YrCancel	9.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4875	ALL	652320.9	4186764	9.79E-09	70YrCancel	9.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4876	ALL	652338.1	4186727	9.60E-09	70YrCancel	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4877	ALL	652355.4	4186689	9.44E-09	70YrCancel	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4878	ALL	652372.7	4186652	9.28E-09	70YrCancel	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4879	ALL	652389.9	4186615	9.13E-09	70YrCancel	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4880	ALL	652407.2	4186577	9.00E-09	70YrCancel	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4881	ALL	652424.5	4186540	8.86E-09	70YrCancel	8.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4882	ALL	652452.4	4186514	8.85E-09	70YrCancel	8.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4883	ALL	652490.9	4186499	8.96E-09	70YrCancel	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4884	ALL	652529.5	4186485	9.09E-09	70YrCancel	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4885	ALL	652568	4186470	9.24E-09	70YrCancel	9.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4886	ALL	652606.6	4186455	9.41E-09	70YrCancel	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4887	ALL	652645.1	4186441	9.59E-09	70YrCancel	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4888	ALL	652683.7	4186426	9.75E-09	70YrCancel	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4889	ALL	652722.2	4186412	9.89E-09	70YrCancel	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4890	ALL	652760.8	4186397	1.00E-08	70YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4891	ALL	652799.3	4186382	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4892	ALL	652837.9	4186368	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4893	ALL	652876.4	4186353	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4894	ALL	652915	4186339	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4895	ALL	652953.5	4186324	1.12E-08	70YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4896	ALL	652992.1	4186309	1.14E-08	70YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4897	ALL	653030.7	4186295	1.16E-08	70YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4898	ALL	653069.2	4186280	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4899	ALL	653107.8	4186266	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4900	ALL	653146.3	4186251	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4901	ALL	653184.9	4186237	1.20E-08	70YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4902	ALL	653223.4	4186222	1.20E-08	70YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4903	ALL	653262	4186207	1.19E-08	70YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4904	ALL	653300.5	4186193	1.18E-08	70YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4905	ALL	653339.1	4186178	1.17E-08	70YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4906	ALL	653377.6	4186164	1.16E-08	70YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4907	ALL	653416.2	4186149	1.14E-08	70YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4908	ALL	653454.7	4186134	1.13E-08	70YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4909	ALL	653493.3	4186120	1.11E-08	70YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4910	ALL	653531.8	4186105	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4911	ALL	653570.4	4186091	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4912	ALL	653608.9	4186076	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4913	ALL	653647.5	4186061	1.00E-08	70YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4914	ALL	653686.1	4186047	9.82E-09	70YrCancel	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4915	ALL	651845.3	4187815	1.33E-08	70YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4916	ALL	651843.5	4187856	1.35E-08	70YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4917	ALL	651841.7	4187898	1.37E-08	70YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4918	ALL	651355.4	4187753	9.02E-09	70YrCancel	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4919	ALL	651372.7	4187716	9.01E-09	70YrCancel	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4920	ALL	651390	4187678	8.99E-09	70YrCancel	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4921	ALL	651407.4	4187640	8.95E-09	70YrCancel	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4922	ALL	651424.7	4187603	8.90E-09	70YrCancel	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4923	ALL	651442.1	4187565	8.83E-09	70YrCancel	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4924	ALL	651459.4	4187528	8.78E-09	70YrCancel	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4925	ALL	651476.7	4187490	8.74E-09	70YrCancel	8.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4926	ALL	651494.1	4187452	8.72E-09	70YrCancel	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4927	ALL	651511.4	4187415	8.71E-09	70YrCancel	8.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4928	ALL	651528.7	4187377	8.70E-09	70YrCancel	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4929	ALL	651546.1	4187340	8.66E-09	70YrCancel	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4930	ALL	651563.4	4187302	8.60E-09	70YrCancel	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4931	ALL	651580.7	4187264	8.50E-09	70YrCancel	8.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4932	ALL	651598.1	4187227	8.39E-09	70YrCancel	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4933	ALL	651615.4	4187189	8.29E-09	70YrCancel	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4934	ALL	651632.8	4187152	8.21E-09	70YrCancel	8.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4935	ALL	651650.1	4187114	8.16E-09	70YrCancel	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4936	ALL	651667.4	4187076	8.11E-09	70YrCancel	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4937	ALL	651684.8	4187039	8.08E-09	70YrCancel	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4938	ALL	651702.1	4187001	8.04E-09	70YrCancel	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4939	ALL	651719.4	4186964	7.99E-09	70YrCancel	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4940	ALL	651736.8	4186926	7.95E-09	70YrCancel	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4941	ALL	651754.1	4186888	7.91E-09	70YrCancel	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4942	ALL	651771.4	4186851	7.86E-09	70YrCancel	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4943	ALL	651788.8	4186813	7.78E-09	70YrCancel	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4944	ALL	651806.1	4186776	7.69E-09	70YrCancel	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4945	ALL	651823.5	4186738	7.58E-09	70YrCancel	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4946	ALL	651840.8	4186700	7.46E-09	70YrCancel	7.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4947	ALL	651858.1	4186663	7.34E-09	70YrCancel	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4948	ALL	651875.5	4186625	7.23E-09	70YrCancel	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4949	ALL	651892.8	4186588	7.11E-09	70YrCancer	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4950	ALL	651910.1	4186550	6.99E-09	70YrCancer	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4951	ALL	651927.5	4186512	6.87E-09	70YrCancer	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4952	ALL	651944.8	4186475	6.75E-09	70YrCancer	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4953	ALL	651962.1	4186437	6.65E-09	70YrCancer	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4954	ALL	651979.5	4186400	6.55E-09	70YrCancer	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4955	ALL	651996.8	4186362	6.46E-09	70YrCancer	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4956	ALL	652014.2	4186324	6.38E-09	70YrCancer	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4957	ALL	652031.5	4186287	6.29E-09	70YrCancer	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4958	ALL	652048.8	4186249	6.21E-09	70YrCancer	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4959	ALL	652066.2	4186212	6.14E-09	70YrCancer	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4960	ALL	652083.5	4186174	6.06E-09	70YrCancer	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4961	ALL	652111.5	4186148	6.06E-09	70YrCancer	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4962	ALL	652150.2	4186133	6.12E-09	70YrCancer	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4963	ALL	652189	4186119	6.18E-09	70YrCancer	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4964	ALL	652227.7	4186104	6.25E-09	70YrCancer	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4965	ALL	652266.4	4186089	6.34E-09	70YrCancer	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4966	ALL	652305.1	4186075	6.44E-09	70YrCancer	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4967	ALL	652343.9	4186060	6.54E-09	70YrCancer	6.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4968	ALL	652382.6	4186045	6.63E-09	70YrCancer	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4969	ALL	652421.3	4186031	6.72E-09	70YrCancer	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4970	ALL	652460	4186016	6.79E-09	70YrCancer	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4971	ALL	652498.8	4186001	6.85E-09	70YrCancer	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4972	ALL	652537.5	4185987	6.93E-09	70YrCancer	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4973	ALL	652576.2	4185972	7.03E-09	70YrCancer	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4974	ALL	652614.9	4185957	7.15E-09	70YrCancer	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4975	ALL	652653.6	4185943	7.28E-09	70YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4976	ALL	652692.4	4185928	7.43E-09	70YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4977	ALL	652731.1	4185913	7.58E-09	70YrCancer	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4978	ALL	652769.8	4185899	7.72E-09	70YrCancer	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4979	ALL	652808.5	4185884	7.85E-09	70YrCancer	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4980	ALL	652847.3	4185870	7.96E-09	70YrCancer	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4981	ALL	652886	4185855	8.05E-09	70YrCancer	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4982	ALL	652924.7	4185840	8.12E-09	70YrCancer	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4983	ALL	652963.4	4185826	8.17E-09	70YrCancer	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4984	ALL	653002.1	4185811	8.22E-09	70YrCancer	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4985	ALL	653040.9	4185796	8.25E-09	70YrCancer	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4986	ALL	653079.6	4185782	8.25E-09	70YrCancer	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4987	ALL	653118.3	4185767	8.24E-09	70YrCancer	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4988	ALL	653157	4185752	8.20E-09	70YrCancer	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4989	ALL	653195.8	4185738	8.14E-09	70YrCancer	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4990	ALL	653234.5	4185723	8.07E-09	70YrCancer	8.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4991	ALL	653273.2	4185708	8.00E-09	70YrCancer	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4992	ALL	653311.9	4185694	7.92E-09	70YrCancer	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4993	ALL	653350.7	4185679	7.85E-09	70YrCancer	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4994	ALL	653389.4	4185664	7.76E-09	70YrCancer	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4995	ALL	653428.1	4185650	7.67E-09	70YrCancer	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4996	ALL	653466.8	4185635	7.55E-09	70YrCancer	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4997	ALL	653505.5	4185620	7.40E-09	70YrCancer	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4998	ALL	653544.3	4185606	7.23E-09	70YrCancer	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4999	ALL	653583	4185591	7.06E-09	70YrCancer	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5000	ALL	653621.7	4185576	6.89E-09	70YrCancer	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5001	ALL	653660.4	4185562	6.76E-09	70YrCancer	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5002	ALL	653699.2	4185547	6.66E-09	70YrCancer	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5003	ALL	651345.8	4187793	9.06E-09	70YrCancer	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5004	ALL	651344	4187835	9.15E-09	70YrCancer	9.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5005	ALL	651342.2	4187876	9.26E-09	70YrCancer	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5006	ALL	650855.9	4187731	6.59E-09	70YrCancer	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5007	ALL	650873.3	4187694	6.60E-09	70YrCancer	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5008	ALL	650890.6	4187656	6.59E-09	70YrCancer	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5009	ALL	650908	4187618	6.58E-09	70YrCancer	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5010	ALL	650925.4	4187581	6.56E-09	70YrCancer	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5011	ALL	650942.8	4187543	6.53E-09	70YrCancer	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5012	ALL	650960.2	4187505	6.49E-09	70YrCancer	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5013	ALL	650977.6	4187467	6.45E-09	70YrCancer	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5014	ALL	650995	4187430	6.42E-09	70YrCancer	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5015	ALL	651012.3	4187392	6.40E-09	70YrCancer	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5016	ALL	651029.7	4187354	6.39E-09	70YrCancer	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5017	ALL	651047.1	4187317	6.39E-09	70YrCancer	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5018	ALL	651064.5	4187279	6.39E-09	70YrCancer	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5019	ALL	651081.9	4187241	6.38E-09	70YrCancer	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5020	ALL	651099.3	4187203	6.35E-09	70YrCancer	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5021	ALL	651116.7	4187166	6.31E-09	70YrCancer	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5022	ALL	651134	4187128	6.25E-09	70YrCancer	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5023	ALL	651151.4	4187090	6.18E-09	70YrCancer	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5024	ALL	651168.8	4187053	6.11E-09	70YrCancer	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5025	ALL	651186.2	4187015	6.05E-09	70YrCancer	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5026	ALL	651203.6	4186977	6.00E-09	70YrCancer	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5027	ALL	651221	4186940	5.97E-09	70YrCancer	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5028	ALL	651238.4	4186902	5.95E-09	70YrCancer	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5029	ALL	651255.7	4186864	5.93E-09	70YrCancer	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5030	ALL	651273.1	4186826	5.91E-09	70YrCancer	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5031	ALL	651290.5	4186789	5.88E-09	70YrCancer	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5032	ALL	651307.9	4186751	5.86E-09	70YrCancer	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5033	ALL	651325.3	4186713	5.83E-09	70YrCancer	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5034	ALL	651342.7	4186676	5.81E-09	70YrCancer	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5035	ALL	651360.1	4186638	5.79E-09	70YrCancer	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5036	ALL	651377.4	4186600	5.75E-09	70YrCancer	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5037	ALL	651394.8	4186562	5.71E-09	70YrCancer	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5038	ALL	651412.2	4186525	5.64E-09	70YrCancer	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5039	ALL	651429.6	4186487	5.57E-09	70YrCancer	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5040	ALL	651447	4186449	5.50E-09	70YrCancer	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5041	ALL	651464.4	4186412	5.43E-09	70YrCancer	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5042	ALL	651481.8	4186374	5.36E-09	70YrCancer	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5043	ALL	651499.2	4186336	5.29E-09	70YrCancer	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5044	ALL	651516.5	4186299	5.22E-09	70YrCancer	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5045	ALL	651533.9	4186261	5.15E-09	70YrCancer	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5046	ALL	651551.3	4186223	5.07E-09	70YrCancer	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5047	ALL	651568.7	4186185	5.00E-09	70YrCancer	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5048	ALL	651586.1	4186148	4.93E-09	70YrCancer	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5049	ALL	651603.5	4186110	4.86E-09	70YrCancer	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5050	ALL	651620.9	4186072	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5051	ALL	651638.2	4186035	4.75E-09	70YrCancel	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5052	ALL	651655.6	4185997	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5053	ALL	651673	4185959	4.64E-09	70YrCancel	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5054	ALL	651690.4	4185921	4.59E-09	70YrCancel	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5055	ALL	651707.8	4185884	4.54E-09	70YrCancel	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5056	ALL	651725.2	4185846	4.50E-09	70YrCancel	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5057	ALL	651742.6	4185808	4.46E-09	70YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5058	ALL	651770.7	4185782	4.46E-09	70YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5059	ALL	651809.5	4185767	4.49E-09	70YrCancel	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5060	ALL	651848.3	4185753	4.53E-09	70YrCancel	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5061	ALL	651887.2	4185738	4.57E-09	70YrCancel	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5062	ALL	651926	4185723	4.61E-09	70YrCancel	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5063	ALL	651964.8	4185709	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5064	ALL	652003.7	4185694	4.72E-09	70YrCancel	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5065	ALL	652042.5	4185679	4.79E-09	70YrCancel	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5066	ALL	652081.3	4185665	4.85E-09	70YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5067	ALL	652120.2	4185650	4.90E-09	70YrCancel	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5068	ALL	652159	4185635	4.95E-09	70YrCancel	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5069	ALL	652197.8	4185621	4.99E-09	70YrCancel	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5070	ALL	652236.7	4185606	5.03E-09	70YrCancel	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5071	ALL	652275.5	4185591	5.07E-09	70YrCancel	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5072	ALL	652314.3	4185576	5.12E-09	70YrCancel	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5073	ALL	652353.2	4185562	5.18E-09	70YrCancel	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5074	ALL	652392	4185547	5.26E-09	70YrCancel	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5075	ALL	652430.8	4185532	5.35E-09	70YrCancel	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5076	ALL	652469.7	4185518	5.44E-09	70YrCancel	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5077	ALL	652508.5	4185503	5.54E-09	70YrCancel	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5078	ALL	652547.3	4185488	5.64E-09	70YrCancel	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5079	ALL	652586.2	4185474	5.73E-09	70YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5080	ALL	652625	4185459	5.81E-09	70YrCancel	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5081	ALL	652663.8	4185444	5.87E-09	70YrCancel	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5082	ALL	652702.7	4185429	5.93E-09	70YrCancel	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5083	ALL	652741.5	4185415	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5084	ALL	652780.3	4185400	6.01E-09	70YrCancel	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5085	ALL	652819.2	4185385	6.04E-09	70YrCancel	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5086	ALL	652858	4185371	6.07E-09	70YrCancel	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5087	ALL	652896.8	4185356	6.09E-09	70YrCancel	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5088	ALL	652935.7	4185341	6.10E-09	70YrCancel	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5089	ALL	652974.5	4185327	6.09E-09	70YrCancel	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5090	ALL	653013.3	4185312	6.08E-09	70YrCancel	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5091	ALL	653052.2	4185297	6.05E-09	70YrCancel	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5092	ALL	653091	4185283	6.01E-09	70YrCancel	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5093	ALL	653129.8	4185268	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5094	ALL	653168.7	4185253	5.92E-09	70YrCancel	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5095	ALL	653207.5	4185238	5.88E-09	70YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5096	ALL	653246.3	4185224	5.83E-09	70YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5097	ALL	653285.2	4185209	5.79E-09	70YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5098	ALL	653324	4185194	5.74E-09	70YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5099	ALL	653362.8	4185180	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5100	ALL	653401.7	4185165	5.61E-09	70YrCancel	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5101	ALL	653440.5	4185150	5.52E-09	70YrCancel	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5102	ALL	653479.3	4185136	5.42E-09	70YrCancel	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5103	ALL	653518.2	4185121	5.31E-09	70YrCancel	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5104	ALL	653557	4185106	5.20E-09	70YrCancel	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5105	ALL	653595.8	4185091	5.09E-09	70YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5106	ALL	653634.7	4185077	5.00E-09	70YrCancel	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5107	ALL	653673.5	4185062	4.93E-09	70YrCancel	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5108	ALL	653712.3	4185047	4.88E-09	70YrCancel	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5109	ALL	650846.3	4187771	6.62E-09	70YrCancel	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5110	ALL	650844.4	4187813	6.67E-09	70YrCancel	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5111	ALL	650842.6	4187855	6.74E-09	70YrCancel	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5112	ALL	650356.4	4187710	5.07E-09	70YrCancel	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5113	ALL	650373.8	4187672	5.09E-09	70YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5114	ALL	650391.2	4187634	5.10E-09	70YrCancel	5.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5115	ALL	650408.6	4187596	5.09E-09	70YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5116	ALL	650426	4187558	5.08E-09	70YrCancel	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5117	ALL	650443.5	4187521	5.06E-09	70YrCancel	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5118	ALL	650460.9	4187483	5.04E-09	70YrCancel	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5119	ALL	650478.3	4187445	5.02E-09	70YrCancel	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5120	ALL	650495.7	4187407	4.99E-09	70YrCancel	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5121	ALL	650513.2	4187370	4.96E-09	70YrCancel	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5122	ALL	650530.6	4187332	4.94E-09	70YrCancel	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5123	ALL	650548	4187294	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5124	ALL	650565.4	4187256	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5125	ALL	650582.8	4187218	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5126	ALL	650600.3	4187181	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5127	ALL	650617.7	4187143	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5128	ALL	650635.1	4187105	4.91E-09	70YrCancel	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5129	ALL	650652.5	4187067	4.89E-09	70YrCancel	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5130	ALL	650669.9	4187029	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5131	ALL	650687.4	4186992	4.82E-09	70YrCancel	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5132	ALL	650704.8	4186954	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5133	ALL	650722.2	4186916	4.73E-09	70YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5134	ALL	650739.6	4186878	4.68E-09	70YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5135	ALL	650757	4186841	4.65E-09	70YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5136	ALL	650774.5	4186803	4.62E-09	70YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5137	ALL	650791.9	4186765	4.60E-09	70YrCancel	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5138	ALL	650809.3	4186727	4.59E-09	70YrCancel	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5139	ALL	650826.7	4186689	4.58E-09	70YrCancel	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5140	ALL	650844.1	4186652	4.57E-09	70YrCancel	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5141	ALL	650861.6	4186614	4.55E-09	70YrCancel	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5142	ALL	650879	4186576	4.53E-09	70YrCancel	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5143	ALL	650896.4	4186538	4.51E-09	70YrCancel	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5144	ALL	650913.8	4186501	4.50E-09	70YrCancel	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5145	ALL	650931.3	4186463	4.48E-09	70YrCancel	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5146	ALL	650948.7	4186425	4.47E-09	70YrCancel	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5147	ALL	650966.1	4186387	4.45E-09	70YrCancel	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5148	ALL	650983.5	4186349	4.43E-09	70YrCancel	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5149	ALL	651000.9	4186312	4.39E-09	70YrCancel	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5150	ALL	651018.4	4186274	4.35E-09	70YrCancel	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5151	ALL	651035.8	4186236	4.30E-09	70YrCancel	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5152	ALL	651053.2	4186198	4.25E-09	70YrCancel	4.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5153	ALL	651070.6	4186161	4.20E-09	70YrCancel	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5154	ALL	651088	4186123	4.15E-09	70YrCancel	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5155	ALL	651105.5	4186085	4.11E-09	70YrCancel	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5156	ALL	651122.9	4186047	4.07E-09	70YrCancel	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5157	ALL	651140.3	4186009	4.02E-09	70YrCancel	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5158	ALL	651157.7	4185972	3.97E-09	70YrCancel	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5159	ALL	651175.1	4185934	3.92E-09	70YrCancel	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5160	ALL	651192.6	4185896	3.87E-09	70YrCancel	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5161	ALL	651210	4185858	3.82E-09	70YrCancel	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5162	ALL	651227.4	4185820	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5163	ALL	651244.8	4185783	3.74E-09	70YrCancel	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5164	ALL	651262.3	4185745	3.70E-09	70YrCancel	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5165	ALL	651279.7	4185707	3.67E-09	70YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5166	ALL	651297.1	4185669	3.63E-09	70YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5167	ALL	651314.5	4185632	3.60E-09	70YrCancel	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5168	ALL	651331.9	4185594	3.56E-09	70YrCancel	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5169	ALL	651349.4	4185556	3.53E-09	70YrCancel	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5170	ALL	651366.8	4185518	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5171	ALL	651384.2	4185480	3.47E-09	70YrCancel	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5172	ALL	651401.6	4185443	3.44E-09	70YrCancel	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5173	ALL	651429.8	4185416	3.44E-09	70YrCancel	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5174	ALL	651468.7	4185402	3.47E-09	70YrCancel	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5175	ALL	651507.6	4185387	3.49E-09	70YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5176	ALL	651546.5	4185372	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5177	ALL	651585.4	4185357	3.54E-09	70YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5178	ALL	651624.3	4185343	3.57E-09	70YrCancel	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5179	ALL	651663.3	4185328	3.61E-09	70YrCancel	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5180	ALL	651702.2	4185313	3.65E-09	70YrCancel	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5181	ALL	651741.1	4185299	3.69E-09	70YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5182	ALL	651780	4185284	3.74E-09	70YrCancel	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5183	ALL	651818.9	4185269	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5184	ALL	651857.8	4185254	3.81E-09	70YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5185	ALL	651896.7	4185240	3.84E-09	70YrCancel	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5186	ALL	651935.6	4185225	3.86E-09	70YrCancel	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5187	ALL	651974.6	4185210	3.89E-09	70YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5188	ALL	652013.5	4185196	3.91E-09	70YrCancel	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5189	ALL	652052.4	4185181	3.94E-09	70YrCancel	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5190	ALL	652091.3	4185166	3.98E-09	70YrCancel	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5191	ALL	652130.2	4185151	4.02E-09	70YrCancel	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5192	ALL	652169.1	4185137	4.07E-09	70YrCancel	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5193	ALL	652208	4185122	4.13E-09	70YrCancel	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5194	ALL	652246.9	4185107	4.20E-09	70YrCancel	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5195	ALL	652285.8	4185092	4.27E-09	70YrCancel	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5196	ALL	652324.8	4185078	4.33E-09	70YrCancel	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5197	ALL	652363.7	4185063	4.40E-09	70YrCancel	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5198	ALL	652402.6	4185048	4.46E-09	70YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5199	ALL	652441.5	4185034	4.51E-09	70YrCancel	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5200	ALL	652480.4	4185019	4.55E-09	70YrCancel	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5201	ALL	652519.3	4185004	4.59E-09	70YrCancel	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5202	ALL	652558.2	4184989	4.62E-09	70YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5203	ALL	652597.1	4184975	4.64E-09	70YrCancel	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5204	ALL	652636	4184960	4.67E-09	70YrCancel	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5205	ALL	652675	4184945	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5206	ALL	652713.9	4184930	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5207	ALL	652752.8	4184916	4.72E-09	70YrCancel	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5208	ALL	652791.7	4184901	4.73E-09	70YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5209	ALL	652830.6	4184886	4.73E-09	70YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5210	ALL	652869.5	4184872	4.72E-09	70YrCancel	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5211	ALL	652908.4	4184857	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5212	ALL	652947.3	4184842	4.68E-09	70YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5213	ALL	652986.3	4184827	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5214	ALL	653025.2	4184813	4.63E-09	70YrCancel	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5215	ALL	653064.1	4184798	4.60E-09	70YrCancel	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5216	ALL	653103	4184783	4.57E-09	70YrCancel	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5217	ALL	653141.9	4184768	4.54E-09	70YrCancel	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5218	ALL	653180.8	4184754	4.51E-09	70YrCancel	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5219	ALL	653219.7	4184739	4.48E-09	70YrCancel	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5220	ALL	653258.6	4184724	4.45E-09	70YrCancel	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5221	ALL	653297.5	4184710	4.41E-09	70YrCancel	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5222	ALL	653336.5	4184695	4.37E-09	70YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5223	ALL	653375.4	4184680	4.31E-09	70YrCancel	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5224	ALL	653414.3	4184665	4.25E-09	70YrCancel	4.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5225	ALL	653453.2	4184651	4.18E-09	70YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5226	ALL	653492.1	4184636	4.10E-09	70YrCancel	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5227	ALL	653531	4184621	4.02E-09	70YrCancel	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5228	ALL	653569.9	4184606	3.94E-09	70YrCancel	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5229	ALL	653608.8	4184592	3.88E-09	70YrCancel	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5230	ALL	653647.8	4184577	3.82E-09	70YrCancel	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5231	ALL	653686.7	4184562	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5232	ALL	653725.6	4184548	3.76E-09	70YrCancel	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5233	ALL	650346.7	4187749	5.08E-09	70YrCancel	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5234	ALL	650344.9	4187791	5.11E-09	70YrCancel	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5235	ALL	650343.1	4187833	5.15E-09	70YrCancel	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5236	ALL	649856.8	4187688	4.03E-09	70YrCancel	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5237	ALL	649874.3	4187650	4.04E-09	70YrCancel	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5238	ALL	649891.7	4187612	4.05E-09	70YrCancel	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5239	ALL	649909.2	4187574	4.05E-09	70YrCancel	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5240	ALL	649926.6	4187536	4.06E-09	70YrCancel	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5241	ALL	649944.1	4187499	4.05E-09	70YrCancel	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5242	ALL	649961.5	4187461	4.04E-09	70YrCancel	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5243	ALL	649979	4187423	4.03E-09	70YrCancel	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5244	ALL	649996.4	4187385	4.01E-09	70YrCancel	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5245	ALL	650013.9	4187347	3.99E-09	70YrCancel	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5246	ALL	650031.3	4187309	3.96E-09	70YrCancel	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5247	ALL	650048.8	4187272	3.94E-09	70YrCancel	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5248	ALL	650066.2	4187234	3.93E-09	70YrCancel	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5249	ALL	650083.7	4187196	3.92E-09	70YrCancel	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5250	ALL	650101.1	4187158	3.91E-09	70YrCancel	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5251	ALL	650118.6	4187120	3.92E-09	70YrCancel	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5252	ALL	650136	4187082	3.92E-09	70YrCancel	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5253	ALL	650153.4	4187045	3.93E-09	70YrCancel	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5254	ALL	650170.9	4187007	3.93E-09	70YrCancel	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5255	ALL	650188.3	4186969	3.93E-09	70YrCancel	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5256	ALL	650205.8	4186931	3.91E-09	70YrCancel	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5257	ALL	650223.2	4186893	3.89E-09	70YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5258	ALL	650240.7	4186855	3.86E-09	70YrCancel	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5259	ALL	650258.1	4186817	3.83E-09	70YrCancel	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5260	ALL	650275.6	4186780	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5261	ALL	650293	4186742	3.76E-09	70YrCancel	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5262	ALL	650310.5	4186704	3.73E-09	70YrCancel	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5263	ALL	650327.9	4186666	3.71E-09	70YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5264	ALL	650345.4	4186628	3.69E-09	70YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5265	ALL	650362.8	4186590	3.68E-09	70YrCancel	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5266	ALL	650380.3	4186553	3.67E-09	70YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5267	ALL	650397.7	4186515	3.66E-09	70YrCancel	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5268	ALL	650415.2	4186477	3.65E-09	70YrCancel	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5269	ALL	650432.6	4186439	3.64E-09	70YrCancel	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5270	ALL	650450	4186401	3.63E-09	70YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5271	ALL	650467.5	4186363	3.62E-09	70YrCancel	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5272	ALL	650484.9	4186326	3.61E-09	70YrCancel	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5273	ALL	650502.4	4186288	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5274	ALL	650519.8	4186250	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5275	ALL	650537.3	4186212	3.58E-09	70YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5276	ALL	650554.7	4186174	3.57E-09	70YrCancel	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5277	ALL	650572.2	4186136	3.56E-09	70YrCancel	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5278	ALL	650589.6	4186099	3.54E-09	70YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5279	ALL	650607.1	4186061	3.51E-09	70YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5280	ALL	650624.5	4186023	3.48E-09	70YrCancel	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5281	ALL	650642	4185985	3.44E-09	70YrCancel	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5282	ALL	650659.4	4185947	3.41E-09	70YrCancel	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5283	ALL	650676.9	4185909	3.37E-09	70YrCancel	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5284	ALL	650694.3	4185872	3.34E-09	70YrCancel	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5285	ALL	650711.7	4185834	3.31E-09	70YrCancel	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5286	ALL	650729.2	4185796	3.27E-09	70YrCancel	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5287	ALL	650746.6	4185758	3.24E-09	70YrCancel	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5288	ALL	650764.1	4185720	3.21E-09	70YrCancel	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5289	ALL	650781.5	4185682	3.18E-09	70YrCancel	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5290	ALL	650799	4185644	3.14E-09	70YrCancel	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5291	ALL	650816.4	4185607	3.11E-09	70YrCancel	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5292	ALL	650833.9	4185569	3.07E-09	70YrCancel	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5293	ALL	650851.3	4185531	3.04E-09	70YrCancel	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5294	ALL	650868.8	4185493	3.01E-09	70YrCancel	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5295	ALL	650886.2	4185455	2.99E-09	70YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5296	ALL	650903.7	4185417	2.96E-09	70YrCancel	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5297	ALL	650921.1	4185380	2.94E-09	70YrCancel	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5298	ALL	650938.6	4185342	2.91E-09	70YrCancel	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5299	ALL	650956	4185304	2.88E-09	70YrCancel	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5300	ALL	650973.5	4185266	2.86E-09	70YrCancel	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5301	ALL	650990.9	4185228	2.83E-09	70YrCancel	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5302	ALL	651008.3	4185190	2.81E-09	70YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5303	ALL	651025.8	4185153	2.79E-09	70YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5304	ALL	651043.2	4185115	2.77E-09	70YrCancel	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5305	ALL	651060.7	4185077	2.76E-09	70YrCancel	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5306	ALL	651088.9	4185051	2.76E-09	70YrCancel	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5307	ALL	651127.9	4185036	2.78E-09	70YrCancel	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5308	ALL	651166.8	4185021	2.79E-09	70YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5309	ALL	651205.8	4185006	2.81E-09	70YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5310	ALL	651244.8	4184992	2.83E-09	70YrCancel	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5311	ALL	651283.7	4184977	2.85E-09	70YrCancel	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5312	ALL	651322.7	4184962	2.87E-09	70YrCancel	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5313	ALL	651361.7	4184947	2.90E-09	70YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5314	ALL	651400.7	4184933	2.92E-09	70YrCancel	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5315	ALL	651439.6	4184918	2.95E-09	70YrCancel	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5316	ALL	651478.6	4184903	2.99E-09	70YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5317	ALL	651517.6	4184888	3.02E-09	70YrCancel	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5318	ALL	651556.5	4184874	3.04E-09	70YrCancel	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5319	ALL	651595.5	4184859	3.07E-09	70YrCancel	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5320	ALL	651634.5	4184844	3.08E-09	70YrCancel	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5321	ALL	651673.4	4184829	3.10E-09	70YrCancel	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5322	ALL	651712.4	4184815	3.11E-09	70YrCancel	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5323	ALL	651751.4	4184800	3.13E-09	70YrCancel	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5324	ALL	651790.4	4184785	3.14E-09	70YrCancel	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5325	ALL	651829.3	4184770	3.17E-09	70YrCancel	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5326	ALL	651868.3	4184756	3.19E-09	70YrCancel	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5327	ALL	651907.3	4184741	3.23E-09	70YrCancel	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5328	ALL	651946.2	4184726	3.27E-09	70YrCancel	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5329	ALL	651985.2	4184711	3.31E-09	70YrCancel	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5330	ALL	652024.2	4184697	3.36E-09	70YrCancel	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5331	ALL	652063.1	4184682	3.41E-09	70YrCancel	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5332	ALL	652102.1	4184667	3.45E-09	70YrCancel	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5333	ALL	652141.1	4184652	3.50E-09	70YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5334	ALL	652180.1	4184638	3.54E-09	70YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5335	ALL	652219	4184623	3.58E-09	70YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5336	ALL	652258	4184608	3.62E-09	70YrCancel	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5337	ALL	652297	4184593	3.65E-09	70YrCancel	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5338	ALL	652335.9	4184579	3.67E-09	70YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5339	ALL	652374.9	4184564	3.69E-09	70YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5340	ALL	652413.9	4184549	3.71E-09	70YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5341	ALL	652452.8	4184534	3.73E-09	70YrCancel	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5342	ALL	652491.8	4184520	3.75E-09	70YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5343	ALL	652530.8	4184505	3.76E-09	70YrCancel	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5344	ALL	652569.8	4184490	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5345	ALL	652608.7	4184475	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5346	ALL	652647.7	4184461	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5347	ALL	652686.7	4184446	3.80E-09	70YrCancel	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5348	ALL	652725.6	4184431	3.79E-09	70YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5349	ALL	652764.6	4184416	3.78E-09	70YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5350	ALL	652803.6	4184402	3.77E-09	70YrCancel	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5351	ALL	652842.5	4184387	3.76E-09	70YrCancel	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5352	ALL	652881.5	4184372	3.74E-09	70YrCancel	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5353	ALL	652920.5	4184357	3.72E-09	70YrCancel	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5354	ALL	652959.4	4184343	3.69E-09	70YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5355	ALL	652998.4	4184328	3.67E-09	70YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5356	ALL	653037.4	4184313	3.65E-09	70YrCancel	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5357	ALL	653076.4	4184299	3.63E-09	70YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5358	ALL	653115.3	4184284	3.61E-09	70YrCancel	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5359	ALL	653154.3	4184269	3.59E-09	70YrCancel	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5360	ALL	653193.3	4184254	3.57E-09	70YrCancel	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5361	ALL	653232.2	4184240	3.55E-09	70YrCancel	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5362	ALL	653271.2	4184225	3.52E-09	70YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5363	ALL	653310.2	4184210	3.48E-09	70YrCancel	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5364	ALL	653349.1	4184195	3.44E-09	70YrCancel	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5365	ALL	653388.1	4184181	3.39E-09	70YrCancel	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5366	ALL	653427.1	4184166	3.33E-09	70YrCancel	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5367	ALL	653466.1	4184151	3.28E-09	70YrCancel	3.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5368	ALL	653505	4184136	3.22E-09	70YrCancel	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5369	ALL	653544	4184122	3.16E-09	70YrCancel	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5370	ALL	653583	4184107	3.12E-09	70YrCancel	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5371	ALL	653621.9	4184092	3.07E-09	70YrCancel	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5372	ALL	653660.9	4184077	3.04E-09	70YrCancel	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5373	ALL	653699.9	4184063	3.02E-09	70YrCancel	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5374	ALL	653738.8	4184048	3.01E-09	70YrCancel	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5375	ALL	649847.2	4187728	4.04E-09	70YrCancel	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5376	ALL	649845.4	4187769	4.06E-09	70YrCancel	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5377	ALL	649843.6	4187811	4.09E-09	70YrCancel	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5378	ALL	653669	4187987	5.31E-06	70YrCancel	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5379	ALL	653652.2	4188006	3.29E-06	70YrCancel	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5380	ALL	653635.4	4188024	2.05E-06	70YrCancel	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5381	ALL	653618	4188041	1.40E-06	70YrCancel	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5382	ALL	653608.6	4188019	1.48E-06	70YrCancel	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5383	ALL	653599.3	4187997	1.43E-06	70YrCancel	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5384	ALL	653631.7	4188061	1.32E-06	70YrCancel	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5385	ALL	653584.5	4188079	7.65E-07	70YrCancel	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5386	ALL	653575.6	4188058	8.13E-07	70YrCancel	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5387	ALL	653566.7	4188036	8.45E-07	70YrCancel	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5388	ALL	653557.8	4188015	8.41E-07	70YrCancel	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5389	ALL	653549	4187994	7.99E-07	70YrCancel	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5390	ALL	653598.1	4188098	7.27E-07	70YrCancel	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5391	ALL	653550.7	4188115	4.90E-07	70YrCancel	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5392	ALL	653541.3	4188093	5.17E-07	70YrCancel	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5393	ALL	653532	4188071	5.42E-07	70YrCancel	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5394	ALL	653522.7	4188048	5.57E-07	70YrCancel	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5395	ALL	653513.4	4188026	5.54E-07	70YrCancel	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5396	ALL	653504.1	4188004	5.36E-07	70YrCancel	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5397	ALL	653517.1	4188153	3.43E-07	70YrCancel	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5398	ALL	653508.1	4188131	3.59E-07	70YrCancel	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5399	ALL	653499	4188109	3.74E-07	70YrCancel	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5400	ALL	653490	4188087	3.89E-07	70YrCancel	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5401	ALL	653480.9	4188066	3.97E-07	70YrCancel	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5402	ALL	653471.9	4188044	3.97E-07	70YrCancel	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5403	ALL	653462.8	4188022	3.91E-07	70YrCancel	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5404	ALL	653453.7	4188000	3.78E-07	70YrCancel	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5405	ALL	653483.4	4188189	2.56E-07	70YrCancel	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5406	ALL	653474	4188167	2.67E-07	70YrCancel	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5407	ALL	653464.7	4188145	2.77E-07	70YrCancel	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5408	ALL	653455.4	4188122	2.87E-07	70YrCancel	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5409	ALL	653446.1	4188100	2.96E-07	70YrCancel	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5410	ALL	653436.8	4188078	3.00E-07	70YrCancel	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5411	ALL	653427.5	4188055	3.00E-07	70YrCancel	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5412	ALL	653418.2	4188033	2.96E-07	70YrCancel	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5413	ALL	653408.8	4188010	2.89E-07	70YrCancel	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5414	ALL	653399.5	4187988	2.76E-07	70YrCancel	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5415	ALL	653449.8	4188227	1.99E-07	70YrCancel	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5416	ALL	653440.7	4188205	2.07E-07	70YrCancel	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5417	ALL	653431.5	4188183	2.13E-07	70YrCancel	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5418	ALL	653422.4	4188161	2.20E-07	70YrCancel	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5419	ALL	653413.3	4188139	2.27E-07	70YrCancel	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5420	ALL	653404.2	4188117	2.32E-07	70YrCancel	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5421	ALL	653395	4188095	2.36E-07	70YrCancel	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5422	ALL	653385.9	4188073	2.36E-07	70YrCancel	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5423	ALL	653376.8	4188051	2.34E-07	70YrCancel	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5424	ALL	653367.6	4188029	2.31E-07	70YrCancel	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5425	ALL	653358.5	4188007	2.26E-07	70YrCancel	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5426	ALL	653349.4	4187985	2.15E-07	70YrCancel	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5427	ALL	653382.3	4188300	1.32E-07	70YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5428	ALL	653372.9	4188277	1.36E-07	70YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5429	ALL	653363.4	4188255	1.39E-07	70YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5430	ALL	653353.9	4188232	1.43E-07	70YrCancel	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5431	ALL	653344.5	4188209	1.47E-07	70YrCancel	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5432	ALL	653335	4188186	1.51E-07	70YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5433	ALL	653325.5	4188164	1.55E-07	70YrCancel	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5434	ALL	653316.1	4188141	1.57E-07	70YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5435	ALL	653306.6	4188118	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5436	ALL	653297.1	4188096	1.58E-07	70YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5437	ALL	653287.7	4188073	1.57E-07	70YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5438	ALL	653278.2	4188050	1.56E-07	70YrCancel	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5439	ALL	653268.7	4188027	1.54E-07	70YrCancel	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5440	ALL	653259.3	4188005	1.50E-07	70YrCancel	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5441	ALL	653249.8	4187982	1.44E-07	70YrCancel	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5442	ALL	653396.2	4188320	1.28E-07	70YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5443	ALL	653315	4188374	9.46E-08	70YrCancel	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5444	ALL	653305.6	4188351	9.74E-08	70YrCancel	9.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5445	ALL	653296.2	4188329	9.95E-08	70YrCancel	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5446	ALL	653286.7	4188306	1.01E-07	70YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5447	ALL	653277.3	4188283	1.03E-07	70YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5448	ALL	653267.8	4188261	1.06E-07	70YrCancel	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5449	ALL	653258.4	4188238	1.08E-07	70YrCancel	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5450	ALL	653249	4188215	1.11E-07	70YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5451	ALL	653239.5	4188193	1.13E-07	70YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5452	ALL	653230.1	4188170	1.14E-07	70YrCancel	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5453	ALL	653220.7	4188147	1.15E-07	70YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5454	ALL	653211.2	4188125	1.15E-07	70YrCancer	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5455	ALL	653201.8	4188102	1.14E-07	70YrCancer	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5456	ALL	653192.4	4188079	1.14E-07	70YrCancer	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5457	ALL	653182.9	4188057	1.13E-07	70YrCancer	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5458	ALL	653173.5	4188034	1.12E-07	70YrCancer	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5459	ALL	653164	4188011	1.10E-07	70YrCancer	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5460	ALL	653154.6	4187989	1.06E-07	70YrCancer	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5461	ALL	653328.9	4188394	9.23E-08	70YrCancer	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5462	ALL	653247.7	4188448	7.20E-08	70YrCancer	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5463	ALL	653238.3	4188426	7.39E-08	70YrCancer	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5464	ALL	653228.9	4188403	7.53E-08	70YrCancer	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5465	ALL	653219.5	4188380	7.65E-08	70YrCancer	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5466	ALL	653210.1	4188358	7.77E-08	70YrCancer	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5467	ALL	653200.7	4188335	7.90E-08	70YrCancer	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5468	ALL	653191.2	4188312	8.06E-08	70YrCancer	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5469	ALL	653181.8	4188290	8.24E-08	70YrCancer	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5470	ALL	653172.4	4188267	8.40E-08	70YrCancer	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5471	ALL	653163	4188245	8.54E-08	70YrCancer	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5472	ALL	653153.6	4188222	8.65E-08	70YrCancer	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5473	ALL	653144.1	4188199	8.74E-08	70YrCancer	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5474	ALL	653134.7	4188177	8.80E-08	70YrCancer	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5475	ALL	653125.3	4188154	8.80E-08	70YrCancer	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5476	ALL	653115.9	4188131	8.76E-08	70YrCancer	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5477	ALL	653106.5	4188109	8.71E-08	70YrCancer	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5478	ALL	653097.1	4188086	8.69E-08	70YrCancer	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5479	ALL	653087.6	4188064	8.68E-08	70YrCancer	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5480	ALL	653078.2	4188041	8.61E-08	70YrCancer	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5481	ALL	653068.8	4188018	8.44E-08	70YrCancer	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5482	ALL	653059.4	4187996	8.19E-08	70YrCancer	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5483	ALL	653050	4187973	7.88E-08	70YrCancer	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5484	ALL	653180.4	4188522	5.69E-08	70YrCancer	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5485	ALL	653171	4188500	5.83E-08	70YrCancer	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5486	ALL	653161.6	4188477	5.93E-08	70YrCancer	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5487	ALL	653152.2	4188454	6.02E-08	70YrCancer	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5488	ALL	653142.8	4188432	6.09E-08	70YrCancer	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5489	ALL	653133.4	4188409	6.18E-08	70YrCancer	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5490	ALL	653124	4188387	6.27E-08	70YrCancer	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5491	ALL	653114.6	4188364	6.39E-08	70YrCancer	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5492	ALL	653105.2	4188341	6.51E-08	70YrCancer	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5493	ALL	653095.8	4188319	6.62E-08	70YrCancer	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5494	ALL	653086.4	4188296	6.73E-08	70YrCancer	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5495	ALL	653077	4188274	6.81E-08	70YrCancer	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5496	ALL	653067.6	4188251	6.89E-08	70YrCancer	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5497	ALL	653058.2	4188228	6.95E-08	70YrCancer	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5498	ALL	653048.8	4188206	6.99E-08	70YrCancer	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5499	ALL	653039.4	4188183	6.99E-08	70YrCancer	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5500	ALL	653030	4188161	6.96E-08	70YrCancer	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5501	ALL	653020.6	4188138	6.92E-08	70YrCancer	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5502	ALL	653011.2	4188115	6.90E-08	70YrCancer	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5503	ALL	653001.8	4188093	6.90E-08	70YrCancer	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5504	ALL	652992.4	4188070	6.90E-08	70YrCancer	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5505	ALL	652983	4188048	6.84E-08	70YrCancer	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5506	ALL	652973.6	4188025	6.73E-08	70YrCancer	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5507	ALL	652964.1	4188003	6.55E-08	70YrCancer	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5508	ALL	652954.7	4187980	6.34E-08	70YrCancer	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5509	ALL	653113.1	4188596	4.63E-08	70YrCancer	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5510	ALL	653103.8	4188574	4.74E-08	70YrCancer	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5511	ALL	653094.4	4188551	4.82E-08	70YrCancer	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5512	ALL	653085	4188528	4.88E-08	70YrCancer	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5513	ALL	653075.6	4188506	4.93E-08	70YrCancer	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5514	ALL	653066.2	4188483	4.99E-08	70YrCancer	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5515	ALL	653056.8	4188461	5.05E-08	70YrCancer	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5516	ALL	653047.4	4188438	5.12E-08	70YrCancer	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5517	ALL	653038	4188416	5.20E-08	70YrCancer	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5518	ALL	653028.6	4188393	5.29E-08	70YrCancer	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5519	ALL	653019.2	4188370	5.38E-08	70YrCancer	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5520	ALL	653009.8	4188348	5.46E-08	70YrCancer	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5521	ALL	653000.4	4188325	5.52E-08	70YrCancer	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5522	ALL	652991	4188303	5.58E-08	70YrCancer	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5523	ALL	652981.6	4188280	5.63E-08	70YrCancer	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5524	ALL	652972.2	4188258	5.68E-08	70YrCancer	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5525	ALL	652962.8	4188235	5.71E-08	70YrCancer	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5526	ALL	652953.5	4188212	5.71E-08	70YrCancer	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5527	ALL	652944.1	4188190	5.69E-08	70YrCancer	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5528	ALL	652934.7	4188167	5.65E-08	70YrCancer	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5529	ALL	652925.3	4188145	5.63E-08	70YrCancer	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5530	ALL	652915.9	4188122	5.63E-08	70YrCancer	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5531	ALL	652906.5	4188100	5.64E-08	70YrCancer	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5532	ALL	652897.1	4188077	5.64E-08	70YrCancer	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5533	ALL	652887.7	4188055	5.59E-08	70YrCancer	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5534	ALL	652878.3	4188032	5.51E-08	70YrCancer	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5535	ALL	652868.9	4188009	5.39E-08	70YrCancer	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5536	ALL	652859.5	4187987	5.24E-08	70YrCancer	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5537	ALL	652850.1	4187964	5.07E-08	70YrCancer	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5538	ALL	653127	4188616	4.55E-08	70YrCancer	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5539	ALL	652944.9	4188781	3.04E-08	70YrCancer	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5540	ALL	652935.4	4188758	3.09E-08	70YrCancer	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5541	ALL	652926	4188736	3.14E-08	70YrCancer	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5542	ALL	652916.6	4188713	3.17E-08	70YrCancer	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5543	ALL	652907.1	4188690	3.20E-08	70YrCancer	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5544	ALL	652897.7	4188668	3.23E-08	70YrCancer	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5545	ALL	652888.2	4188645	3.25E-08	70YrCancer	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5546	ALL	652878.8	4188622	3.28E-08	70YrCancer	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5547	ALL	652869.4	4188600	3.31E-08	70YrCancer	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5548	ALL	652859.9	4188577	3.35E-08	70YrCancer	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5549	ALL	652850.5	4188554	3.39E-08	70YrCancer	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5550	ALL	652841.1	4188532	3.44E-08	70YrCancer	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5551	ALL	652831.6	4188509	3.48E-08	70YrCancer	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5552	ALL	652822.2	4188486	3.53E-08	70YrCancer	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5553	ALL	652812.7	4188464	3.57E-08	70YrCancer	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5554	ALL	652803.3	4188441	3.61E-08	70YrCancer	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5555	ALL	652793.9	4188418	3.64E-08	70YrCancel	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5556	ALL	652784.4	4188396	3.67E-08	70YrCancel	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5557	ALL	652775	4188373	3.69E-08	70YrCancel	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5558	ALL	652765.6	4188350	3.72E-08	70YrCancel	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5559	ALL	652756.1	4188328	3.75E-08	70YrCancel	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5560	ALL	652746.7	4188305	3.76E-08	70YrCancel	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5561	ALL	652737.2	4188282	3.76E-08	70YrCancel	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5562	ALL	652727.8	4188260	3.75E-08	70YrCancel	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5563	ALL	652718.4	4188237	3.73E-08	70YrCancel	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5564	ALL	652708.9	4188214	3.70E-08	70YrCancel	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5565	ALL	652699.5	4188192	3.70E-08	70YrCancel	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5566	ALL	652690.1	4188169	3.70E-08	70YrCancel	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5567	ALL	652680.6	4188146	3.72E-08	70YrCancel	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5568	ALL	652671.2	4188124	3.73E-08	70YrCancel	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5569	ALL	652661.7	4188101	3.72E-08	70YrCancel	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5570	ALL	652652.3	4188078	3.70E-08	70YrCancel	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5571	ALL	652642.9	4188056	3.66E-08	70YrCancel	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5572	ALL	652633.4	4188033	3.60E-08	70YrCancel	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5573	ALL	652624	4188010	3.53E-08	70YrCancel	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5574	ALL	652614.6	4187987	3.45E-08	70YrCancel	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5575	ALL	652605.1	4187965	3.36E-08	70YrCancel	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5576	ALL	652776.6	4188966	2.17E-08	70YrCancel	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5577	ALL	652767.1	4188943	2.20E-08	70YrCancel	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5578	ALL	652757.7	4188920	2.23E-08	70YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5579	ALL	652748.2	4188898	2.26E-08	70YrCancel	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5580	ALL	652738.7	4188875	2.28E-08	70YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5581	ALL	652729.3	4188852	2.29E-08	70YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5582	ALL	652719.8	4188829	2.31E-08	70YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5583	ALL	652710.3	4188807	2.32E-08	70YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5584	ALL	652700.9	4188784	2.33E-08	70YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5585	ALL	652691.4	4188761	2.35E-08	70YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5586	ALL	652681.9	4188738	2.37E-08	70YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5587	ALL	652672.5	4188716	2.39E-08	70YrCancel	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5588	ALL	652663	4188693	2.41E-08	70YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5589	ALL	652653.5	4188670	2.44E-08	70YrCancel	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5590	ALL	652644.1	4188648	2.47E-08	70YrCancel	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5591	ALL	652634.6	4188625	2.50E-08	70YrCancel	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5592	ALL	652625.2	4188602	2.52E-08	70YrCancel	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5593	ALL	652615.7	4188579	2.55E-08	70YrCancel	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5594	ALL	652606.2	4188557	2.57E-08	70YrCancel	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5595	ALL	652596.8	4188534	2.59E-08	70YrCancel	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5596	ALL	652587.3	4188511	2.61E-08	70YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5597	ALL	652577.8	4188488	2.62E-08	70YrCancel	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5598	ALL	652568.4	4188466	2.64E-08	70YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5599	ALL	652558.9	4188443	2.66E-08	70YrCancel	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5600	ALL	652549.4	4188420	2.68E-08	70YrCancel	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5601	ALL	652540	4188397	2.69E-08	70YrCancel	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5602	ALL	652530.5	4188375	2.70E-08	70YrCancel	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5603	ALL	652521	4188352	2.70E-08	70YrCancel	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5604	ALL	652511.6	4188329	2.69E-08	70YrCancel	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5605	ALL	652502.1	4188306	2.67E-08	70YrCancel	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5606	ALL	652492.6	4188284	2.66E-08	70YrCancel	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5607	ALL	652483.2	4188261	2.65E-08	70YrCancel	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5608	ALL	652473.7	4188238	2.64E-08	70YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5609	ALL	652464.2	4188216	2.65E-08	70YrCancel	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5610	ALL	652454.8	4188193	2.66E-08	70YrCancel	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5611	ALL	652445.3	4188170	2.67E-08	70YrCancel	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5612	ALL	652435.9	4188147	2.68E-08	70YrCancel	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5613	ALL	652426.4	4188125	2.68E-08	70YrCancel	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5614	ALL	652416.9	4188102	2.66E-08	70YrCancel	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5615	ALL	652407.5	4188079	2.64E-08	70YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5616	ALL	652398	4188056	2.61E-08	70YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5617	ALL	652388.5	4188034	2.57E-08	70YrCancel	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5618	ALL	652379.1	4188011	2.52E-08	70YrCancel	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5619	ALL	652369.6	4187988	2.47E-08	70YrCancel	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5620	ALL	652360.1	4187965	2.42E-08	70YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5621	ALL	652350.7	4187943	2.36E-08	70YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5622	ALL	652608.4	4189151	1.64E-08	70YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5623	ALL	652599	4189128	1.67E-08	70YrCancel	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5624	ALL	652589.6	4189106	1.69E-08	70YrCancel	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5625	ALL	652580.2	4189083	1.70E-08	70YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5626	ALL	652570.8	4189060	1.72E-08	70YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5627	ALL	652561.4	4189038	1.73E-08	70YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5628	ALL	652552	4189015	1.74E-08	70YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5629	ALL	652542.6	4188993	1.74E-08	70YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5630	ALL	652533.2	4188970	1.75E-08	70YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5631	ALL	652523.8	4188948	1.76E-08	70YrCancel	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5632	ALL	652514.4	4188925	1.77E-08	70YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5633	ALL	652505	4188902	1.78E-08	70YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5634	ALL	652495.6	4188880	1.79E-08	70YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5635	ALL	652486.2	4188857	1.81E-08	70YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5636	ALL	652476.8	4188835	1.82E-08	70YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5637	ALL	652467.4	4188812	1.84E-08	70YrCancel	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5638	ALL	652458	4188790	1.85E-08	70YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5639	ALL	652448.6	4188767	1.87E-08	70YrCancel	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5640	ALL	652439.2	4188744	1.89E-08	70YrCancel	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5641	ALL	652429.8	4188722	1.91E-08	70YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5642	ALL	652420.4	4188699	1.92E-08	70YrCancel	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5643	ALL	652411	4188677	1.94E-08	70YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5644	ALL	652401.6	4188654	1.95E-08	70YrCancel	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5645	ALL	652392.2	4188632	1.96E-08	70YrCancel	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5646	ALL	652382.8	4188609	1.97E-08	70YrCancel	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5647	ALL	652373.4	4188586	1.98E-08	70YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5648	ALL	652364	4188564	1.99E-08	70YrCancel	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5649	ALL	652354.6	4188541	2.01E-08	70YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5650	ALL	652345.2	4188519	2.02E-08	70YrCancel	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5651	ALL	652335.8	4188496	2.03E-08	70YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5652	ALL	652326.4	4188473	2.04E-08	70YrCancel	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5653	ALL	652317	4188451	2.05E-08	70YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5654	ALL	652307.6	4188428	2.05E-08	70YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5655	ALL	652298.2	4188406	2.05E-08	70YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5656	ALL	652288.8	4188383	2.04E-08	70YrCancel	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5657	ALL	652279.4	4188361	2.02E-08	70YrCancel	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5658	ALL	652270	4188338	2.01E-08	70YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5659	ALL	652260.6	4188315	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5660	ALL	652251.2	4188293	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5661	ALL	652241.8	4188270	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5662	ALL	652232.4	4188248	2.01E-08	70YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5663	ALL	652223	4188225	2.02E-08	70YrCancel	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5664	ALL	652213.6	4188203	2.03E-08	70YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5665	ALL	652204.2	4188180	2.03E-08	70YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5666	ALL	652194.8	4188157	2.03E-08	70YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5667	ALL	652185.4	4188135	2.03E-08	70YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5668	ALL	652176	4188112	2.02E-08	70YrCancel	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5669	ALL	652166.6	4188090	2.00E-08	70YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5670	ALL	652157.2	4188067	1.98E-08	70YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5671	ALL	652147.8	4188045	1.95E-08	70YrCancel	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5672	ALL	652138.4	4188022	1.92E-08	70YrCancel	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5673	ALL	652129	4187999	1.89E-08	70YrCancel	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5674	ALL	652119.6	4187977	1.85E-08	70YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5675	ALL	652110.2	4187954	1.82E-08	70YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5676	ALL	652100.8	4187932	1.78E-08	70YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5677	ALL	652622.2	4189170	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5678	ALL	652440.1	4189336	1.30E-08	70YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5679	ALL	652430.7	4189313	1.31E-08	70YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5680	ALL	652421.2	4189290	1.33E-08	70YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5681	ALL	652411.8	4189268	1.34E-08	70YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5682	ALL	652402.4	4189245	1.35E-08	70YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5683	ALL	652393	4189222	1.36E-08	70YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5684	ALL	652383.6	4189200	1.36E-08	70YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5685	ALL	652374.1	4189177	1.37E-08	70YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5686	ALL	652364.7	4189155	1.38E-08	70YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5687	ALL	652355.3	4189132	1.38E-08	70YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5688	ALL	652345.9	4189109	1.38E-08	70YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5689	ALL	652336.4	4189087	1.39E-08	70YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5690	ALL	652327	4189064	1.40E-08	70YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5691	ALL	652317.6	4189041	1.40E-08	70YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5692	ALL	652308.2	4189019	1.41E-08	70YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5693	ALL	652298.7	4188996	1.42E-08	70YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5694	ALL	652289.3	4188973	1.43E-08	70YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5695	ALL	652279.9	4188951	1.44E-08	70YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5696	ALL	652270.5	4188928	1.46E-08	70YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5697	ALL	652261	4188906	1.47E-08	70YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5698	ALL	652251.6	4188883	1.48E-08	70YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5699	ALL	652242.2	4188860	1.49E-08	70YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5700	ALL	652232.8	4188838	1.50E-08	70YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5701	ALL	652223.3	4188815	1.52E-08	70YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5702	ALL	652213.9	4188792	1.53E-08	70YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5703	ALL	652204.5	4188770	1.54E-08	70YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5704	ALL	652195.1	4188747	1.54E-08	70YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5705	ALL	652185.7	4188724	1.55E-08	70YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5706	ALL	652176.2	4188702	1.56E-08	70YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5707	ALL	652166.8	4188679	1.56E-08	70YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5708	ALL	652157.4	4188657	1.57E-08	70YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5709	ALL	652148	4188634	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5710	ALL	652138.5	4188611	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5711	ALL	652129.1	4188589	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5712	ALL	652119.7	4188566	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5713	ALL	652110.3	4188543	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5714	ALL	652100.8	4188521	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5715	ALL	652091.4	4188498	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5716	ALL	652082	4188475	1.62E-08	70YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5717	ALL	652072.6	4188453	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5718	ALL	652063.1	4188430	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5719	ALL	652053.7	4188408	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5720	ALL	652044.3	4188385	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5721	ALL	652034.9	4188362	1.57E-08	70YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5722	ALL	652025.4	4188340	1.57E-08	70YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5723	ALL	652016	4188317	1.57E-08	70YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5724	ALL	652006.6	4188294	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5725	ALL	651997.2	4188272	1.59E-08	70YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5726	ALL	651987.7	4188249	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5727	ALL	651978.3	4188226	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5728	ALL	651968.9	4188204	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5729	ALL	651959.5	4188181	1.61E-08	70YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5730	ALL	651950.1	4188159	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5731	ALL	651940.6	4188136	1.60E-08	70YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5732	ALL	651931.2	4188113	1.58E-08	70YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5733	ALL	651921.8	4188091	1.57E-08	70YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5734	ALL	651912.4	4188068	1.55E-08	70YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5735	ALL	651902.9	4188045	1.53E-08	70YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5736	ALL	651893.5	4188023	1.51E-08	70YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5737	ALL	651884.1	4188000	1.49E-08	70YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5738	ALL	651874.7	4187977	1.46E-08	70YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5739	ALL	651865.2	4187955	1.44E-08	70YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5740	ALL	651855.8	4187932	1.41E-08	70YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5741	ALL	652103.6	4189705	8.77E-09	70YrCancel	8.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5742	ALL	652094.1	4189683	8.86E-09	70YrCancel	8.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5743	ALL	652084.6	4189660	8.94E-09	70YrCancel	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5744	ALL	652075.2	4189637	9.01E-09	70YrCancel	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5745	ALL	652065.7	4189615	9.08E-09	70YrCancel	9.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5746	ALL	652056.3	4189592	9.13E-09	70YrCancel	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5747	ALL	652046.8	4189569	9.18E-09	70YrCancel	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5748	ALL	652037.4	4189546	9.22E-09	70YrCancel	9.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5749	ALL	652027.9	4189524	9.25E-09	70YrCancel	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5750	ALL	652018.4	4189501	9.28E-09	70YrCancel	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5751	ALL	652009	4189478	9.30E-09	70YrCancel	9.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5752	ALL	651999.5	4189456	9.33E-09	70YrCancel	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5753	ALL	651990.1	4189433	9.35E-09	70YrCancel	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5754	ALL	651980.6	4189410	9.37E-09	70YrCancel	9.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5755	ALL	651971.1	4189387	9.40E-09	70YrCancel	9.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5756	ALL	651961.7	4189365	9.43E-09	70YrCancel	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5757	ALL	651952.2	4189342	9.46E-09	70YrCancel	9.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5758	ALL	651942.8	4189319	9.51E-09	70YrCancel	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5759	ALL	651933.3	4189296	9.56E-09	70YrCancel	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5760	ALL	651923.8	4189274	9.61E-09	70YrCancel	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5761	ALL	651914.4	4189251	9.67E-09	70YrCancel	9.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5762	ALL	651904.9	4189228	9.73E-09	70YrCancel	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5763	ALL	651895.5	4189206	9.79E-09	70YrCancel	9.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5764	ALL	651886	4189183	9.85E-09	70YrCancel	9.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5765	ALL	651876.6	4189160	9.91E-09	70YrCancel	9.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5766	ALL	651867.1	4189137	9.98E-09	70YrCancel	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5767	ALL	651857.6	4189115	1.00E-08	70YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5768	ALL	651848.2	4189092	1.01E-08	70YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5769	ALL	651838.7	4189069	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5770	ALL	651829.3	4189047	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5771	ALL	651819.8	4189024	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5772	ALL	651810.3	4189001	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5773	ALL	651800.9	4188978	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5774	ALL	651791.4	4188956	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5775	ALL	651782	4188933	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5776	ALL	651772.5	4188910	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5777	ALL	651763.1	4188887	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5778	ALL	651753.6	4188865	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5779	ALL	651744.1	4188842	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5780	ALL	651734.7	4188819	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5781	ALL	651725.2	4188797	1.07E-08	70YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5782	ALL	651715.8	4188774	1.07E-08	70YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5783	ALL	651706.3	4188751	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5784	ALL	651696.8	4188728	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5785	ALL	651687.4	4188706	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5786	ALL	651677.9	4188683	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5787	ALL	651668.5	4188660	1.10E-08	70YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5788	ALL	651659	4188638	1.10E-08	70YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5789	ALL	651649.6	4188615	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5790	ALL	651640.1	4188592	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5791	ALL	651630.6	4188569	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5792	ALL	651621.2	4188547	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5793	ALL	651611.7	4188524	1.07E-08	70YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5794	ALL	651602.3	4188501	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5795	ALL	651592.8	4188479	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5796	ALL	651583.3	4188456	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5797	ALL	651573.9	4188433	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5798	ALL	651564.4	4188410	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5799	ALL	651555	4188388	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5800	ALL	651545.5	4188365	1.07E-08	70YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5801	ALL	651536.1	4188342	1.07E-08	70YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5802	ALL	651526.6	4188319	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5803	ALL	651517.1	4188297	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5804	ALL	651507.7	4188274	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5805	ALL	651498.2	4188251	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5806	ALL	651488.8	4188229	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5807	ALL	651479.3	4188206	1.09E-08	70YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5808	ALL	651469.8	4188183	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5809	ALL	651460.4	4188160	1.08E-08	70YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5810	ALL	651450.9	4188138	1.07E-08	70YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5811	ALL	651441.5	4188115	1.06E-08	70YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5812	ALL	651432	4188092	1.05E-08	70YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5813	ALL	651422.6	4188070	1.04E-08	70YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5814	ALL	651413.1	4188047	1.03E-08	70YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5815	ALL	651403.6	4188024	1.02E-08	70YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5816	ALL	651394.2	4188001	1.00E-08	70YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5817	ALL	651384.7	4187979	9.88E-09	70YrCancel	9.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5818	ALL	651375.3	4187956	9.74E-09	70YrCancel	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5819	ALL	651365.8	4187933	9.59E-09	70YrCancel	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5820	ALL	651356.3	4187910	9.46E-09	70YrCancel	9.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5821	ALL	652117.4	4189725	8.70E-09	70YrCancel	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5822	ALL	651767.1	4190075	6.41E-09	70YrCancel	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5823	ALL	651757.6	4190053	6.47E-09	70YrCancel	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5824	ALL	651748.2	4190030	6.52E-09	70YrCancel	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5825	ALL	651738.8	4190007	6.56E-09	70YrCancel	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5826	ALL	651729.3	4189985	6.60E-09	70YrCancel	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5827	ALL	651719.9	4189962	6.64E-09	70YrCancel	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5828	ALL	651710.5	4189939	6.67E-09	70YrCancel	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5829	ALL	651701	4189917	6.70E-09	70YrCancel	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5830	ALL	651691.6	4189894	6.72E-09	70YrCancel	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5831	ALL	651682.2	4189871	6.75E-09	70YrCancel	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5832	ALL	651672.7	4189849	6.76E-09	70YrCancel	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5833	ALL	651663.3	4189826	6.78E-09	70YrCancel	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5834	ALL	651653.9	4189803	6.79E-09	70YrCancel	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5835	ALL	651644.4	4189781	6.80E-09	70YrCancel	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5836	ALL	651635	4189758	6.81E-09	70YrCancel	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5837	ALL	651625.6	4189735	6.82E-09	70YrCancel	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5838	ALL	651616.1	4189713	6.83E-09	70YrCancel	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5839	ALL	651606.7	4189690	6.84E-09	70YrCancel	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5840	ALL	651597.3	4189667	6.86E-09	70YrCancel	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5841	ALL	651587.8	4189645	6.88E-09	70YrCancel	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5842	ALL	651578.4	4189622	6.90E-09	70YrCancel	6.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5843	ALL	651569	4189599	6.93E-09	70YrCancel	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5844	ALL	651559.5	4189577	6.96E-09	70YrCancel	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5845	ALL	651550.1	4189554	7.00E-09	70YrCancel	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5846	ALL	651540.7	4189531	7.03E-09	70YrCancel	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5847	ALL	651531.2	4189509	7.07E-09	70YrCancel	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5848	ALL	651521.8	4189486	7.11E-09	70YrCancel	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5849	ALL	651512.4	4189463	7.15E-09	70YrCancel	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5850	ALL	651502.9	4189441	7.18E-09	70YrCancel	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5851	ALL	651493.5	4189418	7.22E-09	70YrCancel	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5852	ALL	651484.1	4189395	7.26E-09	70YrCancel	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5853	ALL	651474.6	4189373	7.29E-09	70YrCancel	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5854	ALL	651465.2	4189350	7.33E-09	70YrCancel	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5855	ALL	651455.8	4189328	7.36E-09	70YrCancel	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5856	ALL	651446.3	4189305	7.40E-09	70YrCancel	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5857	ALL	651436.9	4189282	7.44E-09	70YrCancel	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5858	ALL	651427.5	4189260	7.47E-09	70YrCancer	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5859	ALL	651418	4189237	7.51E-09	70YrCancer	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5860	ALL	651408.6	4189214	7.54E-09	70YrCancer	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5861	ALL	651399.2	4189192	7.56E-09	70YrCancer	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5862	ALL	651389.7	4189169	7.59E-09	70YrCancer	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5863	ALL	651380.3	4189146	7.60E-09	70YrCancer	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5864	ALL	651370.9	4189124	7.62E-09	70YrCancer	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5865	ALL	651361.4	4189101	7.63E-09	70YrCancer	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5866	ALL	651352	4189078	7.65E-09	70YrCancer	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5867	ALL	651342.6	4189056	7.67E-09	70YrCancer	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5868	ALL	651333.1	4189033	7.69E-09	70YrCancer	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5869	ALL	651323.7	4189010	7.71E-09	70YrCancer	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5870	ALL	651314.3	4188988	7.74E-09	70YrCancer	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5871	ALL	651304.8	4188965	7.77E-09	70YrCancer	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5872	ALL	651295.4	4188942	7.80E-09	70YrCancer	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5873	ALL	651286	4188920	7.84E-09	70YrCancer	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5874	ALL	651276.5	4188897	7.88E-09	70YrCancer	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5875	ALL	651267.1	4188874	7.93E-09	70YrCancer	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5876	ALL	651257.7	4188852	7.96E-09	70YrCancer	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5877	ALL	651248.2	4188829	8.00E-09	70YrCancer	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5878	ALL	651238.8	4188806	8.02E-09	70YrCancer	8.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5879	ALL	651229.4	4188784	8.03E-09	70YrCancer	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5880	ALL	651219.9	4188761	8.02E-09	70YrCancer	8.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5881	ALL	651210.5	4188738	8.00E-09	70YrCancer	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5882	ALL	651201.1	4188716	7.96E-09	70YrCancer	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5883	ALL	651191.6	4188693	7.92E-09	70YrCancer	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5884	ALL	651182.2	4188670	7.86E-09	70YrCancer	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5885	ALL	651172.8	4188648	7.81E-09	70YrCancer	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5886	ALL	651163.3	4188625	7.76E-09	70YrCancer	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5887	ALL	651153.9	4188602	7.72E-09	70YrCancer	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5888	ALL	651144.5	4188580	7.69E-09	70YrCancer	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5889	ALL	651135	4188557	7.68E-09	70YrCancer	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5890	ALL	651125.6	4188534	7.67E-09	70YrCancer	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5891	ALL	651116.2	4188512	7.69E-09	70YrCancer	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5892	ALL	651106.7	4188489	7.71E-09	70YrCancer	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5893	ALL	651097.3	4188466	7.74E-09	70YrCancer	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5894	ALL	651087.9	4188444	7.78E-09	70YrCancer	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5895	ALL	651078.5	4188421	7.83E-09	70YrCancer	7.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5896	ALL	651069	4188398	7.87E-09	70YrCancer	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5897	ALL	651059.6	4188376	7.91E-09	70YrCancer	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5898	ALL	651050.2	4188353	7.93E-09	70YrCancer	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5899	ALL	651040.7	4188330	7.95E-09	70YrCancer	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5900	ALL	651031.3	4188308	7.96E-09	70YrCancer	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5901	ALL	651021.9	4188285	7.95E-09	70YrCancer	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5902	ALL	651012.4	4188263	7.94E-09	70YrCancer	7.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5903	ALL	651003	4188240	7.92E-09	70YrCancer	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5904	ALL	650993.6	4188217	7.89E-09	70YrCancer	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5905	ALL	650984.1	4188195	7.85E-09	70YrCancer	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5906	ALL	650974.7	4188172	7.80E-09	70YrCancer	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5907	ALL	650965.3	4188149	7.76E-09	70YrCancer	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5908	ALL	650955.8	4188127	7.70E-09	70YrCancer	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5909	ALL	650946.4	4188104	7.64E-09	70YrCancer	7.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5910	ALL	650937	4188081	7.57E-09	70YrCancer	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5911	ALL	650927.5	4188059	7.50E-09	70YrCancer	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5912	ALL	650918.1	4188036	7.42E-09	70YrCancer	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5913	ALL	650908.7	4188013	7.33E-09	70YrCancer	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5914	ALL	650899.2	4187991	7.25E-09	70YrCancer	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5915	ALL	650889.8	4187968	7.16E-09	70YrCancer	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5916	ALL	650880.4	4187945	7.07E-09	70YrCancer	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5917	ALL	650870.9	4187923	6.99E-09	70YrCancer	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5918	ALL	650861.5	4187900	6.90E-09	70YrCancer	6.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5919	ALL	650852.1	4187877	6.82E-09	70YrCancer	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5920	ALL	651780.9	4190095	6.36E-09	70YrCancer	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5921	ALL	651430.5	4190445	4.93E-09	70YrCancer	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5922	ALL	651421.1	4190422	4.97E-09	70YrCancer	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5923	ALL	651411.6	4190400	5.00E-09	70YrCancer	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5924	ALL	651402.2	4190377	5.03E-09	70YrCancer	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5925	ALL	651392.7	4190354	5.06E-09	70YrCancer	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5926	ALL	651383.2	4190331	5.08E-09	70YrCancer	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5927	ALL	651373.8	4190309	5.11E-09	70YrCancer	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5928	ALL	651364.3	4190286	5.13E-09	70YrCancer	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5929	ALL	651354.9	4190263	5.15E-09	70YrCancer	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5930	ALL	651345.4	4190241	5.17E-09	70YrCancer	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5931	ALL	651336	4190218	5.18E-09	70YrCancer	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5932	ALL	651326.5	4190195	5.19E-09	70YrCancer	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5933	ALL	651317.1	4190172	5.21E-09	70YrCancer	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5934	ALL	651307.6	4190150	5.22E-09	70YrCancer	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5935	ALL	651298.1	4190127	5.23E-09	70YrCancer	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5936	ALL	651288.7	4190104	5.23E-09	70YrCancer	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5937	ALL	651279.2	4190082	5.24E-09	70YrCancer	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5938	ALL	651269.8	4190059	5.24E-09	70YrCancer	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5939	ALL	651260.3	4190036	5.25E-09	70YrCancer	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5940	ALL	651250.9	4190013	5.26E-09	70YrCancer	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5941	ALL	651241.4	4189991	5.26E-09	70YrCancer	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5942	ALL	651232	4189968	5.27E-09	70YrCancer	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5943	ALL	651222.5	4189945	5.28E-09	70YrCancer	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5944	ALL	651213	4189923	5.30E-09	70YrCancer	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5945	ALL	651203.6	4189900	5.31E-09	70YrCancer	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5946	ALL	651194.1	4189877	5.33E-09	70YrCancer	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5947	ALL	651184.7	4189854	5.35E-09	70YrCancer	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5948	ALL	651175.2	4189832	5.37E-09	70YrCancer	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5949	ALL	651165.8	4189809	5.40E-09	70YrCancer	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5950	ALL	651156.3	4189786	5.42E-09	70YrCancer	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5951	ALL	651146.8	4189764	5.45E-09	70YrCancer	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5952	ALL	651137.4	4189741	5.47E-09	70YrCancer	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5953	ALL	651127.9	4189718	5.49E-09	70YrCancer	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5954	ALL	651118.5	4189695	5.52E-09	70YrCancer	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5955	ALL	651109	4189673	5.54E-09	70YrCancer	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5956	ALL	651099.6	4189650	5.56E-09	70YrCancer	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5957	ALL	651090.1	4189627	5.58E-09	70YrCancer	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5958	ALL	651080.7	4189605	5.61E-09	70YrCancer	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5959	ALL	651071.2	4189582	5.63E-09	70YrCancel	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5960	ALL	651061.7	4189559	5.65E-09	70YrCancel	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5961	ALL	651052.3	4189536	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5962	ALL	651042.8	4189514	5.70E-09	70YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5963	ALL	651033.4	4189491	5.73E-09	70YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5964	ALL	651023.9	4189468	5.75E-09	70YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5965	ALL	651014.5	4189446	5.77E-09	70YrCancel	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5966	ALL	651005	4189423	5.79E-09	70YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5967	ALL	650995.6	4189400	5.81E-09	70YrCancel	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5968	ALL	650986.1	4189377	5.82E-09	70YrCancel	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5969	ALL	650976.6	4189355	5.83E-09	70YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5970	ALL	650967.2	4189332	5.84E-09	70YrCancel	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5971	ALL	650957.7	4189309	5.85E-09	70YrCancel	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5972	ALL	650948.3	4189287	5.86E-09	70YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5973	ALL	650938.8	4189264	5.87E-09	70YrCancel	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5974	ALL	650929.4	4189241	5.88E-09	70YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5975	ALL	650919.9	4189218	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5976	ALL	650910.5	4189196	5.91E-09	70YrCancel	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5977	ALL	650901	4189173	5.93E-09	70YrCancel	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5978	ALL	650891.5	4189150	5.95E-09	70YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5979	ALL	650882.1	4189128	5.97E-09	70YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5980	ALL	650872.6	4189105	6.00E-09	70YrCancel	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5981	ALL	650863.2	4189082	6.01E-09	70YrCancel	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5982	ALL	650853.7	4189059	6.04E-09	70YrCancel	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5983	ALL	650844.3	4189037	6.08E-09	70YrCancel	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5984	ALL	650834.8	4189014	6.11E-09	70YrCancel	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5985	ALL	650825.4	4188991	6.14E-09	70YrCancel	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5986	ALL	650815.9	4188969	6.16E-09	70YrCancel	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5987	ALL	650806.4	4188946	6.17E-09	70YrCancel	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5988	ALL	650797	4188923	6.18E-09	70YrCancel	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5989	ALL	650787.5	4188900	6.17E-09	70YrCancel	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5990	ALL	650778.1	4188878	6.15E-09	70YrCancel	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5991	ALL	650768.6	4188855	6.13E-09	70YrCancel	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5992	ALL	650759.2	4188832	6.10E-09	70YrCancel	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5993	ALL	650749.7	4188810	6.07E-09	70YrCancel	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5994	ALL	650740.2	4188787	6.03E-09	70YrCancel	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5995	ALL	650730.8	4188764	5.99E-09	70YrCancel	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5996	ALL	650721.3	4188741	5.96E-09	70YrCancel	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5997	ALL	650711.9	4188719	5.93E-09	70YrCancel	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5998	ALL	650702.4	4188696	5.91E-09	70YrCancel	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5999	ALL	650693	4188673	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6000	ALL	650683.5	4188651	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6001	ALL	650674.1	4188628	5.89E-09	70YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6002	ALL	650664.6	4188605	5.90E-09	70YrCancel	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6003	ALL	650655.1	4188582	5.91E-09	70YrCancel	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6004	ALL	650645.7	4188560	5.94E-09	70YrCancel	5.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6005	ALL	650636.2	4188537	5.96E-09	70YrCancel	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6006	ALL	650626.8	4188514	5.99E-09	70YrCancel	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6007	ALL	650617.3	4188492	6.02E-09	70YrCancel	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6008	ALL	650607.9	4188469	6.04E-09	70YrCancel	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6009	ALL	650598.4	4188446	6.07E-09	70YrCancel	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6010	ALL	650589	4188423	6.09E-09	70YrCancel	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6011	ALL	650579.5	4188401	6.11E-09	70YrCancel	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6012	ALL	650570	4188378	6.12E-09	70YrCancel	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6013	ALL	650560.6	4188355	6.12E-09	70YrCancel	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6014	ALL	650551.1	4188333	6.11E-09	70YrCancel	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6015	ALL	650541.7	4188310	6.10E-09	70YrCancel	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6016	ALL	650532.2	4188287	6.09E-09	70YrCancel	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6017	ALL	650522.8	4188264	6.07E-09	70YrCancel	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6018	ALL	650513.3	4188242	6.04E-09	70YrCancel	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6019	ALL	650503.9	4188219	6.02E-09	70YrCancel	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6020	ALL	650494.4	4188196	5.99E-09	70YrCancel	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6021	ALL	650484.9	4188174	5.95E-09	70YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6022	ALL	650475.5	4188151	5.92E-09	70YrCancel	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6023	ALL	650466	4188128	5.87E-09	70YrCancel	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6024	ALL	650456.6	4188105	5.83E-09	70YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6025	ALL	650447.1	4188083	5.78E-09	70YrCancel	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6026	ALL	650437.7	4188060	5.73E-09	70YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6027	ALL	650428.2	4188037	5.68E-09	70YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6028	ALL	650418.7	4188015	5.62E-09	70YrCancel	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6029	ALL	650409.3	4187992	5.56E-09	70YrCancel	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6030	ALL	650399.8	4187969	5.50E-09	70YrCancel	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6031	ALL	650390.4	4187946	5.44E-09	70YrCancel	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6032	ALL	650380.9	4187924	5.38E-09	70YrCancel	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6033	ALL	650371.5	4187901	5.31E-09	70YrCancel	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6034	ALL	650362	4187878	5.26E-09	70YrCancel	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6035	ALL	650352.6	4187856	5.21E-09	70YrCancel	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6036	ALL	651094	4190815	3.93E-09	70YrCancel	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6037	ALL	651084.6	4190792	3.96E-09	70YrCancel	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6038	ALL	651075.1	4190770	3.99E-09	70YrCancel	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6039	ALL	651065.7	4190747	4.01E-09	70YrCancel	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6040	ALL	651056.3	4190724	4.03E-09	70YrCancel	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6041	ALL	651046.8	4190702	4.05E-09	70YrCancel	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6042	ALL	651037.4	4190679	4.06E-09	70YrCancel	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6043	ALL	651028	4190656	4.08E-09	70YrCancel	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6044	ALL	651018.5	4190634	4.09E-09	70YrCancel	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6045	ALL	651009.1	4190611	4.11E-09	70YrCancel	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6046	ALL	650999.6	4190588	4.12E-09	70YrCancel	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6047	ALL	650990.2	4190566	4.13E-09	70YrCancel	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6048	ALL	650980.8	4190543	4.14E-09	70YrCancel	4.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6049	ALL	650971.3	4190520	4.15E-09	70YrCancel	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6050	ALL	650961.9	4190497	4.16E-09	70YrCancel	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6051	ALL	650952.5	4190475	4.16E-09	70YrCancel	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6052	ALL	650943	4190452	4.17E-09	70YrCancel	4.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6053	ALL	650933.6	4190429	4.18E-09	70YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6054	ALL	650924.1	4190407	4.18E-09	70YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6055	ALL	650914.7	4190384	4.18E-09	70YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6056	ALL	650905.3	4190361	4.18E-09	70YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6057	ALL	650895.8	4190339	4.19E-09	70YrCancel	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6058	ALL	650886.4	4190316	4.19E-09	70YrCancel	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6059	ALL	650877	4190293	4.20E-09	70YrCancel	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6060	ALL	650867.5	4190271	4.20E-09	70YrCancel	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6061	ALL	650858.1	4190248	4.21E-09	70YrCancel	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6062	ALL	650848.6	4190225	4.22E-09	70YrCancel	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6063	ALL	650839.2	4190203	4.23E-09	70YrCancel	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6064	ALL	650829.8	4190180	4.24E-09	70YrCancel	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6065	ALL	650820.3	4190157	4.25E-09	70YrCancel	4.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6066	ALL	650810.9	4190135	4.27E-09	70YrCancel	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6067	ALL	650801.5	4190112	4.28E-09	70YrCancel	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6068	ALL	650792	4190089	4.30E-09	70YrCancel	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6069	ALL	650782.6	4190067	4.32E-09	70YrCancel	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6070	ALL	650773.1	4190044	4.33E-09	70YrCancel	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6071	ALL	650763.7	4190021	4.35E-09	70YrCancel	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6072	ALL	650754.3	4189999	4.37E-09	70YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6073	ALL	650744.8	4189976	4.39E-09	70YrCancel	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6074	ALL	650735.4	4189953	4.40E-09	70YrCancel	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6075	ALL	650726	4189931	4.42E-09	70YrCancel	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6076	ALL	650716.5	4189908	4.43E-09	70YrCancel	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6077	ALL	650707.1	4189885	4.44E-09	70YrCancel	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6078	ALL	650697.7	4189863	4.46E-09	70YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6079	ALL	650688.2	4189840	4.48E-09	70YrCancel	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6080	ALL	650678.8	4189817	4.49E-09	70YrCancel	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6081	ALL	650669.3	4189795	4.51E-09	70YrCancel	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6082	ALL	650659.9	4189772	4.52E-09	70YrCancel	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6083	ALL	650650.5	4189749	4.54E-09	70YrCancel	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6084	ALL	650641	4189727	4.55E-09	70YrCancel	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6085	ALL	650631.6	4189704	4.57E-09	70YrCancel	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6086	ALL	650622.2	4189681	4.58E-09	70YrCancel	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6087	ALL	650612.7	4189659	4.59E-09	70YrCancel	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6088	ALL	650603.3	4189636	4.61E-09	70YrCancel	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6089	ALL	650593.8	4189613	4.62E-09	70YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6090	ALL	650584.4	4189591	4.63E-09	70YrCancel	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6091	ALL	650575	4189568	4.64E-09	70YrCancel	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6092	ALL	650565.5	4189545	4.64E-09	70YrCancel	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6093	ALL	650556.1	4189523	4.65E-09	70YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6094	ALL	650546.7	4189500	4.65E-09	70YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6095	ALL	650537.2	4189477	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6096	ALL	650527.8	4189455	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6097	ALL	650518.3	4189432	4.67E-09	70YrCancel	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6098	ALL	650508.9	4189409	4.68E-09	70YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6099	ALL	650499.5	4189387	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6100	ALL	650490	4189364	4.70E-09	70YrCancel	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6101	ALL	650480.6	4189341	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6102	ALL	650471.2	4189319	4.73E-09	70YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6103	ALL	650461.7	4189296	4.74E-09	70YrCancel	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6104	ALL	650452.3	4189273	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6105	ALL	650442.8	4189251	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6106	ALL	650433.4	4189228	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6107	ALL	650424	4189205	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6108	ALL	650414.5	4189183	4.85E-09	70YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6109	ALL	650405.1	4189160	4.87E-09	70YrCancel	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6110	ALL	650395.7	4189137	4.89E-09	70YrCancel	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6111	ALL	650386.2	4189115	4.91E-09	70YrCancel	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6112	ALL	650376.8	4189092	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6113	ALL	650367.3	4189069	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6114	ALL	650357.9	4189047	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6115	ALL	650348.5	4189024	4.92E-09	70YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6116	ALL	650339	4189001	4.90E-09	70YrCancel	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6117	ALL	650329.6	4188979	4.88E-09	70YrCancel	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6118	ALL	650320.2	4188956	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6119	ALL	650310.7	4188933	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6120	ALL	650301.3	4188911	4.80E-09	70YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6121	ALL	650291.8	4188888	4.77E-09	70YrCancel	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6122	ALL	650282.4	4188865	4.74E-09	70YrCancel	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6123	ALL	650273	4188843	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6124	ALL	650263.5	4188820	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6125	ALL	650254.1	4188797	4.68E-09	70YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6126	ALL	650244.7	4188775	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6127	ALL	650235.2	4188752	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6128	ALL	650225.8	4188729	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6129	ALL	650216.3	4188707	4.67E-09	70YrCancel	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6130	ALL	650206.9	4188684	4.68E-09	70YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6131	ALL	650197.5	4188661	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6132	ALL	650188	4188639	4.71E-09	70YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6133	ALL	650178.6	4188616	4.73E-09	70YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6134	ALL	650169.2	4188593	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6135	ALL	650159.7	4188571	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6136	ALL	650150.3	4188548	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6137	ALL	650140.9	4188525	4.83E-09	70YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6138	ALL	650131.4	4188503	4.85E-09	70YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6139	ALL	650122	4188480	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6140	ALL	650112.5	4188457	4.87E-09	70YrCancel	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6141	ALL	650103.1	4188435	4.87E-09	70YrCancel	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6142	ALL	650093.7	4188412	4.87E-09	70YrCancel	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6143	ALL	650084.2	4188389	4.87E-09	70YrCancel	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6144	ALL	650074.8	4188367	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6145	ALL	650065.4	4188344	4.86E-09	70YrCancel	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6146	ALL	650055.9	4188321	4.84E-09	70YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6147	ALL	650046.5	4188299	4.82E-09	70YrCancel	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6148	ALL	650037	4188276	4.81E-09	70YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6149	ALL	650027.6	4188253	4.78E-09	70YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6150	ALL	650018.2	4188230	4.76E-09	70YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6151	ALL	650008.7	4188208	4.74E-09	70YrCancel	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6152	ALL	649999.3	4188185	4.72E-09	70YrCancel	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6153	ALL	649989.9	4188162	4.69E-09	70YrCancel	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6154	ALL	649980.4	4188140	4.66E-09	70YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6155	ALL	649971	4188117	4.63E-09	70YrCancel	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6156	ALL	649961.5	4188094	4.60E-09	70YrCancel	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6157	ALL	649952.1	4188072	4.56E-09	70YrCancel	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6158	ALL	649942.7	4188049	4.52E-09	70YrCancel	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6159	ALL	649933.2	4188026	4.48E-09	70YrCancel	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6160	ALL	649923.8	4188004	4.44E-09	70YrCancel	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6161	ALL	649914.4	4187981	4.40E-09	70YrCancer	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6162	ALL	649904.9	4187958	4.35E-09	70YrCancer	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6163	ALL	649895.5	4187936	4.30E-09	70YrCancer	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6164	ALL	649886	4187913	4.26E-09	70YrCancer	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6165	ALL	649876.6	4187890	4.22E-09	70YrCancer	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6166	ALL	649867.2	4187868	4.18E-09	70YrCancer	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6167	ALL	649857.7	4187845	4.14E-09	70YrCancer	4.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6168	ALL	651107.8	4190835	3.91E-09	70YrCancer	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6169	ALL	653689.9	4187979	5.86E-06	70YrCancer	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6170	ALL	653699	4187987	4.02E-06	70YrCancer	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6171	ALL	653712.3	4187989	6.20E-06	70YrCancer	6.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6172	ALL	653810.5	4187989	2.56E-06	70YrCancer	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6173	ALL	653818.4	4187878	1.61E-06	70YrCancer	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6174	ALL	653694.5	4187874	1.40E-06	70YrCancer	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		653690.1	4187328	NonCancer	0.00E+00	1.86E-04	4.85E-03	0.00E+00	0.00E+00	4.85E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.85E-03
2	ALL		653710.1	4187328	NonCancer	0.00E+00	1.91E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
3	ALL		653730.1	4187328	NonCancer	0.00E+00	2.19E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
4	ALL		653750.1	4187328	NonCancer	0.00E+00	2.07E-04	5.17E-03	0.00E+00	0.00E+00	5.17E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.17E-03
5	ALL		653770.1	4187328	NonCancer	0.00E+00	1.91E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
6	ALL		653790.1	4187328	NonCancer	0.00E+00	1.82E-04	4.68E-03	0.00E+00	0.00E+00	4.68E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.68E-03
7	ALL		653810.1	4187328	NonCancer	0.00E+00	1.87E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
8	ALL		653830.1	4187328	NonCancer	0.00E+00	2.02E-04	5.08E-03	0.00E+00	0.00E+00	5.08E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	5.08E-03
9	ALL		653850.1	4187328	NonCancer	0.00E+00	1.94E-04	4.90E-03	0.00E+00	0.00E+00	4.90E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.90E-03
10	ALL		653870.1	4187328	NonCancer	0.00E+00	1.75E-04	4.51E-03	0.00E+00	0.00E+00	4.51E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	4.51E-03
11	ALL		653890.1	4187328	NonCancer	0.00E+00	1.93E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
12	ALL		653910.1	4187328	NonCancer	0.00E+00	1.91E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
13	ALL		653930.1	4187328	NonCancer	0.00E+00	1.85E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
14	ALL		653950.1	4187328	NonCancer	0.00E+00	1.87E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
15	ALL		653970.1	4187328	NonCancer	0.00E+00	1.87E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
16	ALL		653990.1	4187328	NonCancer	0.00E+00	1.86E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
17	ALL		654010.1	4187328	NonCancer	0.00E+00	1.82E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
18	ALL		654030.1	4187328	NonCancer	0.00E+00	1.67E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
19	ALL		654050.1	4187328	NonCancer	0.00E+00	1.70E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
20	ALL		654070.1	4187328	NonCancer	0.00E+00	1.54E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
21	ALL		654090.1	4187328	NonCancer	0.00E+00	1.67E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
22	ALL		654110.1	4187328	NonCancer	0.00E+00	1.65E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
23	ALL		654130.1	4187328	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
24	ALL		654150.1	4187328	NonCancer	0.00E+00	1.39E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
25	ALL		654170.1	4187328	NonCancer	0.00E+00	1.47E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
26	ALL		654190.1	4187328	NonCancer	0.00E+00	1.44E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
27	ALL		654210.1	4187328	NonCancer	0.00E+00	1.31E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
28	ALL		654230.1	4187328	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
29	ALL		654250.1	4187328	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
30	ALL		654270.1	4187328	NonCancer	0.00E+00	1.18E-04	3.02E-03	0.00E+00	0.00E+00	3.02E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
31	ALL		654290.1	4187328	NonCancer	0.00E+00	1.27E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
32	ALL		654310.1	4187328	NonCancer	0.00E+00	1.28E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
33	ALL		654330.1	4187328	NonCancer	0.00E+00	1.20E-04	3.02E-03	0.00E+00	0.00E+00	3.02E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
34	ALL		654350.1	4187328	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
35	ALL		654370.1	4187328	NonCancer	0.00E+00	1.07E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
36	ALL		654390.1	4187328	NonCancer	0.00E+00	9.61E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.61E-05	0.00E+00	9.61E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
37	ALL		654410.1	4187328	NonCancer	0.00E+00	9.98E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.98E-05	0.00E+00	9.98E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
38	ALL		654430.1	4187328	NonCancer	0.00E+00	9.67E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.67E-05	0.00E+00	9.67E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
39	ALL		654450.1	4187328	NonCancer	0.00E+00	9.12E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.12E-05	0.00E+00	9.12E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
40	ALL		654470.1	4187328	NonCancer	0.00E+00	9.46E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.46E-05	0.00E+00	9.46E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
41	ALL		654490.1	4187328	NonCancer	0.00E+00	1.01E-04	2.57E-03	0.00E+00	0.00E+00	2.57E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	2.57E-03
42	ALL		653690.1	4187348	NonCancer	0.00E+00	1.95E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
43	ALL		653710.1	4187348	NonCancer	0.00E+00	1.98E-04	5.19E-03	0.00E+00	0.00E+00	5.19E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.19E-03
44	ALL		653730.1	4187348	NonCancer	0.00E+00	2.28E-04	5.72E-03	0.00E+00	0.00E+00	5.72E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	5.72E-03
45	ALL		653750.1	4187348	NonCancer	0.00E+00	2.16E-04	5.39E-03	0.00E+00	0.00E+00	5.39E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	5.39E-03
46	ALL		653770.1	4187348	NonCancer	0.00E+00	1.98E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
47	ALL		653790.1	4187348	NonCancer	0.00E+00	1.88E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
48	ALL		653810.1	4187348	NonCancer	0.00E+00	1.95E-04	5.02E-03	0.00E+00	0.00E+00	5.02E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	5.02E-03
49	ALL		653830.1	4187348	NonCancer	0.00E+00	2.12E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03

50	ALL	653850.1	4187348	NonCancer	0.00E+00	1.98E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
51	ALL	653870.1	4187348	NonCancer	0.00E+00	1.89E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
52	ALL	653890.1	4187348	NonCancer	0.00E+00	2.01E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
53	ALL	653910.1	4187348	NonCancer	0.00E+00	2.01E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
54	ALL	653930.1	4187348	NonCancer	0.00E+00	1.87E-04	4.77E-03	0.00E+00	0.00E+00	4.77E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.77E-03
55	ALL	653950.1	4187348	NonCancer	0.00E+00	1.95E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
56	ALL	653970.1	4187348	NonCancer	0.00E+00	1.90E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
57	ALL	653990.1	4187348	NonCancer	0.00E+00	1.91E-04	4.81E-03	0.00E+00	0.00E+00	4.81E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	4.81E-03
58	ALL	654010.1	4187348	NonCancer	0.00E+00	1.83E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
59	ALL	654030.1	4187348	NonCancer	0.00E+00	1.79E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
60	ALL	654050.1	4187348	NonCancer	0.00E+00	1.71E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
61	ALL	654070.1	4187348	NonCancer	0.00E+00	1.68E-04	4.28E-03	0.00E+00	0.00E+00	4.28E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.28E-03
62	ALL	654090.1	4187348	NonCancer	0.00E+00	1.76E-04	4.40E-03	0.00E+00	0.00E+00	4.40E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	4.40E-03
63	ALL	654110.1	4187348	NonCancer	0.00E+00	1.62E-04	4.05E-03	0.00E+00	0.00E+00	4.05E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	4.05E-03
64	ALL	654130.1	4187348	NonCancer	0.00E+00	1.43E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
65	ALL	654150.1	4187348	NonCancer	0.00E+00	1.51E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
66	ALL	654170.1	4187348	NonCancer	0.00E+00	1.53E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
67	ALL	654190.1	4187348	NonCancer	0.00E+00	1.40E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
68	ALL	654210.1	4187348	NonCancer	0.00E+00	1.41E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
69	ALL	654230.1	4187348	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
70	ALL	654250.1	4187348	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
71	ALL	654270.1	4187348	NonCancer	0.00E+00	1.32E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
72	ALL	654290.1	4187348	NonCancer	0.00E+00	1.34E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
73	ALL	654310.1	4187348	NonCancer	0.00E+00	1.26E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
74	ALL	654330.1	4187348	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
75	ALL	654350.1	4187348	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
76	ALL	654370.1	4187348	NonCancer	0.00E+00	1.01E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
77	ALL	654390.1	4187348	NonCancer	0.00E+00	1.04E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
78	ALL	654410.1	4187348	NonCancer	0.00E+00	1.00E-04	2.53E-03	0.00E+00	0.00E+00	2.53E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	2.53E-03
79	ALL	654430.1	4187348	NonCancer	0.00E+00	9.53E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.53E-05	0.00E+00	9.53E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
80	ALL	654450.1	4187348	NonCancer	0.00E+00	1.00E-04	2.57E-03	0.00E+00	0.00E+00	2.57E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	2.57E-03
81	ALL	654470.1	4187348	NonCancer	0.00E+00	1.07E-04	2.70E-03	0.00E+00	0.00E+00	2.70E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	2.70E-03
82	ALL	654490.1	4187348	NonCancer	0.00E+00	1.08E-04	2.72E-03	0.00E+00	0.00E+00	2.72E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	2.72E-03
83	ALL	653690.1	4187368	NonCancer	0.00E+00	2.05E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
84	ALL	653710.1	4187368	NonCancer	0.00E+00	2.06E-04	5.39E-03	0.00E+00	0.00E+00	5.39E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	5.39E-03
85	ALL	653730.1	4187368	NonCancer	0.00E+00	2.38E-04	5.96E-03	0.00E+00	0.00E+00	5.96E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	5.96E-03
86	ALL	653750.1	4187368	NonCancer	0.00E+00	2.25E-04	5.61E-03	0.00E+00	0.00E+00	5.61E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	5.61E-03
87	ALL	653770.1	4187368	NonCancer	0.00E+00	2.06E-04	5.20E-03	0.00E+00	0.00E+00	5.20E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.20E-03
88	ALL	653790.1	4187368	NonCancer	0.00E+00	1.95E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
89	ALL	653810.1	4187368	NonCancer	0.00E+00	2.05E-04	5.27E-03	0.00E+00	0.00E+00	5.27E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.27E-03
90	ALL	653830.1	4187368	NonCancer	0.00E+00	2.21E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
91	ALL	653850.1	4187368	NonCancer	0.00E+00	2.00E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
92	ALL	653870.1	4187368	NonCancer	0.00E+00	2.03E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
93	ALL	653890.1	4187368	NonCancer	0.00E+00	2.08E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
94	ALL	653910.1	4187368	NonCancer	0.00E+00	2.09E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
95	ALL	653930.1	4187368	NonCancer	0.00E+00	2.00E-04	5.08E-03	0.00E+00	0.00E+00	5.08E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	5.08E-03
96	ALL	653950.1	4187368	NonCancer	0.00E+00	2.05E-04	5.17E-03	0.00E+00	0.00E+00	5.17E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.17E-03
97	ALL	653970.1	4187368	NonCancer	0.00E+00	2.02E-04	5.10E-03	0.00E+00	0.00E+00	5.10E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.10E-03
98	ALL	653990.1	4187368	NonCancer	0.00E+00	1.99E-04	4.98E-03	0.00E+00	0.00E+00	4.98E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	4.98E-03
99	ALL	654010.1	4187368	NonCancer	0.00E+00	1.82E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03

100	ALL	654030.1	4187368	NonCancer	0.00E+00	1.85E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
101	ALL	654050.1	4187368	NonCancer	0.00E+00	1.68E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
102	ALL	654070.1	4187368	NonCancer	0.00E+00	1.83E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
103	ALL	654090.1	4187368	NonCancer	0.00E+00	1.78E-04	4.44E-03	0.00E+00	0.00E+00	4.44E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.44E-03
104	ALL	654110.1	4187368	NonCancer	0.00E+00	1.54E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
105	ALL	654130.1	4187368	NonCancer	0.00E+00	1.54E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
106	ALL	654150.1	4187368	NonCancer	0.00E+00	1.61E-04	4.05E-03	0.00E+00	0.00E+00	4.05E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	4.05E-03
107	ALL	654170.1	4187368	NonCancer	0.00E+00	1.52E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
108	ALL	654190.1	4187368	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
109	ALL	654210.1	4187368	NonCancer	0.00E+00	1.43E-04	3.59E-03	0.00E+00	0.00E+00	3.59E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.59E-03
110	ALL	654230.1	4187368	NonCancer	0.00E+00	1.28E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
111	ALL	654250.1	4187368	NonCancer	0.00E+00	1.37E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
112	ALL	654270.1	4187368	NonCancer	0.00E+00	1.40E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
113	ALL	654290.1	4187368	NonCancer	0.00E+00	1.33E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
114	ALL	654310.1	4187368	NonCancer	0.00E+00	1.25E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
115	ALL	654330.1	4187368	NonCancer	0.00E+00	1.17E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
116	ALL	654350.1	4187368	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
117	ALL	654370.1	4187368	NonCancer	0.00E+00	1.09E-04	2.74E-03	0.00E+00	0.00E+00	2.74E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	2.74E-03
118	ALL	654390.1	4187368	NonCancer	0.00E+00	1.04E-04	2.64E-03	0.00E+00	0.00E+00	2.64E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	2.64E-03
119	ALL	654410.1	4187368	NonCancer	0.00E+00	1.00E-04	2.57E-03	0.00E+00	0.00E+00	2.57E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	2.57E-03
120	ALL	654430.1	4187368	NonCancer	0.00E+00	1.07E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
121	ALL	654450.1	4187368	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
122	ALL	654470.1	4187368	NonCancer	0.00E+00	1.13E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
123	ALL	654490.1	4187368	NonCancer	0.00E+00	1.08E-04	2.72E-03	0.00E+00	0.00E+00	2.72E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	2.72E-03
124	ALL	653690.1	4187388	NonCancer	0.00E+00	2.16E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
125	ALL	653710.1	4187388	NonCancer	0.00E+00	2.14E-04	5.61E-03	0.00E+00	0.00E+00	5.61E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	5.61E-03
126	ALL	653730.1	4187388	NonCancer	0.00E+00	2.49E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
127	ALL	653750.1	4187388	NonCancer	0.00E+00	2.35E-04	5.86E-03	0.00E+00	0.00E+00	5.86E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	5.86E-03
128	ALL	653770.1	4187388	NonCancer	0.00E+00	2.13E-04	5.41E-03	0.00E+00	0.00E+00	5.41E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.41E-03
129	ALL	653790.1	4187388	NonCancer	0.00E+00	2.03E-04	5.27E-03	0.00E+00	0.00E+00	5.27E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.27E-03
130	ALL	653810.1	4187388	NonCancer	0.00E+00	2.19E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
131	ALL	653830.1	4187388	NonCancer	0.00E+00	2.30E-04	5.75E-03	0.00E+00	0.00E+00	5.75E-03	2.30E-04	0.00E+00	2.30E-04	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.75E-03
132	ALL	653850.1	4187388	NonCancer	0.00E+00	2.05E-04	5.27E-03	0.00E+00	0.00E+00	5.27E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.27E-03
133	ALL	653870.1	4187388	NonCancer	0.00E+00	2.18E-04	5.52E-03	0.00E+00	0.00E+00	5.52E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	5.52E-03
134	ALL	653890.1	4187388	NonCancer	0.00E+00	2.15E-04	5.43E-03	0.00E+00	0.00E+00	5.43E-03	2.15E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.43E-03
135	ALL	653910.1	4187388	NonCancer	0.00E+00	2.14E-04	5.41E-03	0.00E+00	0.00E+00	5.41E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.41E-03
136	ALL	653930.1	4187388	NonCancer	0.00E+00	2.13E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
137	ALL	653950.1	4187388	NonCancer	0.00E+00	2.12E-04	5.35E-03	0.00E+00	0.00E+00	5.35E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	5.35E-03
138	ALL	653970.1	4187388	NonCancer	0.00E+00	2.11E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03
139	ALL	653990.1	4187388	NonCancer	0.00E+00	2.03E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
140	ALL	654010.1	4187388	NonCancer	0.00E+00	1.95E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
141	ALL	654030.1	4187388	NonCancer	0.00E+00	1.87E-04	4.75E-03	0.00E+00	0.00E+00	4.75E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	4.75E-03
142	ALL	654050.1	4187388	NonCancer	0.00E+00	1.86E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
143	ALL	654070.1	4187388	NonCancer	0.00E+00	1.91E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
144	ALL	654090.1	4187388	NonCancer	0.00E+00	1.72E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
145	ALL	654110.1	4187388	NonCancer	0.00E+00	1.59E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
146	ALL	654130.1	4187388	NonCancer	0.00E+00	1.69E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
147	ALL	654150.1	4187388	NonCancer	0.00E+00	1.63E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
148	ALL	654170.1	4187388	NonCancer	0.00E+00	1.51E-04	3.83E-03	0.00E+00	0.00E+00	3.83E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03
149	ALL	654190.1	4187388	NonCancer	0.00E+00	1.52E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03

150	ALL	654210.1	4187388	NonCancer	0.00E+00	1.38E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
151	ALL	654230.1	4187388	NonCancer	0.00E+00	1.43E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
152	ALL	654250.1	4187388	NonCancer	0.00E+00	1.47E-04	3.70E-03	0.00E+00	0.00E+00	3.70E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.70E-03
153	ALL	654270.1	4187388	NonCancer	0.00E+00	1.40E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
154	ALL	654290.1	4187388	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
155	ALL	654310.1	4187388	NonCancer	0.00E+00	1.23E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
156	ALL	654330.1	4187388	NonCancer	0.00E+00	1.11E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
157	ALL	654350.1	4187388	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
158	ALL	654370.1	4187388	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
159	ALL	654390.1	4187388	NonCancer	0.00E+00	1.05E-04	2.70E-03	0.00E+00	0.00E+00	2.70E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	2.70E-03
160	ALL	654410.1	4187388	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
161	ALL	654430.1	4187388	NonCancer	0.00E+00	1.18E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
162	ALL	654450.1	4187388	NonCancer	0.00E+00	1.17E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
163	ALL	654470.1	4187388	NonCancer	0.00E+00	1.11E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
164	ALL	654490.1	4187388	NonCancer	0.00E+00	1.05E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
165	ALL	653690.1	4187408	NonCancer	0.00E+00	2.27E-04	5.88E-03	0.00E+00	0.00E+00	5.88E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	5.88E-03
166	ALL	653710.1	4187408	NonCancer	0.00E+00	2.22E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
167	ALL	653730.1	4187408	NonCancer	0.00E+00	2.61E-04	6.51E-03	0.00E+00	0.00E+00	6.51E-03	2.61E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	6.51E-03
168	ALL	653750.1	4187408	NonCancer	0.00E+00	2.45E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
169	ALL	653770.1	4187408	NonCancer	0.00E+00	2.22E-04	5.64E-03	0.00E+00	0.00E+00	5.64E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	5.64E-03
170	ALL	653790.1	4187408	NonCancer	0.00E+00	2.16E-04	5.59E-03	0.00E+00	0.00E+00	5.59E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.59E-03	0.00E+00	0.00E+00	5.59E-03
171	ALL	653810.1	4187408	NonCancer	0.00E+00	2.34E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
172	ALL	653830.1	4187408	NonCancer	0.00E+00	2.39E-04	6.00E-03	0.00E+00	0.00E+00	6.00E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.00E-03
173	ALL	653850.1	4187408	NonCancer	0.00E+00	2.10E-04	5.40E-03	0.00E+00	0.00E+00	5.40E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.40E-03
174	ALL	653870.1	4187408	NonCancer	0.00E+00	2.31E-04	5.83E-03	0.00E+00	0.00E+00	5.83E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	5.83E-03
175	ALL	653890.1	4187408	NonCancer	0.00E+00	2.29E-04	5.77E-03	0.00E+00	0.00E+00	5.77E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.77E-03
176	ALL	653910.1	4187408	NonCancer	0.00E+00	2.16E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
177	ALL	653930.1	4187408	NonCancer	0.00E+00	2.23E-04	5.63E-03	0.00E+00	0.00E+00	5.63E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	5.63E-03
178	ALL	653950.1	4187408	NonCancer	0.00E+00	2.19E-04	5.54E-03	0.00E+00	0.00E+00	5.54E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.54E-03
179	ALL	653970.1	4187408	NonCancer	0.00E+00	2.19E-04	5.48E-03	0.00E+00	0.00E+00	5.48E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	5.48E-03
180	ALL	653990.1	4187408	NonCancer	0.00E+00	2.00E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
181	ALL	654010.1	4187408	NonCancer	0.00E+00	2.03E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
182	ALL	654030.1	4187408	NonCancer	0.00E+00	1.83E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
183	ALL	654050.1	4187408	NonCancer	0.00E+00	2.01E-04	5.06E-03	0.00E+00	0.00E+00	5.06E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	5.06E-03
184	ALL	654070.1	4187408	NonCancer	0.00E+00	1.91E-04	4.76E-03	0.00E+00	0.00E+00	4.76E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.76E-03
185	ALL	654090.1	4187408	NonCancer	0.00E+00	1.65E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
186	ALL	654110.1	4187408	NonCancer	0.00E+00	1.74E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
187	ALL	654130.1	4187408	NonCancer	0.00E+00	1.75E-04	4.37E-03	0.00E+00	0.00E+00	4.37E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.37E-03
188	ALL	654150.1	4187408	NonCancer	0.00E+00	1.57E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
189	ALL	654170.1	4187408	NonCancer	0.00E+00	1.61E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
190	ALL	654190.1	4187408	NonCancer	0.00E+00	1.49E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
191	ALL	654210.1	4187408	NonCancer	0.00E+00	1.48E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
192	ALL	654230.1	4187408	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
193	ALL	654250.1	4187408	NonCancer	0.00E+00	1.48E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
194	ALL	654270.1	4187408	NonCancer	0.00E+00	1.37E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
195	ALL	654290.1	4187408	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
196	ALL	654310.1	4187408	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
197	ALL	654330.1	4187408	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
198	ALL	654350.1	4187408	NonCancer	0.00E+00	1.13E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
199	ALL	654370.1	4187408	NonCancer	0.00E+00	1.11E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03

200	ALL	654390.1	4187408	NonCancer	0.00E+00	1.21E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
201	ALL	654410.1	4187408	NonCancer	0.00E+00	1.24E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
202	ALL	654430.1	4187408	NonCancer	0.00E+00	1.22E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
203	ALL	654450.1	4187408	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
204	ALL	654470.1	4187408	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
205	ALL	654490.1	4187408	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
206	ALL	653690.1	4187428	NonCancer	0.00E+00	2.38E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
207	ALL	653710.1	4187428	NonCancer	0.00E+00	2.31E-04	6.08E-03	0.00E+00	0.00E+00	6.08E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	6.08E-03
208	ALL	653730.1	4187428	NonCancer	0.00E+00	2.73E-04	6.82E-03	0.00E+00	0.00E+00	6.82E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.82E-03
209	ALL	653750.1	4187428	NonCancer	0.00E+00	2.56E-04	6.40E-03	0.00E+00	0.00E+00	6.40E-03	2.56E-04	0.00E+00	2.56E-04	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.40E-03
210	ALL	653770.1	4187428	NonCancer	0.00E+00	2.32E-04	5.93E-03	0.00E+00	0.00E+00	5.93E-03	2.32E-04	0.00E+00	2.32E-04	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.93E-03
211	ALL	653790.1	4187428	NonCancer	0.00E+00	2.29E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
212	ALL	653810.1	4187428	NonCancer	0.00E+00	2.49E-04	6.29E-03	0.00E+00	0.00E+00	6.29E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.29E-03
213	ALL	653830.1	4187428	NonCancer	0.00E+00	2.48E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
214	ALL	653850.1	4187428	NonCancer	0.00E+00	2.24E-04	5.75E-03	0.00E+00	0.00E+00	5.75E-03	2.24E-04	0.00E+00	2.24E-04	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.75E-03
215	ALL	653870.1	4187428	NonCancer	0.00E+00	2.42E-04	6.11E-03	0.00E+00	0.00E+00	6.11E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.11E-03
216	ALL	653890.1	4187428	NonCancer	0.00E+00	2.41E-04	6.08E-03	0.00E+00	0.00E+00	6.08E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	6.08E-03
217	ALL	653910.1	4187428	NonCancer	0.00E+00	2.30E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.30E-04	0.00E+00	2.30E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
218	ALL	653930.1	4187428	NonCancer	0.00E+00	2.35E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
219	ALL	653950.1	4187428	NonCancer	0.00E+00	2.33E-04	5.86E-03	0.00E+00	0.00E+00	5.86E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	5.86E-03
220	ALL	653970.1	4187428	NonCancer	0.00E+00	2.26E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
221	ALL	653990.1	4187428	NonCancer	0.00E+00	2.15E-04	5.40E-03	0.00E+00	0.00E+00	5.40E-03	2.15E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.40E-03
222	ALL	654010.1	4187428	NonCancer	0.00E+00	2.06E-04	5.23E-03	0.00E+00	0.00E+00	5.23E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.23E-03
223	ALL	654030.1	4187428	NonCancer	0.00E+00	2.07E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
224	ALL	654050.1	4187428	NonCancer	0.00E+00	2.09E-04	5.20E-03	0.00E+00	0.00E+00	5.20E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.20E-03
225	ALL	654070.1	4187428	NonCancer	0.00E+00	1.83E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03
226	ALL	654090.1	4187428	NonCancer	0.00E+00	1.78E-04	4.54E-03	0.00E+00	0.00E+00	4.54E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.54E-03
227	ALL	654110.1	4187428	NonCancer	0.00E+00	1.86E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
228	ALL	654130.1	4187428	NonCancer	0.00E+00	1.71E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
229	ALL	654150.1	4187428	NonCancer	0.00E+00	1.70E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
230	ALL	654170.1	4187428	NonCancer	0.00E+00	1.60E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
231	ALL	654190.1	4187428	NonCancer	0.00E+00	1.54E-04	3.92E-03	0.00E+00	0.00E+00	3.92E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.92E-03
232	ALL	654210.1	4187428	NonCancer	0.00E+00	1.62E-04	4.09E-03	0.00E+00	0.00E+00	4.09E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.09E-03
233	ALL	654230.1	4187428	NonCancer	0.00E+00	1.57E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
234	ALL	654250.1	4187428	NonCancer	0.00E+00	1.44E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
235	ALL	654270.1	4187428	NonCancer	0.00E+00	1.36E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
236	ALL	654290.1	4187428	NonCancer	0.00E+00	1.23E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
237	ALL	654310.1	4187428	NonCancer	0.00E+00	1.25E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
238	ALL	654330.1	4187428	NonCancer	0.00E+00	1.18E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
239	ALL	654350.1	4187428	NonCancer	0.00E+00	1.18E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
240	ALL	654370.1	4187428	NonCancer	0.00E+00	1.28E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
241	ALL	654390.1	4187428	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
242	ALL	654410.1	4187428	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
243	ALL	654430.1	4187428	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
244	ALL	654450.1	4187428	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
245	ALL	654470.1	4187428	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
246	ALL	654490.1	4187428	NonCancer	0.00E+00	1.15E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
247	ALL	653690.1	4187448	NonCancer	0.00E+00	2.50E-04	6.49E-03	0.00E+00	0.00E+00	6.49E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.49E-03
248	ALL	653710.1	4187448	NonCancer	0.00E+00	2.41E-04	6.35E-03	0.00E+00	0.00E+00	6.35E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	6.35E-03
249	ALL	653730.1	4187448	NonCancer	0.00E+00	2.87E-04	7.16E-03	0.00E+00	0.00E+00	7.16E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	7.16E-03

250	ALL	653750.1	4187448	NonCancer	0.00E+00	2.68E-04	6.70E-03	0.00E+00	0.00E+00	6.70E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	6.70E-03
251	ALL	653770.1	4187448	NonCancer	0.00E+00	2.45E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
252	ALL	653790.1	4187448	NonCancer	0.00E+00	2.43E-04	6.27E-03	0.00E+00	0.00E+00	6.27E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.27E-03
253	ALL	653810.1	4187448	NonCancer	0.00E+00	2.65E-04	6.64E-03	0.00E+00	0.00E+00	6.64E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	6.64E-03
254	ALL	653830.1	4187448	NonCancer	0.00E+00	2.55E-04	6.45E-03	0.00E+00	0.00E+00	6.45E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	6.45E-03
255	ALL	653850.1	4187448	NonCancer	0.00E+00	2.44E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
256	ALL	653870.1	4187448	NonCancer	0.00E+00	2.51E-04	6.32E-03	0.00E+00	0.00E+00	6.32E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	6.32E-03
257	ALL	653890.1	4187448	NonCancer	0.00E+00	2.50E-04	6.31E-03	0.00E+00	0.00E+00	6.31E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.31E-03
258	ALL	653910.1	4187448	NonCancer	0.00E+00	2.46E-04	6.22E-03	0.00E+00	0.00E+00	6.22E-03	2.46E-04	0.00E+00	2.46E-04	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	6.22E-03
259	ALL	653930.1	4187448	NonCancer	0.00E+00	2.43E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
260	ALL	653950.1	4187448	NonCancer	0.00E+00	2.41E-04	6.04E-03	0.00E+00	0.00E+00	6.04E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	6.04E-03
261	ALL	653970.1	4187448	NonCancer	0.00E+00	2.25E-04	5.70E-03	0.00E+00	0.00E+00	5.70E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	5.70E-03
262	ALL	653990.1	4187448	NonCancer	0.00E+00	2.25E-04	5.65E-03	0.00E+00	0.00E+00	5.65E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.65E-03
263	ALL	654010.1	4187448	NonCancer	0.00E+00	2.06E-04	5.28E-03	0.00E+00	0.00E+00	5.28E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	5.28E-03
264	ALL	654030.1	4187448	NonCancer	0.00E+00	2.23E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
265	ALL	654050.1	4187448	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
266	ALL	654070.1	4187448	NonCancer	0.00E+00	1.85E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
267	ALL	654090.1	4187448	NonCancer	0.00E+00	1.96E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
268	ALL	654110.1	4187448	NonCancer	0.00E+00	1.86E-04	4.68E-03	0.00E+00	0.00E+00	4.68E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.68E-03
269	ALL	654130.1	4187448	NonCancer	0.00E+00	1.78E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
270	ALL	654150.1	4187448	NonCancer	0.00E+00	1.72E-04	4.31E-03	0.00E+00	0.00E+00	4.31E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.31E-03
271	ALL	654170.1	4187448	NonCancer	0.00E+00	1.59E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
272	ALL	654190.1	4187448	NonCancer	0.00E+00	1.71E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
273	ALL	654210.1	4187448	NonCancer	0.00E+00	1.66E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
274	ALL	654230.1	4187448	NonCancer	0.00E+00	1.52E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
275	ALL	654250.1	4187448	NonCancer	0.00E+00	1.43E-04	3.59E-03	0.00E+00	0.00E+00	3.59E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.59E-03
276	ALL	654270.1	4187448	NonCancer	0.00E+00	1.30E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
277	ALL	654290.1	4187448	NonCancer	0.00E+00	1.32E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
278	ALL	654310.1	4187448	NonCancer	0.00E+00	1.23E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
279	ALL	654330.1	4187448	NonCancer	0.00E+00	1.27E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
280	ALL	654350.1	4187448	NonCancer	0.00E+00	1.36E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
281	ALL	654370.1	4187448	NonCancer	0.00E+00	1.37E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
282	ALL	654390.1	4187448	NonCancer	0.00E+00	1.31E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
283	ALL	654410.1	4187448	NonCancer	0.00E+00	1.22E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
284	ALL	654430.1	4187448	NonCancer	0.00E+00	1.26E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
285	ALL	654450.1	4187448	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
286	ALL	654470.1	4187448	NonCancer	0.00E+00	1.18E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
287	ALL	654490.1	4187448	NonCancer	0.00E+00	1.17E-04	2.94E-03	0.00E+00	0.00E+00	2.94E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.94E-03
288	ALL	653690.1	4187468	NonCancer	0.00E+00	2.63E-04	6.82E-03	0.00E+00	0.00E+00	6.82E-03	2.63E-04	0.00E+00	2.63E-04	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.82E-03
289	ALL	653710.1	4187468	NonCancer	0.00E+00	2.51E-04	6.63E-03	0.00E+00	0.00E+00	6.63E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	6.63E-03
290	ALL	653730.1	4187468	NonCancer	0.00E+00	3.02E-04	7.53E-03	0.00E+00	0.00E+00	7.53E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.53E-03
291	ALL	653750.1	4187468	NonCancer	0.00E+00	2.81E-04	7.02E-03	0.00E+00	0.00E+00	7.02E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	7.02E-03
292	ALL	653770.1	4187468	NonCancer	0.00E+00	2.58E-04	6.61E-03	0.00E+00	0.00E+00	6.61E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	6.61E-03
293	ALL	653790.1	4187468	NonCancer	0.00E+00	2.58E-04	6.63E-03	0.00E+00	0.00E+00	6.63E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	6.63E-03
294	ALL	653810.1	4187468	NonCancer	0.00E+00	2.81E-04	7.00E-03	0.00E+00	0.00E+00	7.00E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	7.00E-03
295	ALL	653830.1	4187468	NonCancer	0.00E+00	2.60E-04	6.63E-03	0.00E+00	0.00E+00	6.63E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	6.63E-03
296	ALL	653850.1	4187468	NonCancer	0.00E+00	2.64E-04	6.70E-03	0.00E+00	0.00E+00	6.70E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	6.70E-03
297	ALL	653870.1	4187468	NonCancer	0.00E+00	2.64E-04	6.66E-03	0.00E+00	0.00E+00	6.66E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	6.66E-03
298	ALL	653890.1	4187468	NonCancer	0.00E+00	2.54E-04	6.46E-03	0.00E+00	0.00E+00	6.46E-03	2.54E-04	0.00E+00	2.54E-04	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	6.46E-03
299	ALL	653910.1	4187468	NonCancer	0.00E+00	2.59E-04	6.56E-03	0.00E+00	0.00E+00	6.56E-03	2.59E-04	0.00E+00	2.59E-04	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.56E-03

300	ALL	653930.1	4187468	NonCancer	0.00E+00	2.57E-04	6.48E-03	0.00E+00	0.00E+00	6.48E-03	2.57E-04	0.00E+00	2.57E-04	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	6.48E-03
301	ALL	653950.1	4187468	NonCancer	0.00E+00	2.52E-04	6.33E-03	0.00E+00	0.00E+00	6.33E-03	2.52E-04	0.00E+00	2.52E-04	0.00E+00	0.00E+00	6.33E-03	0.00E+00	0.00E+00	6.33E-03
302	ALL	653970.1	4187468	NonCancer	0.00E+00	2.37E-04	5.97E-03	0.00E+00	0.00E+00	5.97E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	5.97E-03
303	ALL	653990.1	4187468	NonCancer	0.00E+00	2.28E-04	5.80E-03	0.00E+00	0.00E+00	5.80E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	5.80E-03
304	ALL	654010.1	4187468	NonCancer	0.00E+00	2.31E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
305	ALL	654030.1	4187468	NonCancer	0.00E+00	2.28E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
306	ALL	654050.1	4187468	NonCancer	0.00E+00	1.95E-04	4.99E-03	0.00E+00	0.00E+00	4.99E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	4.99E-03
307	ALL	654070.1	4187468	NonCancer	0.00E+00	2.04E-04	5.15E-03	0.00E+00	0.00E+00	5.15E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.15E-03
308	ALL	654090.1	4187468	NonCancer	0.00E+00	2.02E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
309	ALL	654110.1	4187468	NonCancer	0.00E+00	1.86E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
310	ALL	654130.1	4187468	NonCancer	0.00E+00	1.84E-04	4.60E-03	0.00E+00	0.00E+00	4.60E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.60E-03
311	ALL	654150.1	4187468	NonCancer	0.00E+00	1.65E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
312	ALL	654170.1	4187468	NonCancer	0.00E+00	1.79E-04	4.53E-03	0.00E+00	0.00E+00	4.53E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.53E-03
313	ALL	654190.1	4187468	NonCancer	0.00E+00	1.76E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
314	ALL	654210.1	4187468	NonCancer	0.00E+00	1.60E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
315	ALL	654230.1	4187468	NonCancer	0.00E+00	1.51E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
316	ALL	654250.1	4187468	NonCancer	0.00E+00	1.38E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
317	ALL	654270.1	4187468	NonCancer	0.00E+00	1.38E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
318	ALL	654290.1	4187468	NonCancer	0.00E+00	1.29E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
319	ALL	654310.1	4187468	NonCancer	0.00E+00	1.37E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
320	ALL	654330.1	4187468	NonCancer	0.00E+00	1.45E-04	3.65E-03	0.00E+00	0.00E+00	3.65E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	3.65E-03
321	ALL	654350.1	4187468	NonCancer	0.00E+00	1.44E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
322	ALL	654370.1	4187468	NonCancer	0.00E+00	1.35E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
323	ALL	654390.1	4187468	NonCancer	0.00E+00	1.31E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
324	ALL	654410.1	4187468	NonCancer	0.00E+00	1.33E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
325	ALL	654430.1	4187468	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
326	ALL	654450.1	4187468	NonCancer	0.00E+00	1.23E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
327	ALL	654470.1	4187468	NonCancer	0.00E+00	1.22E-04	3.08E-03	0.00E+00	0.00E+00	3.08E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	3.08E-03
328	ALL	654490.1	4187468	NonCancer	0.00E+00	1.18E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
329	ALL	653690.1	4187488	NonCancer	0.00E+00	2.77E-04	7.18E-03	0.00E+00	0.00E+00	7.18E-03	2.77E-04	0.00E+00	2.77E-04	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	7.18E-03
330	ALL	653710.1	4187488	NonCancer	0.00E+00	2.66E-04	7.00E-03	0.00E+00	0.00E+00	7.00E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	7.00E-03
331	ALL	653730.1	4187488	NonCancer	0.00E+00	3.18E-04	7.93E-03	0.00E+00	0.00E+00	7.93E-03	3.18E-04	0.00E+00	3.18E-04	0.00E+00	0.00E+00	7.93E-03	0.00E+00	0.00E+00	7.93E-03
332	ALL	653750.1	4187488	NonCancer	0.00E+00	2.95E-04	7.38E-03	0.00E+00	0.00E+00	7.38E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.38E-03
333	ALL	653770.1	4187488	NonCancer	0.00E+00	2.73E-04	6.99E-03	0.00E+00	0.00E+00	6.99E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	6.99E-03
334	ALL	653790.1	4187488	NonCancer	0.00E+00	2.73E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
335	ALL	653810.1	4187488	NonCancer	0.00E+00	2.97E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
336	ALL	653830.1	4187488	NonCancer	0.00E+00	2.66E-04	6.80E-03	0.00E+00	0.00E+00	6.80E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	6.80E-03
337	ALL	653850.1	4187488	NonCancer	0.00E+00	2.82E-04	7.14E-03	0.00E+00	0.00E+00	7.14E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	7.14E-03
338	ALL	653870.1	4187488	NonCancer	0.00E+00	2.82E-04	7.10E-03	0.00E+00	0.00E+00	7.10E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.10E-03
339	ALL	653890.1	4187488	NonCancer	0.00E+00	2.68E-04	6.80E-03	0.00E+00	0.00E+00	6.80E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	6.80E-03
340	ALL	653910.1	4187488	NonCancer	0.00E+00	2.74E-04	6.92E-03	0.00E+00	0.00E+00	6.92E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	6.92E-03
341	ALL	653930.1	4187488	NonCancer	0.00E+00	2.70E-04	6.78E-03	0.00E+00	0.00E+00	6.78E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.78E-03
342	ALL	653950.1	4187488	NonCancer	0.00E+00	2.55E-04	6.43E-03	0.00E+00	0.00E+00	6.43E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	6.43E-03
343	ALL	653970.1	4187488	NonCancer	0.00E+00	2.51E-04	6.30E-03	0.00E+00	0.00E+00	6.30E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	6.30E-03
344	ALL	653990.1	4187488	NonCancer	0.00E+00	2.32E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.32E-04	0.00E+00	2.32E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
345	ALL	654010.1	4187488	NonCancer	0.00E+00	2.47E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
346	ALL	654030.1	4187488	NonCancer	0.00E+00	2.21E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
347	ALL	654050.1	4187488	NonCancer	0.00E+00	2.09E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
348	ALL	654070.1	4187488	NonCancer	0.00E+00	2.17E-04	5.42E-03	0.00E+00	0.00E+00	5.42E-03	2.17E-04	0.00E+00	2.17E-04	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.42E-03
349	ALL	654090.1	4187488	NonCancer	0.00E+00	1.95E-04	4.95E-03	0.00E+00	0.00E+00	4.95E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.95E-03

350	ALL	654110.1	4187488	NonCancer	0.00E+00	1.97E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
351	ALL	654130.1	4187488	NonCancer	0.00E+00	1.77E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
352	ALL	654150.1	4187488	NonCancer	0.00E+00	1.89E-04	4.77E-03	0.00E+00	0.00E+00	4.77E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.77E-03
353	ALL	654170.1	4187488	NonCancer	0.00E+00	1.87E-04	4.68E-03	0.00E+00	0.00E+00	4.68E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.68E-03
354	ALL	654190.1	4187488	NonCancer	0.00E+00	1.70E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
355	ALL	654210.1	4187488	NonCancer	0.00E+00	1.60E-04	4.00E-03	0.00E+00	0.00E+00	4.00E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.00E-03
356	ALL	654230.1	4187488	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
357	ALL	654250.1	4187488	NonCancer	0.00E+00	1.46E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
358	ALL	654270.1	4187488	NonCancer	0.00E+00	1.36E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
359	ALL	654290.1	4187488	NonCancer	0.00E+00	1.47E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
360	ALL	654310.1	4187488	NonCancer	0.00E+00	1.54E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
361	ALL	654330.1	4187488	NonCancer	0.00E+00	1.51E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
362	ALL	654350.1	4187488	NonCancer	0.00E+00	1.40E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
363	ALL	654370.1	4187488	NonCancer	0.00E+00	1.40E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
364	ALL	654390.1	4187488	NonCancer	0.00E+00	1.40E-04	3.51E-03	0.00E+00	0.00E+00	3.51E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	3.51E-03
365	ALL	654410.1	4187488	NonCancer	0.00E+00	1.33E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
366	ALL	654430.1	4187488	NonCancer	0.00E+00	1.30E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
367	ALL	654450.1	4187488	NonCancer	0.00E+00	1.28E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
368	ALL	654470.1	4187488	NonCancer	0.00E+00	1.22E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
369	ALL	654490.1	4187488	NonCancer	0.00E+00	1.27E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
370	ALL	653690.1	4187508	NonCancer	0.00E+00	2.91E-04	7.55E-03	0.00E+00	0.00E+00	7.55E-03	2.91E-04	0.00E+00	2.91E-04	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	7.55E-03
371	ALL	653710.1	4187508	NonCancer	0.00E+00	2.82E-04	7.41E-03	0.00E+00	0.00E+00	7.41E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.41E-03
372	ALL	653730.1	4187508	NonCancer	0.00E+00	3.36E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
373	ALL	653750.1	4187508	NonCancer	0.00E+00	3.11E-04	7.77E-03	0.00E+00	0.00E+00	7.77E-03	3.11E-04	0.00E+00	3.11E-04	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	7.77E-03
374	ALL	653770.1	4187508	NonCancer	0.00E+00	2.88E-04	7.40E-03	0.00E+00	0.00E+00	7.40E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	7.40E-03
375	ALL	653790.1	4187508	NonCancer	0.00E+00	2.90E-04	7.42E-03	0.00E+00	0.00E+00	7.42E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	7.42E-03
376	ALL	653810.1	4187508	NonCancer	0.00E+00	3.14E-04	7.86E-03	0.00E+00	0.00E+00	7.86E-03	3.14E-04	0.00E+00	3.14E-04	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	7.86E-03
377	ALL	653830.1	4187508	NonCancer	0.00E+00	2.73E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
378	ALL	653850.1	4187508	NonCancer	0.00E+00	2.98E-04	7.52E-03	0.00E+00	0.00E+00	7.52E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	7.52E-03
379	ALL	653870.1	4187508	NonCancer	0.00E+00	2.96E-04	7.46E-03	0.00E+00	0.00E+00	7.46E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	7.46E-03
380	ALL	653890.1	4187508	NonCancer	0.00E+00	2.89E-04	7.32E-03	0.00E+00	0.00E+00	7.32E-03	2.89E-04	0.00E+00	2.89E-04	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	7.32E-03
381	ALL	653910.1	4187508	NonCancer	0.00E+00	2.83E-04	7.15E-03	0.00E+00	0.00E+00	7.15E-03	2.83E-04	0.00E+00	2.83E-04	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	7.15E-03
382	ALL	653930.1	4187508	NonCancer	0.00E+00	2.84E-04	7.11E-03	0.00E+00	0.00E+00	7.11E-03	2.84E-04	0.00E+00	2.84E-04	0.00E+00	0.00E+00	7.11E-03	0.00E+00	0.00E+00	7.11E-03
383	ALL	653950.1	4187508	NonCancer	0.00E+00	2.65E-04	6.66E-03	0.00E+00	0.00E+00	6.66E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	6.66E-03
384	ALL	653970.1	4187508	NonCancer	0.00E+00	2.55E-04	6.48E-03	0.00E+00	0.00E+00	6.48E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	6.48E-03
385	ALL	653990.1	4187508	NonCancer	0.00E+00	2.60E-04	6.54E-03	0.00E+00	0.00E+00	6.54E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	6.54E-03
386	ALL	654010.1	4187508	NonCancer	0.00E+00	2.49E-04	6.18E-03	0.00E+00	0.00E+00	6.18E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	6.18E-03
387	ALL	654030.1	4187508	NonCancer	0.00E+00	2.18E-04	5.56E-03	0.00E+00	0.00E+00	5.56E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	5.56E-03
388	ALL	654050.1	4187508	NonCancer	0.00E+00	2.31E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
389	ALL	654070.1	4187508	NonCancer	0.00E+00	2.16E-04	5.43E-03	0.00E+00	0.00E+00	5.43E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.43E-03
390	ALL	654090.1	4187508	NonCancer	0.00E+00	2.10E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
391	ALL	654110.1	4187508	NonCancer	0.00E+00	1.93E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
392	ALL	654130.1	4187508	NonCancer	0.00E+00	1.99E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
393	ALL	654150.1	4187508	NonCancer	0.00E+00	1.99E-04	4.99E-03	0.00E+00	0.00E+00	4.99E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	4.99E-03
394	ALL	654170.1	4187508	NonCancer	0.00E+00	1.80E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
395	ALL	654190.1	4187508	NonCancer	0.00E+00	1.70E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
396	ALL	654210.1	4187508	NonCancer	0.00E+00	1.55E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
397	ALL	654230.1	4187508	NonCancer	0.00E+00	1.54E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
398	ALL	654250.1	4187508	NonCancer	0.00E+00	1.44E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
399	ALL	654270.1	4187508	NonCancer	0.00E+00	1.58E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03

400	ALL	654290.1	4187508	NonCancer	0.00E+00	1.63E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
401	ALL	654310.1	4187508	NonCancer	0.00E+00	1.58E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
402	ALL	654330.1	4187508	NonCancer	0.00E+00	1.44E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
403	ALL	654350.1	4187508	NonCancer	0.00E+00	1.49E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
404	ALL	654370.1	4187508	NonCancer	0.00E+00	1.46E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
405	ALL	654390.1	4187508	NonCancer	0.00E+00	1.38E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
406	ALL	654410.1	4187508	NonCancer	0.00E+00	1.37E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
407	ALL	654430.1	4187508	NonCancer	0.00E+00	1.32E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
408	ALL	654450.1	4187508	NonCancer	0.00E+00	1.33E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
409	ALL	654470.1	4187508	NonCancer	0.00E+00	1.37E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
410	ALL	654490.1	4187508	NonCancer	0.00E+00	1.36E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
411	ALL	653690.1	4187528	NonCancer	0.00E+00	3.06E-04	7.95E-03	0.00E+00	0.00E+00	7.95E-03	3.06E-04	0.00E+00	3.06E-04	0.00E+00	0.00E+00	7.95E-03	0.00E+00	0.00E+00	7.95E-03
412	ALL	653710.1	4187528	NonCancer	0.00E+00	3.01E-04	7.87E-03	0.00E+00	0.00E+00	7.87E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.87E-03
413	ALL	653730.1	4187528	NonCancer	0.00E+00	3.55E-04	8.85E-03	0.00E+00	0.00E+00	8.85E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.85E-03
414	ALL	653750.1	4187528	NonCancer	0.00E+00	3.28E-04	8.21E-03	0.00E+00	0.00E+00	8.21E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	8.21E-03
415	ALL	653770.1	4187528	NonCancer	0.00E+00	3.04E-04	7.83E-03	0.00E+00	0.00E+00	7.83E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.83E-03
416	ALL	653790.1	4187528	NonCancer	0.00E+00	3.13E-04	7.97E-03	0.00E+00	0.00E+00	7.97E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	7.97E-03
417	ALL	653810.1	4187528	NonCancer	0.00E+00	3.29E-04	8.28E-03	0.00E+00	0.00E+00	8.28E-03	3.29E-04	0.00E+00	3.29E-04	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	8.28E-03
418	ALL	653830.1	4187528	NonCancer	0.00E+00	3.01E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
419	ALL	653850.1	4187528	NonCancer	0.00E+00	3.11E-04	7.85E-03	0.00E+00	0.00E+00	7.85E-03	3.11E-04	0.00E+00	3.11E-04	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	7.85E-03
420	ALL	653870.1	4187528	NonCancer	0.00E+00	3.04E-04	7.71E-03	0.00E+00	0.00E+00	7.71E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.71E-03	0.00E+00	0.00E+00	7.71E-03
421	ALL	653890.1	4187528	NonCancer	0.00E+00	3.07E-04	7.76E-03	0.00E+00	0.00E+00	7.76E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	7.76E-03
422	ALL	653910.1	4187528	NonCancer	0.00E+00	3.05E-04	7.64E-03	0.00E+00	0.00E+00	7.64E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.64E-03
423	ALL	653930.1	4187528	NonCancer	0.00E+00	2.90E-04	7.30E-03	0.00E+00	0.00E+00	7.30E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	7.30E-03
424	ALL	653950.1	4187528	NonCancer	0.00E+00	2.82E-04	7.09E-03	0.00E+00	0.00E+00	7.09E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.09E-03	0.00E+00	0.00E+00	7.09E-03
425	ALL	653970.1	4187528	NonCancer	0.00E+00	2.65E-04	6.74E-03	0.00E+00	0.00E+00	6.74E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	6.74E-03
426	ALL	653990.1	4187528	NonCancer	0.00E+00	2.75E-04	6.84E-03	0.00E+00	0.00E+00	6.84E-03	2.75E-04	0.00E+00	2.75E-04	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.84E-03
427	ALL	654010.1	4187528	NonCancer	0.00E+00	2.38E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03
428	ALL	654030.1	4187528	NonCancer	0.00E+00	2.43E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
429	ALL	654050.1	4187528	NonCancer	0.00E+00	2.37E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
430	ALL	654070.1	4187528	NonCancer	0.00E+00	2.23E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
431	ALL	654090.1	4187528	NonCancer	0.00E+00	2.11E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
432	ALL	654110.1	4187528	NonCancer	0.00E+00	2.10E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03
433	ALL	654130.1	4187528	NonCancer	0.00E+00	2.13E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
434	ALL	654150.1	4187528	NonCancer	0.00E+00	1.92E-04	4.83E-03	0.00E+00	0.00E+00	4.83E-03	1.92E-04	0.00E+00	1.92E-04	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	4.83E-03
435	ALL	654170.1	4187528	NonCancer	0.00E+00	1.80E-04	4.51E-03	0.00E+00	0.00E+00	4.51E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	4.51E-03
436	ALL	654190.1	4187528	NonCancer	0.00E+00	1.65E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
437	ALL	654210.1	4187528	NonCancer	0.00E+00	1.63E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
438	ALL	654230.1	4187528	NonCancer	0.00E+00	1.54E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
439	ALL	654250.1	4187528	NonCancer	0.00E+00	1.70E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
440	ALL	654270.1	4187528	NonCancer	0.00E+00	1.73E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
441	ALL	654290.1	4187528	NonCancer	0.00E+00	1.64E-04	4.12E-03	0.00E+00	0.00E+00	4.12E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.12E-03
442	ALL	654310.1	4187528	NonCancer	0.00E+00	1.56E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
443	ALL	654330.1	4187528	NonCancer	0.00E+00	1.58E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
444	ALL	654350.1	4187528	NonCancer	0.00E+00	1.52E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
445	ALL	654370.1	4187528	NonCancer	0.00E+00	1.47E-04	3.70E-03	0.00E+00	0.00E+00	3.70E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.70E-03
446	ALL	654390.1	4187528	NonCancer	0.00E+00	1.44E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
447	ALL	654410.1	4187528	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
448	ALL	654430.1	4187528	NonCancer	0.00E+00	1.45E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
449	ALL	654450.1	4187528	NonCancer	0.00E+00	1.46E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03

450	ALL	654470.1	4187528	NonCancer	0.00E+00	1.42E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
451	ALL	654490.1	4187528	NonCancer	0.00E+00	1.34E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
452	ALL	653690.1	4187548	NonCancer	0.00E+00	3.28E-04	8.50E-03	0.00E+00	0.00E+00	8.50E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.50E-03	0.00E+00	0.00E+00	8.50E-03
453	ALL	653710.1	4187548	NonCancer	0.00E+00	3.20E-04	8.38E-03	0.00E+00	0.00E+00	8.38E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	8.38E-03
454	ALL	653730.1	4187548	NonCancer	0.00E+00	3.77E-04	9.37E-03	0.00E+00	0.00E+00	9.37E-03	3.77E-04	0.00E+00	3.77E-04	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	9.37E-03
455	ALL	653750.1	4187548	NonCancer	0.00E+00	3.46E-04	8.70E-03	0.00E+00	0.00E+00	8.70E-03	3.46E-04	0.00E+00	3.46E-04	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	8.70E-03
456	ALL	653770.1	4187548	NonCancer	0.00E+00	3.22E-04	8.29E-03	0.00E+00	0.00E+00	8.29E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.29E-03
457	ALL	653790.1	4187548	NonCancer	0.00E+00	3.40E-04	8.58E-03	0.00E+00	0.00E+00	8.58E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.58E-03	0.00E+00	0.00E+00	8.58E-03
458	ALL	653810.1	4187548	NonCancer	0.00E+00	3.43E-04	8.67E-03	0.00E+00	0.00E+00	8.67E-03	3.43E-04	0.00E+00	3.43E-04	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	8.67E-03
459	ALL	653830.1	4187548	NonCancer	0.00E+00	3.30E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
460	ALL	653850.1	4187548	NonCancer	0.00E+00	3.34E-04	8.42E-03	0.00E+00	0.00E+00	8.42E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	8.42E-03
461	ALL	653870.1	4187548	NonCancer	0.00E+00	3.19E-04	8.09E-03	0.00E+00	0.00E+00	8.09E-03	3.19E-04	0.00E+00	3.19E-04	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	8.09E-03
462	ALL	653890.1	4187548	NonCancer	0.00E+00	3.25E-04	8.19E-03	0.00E+00	0.00E+00	8.19E-03	3.25E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	8.19E-03	0.00E+00	0.00E+00	8.19E-03
463	ALL	653910.1	4187548	NonCancer	0.00E+00	3.20E-04	8.02E-03	0.00E+00	0.00E+00	8.02E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	8.02E-03
464	ALL	653930.1	4187548	NonCancer	0.00E+00	2.98E-04	7.49E-03	0.00E+00	0.00E+00	7.49E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.49E-03
465	ALL	653950.1	4187548	NonCancer	0.00E+00	2.87E-04	7.30E-03	0.00E+00	0.00E+00	7.30E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	7.30E-03
466	ALL	653970.1	4187548	NonCancer	0.00E+00	2.95E-04	7.38E-03	0.00E+00	0.00E+00	7.38E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.38E-03
467	ALL	653990.1	4187548	NonCancer	0.00E+00	2.74E-04	6.85E-03	0.00E+00	0.00E+00	6.85E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	6.85E-03
468	ALL	654010.1	4187548	NonCancer	0.00E+00	2.51E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
469	ALL	654030.1	4187548	NonCancer	0.00E+00	2.58E-04	6.42E-03	0.00E+00	0.00E+00	6.42E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	6.42E-03
470	ALL	654050.1	4187548	NonCancer	0.00E+00	2.36E-04	5.93E-03	0.00E+00	0.00E+00	5.93E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.93E-03
471	ALL	654070.1	4187548	NonCancer	0.00E+00	2.29E-04	5.77E-03	0.00E+00	0.00E+00	5.77E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.77E-03
472	ALL	654090.1	4187548	NonCancer	0.00E+00	2.21E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
473	ALL	654110.1	4187548	NonCancer	0.00E+00	2.27E-04	5.69E-03	0.00E+00	0.00E+00	5.69E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.69E-03
474	ALL	654130.1	4187548	NonCancer	0.00E+00	2.07E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
475	ALL	654150.1	4187548	NonCancer	0.00E+00	1.92E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.92E-04	0.00E+00	1.92E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
476	ALL	654170.1	4187548	NonCancer	0.00E+00	1.76E-04	4.44E-03	0.00E+00	0.00E+00	4.44E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.44E-03
477	ALL	654190.1	4187548	NonCancer	0.00E+00	1.73E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
478	ALL	654210.1	4187548	NonCancer	0.00E+00	1.68E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
479	ALL	654230.1	4187548	NonCancer	0.00E+00	1.83E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
480	ALL	654250.1	4187548	NonCancer	0.00E+00	1.83E-04	4.60E-03	0.00E+00	0.00E+00	4.60E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.60E-03
481	ALL	654270.1	4187548	NonCancer	0.00E+00	1.71E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
482	ALL	654290.1	4187548	NonCancer	0.00E+00	1.68E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
483	ALL	654310.1	4187548	NonCancer	0.00E+00	1.67E-04	4.20E-03	0.00E+00	0.00E+00	4.20E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	4.20E-03
484	ALL	654330.1	4187548	NonCancer	0.00E+00	1.57E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
485	ALL	654350.1	4187548	NonCancer	0.00E+00	1.56E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
486	ALL	654370.1	4187548	NonCancer	0.00E+00	1.49E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
487	ALL	654390.1	4187548	NonCancer	0.00E+00	1.53E-04	3.88E-03	0.00E+00	0.00E+00	3.88E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.88E-03
488	ALL	654410.1	4187548	NonCancer	0.00E+00	1.56E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
489	ALL	654430.1	4187548	NonCancer	0.00E+00	1.53E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
490	ALL	654450.1	4187548	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
491	ALL	654470.1	4187548	NonCancer	0.00E+00	1.35E-04	3.43E-03	0.00E+00	0.00E+00	3.43E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	3.43E-03
492	ALL	654490.1	4187548	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
493	ALL	653690.1	4187568	NonCancer	0.00E+00	3.55E-04	9.18E-03	0.00E+00	0.00E+00	9.18E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	9.18E-03	0.00E+00	0.00E+00	9.18E-03
494	ALL	653710.1	4187568	NonCancer	0.00E+00	3.42E-04	8.94E-03	0.00E+00	0.00E+00	8.94E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.94E-03	0.00E+00	0.00E+00	8.94E-03
495	ALL	653730.1	4187568	NonCancer	0.00E+00	4.00E-04	9.96E-03	0.00E+00	0.00E+00	9.96E-03	4.00E-04	0.00E+00	4.00E-04	0.00E+00	0.00E+00	9.96E-03	0.00E+00	0.00E+00	9.96E-03
496	ALL	653750.1	4187568	NonCancer	0.00E+00	3.68E-04	9.28E-03	0.00E+00	0.00E+00	9.28E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	9.28E-03
497	ALL	653770.1	4187568	NonCancer	0.00E+00	3.40E-04	8.78E-03	0.00E+00	0.00E+00	8.78E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	8.78E-03
498	ALL	653790.1	4187568	NonCancer	0.00E+00	3.68E-04	9.23E-03	0.00E+00	0.00E+00	9.23E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	9.23E-03
499	ALL	653810.1	4187568	NonCancer	0.00E+00	3.55E-04	9.00E-03	0.00E+00	0.00E+00	9.00E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	9.00E-03

500	ALL	653830.1	4187568	NonCancer	0.00E+00	3.57E-04	9.01E-03	0.00E+00	0.00E+00	9.01E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	9.01E-03
501	ALL	653850.1	4187568	NonCancer	0.00E+00	3.57E-04	8.99E-03	0.00E+00	0.00E+00	8.99E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	8.99E-03	0.00E+00	0.00E+00	8.99E-03
502	ALL	653870.1	4187568	NonCancer	0.00E+00	3.47E-04	8.77E-03	0.00E+00	0.00E+00	8.77E-03	3.47E-04	0.00E+00	3.47E-04	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	8.77E-03
503	ALL	653890.1	4187568	NonCancer	0.00E+00	3.43E-04	8.63E-03	0.00E+00	0.00E+00	8.63E-03	3.43E-04	0.00E+00	3.43E-04	0.00E+00	0.00E+00	8.63E-03	0.00E+00	0.00E+00	8.63E-03
504	ALL	653910.1	4187568	NonCancer	0.00E+00	3.34E-04	8.38E-03	0.00E+00	0.00E+00	8.38E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	8.38E-03
505	ALL	653930.1	4187568	NonCancer	0.00E+00	3.20E-04	8.06E-03	0.00E+00	0.00E+00	8.06E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	8.06E-03
506	ALL	653950.1	4187568	NonCancer	0.00E+00	3.05E-04	7.72E-03	0.00E+00	0.00E+00	7.72E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	7.72E-03
507	ALL	653970.1	4187568	NonCancer	0.00E+00	3.07E-04	7.62E-03	0.00E+00	0.00E+00	7.62E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	7.62E-03
508	ALL	653990.1	4187568	NonCancer	0.00E+00	2.62E-04	6.69E-03	0.00E+00	0.00E+00	6.69E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	6.69E-03
509	ALL	654010.1	4187568	NonCancer	0.00E+00	2.78E-04	6.95E-03	0.00E+00	0.00E+00	6.95E-03	2.78E-04	0.00E+00	2.78E-04	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	6.95E-03
510	ALL	654030.1	4187568	NonCancer	0.00E+00	2.52E-04	6.37E-03	0.00E+00	0.00E+00	6.37E-03	2.52E-04	0.00E+00	2.52E-04	0.00E+00	0.00E+00	6.37E-03	0.00E+00	0.00E+00	6.37E-03
511	ALL	654050.1	4187568	NonCancer	0.00E+00	2.49E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
512	ALL	654070.1	4187568	NonCancer	0.00E+00	2.32E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.32E-04	0.00E+00	2.32E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
513	ALL	654090.1	4187568	NonCancer	0.00E+00	2.43E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
514	ALL	654110.1	4187568	NonCancer	0.00E+00	2.23E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
515	ALL	654130.1	4187568	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
516	ALL	654150.1	4187568	NonCancer	0.00E+00	1.89E-04	4.74E-03	0.00E+00	0.00E+00	4.74E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	4.74E-03
517	ALL	654170.1	4187568	NonCancer	0.00E+00	1.83E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
518	ALL	654190.1	4187568	NonCancer	0.00E+00	1.84E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
519	ALL	654210.1	4187568	NonCancer	0.00E+00	1.97E-04	4.96E-03	0.00E+00	0.00E+00	4.96E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	4.96E-03
520	ALL	654230.1	4187568	NonCancer	0.00E+00	1.94E-04	4.85E-03	0.00E+00	0.00E+00	4.85E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.85E-03
521	ALL	654250.1	4187568	NonCancer	0.00E+00	1.77E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
522	ALL	654270.1	4187568	NonCancer	0.00E+00	1.81E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
523	ALL	654290.1	4187568	NonCancer	0.00E+00	1.75E-04	4.40E-03	0.00E+00	0.00E+00	4.40E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	4.40E-03
524	ALL	654310.1	4187568	NonCancer	0.00E+00	1.68E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
525	ALL	654330.1	4187568	NonCancer	0.00E+00	1.64E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
526	ALL	654350.1	4187568	NonCancer	0.00E+00	1.60E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
527	ALL	654370.1	4187568	NonCancer	0.00E+00	1.66E-04	4.20E-03	0.00E+00	0.00E+00	4.20E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	4.20E-03
528	ALL	654390.1	4187568	NonCancer	0.00E+00	1.65E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
529	ALL	654410.1	4187568	NonCancer	0.00E+00	1.59E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
530	ALL	654430.1	4187568	NonCancer	0.00E+00	1.48E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
531	ALL	654450.1	4187568	NonCancer	0.00E+00	1.33E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
532	ALL	654470.1	4187568	NonCancer	0.00E+00	1.17E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
533	ALL	654490.1	4187568	NonCancer	0.00E+00	1.02E-04	2.67E-03	0.00E+00	0.00E+00	2.67E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	2.67E-03
534	ALL	653690.1	4187588	NonCancer	0.00E+00	3.85E-04	9.91E-03	0.00E+00	0.00E+00	9.91E-03	3.85E-04	0.00E+00	3.85E-04	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	9.91E-03
535	ALL	653710.1	4187588	NonCancer	0.00E+00	3.69E-04	9.61E-03	0.00E+00	0.00E+00	9.61E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	9.61E-03
536	ALL	653730.1	4187588	NonCancer	0.00E+00	4.26E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
537	ALL	653750.1	4187588	NonCancer	0.00E+00	3.93E-04	9.93E-03	0.00E+00	0.00E+00	9.93E-03	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	9.93E-03
538	ALL	653770.1	4187588	NonCancer	0.00E+00	3.60E-04	9.29E-03	0.00E+00	0.00E+00	9.29E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.29E-03
539	ALL	653790.1	4187588	NonCancer	0.00E+00	3.99E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	3.99E-04	0.00E+00	3.99E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
540	ALL	653810.1	4187588	NonCancer	0.00E+00	3.64E-04	9.29E-03	0.00E+00	0.00E+00	9.29E-03	3.64E-04	0.00E+00	3.64E-04	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.29E-03
541	ALL	653830.1	4187588	NonCancer	0.00E+00	3.82E-04	9.60E-03	0.00E+00	0.00E+00	9.60E-03	3.82E-04	0.00E+00	3.82E-04	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	9.60E-03
542	ALL	653850.1	4187588	NonCancer	0.00E+00	3.72E-04	9.41E-03	0.00E+00	0.00E+00	9.41E-03	3.72E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	9.41E-03
543	ALL	653870.1	4187588	NonCancer	0.00E+00	3.72E-04	9.38E-03	0.00E+00	0.00E+00	9.38E-03	3.72E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	9.38E-03
544	ALL	653890.1	4187588	NonCancer	0.00E+00	3.66E-04	9.15E-03	0.00E+00	0.00E+00	9.15E-03	3.66E-04	0.00E+00	3.66E-04	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	9.15E-03
545	ALL	653910.1	4187588	NonCancer	0.00E+00	3.39E-04	8.51E-03	0.00E+00	0.00E+00	8.51E-03	3.39E-04	0.00E+00	3.39E-04	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	8.51E-03
546	ALL	653930.1	4187588	NonCancer	0.00E+00	3.27E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.27E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
547	ALL	653950.1	4187588	NonCancer	0.00E+00	3.37E-04	8.39E-03	0.00E+00	0.00E+00	8.39E-03	3.37E-04	0.00E+00	3.37E-04	0.00E+00	0.00E+00	8.39E-03	0.00E+00	0.00E+00	8.39E-03
548	ALL	653970.1	4187588	NonCancer	0.00E+00	3.00E-04	7.58E-03	0.00E+00	0.00E+00	7.58E-03	3.00E-04	0.00E+00	3.00E-04	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	7.58E-03
549	ALL	653990.1	4187588	NonCancer	0.00E+00	2.96E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03

550	ALL	654010.1	4187588	NonCancer	0.00E+00	2.82E-04	7.08E-03	0.00E+00	0.00E+00	7.08E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	7.08E-03
551	ALL	654030.1	4187588	NonCancer	0.00E+00	2.70E-04	6.73E-03	0.00E+00	0.00E+00	6.73E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	6.73E-03
552	ALL	654050.1	4187588	NonCancer	0.00E+00	2.45E-04	6.25E-03	0.00E+00	0.00E+00	6.25E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	6.25E-03
553	ALL	654070.1	4187588	NonCancer	0.00E+00	2.61E-04	6.54E-03	0.00E+00	0.00E+00	6.54E-03	2.61E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	6.54E-03
554	ALL	654090.1	4187588	NonCancer	0.00E+00	2.41E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
555	ALL	654110.1	4187588	NonCancer	0.00E+00	2.20E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
556	ALL	654130.1	4187588	NonCancer	0.00E+00	2.02E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
557	ALL	654150.1	4187588	NonCancer	0.00E+00	1.95E-04	4.95E-03	0.00E+00	0.00E+00	4.95E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.95E-03
558	ALL	654170.1	4187588	NonCancer	0.00E+00	2.01E-04	5.12E-03	0.00E+00	0.00E+00	5.12E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.12E-03
559	ALL	654190.1	4187588	NonCancer	0.00E+00	2.12E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
560	ALL	654210.1	4187588	NonCancer	0.00E+00	2.04E-04	5.12E-03	0.00E+00	0.00E+00	5.12E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.12E-03
561	ALL	654230.1	4187588	NonCancer	0.00E+00	1.91E-04	4.83E-03	0.00E+00	0.00E+00	4.83E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	4.83E-03
562	ALL	654250.1	4187588	NonCancer	0.00E+00	1.93E-04	4.85E-03	0.00E+00	0.00E+00	4.85E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.85E-03
563	ALL	654270.1	4187588	NonCancer	0.00E+00	1.82E-04	4.58E-03	0.00E+00	0.00E+00	4.58E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.58E-03
564	ALL	654290.1	4187588	NonCancer	0.00E+00	1.79E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
565	ALL	654310.1	4187588	NonCancer	0.00E+00	1.71E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
566	ALL	654330.1	4187588	NonCancer	0.00E+00	1.77E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
567	ALL	654350.1	4187588	NonCancer	0.00E+00	1.79E-04	4.50E-03	0.00E+00	0.00E+00	4.50E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.50E-03
568	ALL	654370.1	4187588	NonCancer	0.00E+00	1.73E-04	4.37E-03	0.00E+00	0.00E+00	4.37E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.37E-03
569	ALL	654390.1	4187588	NonCancer	0.00E+00	1.62E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
570	ALL	654410.1	4187588	NonCancer	0.00E+00	1.47E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
571	ALL	654430.1	4187588	NonCancer	0.00E+00	1.29E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
572	ALL	654450.1	4187588	NonCancer	0.00E+00	1.11E-04	2.90E-03	0.00E+00	0.00E+00	2.90E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	2.90E-03
573	ALL	654470.1	4187588	NonCancer	0.00E+00	1.03E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
574	ALL	654490.1	4187588	NonCancer	0.00E+00	9.43E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.43E-05	0.00E+00	9.43E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
575	ALL	653690.1	4187608	NonCancer	0.00E+00	4.18E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.18E-04	0.00E+00	4.18E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
576	ALL	653710.1	4187608	NonCancer	0.00E+00	3.98E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	3.98E-04	0.00E+00	3.98E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
577	ALL	653730.1	4187608	NonCancer	0.00E+00	4.56E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.56E-04	0.00E+00	4.56E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
578	ALL	653750.1	4187608	NonCancer	0.00E+00	4.20E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.20E-04	0.00E+00	4.20E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
579	ALL	653770.1	4187608	NonCancer	0.00E+00	3.88E-04	9.98E-03	0.00E+00	0.00E+00	9.98E-03	3.88E-04	0.00E+00	3.88E-04	0.00E+00	0.00E+00	9.98E-03	0.00E+00	0.00E+00	9.98E-03
580	ALL	653790.1	4187608	NonCancer	0.00E+00	4.31E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.31E-04	0.00E+00	4.31E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
581	ALL	653810.1	4187608	NonCancer	0.00E+00	3.83E-04	9.81E-03	0.00E+00	0.00E+00	9.81E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.81E-03	0.00E+00	0.00E+00	9.81E-03
582	ALL	653830.1	4187608	NonCancer	0.00E+00	4.02E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.02E-04	0.00E+00	4.02E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
583	ALL	653850.1	4187608	NonCancer	0.00E+00	3.88E-04	9.85E-03	0.00E+00	0.00E+00	9.85E-03	3.88E-04	0.00E+00	3.88E-04	0.00E+00	0.00E+00	9.85E-03	0.00E+00	0.00E+00	9.85E-03
584	ALL	653870.1	4187608	NonCancer	0.00E+00	3.91E-04	9.86E-03	0.00E+00	0.00E+00	9.86E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.86E-03	0.00E+00	0.00E+00	9.86E-03
585	ALL	653890.1	4187608	NonCancer	0.00E+00	3.87E-04	9.70E-03	0.00E+00	0.00E+00	9.70E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.70E-03	0.00E+00	0.00E+00	9.70E-03
586	ALL	653910.1	4187608	NonCancer	0.00E+00	3.68E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
587	ALL	653930.1	4187608	NonCancer	0.00E+00	3.54E-04	8.92E-03	0.00E+00	0.00E+00	8.92E-03	3.54E-04	0.00E+00	3.54E-04	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	8.92E-03
588	ALL	653950.1	4187608	NonCancer	0.00E+00	3.46E-04	8.62E-03	0.00E+00	0.00E+00	8.62E-03	3.46E-04	0.00E+00	3.46E-04	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	8.62E-03
589	ALL	653970.1	4187608	NonCancer	0.00E+00	3.09E-04	7.83E-03	0.00E+00	0.00E+00	7.83E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.83E-03
590	ALL	653990.1	4187608	NonCancer	0.00E+00	3.13E-04	7.82E-03	0.00E+00	0.00E+00	7.82E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	7.82E-03
591	ALL	654010.1	4187608	NonCancer	0.00E+00	2.92E-04	7.29E-03	0.00E+00	0.00E+00	7.29E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	7.29E-03
592	ALL	654030.1	4187608	NonCancer	0.00E+00	2.65E-04	6.76E-03	0.00E+00	0.00E+00	6.76E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	6.76E-03
593	ALL	654050.1	4187608	NonCancer	0.00E+00	2.81E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
594	ALL	654070.1	4187608	NonCancer	0.00E+00	2.62E-04	6.53E-03	0.00E+00	0.00E+00	6.53E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	6.53E-03
595	ALL	654090.1	4187608	NonCancer	0.00E+00	2.37E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
596	ALL	654110.1	4187608	NonCancer	0.00E+00	2.18E-04	5.47E-03	0.00E+00	0.00E+00	5.47E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.47E-03
597	ALL	654130.1	4187608	NonCancer	0.00E+00	2.08E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03
598	ALL	654150.1	4187608	NonCancer	0.00E+00	2.20E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
599	ALL	654170.1	4187608	NonCancer	0.00E+00	2.28E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03

600	ALL	654190.1	4187608	NonCancer	0.00E+00	2.15E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.15E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
601	ALL	654210.1	4187608	NonCancer	0.00E+00	2.08E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
602	ALL	654230.1	4187608	NonCancer	0.00E+00	2.05E-04	5.14E-03	0.00E+00	0.00E+00	5.14E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.14E-03
603	ALL	654250.1	4187608	NonCancer	0.00E+00	1.94E-04	4.87E-03	0.00E+00	0.00E+00	4.87E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.87E-03
604	ALL	654270.1	4187608	NonCancer	0.00E+00	1.90E-04	4.79E-03	0.00E+00	0.00E+00	4.79E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	4.79E-03
605	ALL	654290.1	4187608	NonCancer	0.00E+00	1.87E-04	4.76E-03	0.00E+00	0.00E+00	4.76E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.76E-03
606	ALL	654310.1	4187608	NonCancer	0.00E+00	1.93E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
607	ALL	654330.1	4187608	NonCancer	0.00E+00	1.89E-04	4.77E-03	0.00E+00	0.00E+00	4.77E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.77E-03
608	ALL	654350.1	4187608	NonCancer	0.00E+00	1.79E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
609	ALL	654370.1	4187608	NonCancer	0.00E+00	1.63E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
610	ALL	654390.1	4187608	NonCancer	0.00E+00	1.43E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
611	ALL	654410.1	4187608	NonCancer	0.00E+00	1.23E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
612	ALL	654430.1	4187608	NonCancer	0.00E+00	1.12E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
613	ALL	654450.1	4187608	NonCancer	0.00E+00	1.02E-04	2.63E-03	0.00E+00	0.00E+00	2.63E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	2.63E-03
614	ALL	654470.1	4187608	NonCancer	0.00E+00	1.01E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
615	ALL	654490.1	4187608	NonCancer	0.00E+00	1.03E-04	2.60E-03	0.00E+00	0.00E+00	2.60E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	2.60E-03
616	ALL	653690.1	4187628	NonCancer	0.00E+00	4.52E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.52E-04	0.00E+00	4.52E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
617	ALL	653710.1	4187628	NonCancer	0.00E+00	4.31E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.31E-04	0.00E+00	4.31E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
618	ALL	653730.1	4187628	NonCancer	0.00E+00	4.89E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
619	ALL	653750.1	4187628	NonCancer	0.00E+00	4.50E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
620	ALL	653770.1	4187628	NonCancer	0.00E+00	4.21E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.21E-04	0.00E+00	4.21E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
621	ALL	653790.1	4187628	NonCancer	0.00E+00	4.63E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.63E-04	0.00E+00	4.63E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
622	ALL	653810.1	4187628	NonCancer	0.00E+00	4.29E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.29E-04	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
623	ALL	653830.1	4187628	NonCancer	0.00E+00	4.40E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.40E-04	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
624	ALL	653850.1	4187628	NonCancer	0.00E+00	4.26E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
625	ALL	653870.1	4187628	NonCancer	0.00E+00	4.24E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.24E-04	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
626	ALL	653890.1	4187628	NonCancer	0.00E+00	3.91E-04	9.82E-03	0.00E+00	0.00E+00	9.82E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.82E-03	0.00E+00	0.00E+00	9.82E-03
627	ALL	653910.1	4187628	NonCancer	0.00E+00	3.77E-04	9.57E-03	0.00E+00	0.00E+00	9.57E-03	3.77E-04	0.00E+00	3.77E-04	0.00E+00	0.00E+00	9.57E-03	0.00E+00	0.00E+00	9.57E-03
628	ALL	653930.1	4187628	NonCancer	0.00E+00	3.87E-04	9.59E-03	0.00E+00	0.00E+00	9.59E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.59E-03	0.00E+00	0.00E+00	9.59E-03
629	ALL	653950.1	4187628	NonCancer	0.00E+00	3.28E-04	8.36E-03	0.00E+00	0.00E+00	8.36E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.36E-03
630	ALL	653970.1	4187628	NonCancer	0.00E+00	3.44E-04	8.55E-03	0.00E+00	0.00E+00	8.55E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	8.55E-03
631	ALL	653990.1	4187628	NonCancer	0.00E+00	3.13E-04	7.85E-03	0.00E+00	0.00E+00	7.85E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	7.85E-03
632	ALL	654010.1	4187628	NonCancer	0.00E+00	2.96E-04	7.49E-03	0.00E+00	0.00E+00	7.49E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.49E-03
633	ALL	654030.1	4187628	NonCancer	0.00E+00	3.03E-04	7.59E-03	0.00E+00	0.00E+00	7.59E-03	3.03E-04	0.00E+00	3.03E-04	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	7.59E-03
634	ALL	654050.1	4187628	NonCancer	0.00E+00	2.85E-04	7.11E-03	0.00E+00	0.00E+00	7.11E-03	2.85E-04	0.00E+00	2.85E-04	0.00E+00	0.00E+00	7.11E-03	0.00E+00	0.00E+00	7.11E-03
635	ALL	654070.1	4187628	NonCancer	0.00E+00	2.57E-04	6.39E-03	0.00E+00	0.00E+00	6.39E-03	2.57E-04	0.00E+00	2.57E-04	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	6.39E-03
636	ALL	654090.1	4187628	NonCancer	0.00E+00	2.35E-04	5.90E-03	0.00E+00	0.00E+00	5.90E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	5.90E-03
637	ALL	654110.1	4187628	NonCancer	0.00E+00	2.21E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
638	ALL	654130.1	4187628	NonCancer	0.00E+00	2.41E-04	6.10E-03	0.00E+00	0.00E+00	6.10E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	6.10E-03
639	ALL	654150.1	4187628	NonCancer	0.00E+00	2.45E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
640	ALL	654170.1	4187628	NonCancer	0.00E+00	2.25E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
641	ALL	654190.1	4187628	NonCancer	0.00E+00	2.26E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
642	ALL	654210.1	4187628	NonCancer	0.00E+00	2.16E-04	5.40E-03	0.00E+00	0.00E+00	5.40E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.40E-03
643	ALL	654230.1	4187628	NonCancer	0.00E+00	2.09E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
644	ALL	654250.1	4187628	NonCancer	0.00E+00	1.98E-04	5.06E-03	0.00E+00	0.00E+00	5.06E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	5.06E-03
645	ALL	654270.1	4187628	NonCancer	0.00E+00	2.07E-04	5.25E-03	0.00E+00	0.00E+00	5.25E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.25E-03
646	ALL	654290.1	4187628	NonCancer	0.00E+00	2.07E-04	5.22E-03	0.00E+00	0.00E+00	5.22E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	5.22E-03
647	ALL	654310.1	4187628	NonCancer	0.00E+00	1.98E-04	4.98E-03	0.00E+00	0.00E+00	4.98E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	4.98E-03
648	ALL	654330.1	4187628	NonCancer	0.00E+00	1.81E-04	4.59E-03	0.00E+00	0.00E+00	4.59E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.59E-03
649	ALL	654350.1	4187628	NonCancer	0.00E+00	1.60E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03

650	ALL	654370.1	4187628	NonCancer	0.00E+00	1.37E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
651	ALL	654390.1	4187628	NonCancer	0.00E+00	1.22E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
652	ALL	654410.1	4187628	NonCancer	0.00E+00	1.11E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
653	ALL	654430.1	4187628	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
654	ALL	654450.1	4187628	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
655	ALL	654470.1	4187628	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
656	ALL	654490.1	4187628	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
657	ALL	653690.1	4187648	NonCancer	0.00E+00	4.89E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
658	ALL	653710.1	4187648	NonCancer	0.00E+00	4.67E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.67E-04	0.00E+00	4.67E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
659	ALL	653730.1	4187648	NonCancer	0.00E+00	5.26E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.26E-04	0.00E+00	5.26E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
660	ALL	653750.1	4187648	NonCancer	0.00E+00	4.83E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.83E-04	0.00E+00	4.83E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
661	ALL	653770.1	4187648	NonCancer	0.00E+00	4.58E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.58E-04	0.00E+00	4.58E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
662	ALL	653790.1	4187648	NonCancer	0.00E+00	4.93E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.93E-04	0.00E+00	4.93E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
663	ALL	653810.1	4187648	NonCancer	0.00E+00	4.73E-04	1.19E-02	0.00E+00	0.00E+00	1.19E-02	4.73E-04	0.00E+00	4.73E-04	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.19E-02
664	ALL	653830.1	4187648	NonCancer	0.00E+00	4.68E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.68E-04	0.00E+00	4.68E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
665	ALL	653850.1	4187648	NonCancer	0.00E+00	4.62E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.62E-04	0.00E+00	4.62E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
666	ALL	653870.1	4187648	NonCancer	0.00E+00	4.54E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.54E-04	0.00E+00	4.54E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
667	ALL	653890.1	4187648	NonCancer	0.00E+00	4.30E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.30E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
668	ALL	653910.1	4187648	NonCancer	0.00E+00	4.17E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.17E-04	0.00E+00	4.17E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
669	ALL	653930.1	4187648	NonCancer	0.00E+00	3.91E-04	9.80E-03	0.00E+00	0.00E+00	9.80E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	9.80E-03
670	ALL	653950.1	4187648	NonCancer	0.00E+00	3.72E-04	9.30E-03	0.00E+00	0.00E+00	9.30E-03	3.72E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.30E-03
671	ALL	653970.1	4187648	NonCancer	0.00E+00	3.44E-04	8.64E-03	0.00E+00	0.00E+00	8.64E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.64E-03	0.00E+00	0.00E+00	8.64E-03
672	ALL	653990.1	4187648	NonCancer	0.00E+00	3.30E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
673	ALL	654010.1	4187648	NonCancer	0.00E+00	3.27E-04	8.21E-03	0.00E+00	0.00E+00	8.21E-03	3.27E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	8.21E-03
674	ALL	654030.1	4187648	NonCancer	0.00E+00	3.13E-04	7.77E-03	0.00E+00	0.00E+00	7.77E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	7.77E-03
675	ALL	654050.1	4187648	NonCancer	0.00E+00	2.79E-04	6.93E-03	0.00E+00	0.00E+00	6.93E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	6.93E-03
676	ALL	654070.1	4187648	NonCancer	0.00E+00	2.55E-04	6.40E-03	0.00E+00	0.00E+00	6.40E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.40E-03
677	ALL	654090.1	4187648	NonCancer	0.00E+00	2.39E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
678	ALL	654110.1	4187648	NonCancer	0.00E+00	2.65E-04	6.68E-03	0.00E+00	0.00E+00	6.68E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	6.68E-03
679	ALL	654130.1	4187648	NonCancer	0.00E+00	2.62E-04	6.56E-03	0.00E+00	0.00E+00	6.56E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.56E-03
680	ALL	654150.1	4187648	NonCancer	0.00E+00	2.42E-04	6.10E-03	0.00E+00	0.00E+00	6.10E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	6.10E-03
681	ALL	654170.1	4187648	NonCancer	0.00E+00	2.43E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
682	ALL	654190.1	4187648	NonCancer	0.00E+00	2.27E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03
683	ALL	654210.1	4187648	NonCancer	0.00E+00	2.23E-04	5.62E-03	0.00E+00	0.00E+00	5.62E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	5.62E-03
684	ALL	654230.1	4187648	NonCancer	0.00E+00	2.23E-04	5.65E-03	0.00E+00	0.00E+00	5.65E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.65E-03
685	ALL	654250.1	4187648	NonCancer	0.00E+00	2.27E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03
686	ALL	654270.1	4187648	NonCancer	0.00E+00	2.19E-04	5.51E-03	0.00E+00	0.00E+00	5.51E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.51E-03
687	ALL	654290.1	4187648	NonCancer	0.00E+00	2.02E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
688	ALL	654310.1	4187648	NonCancer	0.00E+00	1.79E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03
689	ALL	654330.1	4187648	NonCancer	0.00E+00	1.53E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
690	ALL	654350.1	4187648	NonCancer	0.00E+00	1.33E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
691	ALL	654370.1	4187648	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
692	ALL	654390.1	4187648	NonCancer	0.00E+00	1.20E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
693	ALL	654410.1	4187648	NonCancer	0.00E+00	1.22E-04	3.08E-03	0.00E+00	0.00E+00	3.08E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	3.08E-03
694	ALL	654430.1	4187648	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
695	ALL	654450.1	4187648	NonCancer	0.00E+00	1.19E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
696	ALL	654470.1	4187648	NonCancer	0.00E+00	1.13E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
697	ALL	654490.1	4187648	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
698	ALL	653690.1	4187668	NonCancer	0.00E+00	5.26E-04	1.34E-02	0.00E+00	0.00E+00	1.34E-02	5.26E-04	0.00E+00	5.26E-04	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.34E-02
699	ALL	653710.1	4187668	NonCancer	0.00E+00	5.07E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.07E-04	0.00E+00	5.07E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02

700	ALL	653730.1	4187668	NonCancer	0.00E+00	5.68E-04	1.41E-02	0.00E+00	0.00E+00	1.41E-02	5.68E-04	0.00E+00	5.68E-04	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.41E-02
701	ALL	653750.1	4187668	NonCancer	0.00E+00	5.19E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.19E-04	0.00E+00	5.19E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
702	ALL	653770.1	4187668	NonCancer	0.00E+00	5.01E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	5.01E-04	0.00E+00	5.01E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
703	ALL	653790.1	4187668	NonCancer	0.00E+00	5.21E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.21E-04	0.00E+00	5.21E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
704	ALL	653810.1	4187668	NonCancer	0.00E+00	5.15E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.15E-04	0.00E+00	5.15E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
705	ALL	653830.1	4187668	NonCancer	0.00E+00	4.86E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.86E-04	0.00E+00	4.86E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
706	ALL	653850.1	4187668	NonCancer	0.00E+00	4.94E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.94E-04	0.00E+00	4.94E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
707	ALL	653870.1	4187668	NonCancer	0.00E+00	4.68E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.68E-04	0.00E+00	4.68E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
708	ALL	653890.1	4187668	NonCancer	0.00E+00	4.41E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
709	ALL	653910.1	4187668	NonCancer	0.00E+00	4.50E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
710	ALL	653930.1	4187668	NonCancer	0.00E+00	3.93E-04	9.94E-03	0.00E+00	0.00E+00	9.94E-03	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	9.94E-03	0.00E+00	0.00E+00	9.94E-03
711	ALL	653950.1	4187668	NonCancer	0.00E+00	3.92E-04	9.79E-03	0.00E+00	0.00E+00	9.79E-03	3.92E-04	0.00E+00	3.92E-04	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	9.79E-03
712	ALL	653970.1	4187668	NonCancer	0.00E+00	3.67E-04	9.18E-03	0.00E+00	0.00E+00	9.18E-03	3.67E-04	0.00E+00	3.67E-04	0.00E+00	0.00E+00	9.18E-03	0.00E+00	0.00E+00	9.18E-03
713	ALL	653990.1	4187668	NonCancer	0.00E+00	3.53E-04	8.90E-03	0.00E+00	0.00E+00	8.90E-03	3.53E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	8.90E-03
714	ALL	654010.1	4187668	NonCancer	0.00E+00	3.44E-04	8.54E-03	0.00E+00	0.00E+00	8.54E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.54E-03
715	ALL	654030.1	4187668	NonCancer	0.00E+00	3.04E-04	7.56E-03	0.00E+00	0.00E+00	7.56E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	7.56E-03
716	ALL	654050.1	4187668	NonCancer	0.00E+00	2.79E-04	6.99E-03	0.00E+00	0.00E+00	6.99E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	6.99E-03
717	ALL	654070.1	4187668	NonCancer	0.00E+00	2.67E-04	6.84E-03	0.00E+00	0.00E+00	6.84E-03	2.67E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.84E-03
718	ALL	654090.1	4187668	NonCancer	0.00E+00	2.92E-04	7.31E-03	0.00E+00	0.00E+00	7.31E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	7.31E-03
719	ALL	654110.1	4187668	NonCancer	0.00E+00	2.81E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
720	ALL	654130.1	4187668	NonCancer	0.00E+00	2.68E-04	6.71E-03	0.00E+00	0.00E+00	6.71E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.71E-03	0.00E+00	0.00E+00	6.71E-03
721	ALL	654150.1	4187668	NonCancer	0.00E+00	2.60E-04	6.50E-03	0.00E+00	0.00E+00	6.50E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.50E-03
722	ALL	654170.1	4187668	NonCancer	0.00E+00	2.48E-04	6.22E-03	0.00E+00	0.00E+00	6.22E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	6.22E-03
723	ALL	654190.1	4187668	NonCancer	0.00E+00	2.38E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03
724	ALL	654210.1	4187668	NonCancer	0.00E+00	2.48E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
725	ALL	654230.1	4187668	NonCancer	0.00E+00	2.43E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
726	ALL	654250.1	4187668	NonCancer	0.00E+00	2.27E-04	5.72E-03	0.00E+00	0.00E+00	5.72E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	5.72E-03
727	ALL	654270.1	4187668	NonCancer	0.00E+00	2.02E-04	5.14E-03	0.00E+00	0.00E+00	5.14E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.14E-03
728	ALL	654290.1	4187668	NonCancer	0.00E+00	1.73E-04	4.46E-03	0.00E+00	0.00E+00	4.46E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.46E-03
729	ALL	654310.1	4187668	NonCancer	0.00E+00	1.47E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
730	ALL	654330.1	4187668	NonCancer	0.00E+00	1.32E-04	3.42E-03	0.00E+00	0.00E+00	3.42E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	3.42E-03
731	ALL	654350.1	4187668	NonCancer	0.00E+00	1.32E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
732	ALL	654370.1	4187668	NonCancer	0.00E+00	1.34E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
733	ALL	654390.1	4187668	NonCancer	0.00E+00	1.33E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
734	ALL	654410.1	4187668	NonCancer	0.00E+00	1.28E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
735	ALL	654430.1	4187668	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
736	ALL	654450.1	4187668	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
737	ALL	654470.1	4187668	NonCancer	0.00E+00	1.11E-04	2.79E-03	0.00E+00	0.00E+00	2.79E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	2.79E-03
738	ALL	654490.1	4187668	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
739	ALL	653690.1	4187688	NonCancer	0.00E+00	5.64E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.64E-04	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
740	ALL	653710.1	4187688	NonCancer	0.00E+00	5.50E-04	1.42E-02	0.00E+00	0.00E+00	1.42E-02	5.50E-04	0.00E+00	5.50E-04	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.42E-02
741	ALL	653730.1	4187688	NonCancer	0.00E+00	6.14E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.14E-04	0.00E+00	6.14E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
742	ALL	653750.1	4187688	NonCancer	0.00E+00	5.59E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.59E-04	0.00E+00	5.59E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02
743	ALL	653770.1	4187688	NonCancer	0.00E+00	5.62E-04	1.42E-02	0.00E+00	0.00E+00	1.42E-02	5.62E-04	0.00E+00	5.62E-04	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.42E-02
744	ALL	653790.1	4187688	NonCancer	0.00E+00	5.43E-04	1.38E-02	0.00E+00	0.00E+00	1.38E-02	5.43E-04	0.00E+00	5.43E-04	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.38E-02
745	ALL	653810.1	4187688	NonCancer	0.00E+00	5.54E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.54E-04	0.00E+00	5.54E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
746	ALL	653830.1	4187688	NonCancer	0.00E+00	5.40E-04	1.36E-02	0.00E+00	0.00E+00	1.36E-02	5.40E-04	0.00E+00	5.40E-04	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.36E-02
747	ALL	653850.1	4187688	NonCancer	0.00E+00	5.37E-04	1.34E-02	0.00E+00	0.00E+00	1.34E-02	5.37E-04	0.00E+00	5.37E-04	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.34E-02
748	ALL	653870.1	4187688	NonCancer	0.00E+00	5.10E-04	1.28E-02	0.00E+00	0.00E+00	1.28E-02	5.10E-04	0.00E+00	5.10E-04	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.28E-02
749	ALL	653890.1	4187688	NonCancer	0.00E+00	4.97E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.97E-04	0.00E+00	4.97E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02

750	ALL	653910.1	4187688	NonCancer	0.00E+00	4.41E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
751	ALL	653930.1	4187688	NonCancer	0.00E+00	4.41E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
752	ALL	653950.1	4187688	NonCancer	0.00E+00	4.05E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.05E-04	0.00E+00	4.05E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
753	ALL	653970.1	4187688	NonCancer	0.00E+00	3.83E-04	9.66E-03	0.00E+00	0.00E+00	9.66E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.66E-03
754	ALL	653990.1	4187688	NonCancer	0.00E+00	3.80E-04	9.44E-03	0.00E+00	0.00E+00	9.44E-03	3.80E-04	0.00E+00	3.80E-04	0.00E+00	0.00E+00	9.44E-03	0.00E+00	0.00E+00	9.44E-03
755	ALL	654010.1	4187688	NonCancer	0.00E+00	3.34E-04	8.28E-03	0.00E+00	0.00E+00	8.28E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	8.28E-03
756	ALL	654030.1	4187688	NonCancer	0.00E+00	3.06E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	3.06E-04	0.00E+00	3.06E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
757	ALL	654050.1	4187688	NonCancer	0.00E+00	3.01E-04	7.65E-03	0.00E+00	0.00E+00	7.65E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.65E-03	0.00E+00	0.00E+00	7.65E-03
758	ALL	654070.1	4187688	NonCancer	0.00E+00	3.21E-04	8.02E-03	0.00E+00	0.00E+00	8.02E-03	3.21E-04	0.00E+00	3.21E-04	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	8.02E-03
759	ALL	654090.1	4187688	NonCancer	0.00E+00	2.99E-04	7.50E-03	0.00E+00	0.00E+00	7.50E-03	2.99E-04	0.00E+00	2.99E-04	0.00E+00	0.00E+00	7.50E-03	0.00E+00	0.00E+00	7.50E-03
760	ALL	654110.1	4187688	NonCancer	0.00E+00	2.94E-04	7.35E-03	0.00E+00	0.00E+00	7.35E-03	2.94E-04	0.00E+00	2.94E-04	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	7.35E-03
761	ALL	654130.1	4187688	NonCancer	0.00E+00	2.75E-04	6.88E-03	0.00E+00	0.00E+00	6.88E-03	2.75E-04	0.00E+00	2.75E-04	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	6.88E-03
762	ALL	654150.1	4187688	NonCancer	0.00E+00	2.68E-04	6.75E-03	0.00E+00	0.00E+00	6.75E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	6.75E-03
763	ALL	654170.1	4187688	NonCancer	0.00E+00	2.70E-04	6.82E-03	0.00E+00	0.00E+00	6.82E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.82E-03
764	ALL	654190.1	4187688	NonCancer	0.00E+00	2.71E-04	6.80E-03	0.00E+00	0.00E+00	6.80E-03	2.71E-04	0.00E+00	2.71E-04	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	6.80E-03
765	ALL	654210.1	4187688	NonCancer	0.00E+00	2.56E-04	6.43E-03	0.00E+00	0.00E+00	6.43E-03	2.56E-04	0.00E+00	2.56E-04	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	6.43E-03
766	ALL	654230.1	4187688	NonCancer	0.00E+00	2.29E-04	5.81E-03	0.00E+00	0.00E+00	5.81E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	5.81E-03
767	ALL	654250.1	4187688	NonCancer	0.00E+00	1.96E-04	5.04E-03	0.00E+00	0.00E+00	5.04E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.04E-03
768	ALL	654270.1	4187688	NonCancer	0.00E+00	1.62E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
769	ALL	654290.1	4187688	NonCancer	0.00E+00	1.46E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
770	ALL	654310.1	4187688	NonCancer	0.00E+00	1.46E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
771	ALL	654330.1	4187688	NonCancer	0.00E+00	1.48E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
772	ALL	654350.1	4187688	NonCancer	0.00E+00	1.45E-04	3.64E-03	0.00E+00	0.00E+00	3.64E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.64E-03
773	ALL	654370.1	4187688	NonCancer	0.00E+00	1.39E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
774	ALL	654390.1	4187688	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
775	ALL	654410.1	4187688	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
776	ALL	654430.1	4187688	NonCancer	0.00E+00	1.20E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
777	ALL	654450.1	4187688	NonCancer	0.00E+00	1.15E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
778	ALL	654470.1	4187688	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
779	ALL	654490.1	4187688	NonCancer	0.00E+00	1.12E-04	2.81E-03	0.00E+00	0.00E+00	2.81E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	2.81E-03
780	ALL	653690.1	4187708	NonCancer	0.00E+00	6.01E-04	1.54E-02	0.00E+00	0.00E+00	1.54E-02	6.01E-04	0.00E+00	6.01E-04	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.54E-02
781	ALL	653710.1	4187708	NonCancer	0.00E+00	5.99E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	5.99E-04	0.00E+00	5.99E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
782	ALL	653730.1	4187708	NonCancer	0.00E+00	6.67E-04	1.65E-02	0.00E+00	0.00E+00	1.65E-02	6.67E-04	0.00E+00	6.67E-04	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.65E-02
783	ALL	653750.1	4187708	NonCancer	0.00E+00	6.02E-04	1.54E-02	0.00E+00	0.00E+00	1.54E-02	6.02E-04	0.00E+00	6.02E-04	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.54E-02
784	ALL	653770.1	4187708	NonCancer	0.00E+00	6.27E-04	1.58E-02	0.00E+00	0.00E+00	1.58E-02	6.27E-04	0.00E+00	6.27E-04	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.58E-02
785	ALL	653790.1	4187708	NonCancer	0.00E+00	5.85E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.85E-04	0.00E+00	5.85E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
786	ALL	653810.1	4187708	NonCancer	0.00E+00	6.06E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.06E-04	0.00E+00	6.06E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
787	ALL	653830.1	4187708	NonCancer	0.00E+00	5.90E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.90E-04	0.00E+00	5.90E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
788	ALL	653850.1	4187708	NonCancer	0.00E+00	5.71E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.71E-04	0.00E+00	5.71E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02
789	ALL	653870.1	4187708	NonCancer	0.00E+00	5.26E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.26E-04	0.00E+00	5.26E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
790	ALL	653890.1	4187708	NonCancer	0.00E+00	5.29E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.29E-04	0.00E+00	5.29E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
791	ALL	653910.1	4187708	NonCancer	0.00E+00	4.87E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.87E-04	0.00E+00	4.87E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
792	ALL	653930.1	4187708	NonCancer	0.00E+00	4.45E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
793	ALL	653950.1	4187708	NonCancer	0.00E+00	4.15E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.15E-04	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
794	ALL	653970.1	4187708	NonCancer	0.00E+00	4.23E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.23E-04	0.00E+00	4.23E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
795	ALL	653990.1	4187708	NonCancer	0.00E+00	3.69E-04	9.14E-03	0.00E+00	0.00E+00	9.14E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	9.14E-03
796	ALL	654010.1	4187708	NonCancer	0.00E+00	3.37E-04	8.47E-03	0.00E+00	0.00E+00	8.47E-03	3.37E-04	0.00E+00	3.37E-04	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	8.47E-03
797	ALL	654030.1	4187708	NonCancer	0.00E+00	3.40E-04	8.60E-03	0.00E+00	0.00E+00	8.60E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	8.60E-03
798	ALL	654050.1	4187708	NonCancer	0.00E+00	3.52E-04	8.79E-03	0.00E+00	0.00E+00	8.79E-03	3.52E-04	0.00E+00	3.52E-04	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	8.79E-03
799	ALL	654070.1	4187708	NonCancer	0.00E+00	3.21E-04	8.08E-03	0.00E+00	0.00E+00	8.08E-03	3.21E-04	0.00E+00	3.21E-04	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	8.08E-03

800	ALL	654090.1	4187708	NonCancer	0.00E+00	3.20E-04	7.99E-03	0.00E+00	0.00E+00	7.99E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	7.99E-03
801	ALL	654110.1	4187708	NonCancer	0.00E+00	3.02E-04	7.57E-03	0.00E+00	0.00E+00	7.57E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	7.57E-03
802	ALL	654130.1	4187708	NonCancer	0.00E+00	2.93E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
803	ALL	654150.1	4187708	NonCancer	0.00E+00	3.02E-04	7.58E-03	0.00E+00	0.00E+00	7.58E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	7.58E-03
804	ALL	654170.1	4187708	NonCancer	0.00E+00	2.90E-04	7.28E-03	0.00E+00	0.00E+00	7.28E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	7.28E-03
805	ALL	654190.1	4187708	NonCancer	0.00E+00	2.62E-04	6.62E-03	0.00E+00	0.00E+00	6.62E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	6.62E-03
806	ALL	654210.1	4187708	NonCancer	0.00E+00	2.25E-04	5.75E-03	0.00E+00	0.00E+00	5.75E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.75E-03
807	ALL	654230.1	4187708	NonCancer	0.00E+00	1.84E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
808	ALL	654250.1	4187708	NonCancer	0.00E+00	1.62E-04	4.19E-03	0.00E+00	0.00E+00	4.19E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.19E-03
809	ALL	654270.1	4187708	NonCancer	0.00E+00	1.62E-04	4.09E-03	0.00E+00	0.00E+00	4.09E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.09E-03
810	ALL	654290.1	4187708	NonCancer	0.00E+00	1.64E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
811	ALL	654310.1	4187708	NonCancer	0.00E+00	1.60E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
812	ALL	654330.1	4187708	NonCancer	0.00E+00	1.52E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
813	ALL	654350.1	4187708	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
814	ALL	654370.1	4187708	NonCancer	0.00E+00	1.36E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
815	ALL	654390.1	4187708	NonCancer	0.00E+00	1.29E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
816	ALL	654410.1	4187708	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
817	ALL	654430.1	4187708	NonCancer	0.00E+00	1.25E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
818	ALL	654450.1	4187708	NonCancer	0.00E+00	1.21E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
819	ALL	654470.1	4187708	NonCancer	0.00E+00	1.15E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
820	ALL	654490.1	4187708	NonCancer	0.00E+00	1.08E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
821	ALL	653690.1	4187728	NonCancer	0.00E+00	6.38E-04	1.65E-02	0.00E+00	0.00E+00	1.65E-02	6.38E-04	0.00E+00	6.38E-04	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.65E-02
822	ALL	653710.1	4187728	NonCancer	0.00E+00	6.72E-04	1.73E-02	0.00E+00	0.00E+00	1.73E-02	6.72E-04	0.00E+00	6.72E-04	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.73E-02
823	ALL	653730.1	4187728	NonCancer	0.00E+00	7.30E-04	1.82E-02	0.00E+00	0.00E+00	1.82E-02	7.30E-04	0.00E+00	7.30E-04	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.82E-02
824	ALL	653750.1	4187728	NonCancer	0.00E+00	6.51E-04	1.66E-02	0.00E+00	0.00E+00	1.66E-02	6.51E-04	0.00E+00	6.51E-04	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.66E-02
825	ALL	653770.1	4187728	NonCancer	0.00E+00	6.97E-04	1.75E-02	0.00E+00	0.00E+00	1.75E-02	6.97E-04	0.00E+00	6.97E-04	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.75E-02
826	ALL	653790.1	4187728	NonCancer	0.00E+00	6.64E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.64E-04	0.00E+00	6.64E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
827	ALL	653810.1	4187728	NonCancer	0.00E+00	6.41E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.41E-04	0.00E+00	6.41E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
828	ALL	653830.1	4187728	NonCancer	0.00E+00	6.51E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.51E-04	0.00E+00	6.51E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
829	ALL	653850.1	4187728	NonCancer	0.00E+00	6.18E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	6.18E-04	0.00E+00	6.18E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
830	ALL	653870.1	4187728	NonCancer	0.00E+00	6.04E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	6.04E-04	0.00E+00	6.04E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
831	ALL	653890.1	4187728	NonCancer	0.00E+00	5.25E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.25E-04	0.00E+00	5.25E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
832	ALL	653910.1	4187728	NonCancer	0.00E+00	5.09E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	5.09E-04	0.00E+00	5.09E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
833	ALL	653930.1	4187728	NonCancer	0.00E+00	4.64E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
834	ALL	653950.1	4187728	NonCancer	0.00E+00	4.74E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.74E-04	0.00E+00	4.74E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
835	ALL	653970.1	4187728	NonCancer	0.00E+00	4.10E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.10E-04	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
836	ALL	653990.1	4187728	NonCancer	0.00E+00	3.73E-04	9.41E-03	0.00E+00	0.00E+00	9.41E-03	3.73E-04	0.00E+00	3.73E-04	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	9.41E-03
837	ALL	654010.1	4187728	NonCancer	0.00E+00	3.86E-04	9.71E-03	0.00E+00	0.00E+00	9.71E-03	3.86E-04	0.00E+00	3.86E-04	0.00E+00	0.00E+00	9.71E-03	0.00E+00	0.00E+00	9.71E-03
838	ALL	654030.1	4187728	NonCancer	0.00E+00	3.87E-04	9.63E-03	0.00E+00	0.00E+00	9.63E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	9.63E-03
839	ALL	654050.1	4187728	NonCancer	0.00E+00	3.62E-04	9.07E-03	0.00E+00	0.00E+00	9.07E-03	3.62E-04	0.00E+00	3.62E-04	0.00E+00	0.00E+00	9.07E-03	0.00E+00	0.00E+00	9.07E-03
840	ALL	654070.1	4187728	NonCancer	0.00E+00	3.45E-04	8.60E-03	0.00E+00	0.00E+00	8.60E-03	3.45E-04	0.00E+00	3.45E-04	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	8.60E-03
841	ALL	654090.1	4187728	NonCancer	0.00E+00	3.30E-04	8.31E-03	0.00E+00	0.00E+00	8.31E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.31E-03	0.00E+00	0.00E+00	8.31E-03
842	ALL	654110.1	4187728	NonCancer	0.00E+00	3.36E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
843	ALL	654130.1	4187728	NonCancer	0.00E+00	3.30E-04	8.27E-03	0.00E+00	0.00E+00	8.27E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	8.27E-03
844	ALL	654150.1	4187728	NonCancer	0.00E+00	3.02E-04	7.60E-03	0.00E+00	0.00E+00	7.60E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	7.60E-03
845	ALL	654170.1	4187728	NonCancer	0.00E+00	2.60E-04	6.62E-03	0.00E+00	0.00E+00	6.62E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	6.62E-03
846	ALL	654190.1	4187728	NonCancer	0.00E+00	2.13E-04	5.51E-03	0.00E+00	0.00E+00	5.51E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.51E-03
847	ALL	654210.1	4187728	NonCancer	0.00E+00	1.82E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
848	ALL	654230.1	4187728	NonCancer	0.00E+00	1.82E-04	4.58E-03	0.00E+00	0.00E+00	4.58E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.58E-03
849	ALL	654250.1	4187728	NonCancer	0.00E+00	1.83E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03

850	ALL	654270.1	4187728	NonCancer	0.00E+00	1.77E-04	4.42E-03	0.00E+00	0.00E+00	4.42E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.42E-03
851	ALL	654290.1	4187728	NonCancer	0.00E+00	1.66E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
852	ALL	654310.1	4187728	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
853	ALL	654330.1	4187728	NonCancer	0.00E+00	1.48E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
854	ALL	654350.1	4187728	NonCancer	0.00E+00	1.43E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
855	ALL	654370.1	4187728	NonCancer	0.00E+00	1.41E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
856	ALL	654390.1	4187728	NonCancer	0.00E+00	1.36E-04	3.42E-03	0.00E+00	0.00E+00	3.42E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	3.42E-03
857	ALL	654410.1	4187728	NonCancer	0.00E+00	1.30E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
858	ALL	654430.1	4187728	NonCancer	0.00E+00	1.21E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
859	ALL	654450.1	4187728	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
860	ALL	654470.1	4187728	NonCancer	0.00E+00	1.04E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
861	ALL	654490.1	4187728	NonCancer	0.00E+00	1.05E-04	2.64E-03	0.00E+00	0.00E+00	2.64E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	2.64E-03
862	ALL	653690.1	4187748	NonCancer	0.00E+00	7.04E-04	1.81E-02	0.00E+00	0.00E+00	1.81E-02	7.04E-04	0.00E+00	7.04E-04	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.81E-02
863	ALL	653710.1	4187748	NonCancer	0.00E+00	7.63E-04	1.96E-02	0.00E+00	0.00E+00	1.96E-02	7.63E-04	0.00E+00	7.63E-04	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.96E-02
864	ALL	653730.1	4187748	NonCancer	0.00E+00	8.09E-04	2.02E-02	0.00E+00	0.00E+00	2.02E-02	8.09E-04	0.00E+00	8.09E-04	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.02E-02
865	ALL	653750.1	4187748	NonCancer	0.00E+00	7.19E-04	1.82E-02	0.00E+00	0.00E+00	1.82E-02	7.19E-04	0.00E+00	7.19E-04	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.82E-02
866	ALL	653770.1	4187748	NonCancer	0.00E+00	7.71E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.71E-04	0.00E+00	7.71E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
867	ALL	653790.1	4187748	NonCancer	0.00E+00	7.39E-04	1.85E-02	0.00E+00	0.00E+00	1.85E-02	7.39E-04	0.00E+00	7.39E-04	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.85E-02
868	ALL	653810.1	4187748	NonCancer	0.00E+00	7.11E-04	1.79E-02	0.00E+00	0.00E+00	1.79E-02	7.11E-04	0.00E+00	7.11E-04	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.79E-02
869	ALL	653830.1	4187748	NonCancer	0.00E+00	7.10E-04	1.77E-02	0.00E+00	0.00E+00	1.77E-02	7.10E-04	0.00E+00	7.10E-04	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.77E-02
870	ALL	653850.1	4187748	NonCancer	0.00E+00	6.46E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.46E-04	0.00E+00	6.46E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
871	ALL	653870.1	4187748	NonCancer	0.00E+00	6.26E-04	1.56E-02	0.00E+00	0.00E+00	1.56E-02	6.26E-04	0.00E+00	6.26E-04	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.56E-02
872	ALL	653890.1	4187748	NonCancer	0.00E+00	5.94E-04	1.47E-02	0.00E+00	0.00E+00	1.47E-02	5.94E-04	0.00E+00	5.94E-04	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.47E-02
873	ALL	653910.1	4187748	NonCancer	0.00E+00	5.37E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.37E-04	0.00E+00	5.37E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
874	ALL	653930.1	4187748	NonCancer	0.00E+00	5.34E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.34E-04	0.00E+00	5.34E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
875	ALL	653950.1	4187748	NonCancer	0.00E+00	4.60E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.60E-04	0.00E+00	4.60E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
876	ALL	653970.1	4187748	NonCancer	0.00E+00	4.16E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.16E-04	0.00E+00	4.16E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
877	ALL	653990.1	4187748	NonCancer	0.00E+00	4.39E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
878	ALL	654010.1	4187748	NonCancer	0.00E+00	4.24E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.24E-04	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
879	ALL	654030.1	4187748	NonCancer	0.00E+00	4.06E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.06E-04	0.00E+00	4.06E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
880	ALL	654050.1	4187748	NonCancer	0.00E+00	3.79E-04	9.49E-03	0.00E+00	0.00E+00	9.49E-03	3.79E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.49E-03
881	ALL	654070.1	4187748	NonCancer	0.00E+00	3.73E-04	9.41E-03	0.00E+00	0.00E+00	9.41E-03	3.73E-04	0.00E+00	3.73E-04	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	9.41E-03
882	ALL	654090.1	4187748	NonCancer	0.00E+00	3.78E-04	9.45E-03	0.00E+00	0.00E+00	9.45E-03	3.78E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	9.45E-03
883	ALL	654110.1	4187748	NonCancer	0.00E+00	3.51E-04	8.80E-03	0.00E+00	0.00E+00	8.80E-03	3.51E-04	0.00E+00	3.51E-04	0.00E+00	0.00E+00	8.80E-03	0.00E+00	0.00E+00	8.80E-03
884	ALL	654130.1	4187748	NonCancer	0.00E+00	3.04E-04	7.70E-03	0.00E+00	0.00E+00	7.70E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	7.70E-03
885	ALL	654150.1	4187748	NonCancer	0.00E+00	2.48E-04	6.39E-03	0.00E+00	0.00E+00	6.39E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	6.39E-03
886	ALL	654170.1	4187748	NonCancer	0.00E+00	2.06E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
887	ALL	654190.1	4187748	NonCancer	0.00E+00	2.07E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
888	ALL	654210.1	4187748	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
889	ALL	654230.1	4187748	NonCancer	0.00E+00	1.96E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
890	ALL	654250.1	4187748	NonCancer	0.00E+00	1.82E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03
891	ALL	654270.1	4187748	NonCancer	0.00E+00	1.72E-04	4.31E-03	0.00E+00	0.00E+00	4.31E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.31E-03
892	ALL	654290.1	4187748	NonCancer	0.00E+00	1.62E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
893	ALL	654310.1	4187748	NonCancer	0.00E+00	1.60E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
894	ALL	654330.1	4187748	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
895	ALL	654350.1	4187748	NonCancer	0.00E+00	1.48E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
896	ALL	654370.1	4187748	NonCancer	0.00E+00	1.38E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
897	ALL	654390.1	4187748	NonCancer	0.00E+00	1.27E-04	3.21E-03	0.00E+00	0.00E+00	3.21E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
898	ALL	654410.1	4187748	NonCancer	0.00E+00	1.18E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
899	ALL	654430.1	4187748	NonCancer	0.00E+00	1.19E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03

900	ALL	654450.1	4187748	NonCancer	0.00E+00	1.18E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
901	ALL	654470.1	4187748	NonCancer	0.00E+00	1.16E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
902	ALL	654490.1	4187748	NonCancer	0.00E+00	1.13E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
903	ALL	653690.1	4187768	NonCancer	0.00E+00	7.85E-04	2.02E-02	0.00E+00	0.00E+00	2.02E-02	7.85E-04	0.00E+00	7.85E-04	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.02E-02
904	ALL	653710.1	4187768	NonCancer	0.00E+00	8.67E-04	2.22E-02	0.00E+00	0.00E+00	2.22E-02	8.67E-04	0.00E+00	8.67E-04	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	2.22E-02
905	ALL	653730.1	4187768	NonCancer	0.00E+00	9.05E-04	2.27E-02	0.00E+00	0.00E+00	2.27E-02	9.05E-04	0.00E+00	9.05E-04	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.27E-02
906	ALL	653750.1	4187768	NonCancer	0.00E+00	8.03E-04	2.03E-02	0.00E+00	0.00E+00	2.03E-02	8.03E-04	0.00E+00	8.03E-04	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	2.03E-02
907	ALL	653770.1	4187768	NonCancer	0.00E+00	8.46E-04	2.12E-02	0.00E+00	0.00E+00	2.12E-02	8.46E-04	0.00E+00	8.46E-04	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.12E-02
908	ALL	653790.1	4187768	NonCancer	0.00E+00	8.19E-04	2.06E-02	0.00E+00	0.00E+00	2.06E-02	8.19E-04	0.00E+00	8.19E-04	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	2.06E-02
909	ALL	653810.1	4187768	NonCancer	0.00E+00	7.96E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	7.96E-04	0.00E+00	7.96E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
910	ALL	653830.1	4187768	NonCancer	0.00E+00	7.71E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.71E-04	0.00E+00	7.71E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
911	ALL	653850.1	4187768	NonCancer	0.00E+00	7.52E-04	1.86E-02	0.00E+00	0.00E+00	1.86E-02	7.52E-04	0.00E+00	7.52E-04	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.86E-02
912	ALL	653870.1	4187768	NonCancer	0.00E+00	6.79E-04	1.69E-02	0.00E+00	0.00E+00	1.69E-02	6.79E-04	0.00E+00	6.79E-04	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.69E-02
913	ALL	653890.1	4187768	NonCancer	0.00E+00	6.20E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	6.20E-04	0.00E+00	6.20E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
914	ALL	653910.1	4187768	NonCancer	0.00E+00	6.07E-04	1.50E-02	0.00E+00	0.00E+00	1.50E-02	6.07E-04	0.00E+00	6.07E-04	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.50E-02
915	ALL	653930.1	4187768	NonCancer	0.00E+00	5.22E-04	1.29E-02	0.00E+00	0.00E+00	1.29E-02	5.22E-04	0.00E+00	5.22E-04	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.29E-02
916	ALL	653950.1	4187768	NonCancer	0.00E+00	4.68E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.68E-04	0.00E+00	4.68E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
917	ALL	653970.1	4187768	NonCancer	0.00E+00	5.03E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	5.03E-04	0.00E+00	5.03E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
918	ALL	653990.1	4187768	NonCancer	0.00E+00	4.63E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.63E-04	0.00E+00	4.63E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
919	ALL	654010.1	4187768	NonCancer	0.00E+00	4.50E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
920	ALL	654030.1	4187768	NonCancer	0.00E+00	4.22E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.22E-04	0.00E+00	4.22E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
921	ALL	654050.1	4187768	NonCancer	0.00E+00	4.33E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.33E-04	0.00E+00	4.33E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
922	ALL	654070.1	4187768	NonCancer	0.00E+00	4.12E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.12E-04	0.00E+00	4.12E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
923	ALL	654090.1	4187768	NonCancer	0.00E+00	3.60E-04	9.07E-03	0.00E+00	0.00E+00	9.07E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.07E-03	0.00E+00	0.00E+00	9.07E-03
924	ALL	654110.1	4187768	NonCancer	0.00E+00	2.93E-04	7.51E-03	0.00E+00	0.00E+00	7.51E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	7.51E-03
925	ALL	654130.1	4187768	NonCancer	0.00E+00	2.36E-04	6.11E-03	0.00E+00	0.00E+00	6.11E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.11E-03
926	ALL	654150.1	4187768	NonCancer	0.00E+00	2.37E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
927	ALL	654170.1	4187768	NonCancer	0.00E+00	2.33E-04	5.81E-03	0.00E+00	0.00E+00	5.81E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	5.81E-03
928	ALL	654190.1	4187768	NonCancer	0.00E+00	2.19E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
929	ALL	654210.1	4187768	NonCancer	0.00E+00	2.01E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
930	ALL	654230.1	4187768	NonCancer	0.00E+00	1.91E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
931	ALL	654250.1	4187768	NonCancer	0.00E+00	1.84E-04	4.60E-03	0.00E+00	0.00E+00	4.60E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.60E-03
932	ALL	654270.1	4187768	NonCancer	0.00E+00	1.79E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
933	ALL	654290.1	4187768	NonCancer	0.00E+00	1.70E-04	4.27E-03	0.00E+00	0.00E+00	4.27E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.27E-03
934	ALL	654310.1	4187768	NonCancer	0.00E+00	1.59E-04	4.00E-03	0.00E+00	0.00E+00	4.00E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.00E-03
935	ALL	654330.1	4187768	NonCancer	0.00E+00	1.45E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
936	ALL	654350.1	4187768	NonCancer	0.00E+00	1.36E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
937	ALL	654370.1	4187768	NonCancer	0.00E+00	1.36E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
938	ALL	654390.1	4187768	NonCancer	0.00E+00	1.34E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
939	ALL	654410.1	4187768	NonCancer	0.00E+00	1.31E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
940	ALL	654430.1	4187768	NonCancer	0.00E+00	1.26E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
941	ALL	654450.1	4187768	NonCancer	0.00E+00	1.21E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
942	ALL	654470.1	4187768	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
943	ALL	654490.1	4187768	NonCancer	0.00E+00	1.07E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03
944	ALL	653690.1	4187788	NonCancer	0.00E+00	8.78E-04	2.25E-02	0.00E+00	0.00E+00	2.25E-02	8.78E-04	0.00E+00	8.78E-04	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	2.25E-02
945	ALL	653710.1	4187788	NonCancer	0.00E+00	9.85E-04	2.52E-02	0.00E+00	0.00E+00	2.52E-02	9.85E-04	0.00E+00	9.85E-04	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	2.52E-02
946	ALL	653730.1	4187788	NonCancer	0.00E+00	1.02E-03	2.57E-02	0.00E+00	0.00E+00	2.57E-02	1.02E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	2.57E-02
947	ALL	653750.1	4187788	NonCancer	0.00E+00	9.06E-04	2.30E-02	0.00E+00	0.00E+00	2.30E-02	9.06E-04	0.00E+00	9.06E-04	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	2.30E-02
948	ALL	653770.1	4187788	NonCancer	0.00E+00	9.20E-04	2.31E-02	0.00E+00	0.00E+00	2.31E-02	9.20E-04	0.00E+00	9.20E-04	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.31E-02
949	ALL	653790.1	4187788	NonCancer	0.00E+00	9.04E-04	2.27E-02	0.00E+00	0.00E+00	2.27E-02	9.04E-04	0.00E+00	9.04E-04	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.27E-02

950	ALL	653810.1	4187788	NonCancer	0.00E+00	9.04E-04	2.25E-02	0.00E+00	0.00E+00	2.25E-02	9.04E-04	0.00E+00	9.04E-04	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	2.25E-02
951	ALL	653830.1	4187788	NonCancer	0.00E+00	8.33E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.33E-04	0.00E+00	8.33E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
952	ALL	653850.1	4187788	NonCancer	0.00E+00	7.51E-04	1.88E-02	0.00E+00	0.00E+00	1.88E-02	7.51E-04	0.00E+00	7.51E-04	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.88E-02
953	ALL	653870.1	4187788	NonCancer	0.00E+00	7.10E-04	1.78E-02	0.00E+00	0.00E+00	1.78E-02	7.10E-04	0.00E+00	7.10E-04	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.78E-02
954	ALL	653890.1	4187788	NonCancer	0.00E+00	6.94E-04	1.72E-02	0.00E+00	0.00E+00	1.72E-02	6.94E-04	0.00E+00	6.94E-04	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.72E-02
955	ALL	653910.1	4187788	NonCancer	0.00E+00	5.99E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.99E-04	0.00E+00	5.99E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
956	ALL	653930.1	4187788	NonCancer	0.00E+00	5.30E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.30E-04	0.00E+00	5.30E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
957	ALL	653950.1	4187788	NonCancer	0.00E+00	5.76E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.76E-04	0.00E+00	5.76E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02
958	ALL	653970.1	4187788	NonCancer	0.00E+00	5.33E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.33E-04	0.00E+00	5.33E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
959	ALL	653990.1	4187788	NonCancer	0.00E+00	4.97E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.97E-04	0.00E+00	4.97E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
960	ALL	654010.1	4187788	NonCancer	0.00E+00	4.96E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.96E-04	0.00E+00	4.96E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
961	ALL	654030.1	4187788	NonCancer	0.00E+00	4.88E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.88E-04	0.00E+00	4.88E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
962	ALL	654050.1	4187788	NonCancer	0.00E+00	4.32E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.32E-04	0.00E+00	4.32E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
963	ALL	654070.1	4187788	NonCancer	0.00E+00	3.51E-04	8.96E-03	0.00E+00	0.00E+00	8.96E-03	3.51E-04	0.00E+00	3.51E-04	0.00E+00	0.00E+00	8.96E-03	0.00E+00	0.00E+00	8.96E-03
964	ALL	654090.1	4187788	NonCancer	0.00E+00	2.74E-04	7.10E-03	0.00E+00	0.00E+00	7.10E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.10E-03
965	ALL	654110.1	4187788	NonCancer	0.00E+00	2.74E-04	6.85E-03	0.00E+00	0.00E+00	6.85E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	6.85E-03
966	ALL	654130.1	4187788	NonCancer	0.00E+00	2.66E-04	6.64E-03	0.00E+00	0.00E+00	6.64E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	6.64E-03
967	ALL	654150.1	4187788	NonCancer	0.00E+00	2.47E-04	6.18E-03	0.00E+00	0.00E+00	6.18E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	6.18E-03
968	ALL	654170.1	4187788	NonCancer	0.00E+00	2.28E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03
969	ALL	654190.1	4187788	NonCancer	0.00E+00	2.14E-04	5.37E-03	0.00E+00	0.00E+00	5.37E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.37E-03
970	ALL	654210.1	4187788	NonCancer	0.00E+00	2.10E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
971	ALL	654230.1	4187788	NonCancer	0.00E+00	2.00E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
972	ALL	654250.1	4187788	NonCancer	0.00E+00	1.85E-04	4.66E-03	0.00E+00	0.00E+00	4.66E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.66E-03
973	ALL	654270.1	4187788	NonCancer	0.00E+00	1.68E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
974	ALL	654290.1	4187788	NonCancer	0.00E+00	1.58E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
975	ALL	654310.1	4187788	NonCancer	0.00E+00	1.57E-04	3.94E-03	0.00E+00	0.00E+00	3.94E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	3.94E-03
976	ALL	654330.1	4187788	NonCancer	0.00E+00	1.55E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
977	ALL	654350.1	4187788	NonCancer	0.00E+00	1.49E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
978	ALL	654370.1	4187788	NonCancer	0.00E+00	1.43E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
979	ALL	654390.1	4187788	NonCancer	0.00E+00	1.34E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
980	ALL	654410.1	4187788	NonCancer	0.00E+00	1.26E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
981	ALL	654430.1	4187788	NonCancer	0.00E+00	1.24E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
982	ALL	654450.1	4187788	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
983	ALL	654470.1	4187788	NonCancer	0.00E+00	1.20E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
984	ALL	654490.1	4187788	NonCancer	0.00E+00	1.16E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
985	ALL	653690.1	4187808	NonCancer	0.00E+00	9.87E-04	2.54E-02	0.00E+00	0.00E+00	2.54E-02	9.87E-04	0.00E+00	9.87E-04	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	2.54E-02
986	ALL	653710.1	4187808	NonCancer	0.00E+00	1.11E-03	2.85E-02	0.00E+00	0.00E+00	2.85E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.85E-02	0.00E+00	0.00E+00	2.85E-02
987	ALL	653730.1	4187808	NonCancer	0.00E+00	1.15E-03	2.92E-02	0.00E+00	0.00E+00	2.92E-02	1.15E-03	0.00E+00	1.15E-03	0.00E+00	0.00E+00	2.92E-02	0.00E+00	0.00E+00	2.92E-02
988	ALL	653750.1	4187808	NonCancer	0.00E+00	1.03E-03	2.62E-02	0.00E+00	0.00E+00	2.62E-02	1.03E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	2.62E-02
989	ALL	653770.1	4187808	NonCancer	0.00E+00	1.05E-03	2.64E-02	0.00E+00	0.00E+00	2.64E-02	1.05E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	2.64E-02
990	ALL	653790.1	4187808	NonCancer	0.00E+00	1.02E-03	2.55E-02	0.00E+00	0.00E+00	2.55E-02	1.02E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	2.55E-02
991	ALL	653810.1	4187808	NonCancer	0.00E+00	1.00E-03	2.49E-02	0.00E+00	0.00E+00	2.49E-02	1.00E-03	0.00E+00	1.00E-03	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	2.49E-02
992	ALL	653830.1	4187808	NonCancer	0.00E+00	9.55E-04	2.37E-02	0.00E+00	0.00E+00	2.37E-02	9.55E-04	0.00E+00	9.55E-04	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	2.37E-02
993	ALL	653850.1	4187808	NonCancer	0.00E+00	8.61E-04	2.13E-02	0.00E+00	0.00E+00	2.13E-02	8.61E-04	0.00E+00	8.61E-04	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	2.13E-02
994	ALL	653870.1	4187808	NonCancer	0.00E+00	8.01E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	8.01E-04	0.00E+00	8.01E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
995	ALL	653890.1	4187808	NonCancer	0.00E+00	6.96E-04	1.72E-02	0.00E+00	0.00E+00	1.72E-02	6.96E-04	0.00E+00	6.96E-04	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.72E-02
996	ALL	653910.1	4187808	NonCancer	0.00E+00	6.34E-04	1.60E-02	0.00E+00	0.00E+00	1.60E-02	6.34E-04	0.00E+00	6.34E-04	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.60E-02
997	ALL	653930.1	4187808	NonCancer	0.00E+00	6.62E-04	1.64E-02	0.00E+00	0.00E+00	1.64E-02	6.62E-04	0.00E+00	6.62E-04	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.64E-02
998	ALL	653950.1	4187808	NonCancer	0.00E+00	6.17E-04	1.53E-02	0.00E+00	0.00E+00	1.53E-02	6.17E-04	0.00E+00	6.17E-04	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.53E-02
999	ALL	653970.1	4187808	NonCancer	0.00E+00	5.70E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.70E-04	0.00E+00	5.70E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02

1000	ALL	653990.1	4187808	NonCancer	0.00E+00	5.83E-04	1.45E-02	0.00E+00	0.00E+00	1.45E-02	5.83E-04	0.00E+00	5.83E-04	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.45E-02
1001	ALL	654010.1	4187808	NonCancer	0.00E+00	5.28E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.28E-04	0.00E+00	5.28E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
1002	ALL	654030.1	4187808	NonCancer	0.00E+00	4.30E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.30E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1003	ALL	654050.1	4187808	NonCancer	0.00E+00	3.23E-04	8.40E-03	0.00E+00	0.00E+00	8.40E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	8.40E-03
1004	ALL	654070.1	4187808	NonCancer	0.00E+00	3.23E-04	8.04E-03	0.00E+00	0.00E+00	8.04E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	8.04E-03
1005	ALL	654090.1	4187808	NonCancer	0.00E+00	3.09E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
1006	ALL	654110.1	4187808	NonCancer	0.00E+00	2.80E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.80E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
1007	ALL	654130.1	4187808	NonCancer	0.00E+00	2.60E-04	6.50E-03	0.00E+00	0.00E+00	6.50E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.50E-03
1008	ALL	654150.1	4187808	NonCancer	0.00E+00	2.50E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
1009	ALL	654170.1	4187808	NonCancer	0.00E+00	2.38E-04	5.95E-03	0.00E+00	0.00E+00	5.95E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	5.95E-03
1010	ALL	654190.1	4187808	NonCancer	0.00E+00	2.21E-04	5.53E-03	0.00E+00	0.00E+00	5.53E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	5.53E-03
1011	ALL	654210.1	4187808	NonCancer	0.00E+00	1.99E-04	5.02E-03	0.00E+00	0.00E+00	5.02E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	5.02E-03
1012	ALL	654230.1	4187808	NonCancer	0.00E+00	1.88E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
1013	ALL	654250.1	4187808	NonCancer	0.00E+00	1.85E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
1014	ALL	654270.1	4187808	NonCancer	0.00E+00	1.80E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
1015	ALL	654290.1	4187808	NonCancer	0.00E+00	1.72E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
1016	ALL	654310.1	4187808	NonCancer	0.00E+00	1.62E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1017	ALL	654330.1	4187808	NonCancer	0.00E+00	1.51E-04	3.80E-03	0.00E+00	0.00E+00	3.80E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.80E-03
1018	ALL	654350.1	4187808	NonCancer	0.00E+00	1.47E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
1019	ALL	654370.1	4187808	NonCancer	0.00E+00	1.44E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
1020	ALL	654390.1	4187808	NonCancer	0.00E+00	1.41E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
1021	ALL	654410.1	4187808	NonCancer	0.00E+00	1.36E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
1022	ALL	654430.1	4187808	NonCancer	0.00E+00	1.31E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
1023	ALL	654450.1	4187808	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
1024	ALL	654470.1	4187808	NonCancer	0.00E+00	1.18E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
1025	ALL	654490.1	4187808	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
1026	ALL	653690.1	4187828	NonCancer	0.00E+00	1.14E-03	2.94E-02	0.00E+00	0.00E+00	2.94E-02	1.14E-03	0.00E+00	1.14E-03	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	2.94E-02
1027	ALL	653710.1	4187828	NonCancer	0.00E+00	1.26E-03	3.23E-02	0.00E+00	0.00E+00	3.23E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.23E-02	0.00E+00	0.00E+00	3.23E-02
1028	ALL	653730.1	4187828	NonCancer	0.00E+00	1.32E-03	3.33E-02	0.00E+00	0.00E+00	3.33E-02	1.32E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.33E-02
1029	ALL	653750.1	4187828	NonCancer	0.00E+00	1.22E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.22E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1030	ALL	653770.1	4187828	NonCancer	0.00E+00	1.23E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.23E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1031	ALL	653790.1	4187828	NonCancer	0.00E+00	1.21E-03	3.01E-02	0.00E+00	0.00E+00	3.01E-02	1.21E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	3.01E-02
1032	ALL	653810.1	4187828	NonCancer	0.00E+00	1.13E-03	2.81E-02	0.00E+00	0.00E+00	2.81E-02	1.13E-03	0.00E+00	1.13E-03	0.00E+00	0.00E+00	2.81E-02	0.00E+00	0.00E+00	2.81E-02
1033	ALL	653830.1	4187828	NonCancer	0.00E+00	1.04E-03	2.56E-02	0.00E+00	0.00E+00	2.56E-02	1.04E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	2.56E-02
1034	ALL	653850.1	4187828	NonCancer	0.00E+00	9.32E-04	2.32E-02	0.00E+00	0.00E+00	2.32E-02	9.32E-04	0.00E+00	9.32E-04	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.32E-02
1035	ALL	653870.1	4187828	NonCancer	0.00E+00	8.30E-04	2.05E-02	0.00E+00	0.00E+00	2.05E-02	8.30E-04	0.00E+00	8.30E-04	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.05E-02
1036	ALL	653890.1	4187828	NonCancer	0.00E+00	7.76E-04	1.94E-02	0.00E+00	0.00E+00	1.94E-02	7.76E-04	0.00E+00	7.76E-04	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.94E-02
1037	ALL	653910.1	4187828	NonCancer	0.00E+00	7.62E-04	1.89E-02	0.00E+00	0.00E+00	1.89E-02	7.62E-04	0.00E+00	7.62E-04	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.89E-02
1038	ALL	653930.1	4187828	NonCancer	0.00E+00	7.04E-04	1.75E-02	0.00E+00	0.00E+00	1.75E-02	7.04E-04	0.00E+00	7.04E-04	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.75E-02
1039	ALL	653950.1	4187828	NonCancer	0.00E+00	7.02E-04	1.74E-02	0.00E+00	0.00E+00	1.74E-02	7.02E-04	0.00E+00	7.02E-04	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.74E-02
1040	ALL	653970.1	4187828	NonCancer	0.00E+00	6.59E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.59E-04	0.00E+00	6.59E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
1041	ALL	653990.1	4187828	NonCancer	0.00E+00	5.39E-04	1.36E-02	0.00E+00	0.00E+00	1.36E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.36E-02
1042	ALL	654010.1	4187828	NonCancer	0.00E+00	3.98E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	3.98E-04	0.00E+00	3.98E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
1043	ALL	654030.1	4187828	NonCancer	0.00E+00	3.87E-04	9.61E-03	0.00E+00	0.00E+00	9.61E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	9.61E-03
1044	ALL	654050.1	4187828	NonCancer	0.00E+00	3.62E-04	9.01E-03	0.00E+00	0.00E+00	9.01E-03	3.62E-04	0.00E+00	3.62E-04	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	9.01E-03
1045	ALL	654070.1	4187828	NonCancer	0.00E+00	3.25E-04	8.11E-03	0.00E+00	0.00E+00	8.11E-03	3.25E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	8.11E-03
1046	ALL	654090.1	4187828	NonCancer	0.00E+00	3.04E-04	7.58E-03	0.00E+00	0.00E+00	7.58E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	7.58E-03
1047	ALL	654110.1	4187828	NonCancer	0.00E+00	2.92E-04	7.25E-03	0.00E+00	0.00E+00	7.25E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.25E-03	0.00E+00	0.00E+00	7.25E-03
1048	ALL	654130.1	4187828	NonCancer	0.00E+00	2.69E-04	6.72E-03	0.00E+00	0.00E+00	6.72E-03	2.69E-04	0.00E+00	2.69E-04	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	6.72E-03
1049	ALL	654150.1	4187828	NonCancer	0.00E+00	2.40E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.40E-04	0.00E+00	2.40E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03

1050	ALL	654170.1	4187828	NonCancer	0.00E+00	2.27E-04	5.70E-03	0.00E+00	0.00E+00	5.70E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	5.70E-03
1051	ALL	654190.1	4187828	NonCancer	0.00E+00	2.22E-04	5.52E-03	0.00E+00	0.00E+00	5.52E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	5.52E-03
1052	ALL	654210.1	4187828	NonCancer	0.00E+00	2.13E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03
1053	ALL	654230.1	4187828	NonCancer	0.00E+00	2.00E-04	5.01E-03	0.00E+00	0.00E+00	5.01E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	5.01E-03
1054	ALL	654250.1	4187828	NonCancer	0.00E+00	1.86E-04	4.67E-03	0.00E+00	0.00E+00	4.67E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.67E-03
1055	ALL	654270.1	4187828	NonCancer	0.00E+00	1.78E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
1056	ALL	654290.1	4187828	NonCancer	0.00E+00	1.74E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
1057	ALL	654310.1	4187828	NonCancer	0.00E+00	1.69E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1058	ALL	654330.1	4187828	NonCancer	0.00E+00	1.62E-04	4.05E-03	0.00E+00	0.00E+00	4.05E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	4.05E-03
1059	ALL	654350.1	4187828	NonCancer	0.00E+00	1.54E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
1060	ALL	654370.1	4187828	NonCancer	0.00E+00	1.45E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
1061	ALL	654390.1	4187828	NonCancer	0.00E+00	1.39E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
1062	ALL	654410.1	4187828	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
1063	ALL	654430.1	4187828	NonCancer	0.00E+00	1.30E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
1064	ALL	654450.1	4187828	NonCancer	0.00E+00	1.25E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
1065	ALL	654470.1	4187828	NonCancer	0.00E+00	1.20E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1066	ALL	654490.1	4187828	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
1067	ALL	653690.1	4187848	NonCancer	0.00E+00	1.35E-03	3.47E-02	0.00E+00	0.00E+00	3.47E-02	1.35E-03	0.00E+00	1.35E-03	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	3.47E-02
1068	ALL	653710.1	4187848	NonCancer	0.00E+00	1.41E-03	3.65E-02	0.00E+00	0.00E+00	3.65E-02	1.41E-03	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	3.65E-02
1069	ALL	653730.1	4187848	NonCancer	0.00E+00	1.52E-03	3.85E-02	0.00E+00	0.00E+00	3.85E-02	1.52E-03	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.85E-02	0.00E+00	0.00E+00	3.85E-02
1070	ALL	653750.1	4187848	NonCancer	0.00E+00	1.47E-03	3.71E-02	0.00E+00	0.00E+00	3.71E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.71E-02	0.00E+00	0.00E+00	3.71E-02
1071	ALL	653770.1	4187848	NonCancer	0.00E+00	1.43E-03	3.59E-02	0.00E+00	0.00E+00	3.59E-02	1.43E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	3.59E-02
1072	ALL	653790.1	4187848	NonCancer	0.00E+00	1.38E-03	3.41E-02	0.00E+00	0.00E+00	3.41E-02	1.38E-03	0.00E+00	1.38E-03	0.00E+00	0.00E+00	3.41E-02	0.00E+00	0.00E+00	3.41E-02
1073	ALL	653810.1	4187848	NonCancer	0.00E+00	1.26E-03	3.11E-02	0.00E+00	0.00E+00	3.11E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	3.11E-02
1074	ALL	653830.1	4187848	NonCancer	0.00E+00	1.12E-03	2.78E-02	0.00E+00	0.00E+00	2.78E-02	1.12E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.78E-02	0.00E+00	0.00E+00	2.78E-02
1075	ALL	653850.1	4187848	NonCancer	0.00E+00	1.02E-03	2.52E-02	0.00E+00	0.00E+00	2.52E-02	1.02E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	2.52E-02
1076	ALL	653870.1	4187848	NonCancer	0.00E+00	9.64E-04	2.39E-02	0.00E+00	0.00E+00	2.39E-02	9.64E-04	0.00E+00	9.64E-04	0.00E+00	0.00E+00	2.39E-02	0.00E+00	0.00E+00	2.39E-02
1077	ALL	653890.1	4187848	NonCancer	0.00E+00	9.07E-04	2.24E-02	0.00E+00	0.00E+00	2.24E-02	9.07E-04	0.00E+00	9.07E-04	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	2.24E-02
1078	ALL	653910.1	4187848	NonCancer	0.00E+00	8.43E-04	2.10E-02	0.00E+00	0.00E+00	2.10E-02	8.43E-04	0.00E+00	8.43E-04	0.00E+00	0.00E+00	2.10E-02	0.00E+00	0.00E+00	2.10E-02
1079	ALL	653930.1	4187848	NonCancer	0.00E+00	8.40E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.40E-04	0.00E+00	8.40E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
1080	ALL	653950.1	4187848	NonCancer	0.00E+00	6.98E-04	1.74E-02	0.00E+00	0.00E+00	1.74E-02	6.98E-04	0.00E+00	6.98E-04	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.74E-02
1081	ALL	653970.1	4187848	NonCancer	0.00E+00	5.06E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.06E-04	0.00E+00	5.06E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1082	ALL	653990.1	4187848	NonCancer	0.00E+00	4.76E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.76E-04	0.00E+00	4.76E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
1083	ALL	654010.1	4187848	NonCancer	0.00E+00	4.32E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.32E-04	0.00E+00	4.32E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1084	ALL	654030.1	4187848	NonCancer	0.00E+00	3.87E-04	9.62E-03	0.00E+00	0.00E+00	9.62E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.62E-03	0.00E+00	0.00E+00	9.62E-03
1085	ALL	654050.1	4187848	NonCancer	0.00E+00	3.68E-04	9.11E-03	0.00E+00	0.00E+00	9.11E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	9.11E-03
1086	ALL	654070.1	4187848	NonCancer	0.00E+00	3.38E-04	8.41E-03	0.00E+00	0.00E+00	8.41E-03	3.38E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.41E-03
1087	ALL	654090.1	4187848	NonCancer	0.00E+00	2.98E-04	7.49E-03	0.00E+00	0.00E+00	7.49E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.49E-03
1088	ALL	654110.1	4187848	NonCancer	0.00E+00	2.82E-04	7.05E-03	0.00E+00	0.00E+00	7.05E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.05E-03	0.00E+00	0.00E+00	7.05E-03
1089	ALL	654130.1	4187848	NonCancer	0.00E+00	2.72E-04	6.75E-03	0.00E+00	0.00E+00	6.75E-03	2.72E-04	0.00E+00	2.72E-04	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	6.75E-03
1090	ALL	654150.1	4187848	NonCancer	0.00E+00	2.56E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.56E-04	0.00E+00	2.56E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
1091	ALL	654170.1	4187848	NonCancer	0.00E+00	2.36E-04	5.91E-03	0.00E+00	0.00E+00	5.91E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	5.91E-03
1092	ALL	654190.1	4187848	NonCancer	0.00E+00	2.22E-04	5.57E-03	0.00E+00	0.00E+00	5.57E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.57E-03
1093	ALL	654210.1	4187848	NonCancer	0.00E+00	2.16E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
1094	ALL	654230.1	4187848	NonCancer	0.00E+00	2.07E-04	5.17E-03	0.00E+00	0.00E+00	5.17E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.17E-03
1095	ALL	654250.1	4187848	NonCancer	0.00E+00	1.97E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1096	ALL	654270.1	4187848	NonCancer	0.00E+00	1.85E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
1097	ALL	654290.1	4187848	NonCancer	0.00E+00	1.74E-04	4.37E-03	0.00E+00	0.00E+00	4.37E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.37E-03
1098	ALL	654310.1	4187848	NonCancer	0.00E+00	1.68E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1099	ALL	654330.1	4187848	NonCancer	0.00E+00	1.61E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03

1100	ALL	654350.1	4187848	NonCancer	0.00E+00	1.54E-04	3.85E-03	0.00E+00	0.00E+00	3.85E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.85E-03
1101	ALL	654370.1	4187848	NonCancer	0.00E+00	1.46E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
1102	ALL	654390.1	4187848	NonCancer	0.00E+00	1.38E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
1103	ALL	654410.1	4187848	NonCancer	0.00E+00	1.31E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1104	ALL	654430.1	4187848	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1105	ALL	654450.1	4187848	NonCancer	0.00E+00	1.26E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
1106	ALL	654470.1	4187848	NonCancer	0.00E+00	1.24E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1107	ALL	654490.1	4187848	NonCancer	0.00E+00	1.21E-04	3.02E-03	0.00E+00	0.00E+00	3.02E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
1108	ALL	653690.1	4187868	NonCancer	0.00E+00	1.62E-03	4.18E-02	0.00E+00	0.00E+00	4.18E-02	1.62E-03	0.00E+00	1.62E-03	0.00E+00	0.00E+00	4.18E-02	0.00E+00	0.00E+00	4.18E-02
1109	ALL	653710.1	4187868	NonCancer	0.00E+00	1.63E-03	4.22E-02	0.00E+00	0.00E+00	4.22E-02	1.63E-03	0.00E+00	1.63E-03	0.00E+00	0.00E+00	4.22E-02	0.00E+00	0.00E+00	4.22E-02
1110	ALL	653730.1	4187868	NonCancer	0.00E+00	1.79E-03	4.53E-02	0.00E+00	0.00E+00	4.53E-02	1.79E-03	0.00E+00	1.79E-03	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	4.53E-02
1111	ALL	653750.1	4187868	NonCancer	0.00E+00	1.76E-03	4.45E-02	0.00E+00	0.00E+00	4.45E-02	1.76E-03	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.45E-02	0.00E+00	0.00E+00	4.45E-02
1112	ALL	653770.1	4187868	NonCancer	0.00E+00	1.67E-03	4.19E-02	0.00E+00	0.00E+00	4.19E-02	1.67E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.19E-02	0.00E+00	0.00E+00	4.19E-02
1113	ALL	653790.1	4187868	NonCancer	0.00E+00	1.62E-03	3.99E-02	0.00E+00	0.00E+00	3.99E-02	1.62E-03	0.00E+00	1.62E-03	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	3.99E-02
1114	ALL	653810.1	4187868	NonCancer	0.00E+00	1.41E-03	3.50E-02	0.00E+00	0.00E+00	3.50E-02	1.41E-03	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.50E-02	0.00E+00	0.00E+00	3.50E-02
1115	ALL	653830.1	4187868	NonCancer	0.00E+00	1.30E-03	3.18E-02	0.00E+00	0.00E+00	3.18E-02	1.30E-03	0.00E+00	1.30E-03	0.00E+00	0.00E+00	3.18E-02	0.00E+00	0.00E+00	3.18E-02
1116	ALL	653850.1	4187868	NonCancer	0.00E+00	1.22E-03	3.00E-02	0.00E+00	0.00E+00	3.00E-02	1.22E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.00E-02	0.00E+00	0.00E+00	3.00E-02
1117	ALL	653870.1	4187868	NonCancer	0.00E+00	1.12E-03	2.75E-02	0.00E+00	0.00E+00	2.75E-02	1.12E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.75E-02	0.00E+00	0.00E+00	2.75E-02
1118	ALL	653890.1	4187868	NonCancer	0.00E+00	1.10E-03	2.69E-02	0.00E+00	0.00E+00	2.69E-02	1.10E-03	0.00E+00	1.10E-03	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	2.69E-02
1119	ALL	653910.1	4187868	NonCancer	0.00E+00	9.41E-04	2.32E-02	0.00E+00	0.00E+00	2.32E-02	9.41E-04	0.00E+00	9.41E-04	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.32E-02
1120	ALL	653930.1	4187868	NonCancer	0.00E+00	6.70E-04	1.70E-02	0.00E+00	0.00E+00	1.70E-02	6.70E-04	0.00E+00	6.70E-04	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.70E-02
1121	ALL	653950.1	4187868	NonCancer	0.00E+00	6.03E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	6.03E-04	0.00E+00	6.03E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1122	ALL	653970.1	4187868	NonCancer	0.00E+00	5.25E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.25E-04	0.00E+00	5.25E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1123	ALL	653990.1	4187868	NonCancer	0.00E+00	4.83E-04	1.19E-02	0.00E+00	0.00E+00	1.19E-02	4.83E-04	0.00E+00	4.83E-04	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.19E-02
1124	ALL	654010.1	4187868	NonCancer	0.00E+00	4.43E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.43E-04	0.00E+00	4.43E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
1125	ALL	654030.1	4187868	NonCancer	0.00E+00	3.84E-04	9.63E-03	0.00E+00	0.00E+00	9.63E-03	3.84E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	9.63E-03
1126	ALL	654050.1	4187868	NonCancer	0.00E+00	3.63E-04	9.01E-03	0.00E+00	0.00E+00	9.01E-03	3.63E-04	0.00E+00	3.63E-04	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	9.01E-03
1127	ALL	654070.1	4187868	NonCancer	0.00E+00	3.42E-04	8.48E-03	0.00E+00	0.00E+00	8.48E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	8.48E-03
1128	ALL	654090.1	4187868	NonCancer	0.00E+00	3.14E-04	7.83E-03	0.00E+00	0.00E+00	7.83E-03	3.14E-04	0.00E+00	3.14E-04	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.83E-03
1129	ALL	654110.1	4187868	NonCancer	0.00E+00	2.89E-04	7.24E-03	0.00E+00	0.00E+00	7.24E-03	2.89E-04	0.00E+00	2.89E-04	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	7.24E-03
1130	ALL	654130.1	4187868	NonCancer	0.00E+00	2.79E-04	6.93E-03	0.00E+00	0.00E+00	6.93E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	6.93E-03
1131	ALL	654150.1	4187868	NonCancer	0.00E+00	2.64E-04	6.57E-03	0.00E+00	0.00E+00	6.57E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	6.57E-03
1132	ALL	654170.1	4187868	NonCancer	0.00E+00	2.48E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
1133	ALL	654190.1	4187868	NonCancer	0.00E+00	2.29E-04	5.74E-03	0.00E+00	0.00E+00	5.74E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	5.74E-03
1134	ALL	654210.1	4187868	NonCancer	0.00E+00	2.18E-04	5.46E-03	0.00E+00	0.00E+00	5.46E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	5.46E-03
1135	ALL	654230.1	4187868	NonCancer	0.00E+00	2.07E-04	5.19E-03	0.00E+00	0.00E+00	5.19E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.19E-03
1136	ALL	654250.1	4187868	NonCancer	0.00E+00	1.96E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
1137	ALL	654270.1	4187868	NonCancer	0.00E+00	1.84E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
1138	ALL	654290.1	4187868	NonCancer	0.00E+00	1.72E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
1139	ALL	654310.1	4187868	NonCancer	0.00E+00	1.68E-04	4.22E-03	0.00E+00	0.00E+00	4.22E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.22E-03
1140	ALL	654330.1	4187868	NonCancer	0.00E+00	1.64E-04	4.09E-03	0.00E+00	0.00E+00	4.09E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.09E-03
1141	ALL	654350.1	4187868	NonCancer	0.00E+00	1.59E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1142	ALL	654370.1	4187868	NonCancer	0.00E+00	1.54E-04	3.85E-03	0.00E+00	0.00E+00	3.85E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.85E-03
1143	ALL	654390.1	4187868	NonCancer	0.00E+00	1.49E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
1144	ALL	654410.1	4187868	NonCancer	0.00E+00	1.44E-04	3.59E-03	0.00E+00	0.00E+00	3.59E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.59E-03
1145	ALL	654430.1	4187868	NonCancer	0.00E+00	1.38E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
1146	ALL	654450.1	4187868	NonCancer	0.00E+00	1.33E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
1147	ALL	654470.1	4187868	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
1148	ALL	654490.1	4187868	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
1149	ALL	653690.1	4187888	NonCancer	0.00E+00	1.91E-03	4.96E-02	0.00E+00	0.00E+00	4.96E-02	1.91E-03	0.00E+00	1.91E-03	0.00E+00	0.00E+00	4.96E-02	0.00E+00	0.00E+00	4.96E-02

1150	ALL	653830.1	4187888	NonCancer	0.00E+00	1.58E-03	3.85E-02	0.00E+00	0.00E+00	3.85E-02	1.58E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	3.85E-02	0.00E+00	0.00E+00	3.85E-02
1151	ALL	653850.1	4187888	NonCancer	0.00E+00	1.45E-03	3.56E-02	0.00E+00	0.00E+00	3.56E-02	1.45E-03	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.56E-02	0.00E+00	0.00E+00	3.56E-02
1152	ALL	653870.1	4187888	NonCancer	0.00E+00	1.34E-03	3.27E-02	0.00E+00	0.00E+00	3.27E-02	1.34E-03	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.27E-02	0.00E+00	0.00E+00	3.27E-02
1153	ALL	653890.1	4187888	NonCancer	0.00E+00	9.39E-04	2.35E-02	0.00E+00	0.00E+00	2.35E-02	9.39E-04	0.00E+00	9.39E-04	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	2.35E-02
1154	ALL	653910.1	4187888	NonCancer	0.00E+00	7.95E-04	1.95E-02	0.00E+00	0.00E+00	1.95E-02	7.95E-04	0.00E+00	7.95E-04	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.95E-02
1155	ALL	653930.1	4187888	NonCancer	0.00E+00	6.76E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.76E-04	0.00E+00	6.76E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
1156	ALL	653950.1	4187888	NonCancer	0.00E+00	6.18E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.18E-04	0.00E+00	6.18E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
1157	ALL	653970.1	4187888	NonCancer	0.00E+00	5.25E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.25E-04	0.00E+00	5.25E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1158	ALL	653990.1	4187888	NonCancer	0.00E+00	4.89E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
1159	ALL	654010.1	4187888	NonCancer	0.00E+00	4.47E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.47E-04	0.00E+00	4.47E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
1160	ALL	654030.1	4187888	NonCancer	0.00E+00	4.01E-04	9.97E-03	0.00E+00	0.00E+00	9.97E-03	4.01E-04	0.00E+00	4.01E-04	0.00E+00	0.00E+00	9.97E-03	0.00E+00	0.00E+00	9.97E-03
1161	ALL	654050.1	4187888	NonCancer	0.00E+00	3.81E-04	9.43E-03	0.00E+00	0.00E+00	9.43E-03	3.81E-04	0.00E+00	3.81E-04	0.00E+00	0.00E+00	9.43E-03	0.00E+00	0.00E+00	9.43E-03
1162	ALL	654070.1	4187888	NonCancer	0.00E+00	3.54E-04	8.77E-03	0.00E+00	0.00E+00	8.77E-03	3.54E-04	0.00E+00	3.54E-04	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	8.77E-03
1163	ALL	654090.1	4187888	NonCancer	0.00E+00	3.24E-04	8.08E-03	0.00E+00	0.00E+00	8.08E-03	3.24E-04	0.00E+00	3.24E-04	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	8.08E-03
1164	ALL	654110.1	4187888	NonCancer	0.00E+00	3.01E-04	7.51E-03	0.00E+00	0.00E+00	7.51E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	7.51E-03
1165	ALL	654130.1	4187888	NonCancer	0.00E+00	2.83E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.83E-04	0.00E+00	2.83E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
1166	ALL	654150.1	4187888	NonCancer	0.00E+00	2.62E-04	6.55E-03	0.00E+00	0.00E+00	6.55E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.55E-03
1167	ALL	654170.1	4187888	NonCancer	0.00E+00	2.42E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
1168	ALL	654190.1	4187888	NonCancer	0.00E+00	2.33E-04	5.83E-03	0.00E+00	0.00E+00	5.83E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	5.83E-03
1169	ALL	654210.1	4187888	NonCancer	0.00E+00	2.25E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
1170	ALL	654230.1	4187888	NonCancer	0.00E+00	2.16E-04	5.37E-03	0.00E+00	0.00E+00	5.37E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.37E-03
1171	ALL	654250.1	4187888	NonCancer	0.00E+00	2.07E-04	5.15E-03	0.00E+00	0.00E+00	5.15E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.15E-03
1172	ALL	654270.1	4187888	NonCancer	0.00E+00	1.98E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1173	ALL	654290.1	4187888	NonCancer	0.00E+00	1.88E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
1174	ALL	654310.1	4187888	NonCancer	0.00E+00	1.79E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
1175	ALL	654330.1	4187888	NonCancer	0.00E+00	1.69E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
1176	ALL	654350.1	4187888	NonCancer	0.00E+00	1.60E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
1177	ALL	654370.1	4187888	NonCancer	0.00E+00	1.52E-04	3.83E-03	0.00E+00	0.00E+00	3.83E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03
1178	ALL	654390.1	4187888	NonCancer	0.00E+00	1.46E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
1179	ALL	654410.1	4187888	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
1180	ALL	654430.1	4187888	NonCancer	0.00E+00	1.36E-04	3.42E-03	0.00E+00	0.00E+00	3.42E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	3.42E-03
1181	ALL	654450.1	4187888	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
1182	ALL	654470.1	4187888	NonCancer	0.00E+00	1.26E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
1183	ALL	654490.1	4187888	NonCancer	0.00E+00	1.21E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1184	ALL	653690.1	4187908	NonCancer	0.00E+00	2.40E-03	6.20E-02	0.00E+00	0.00E+00	6.20E-02	2.40E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	6.20E-02	0.00E+00	0.00E+00	6.20E-02
1185	ALL	653830.1	4187908	NonCancer	0.00E+00	2.04E-03	4.92E-02	0.00E+00	0.00E+00	4.92E-02	2.04E-03	0.00E+00	2.04E-03	0.00E+00	0.00E+00	4.92E-02	0.00E+00	0.00E+00	4.92E-02
1186	ALL	653850.1	4187908	NonCancer	0.00E+00	1.43E-03	3.52E-02	0.00E+00	0.00E+00	3.52E-02	1.43E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	3.52E-02
1187	ALL	653870.1	4187908	NonCancer	0.00E+00	1.11E-03	2.71E-02	0.00E+00	0.00E+00	2.71E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	2.71E-02
1188	ALL	653890.1	4187908	NonCancer	0.00E+00	9.50E-04	2.31E-02	0.00E+00	0.00E+00	2.31E-02	9.50E-04	0.00E+00	9.50E-04	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.31E-02
1189	ALL	653910.1	4187908	NonCancer	0.00E+00	7.82E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.82E-04	0.00E+00	7.82E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
1190	ALL	653930.1	4187908	NonCancer	0.00E+00	7.10E-04	1.74E-02	0.00E+00	0.00E+00	1.74E-02	7.10E-04	0.00E+00	7.10E-04	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.74E-02
1191	ALL	653950.1	4187908	NonCancer	0.00E+00	6.14E-04	1.51E-02	0.00E+00	0.00E+00	1.51E-02	6.14E-04	0.00E+00	6.14E-04	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.51E-02
1192	ALL	653970.1	4187908	NonCancer	0.00E+00	5.69E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.69E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
1193	ALL	653990.1	4187908	NonCancer	0.00E+00	5.12E-04	1.26E-02	0.00E+00	0.00E+00	1.26E-02	5.12E-04	0.00E+00	5.12E-04	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1194	ALL	654010.1	4187908	NonCancer	0.00E+00	4.58E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.58E-04	0.00E+00	4.58E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
1195	ALL	654030.1	4187908	NonCancer	0.00E+00	4.20E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.20E-04	0.00E+00	4.20E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1196	ALL	654050.1	4187908	NonCancer	0.00E+00	3.80E-04	9.46E-03	0.00E+00	0.00E+00	9.46E-03	3.80E-04	0.00E+00	3.80E-04	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	9.46E-03
1197	ALL	654070.1	4187908	NonCancer	0.00E+00	3.57E-04	8.86E-03	0.00E+00	0.00E+00	8.86E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	8.86E-03	0.00E+00	0.00E+00	8.86E-03
1198	ALL	654090.1	4187908	NonCancer	0.00E+00	3.38E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.38E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
1199	ALL	654110.1	4187908	NonCancer	0.00E+00	3.18E-04	7.87E-03	0.00E+00	0.00E+00	7.87E-03	3.18E-04	0.00E+00	3.18E-04	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.87E-03

1200	ALL	654130.1	4187908	NonCancer	0.00E+00	2.99E-04	7.40E-03	0.00E+00	0.00E+00	7.40E-03	2.99E-04	0.00E+00	2.99E-04	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	7.40E-03
1201	ALL	654150.1	4187908	NonCancer	0.00E+00	2.80E-04	6.95E-03	0.00E+00	0.00E+00	6.95E-03	2.80E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	6.95E-03
1202	ALL	654170.1	4187908	NonCancer	0.00E+00	2.61E-04	6.51E-03	0.00E+00	0.00E+00	6.51E-03	2.61E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	6.51E-03
1203	ALL	654190.1	4187908	NonCancer	0.00E+00	2.43E-04	6.08E-03	0.00E+00	0.00E+00	6.08E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	6.08E-03
1204	ALL	654210.1	4187908	NonCancer	0.00E+00	2.26E-04	5.68E-03	0.00E+00	0.00E+00	5.68E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	5.68E-03
1205	ALL	654230.1	4187908	NonCancer	0.00E+00	2.16E-04	5.41E-03	0.00E+00	0.00E+00	5.41E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.41E-03
1206	ALL	654250.1	4187908	NonCancer	0.00E+00	2.05E-04	5.14E-03	0.00E+00	0.00E+00	5.14E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.14E-03
1207	ALL	654270.1	4187908	NonCancer	0.00E+00	1.95E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
1208	ALL	654290.1	4187908	NonCancer	0.00E+00	1.85E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
1209	ALL	654310.1	4187908	NonCancer	0.00E+00	1.76E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
1210	ALL	654330.1	4187908	NonCancer	0.00E+00	1.67E-04	4.19E-03	0.00E+00	0.00E+00	4.19E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.19E-03
1211	ALL	654350.1	4187908	NonCancer	0.00E+00	1.58E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1212	ALL	654370.1	4187908	NonCancer	0.00E+00	1.50E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
1213	ALL	654390.1	4187908	NonCancer	0.00E+00	1.43E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
1214	ALL	654410.1	4187908	NonCancer	0.00E+00	1.36E-04	3.43E-03	0.00E+00	0.00E+00	3.43E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	3.43E-03
1215	ALL	654430.1	4187908	NonCancer	0.00E+00	1.29E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
1216	ALL	654450.1	4187908	NonCancer	0.00E+00	1.23E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
1217	ALL	654470.1	4187908	NonCancer	0.00E+00	1.17E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
1218	ALL	654490.1	4187908	NonCancer	0.00E+00	1.14E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
1219	ALL	653690.1	4187928	NonCancer	0.00E+00	3.28E-03	8.37E-02	0.00E+00	0.00E+00	8.37E-02	3.28E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	8.37E-02	0.00E+00	0.00E+00	8.37E-02
1220	ALL	653830.1	4187928	NonCancer	0.00E+00	1.74E-03	4.20E-02	0.00E+00	0.00E+00	4.20E-02	1.74E-03	0.00E+00	1.74E-03	0.00E+00	0.00E+00	4.20E-02	0.00E+00	0.00E+00	4.20E-02
1221	ALL	653850.1	4187928	NonCancer	0.00E+00	1.37E-03	3.33E-02	0.00E+00	0.00E+00	3.33E-02	1.37E-03	0.00E+00	1.37E-03	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.33E-02
1222	ALL	653870.1	4187928	NonCancer	0.00E+00	1.16E-03	2.80E-02	0.00E+00	0.00E+00	2.80E-02	1.16E-03	0.00E+00	1.16E-03	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	2.80E-02
1223	ALL	653890.1	4187928	NonCancer	0.00E+00	9.98E-04	2.42E-02	0.00E+00	0.00E+00	2.42E-02	9.98E-04	0.00E+00	9.98E-04	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	2.42E-02
1224	ALL	653910.1	4187928	NonCancer	0.00E+00	8.40E-04	2.05E-02	0.00E+00	0.00E+00	2.05E-02	8.40E-04	0.00E+00	8.40E-04	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.05E-02
1225	ALL	653930.1	4187928	NonCancer	0.00E+00	7.35E-04	1.80E-02	0.00E+00	0.00E+00	1.80E-02	7.35E-04	0.00E+00	7.35E-04	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.80E-02
1226	ALL	653950.1	4187928	NonCancer	0.00E+00	6.56E-04	1.61E-02	0.00E+00	0.00E+00	1.61E-02	6.56E-04	0.00E+00	6.56E-04	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.61E-02
1227	ALL	653970.1	4187928	NonCancer	0.00E+00	5.98E-04	1.47E-02	0.00E+00	0.00E+00	1.47E-02	5.98E-04	0.00E+00	5.98E-04	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.47E-02
1228	ALL	653990.1	4187928	NonCancer	0.00E+00	5.42E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.42E-04	0.00E+00	5.42E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
1229	ALL	654010.1	4187928	NonCancer	0.00E+00	4.88E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.88E-04	0.00E+00	4.88E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02
1230	ALL	654030.1	4187928	NonCancer	0.00E+00	4.40E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.40E-04	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1231	ALL	654050.1	4187928	NonCancer	0.00E+00	3.99E-04	9.93E-03	0.00E+00	0.00E+00	9.93E-03	3.99E-04	0.00E+00	3.99E-04	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	9.93E-03
1232	ALL	654070.1	4187928	NonCancer	0.00E+00	3.69E-04	9.20E-03	0.00E+00	0.00E+00	9.20E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.20E-03	0.00E+00	0.00E+00	9.20E-03
1233	ALL	654090.1	4187928	NonCancer	0.00E+00	3.42E-04	8.52E-03	0.00E+00	0.00E+00	8.52E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.52E-03	0.00E+00	0.00E+00	8.52E-03
1234	ALL	654110.1	4187928	NonCancer	0.00E+00	3.16E-04	7.89E-03	0.00E+00	0.00E+00	7.89E-03	3.16E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	7.89E-03
1235	ALL	654130.1	4187928	NonCancer	0.00E+00	2.92E-04	7.31E-03	0.00E+00	0.00E+00	7.31E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	7.31E-03
1236	ALL	654150.1	4187928	NonCancer	0.00E+00	2.70E-04	6.78E-03	0.00E+00	0.00E+00	6.78E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.78E-03
1237	ALL	654170.1	4187928	NonCancer	0.00E+00	2.51E-04	6.29E-03	0.00E+00	0.00E+00	6.29E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.29E-03
1238	ALL	654190.1	4187928	NonCancer	0.00E+00	2.33E-04	5.85E-03	0.00E+00	0.00E+00	5.85E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	5.85E-03
1239	ALL	654210.1	4187928	NonCancer	0.00E+00	2.16E-04	5.47E-03	0.00E+00	0.00E+00	5.47E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.47E-03
1240	ALL	654230.1	4187928	NonCancer	0.00E+00	2.06E-04	5.20E-03	0.00E+00	0.00E+00	5.20E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.20E-03
1241	ALL	654250.1	4187928	NonCancer	0.00E+00	1.96E-04	4.95E-03	0.00E+00	0.00E+00	4.95E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.95E-03
1242	ALL	654270.1	4187928	NonCancer	0.00E+00	1.87E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
1243	ALL	654290.1	4187928	NonCancer	0.00E+00	1.79E-04	4.50E-03	0.00E+00	0.00E+00	4.50E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.50E-03
1244	ALL	654310.1	4187928	NonCancer	0.00E+00	1.71E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
1245	ALL	654330.1	4187928	NonCancer	0.00E+00	1.63E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
1246	ALL	654350.1	4187928	NonCancer	0.00E+00	1.56E-04	3.92E-03	0.00E+00	0.00E+00	3.92E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.92E-03
1247	ALL	654370.1	4187928	NonCancer	0.00E+00	1.50E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
1248	ALL	654390.1	4187928	NonCancer	0.00E+00	1.44E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
1249	ALL	654410.1	4187928	NonCancer	0.00E+00	1.38E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03

1250	ALL	654430.1	4187928	NonCancer	0.00E+00	1.32E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
1251	ALL	654450.1	4187928	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
1252	ALL	654470.1	4187928	NonCancer	0.00E+00	1.22E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
1253	ALL	654490.1	4187928	NonCancer	0.00E+00	1.18E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
1254	ALL	653690.1	4187948	NonCancer	0.00E+00	5.24E-03	1.28E-01	0.00E+00	0.00E+00	1.28E-01	5.24E-03	0.00E+00	5.24E-03	0.00E+00	0.00E+00	1.28E-01	0.00E+00	0.00E+00	1.28E-01
1255	ALL	653830.1	4187948	NonCancer	0.00E+00	1.95E-03	4.64E-02	0.00E+00	0.00E+00	4.64E-02	1.95E-03	0.00E+00	1.95E-03	0.00E+00	0.00E+00	4.64E-02	0.00E+00	0.00E+00	4.64E-02
1256	ALL	653850.1	4187948	NonCancer	0.00E+00	1.57E-03	3.77E-02	0.00E+00	0.00E+00	3.77E-02	1.57E-03	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	3.77E-02
1257	ALL	653870.1	4187948	NonCancer	0.00E+00	1.26E-03	3.04E-02	0.00E+00	0.00E+00	3.04E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.04E-02	0.00E+00	0.00E+00	3.04E-02
1258	ALL	653890.1	4187948	NonCancer	0.00E+00	1.05E-03	2.54E-02	0.00E+00	0.00E+00	2.54E-02	1.05E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	2.54E-02
1259	ALL	653910.1	4187948	NonCancer	0.00E+00	8.86E-04	2.17E-02	0.00E+00	0.00E+00	2.17E-02	8.86E-04	0.00E+00	8.86E-04	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	2.17E-02
1260	ALL	653930.1	4187948	NonCancer	0.00E+00	7.56E-04	1.86E-02	0.00E+00	0.00E+00	1.86E-02	7.56E-04	0.00E+00	7.56E-04	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.86E-02
1261	ALL	653950.1	4187948	NonCancer	0.00E+00	6.51E-04	1.61E-02	0.00E+00	0.00E+00	1.61E-02	6.51E-04	0.00E+00	6.51E-04	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.61E-02
1262	ALL	653970.1	4187948	NonCancer	0.00E+00	5.80E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.80E-04	0.00E+00	5.80E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
1263	ALL	653990.1	4187948	NonCancer	0.00E+00	5.22E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.22E-04	0.00E+00	5.22E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1264	ALL	654010.1	4187948	NonCancer	0.00E+00	4.72E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.72E-04	0.00E+00	4.72E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
1265	ALL	654030.1	4187948	NonCancer	0.00E+00	4.30E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.30E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1266	ALL	654050.1	4187948	NonCancer	0.00E+00	3.93E-04	9.79E-03	0.00E+00	0.00E+00	9.79E-03	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	9.79E-03
1267	ALL	654070.1	4187948	NonCancer	0.00E+00	3.61E-04	9.00E-03	0.00E+00	0.00E+00	9.00E-03	3.61E-04	0.00E+00	3.61E-04	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	9.00E-03
1268	ALL	654090.1	4187948	NonCancer	0.00E+00	3.33E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.33E-04	0.00E+00	3.33E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
1269	ALL	654110.1	4187948	NonCancer	0.00E+00	3.08E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.08E-04	0.00E+00	3.08E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
1270	ALL	654130.1	4187948	NonCancer	0.00E+00	2.86E-04	7.14E-03	0.00E+00	0.00E+00	7.14E-03	2.86E-04	0.00E+00	2.86E-04	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	7.14E-03
1271	ALL	654150.1	4187948	NonCancer	0.00E+00	2.67E-04	6.65E-03	0.00E+00	0.00E+00	6.65E-03	2.67E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	6.65E-03
1272	ALL	654170.1	4187948	NonCancer	0.00E+00	2.49E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
1273	ALL	654190.1	4187948	NonCancer	0.00E+00	2.33E-04	5.85E-03	0.00E+00	0.00E+00	5.85E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	5.85E-03
1274	ALL	654210.1	4187948	NonCancer	0.00E+00	2.19E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
1275	ALL	654230.1	4187948	NonCancer	0.00E+00	2.07E-04	5.19E-03	0.00E+00	0.00E+00	5.19E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.19E-03
1276	ALL	654250.1	4187948	NonCancer	0.00E+00	1.95E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
1277	ALL	654270.1	4187948	NonCancer	0.00E+00	1.84E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
1278	ALL	654290.1	4187948	NonCancer	0.00E+00	1.75E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
1279	ALL	654310.1	4187948	NonCancer	0.00E+00	1.66E-04	4.18E-03	0.00E+00	0.00E+00	4.18E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	4.18E-03
1280	ALL	654330.1	4187948	NonCancer	0.00E+00	1.57E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1281	ALL	654350.1	4187948	NonCancer	0.00E+00	1.50E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
1282	ALL	654370.1	4187948	NonCancer	0.00E+00	1.43E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
1283	ALL	654390.1	4187948	NonCancer	0.00E+00	1.36E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
1284	ALL	654410.1	4187948	NonCancer	0.00E+00	1.30E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1285	ALL	654430.1	4187948	NonCancer	0.00E+00	1.25E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
1286	ALL	654450.1	4187948	NonCancer	0.00E+00	1.19E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1287	ALL	654470.1	4187948	NonCancer	0.00E+00	1.14E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
1288	ALL	654490.1	4187948	NonCancer	0.00E+00	1.10E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
1289	ALL	653690.1	4187968	NonCancer	0.00E+00	6.46E-03	1.68E-01	0.00E+00	0.00E+00	1.68E-01	6.46E-03	0.00E+00	6.46E-03	0.00E+00	0.00E+00	1.68E-01	0.00E+00	0.00E+00	1.68E-01
1290	ALL	653830.1	4187968	NonCancer	0.00E+00	2.14E-03	5.07E-02	0.00E+00	0.00E+00	5.07E-02	2.14E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	5.07E-02	0.00E+00	0.00E+00	5.07E-02
1291	ALL	653850.1	4187968	NonCancer	0.00E+00	1.65E-03	3.95E-02	0.00E+00	0.00E+00	3.95E-02	1.65E-03	0.00E+00	1.65E-03	0.00E+00	0.00E+00	3.95E-02	0.00E+00	0.00E+00	3.95E-02
1292	ALL	653870.1	4187968	NonCancer	0.00E+00	1.33E-03	3.19E-02	0.00E+00	0.00E+00	3.19E-02	1.33E-03	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.19E-02	0.00E+00	0.00E+00	3.19E-02
1293	ALL	653890.1	4187968	NonCancer	0.00E+00	1.09E-03	2.64E-02	0.00E+00	0.00E+00	2.64E-02	1.09E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	2.64E-02
1294	ALL	653910.1	4187968	NonCancer	0.00E+00	9.21E-04	2.24E-02	0.00E+00	0.00E+00	2.24E-02	9.21E-04	0.00E+00	9.21E-04	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	2.24E-02
1295	ALL	653930.1	4187968	NonCancer	0.00E+00	7.90E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.90E-04	0.00E+00	7.90E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
1296	ALL	653950.1	4187968	NonCancer	0.00E+00	6.87E-04	1.68E-02	0.00E+00	0.00E+00	1.68E-02	6.87E-04	0.00E+00	6.87E-04	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.68E-02
1297	ALL	653970.1	4187968	NonCancer	0.00E+00	6.06E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	6.06E-04	0.00E+00	6.06E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
1298	ALL	653990.1	4187968	NonCancer	0.00E+00	5.41E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.41E-04	0.00E+00	5.41E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
1299	ALL	654010.1	4187968	NonCancer	0.00E+00	4.87E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.87E-04	0.00E+00	4.87E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02

1300	ALL	654030.1	4187968	NonCancer	0.00E+00	4.41E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1301	ALL	654050.1	4187968	NonCancer	0.00E+00	4.03E-04	9.97E-03	0.00E+00	0.00E+00	9.97E-03	4.03E-04	0.00E+00	4.03E-04	0.00E+00	0.00E+00	9.97E-03	0.00E+00	0.00E+00	9.97E-03
1302	ALL	654070.1	4187968	NonCancer	0.00E+00	3.70E-04	9.17E-03	0.00E+00	0.00E+00	9.17E-03	3.70E-04	0.00E+00	3.70E-04	0.00E+00	0.00E+00	9.17E-03	0.00E+00	0.00E+00	9.17E-03
1303	ALL	654090.1	4187968	NonCancer	0.00E+00	3.42E-04	8.48E-03	0.00E+00	0.00E+00	8.48E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	8.48E-03
1304	ALL	654110.1	4187968	NonCancer	0.00E+00	3.17E-04	7.87E-03	0.00E+00	0.00E+00	7.87E-03	3.17E-04	0.00E+00	3.17E-04	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.87E-03
1305	ALL	654130.1	4187968	NonCancer	0.00E+00	2.95E-04	7.33E-03	0.00E+00	0.00E+00	7.33E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.33E-03	0.00E+00	0.00E+00	7.33E-03
1306	ALL	654150.1	4187968	NonCancer	0.00E+00	2.76E-04	6.85E-03	0.00E+00	0.00E+00	6.85E-03	2.76E-04	0.00E+00	2.76E-04	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	6.85E-03
1307	ALL	654170.1	4187968	NonCancer	0.00E+00	2.58E-04	6.42E-03	0.00E+00	0.00E+00	6.42E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	6.42E-03
1308	ALL	654190.1	4187968	NonCancer	0.00E+00	2.43E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
1309	ALL	654210.1	4187968	NonCancer	0.00E+00	2.29E-04	5.69E-03	0.00E+00	0.00E+00	5.69E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.69E-03
1310	ALL	654230.1	4187968	NonCancer	0.00E+00	2.16E-04	5.37E-03	0.00E+00	0.00E+00	5.37E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.37E-03
1311	ALL	654250.1	4187968	NonCancer	0.00E+00	2.04E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
1312	ALL	654270.1	4187968	NonCancer	0.00E+00	1.94E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
1313	ALL	654290.1	4187968	NonCancer	0.00E+00	1.84E-04	4.58E-03	0.00E+00	0.00E+00	4.58E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.58E-03
1314	ALL	654310.1	4187968	NonCancer	0.00E+00	1.75E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
1315	ALL	654330.1	4187968	NonCancer	0.00E+00	1.67E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
1316	ALL	654350.1	4187968	NonCancer	0.00E+00	1.60E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1317	ALL	654370.1	4187968	NonCancer	0.00E+00	1.53E-04	3.80E-03	0.00E+00	0.00E+00	3.80E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.80E-03
1318	ALL	654390.1	4187968	NonCancer	0.00E+00	1.46E-04	3.64E-03	0.00E+00	0.00E+00	3.64E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.64E-03
1319	ALL	654410.1	4187968	NonCancer	0.00E+00	1.40E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1320	ALL	654430.1	4187968	NonCancer	0.00E+00	1.35E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
1321	ALL	654450.1	4187968	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
1322	ALL	654470.1	4187968	NonCancer	0.00E+00	1.24E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
1323	ALL	654490.1	4187968	NonCancer	0.00E+00	1.20E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
1324	ALL	653690.1	4187988	NonCancer	0.00E+00	4.87E-03	1.37E-01	0.00E+00	0.00E+00	1.37E-01	4.87E-03	0.00E+00	4.87E-03	0.00E+00	0.00E+00	1.37E-01	0.00E+00	0.00E+00	1.37E-01
1325	ALL	653830.1	4187988	NonCancer	0.00E+00	1.94E-03	4.69E-02	0.00E+00	0.00E+00	4.69E-02	1.94E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	4.69E-02
1326	ALL	653850.1	4187988	NonCancer	0.00E+00	1.52E-03	3.70E-02	0.00E+00	0.00E+00	3.70E-02	1.52E-03	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.70E-02	0.00E+00	0.00E+00	3.70E-02
1327	ALL	653870.1	4187988	NonCancer	0.00E+00	1.25E-03	3.05E-02	0.00E+00	0.00E+00	3.05E-02	1.25E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	3.05E-02
1328	ALL	653890.1	4187988	NonCancer	0.00E+00	1.04E-03	2.56E-02	0.00E+00	0.00E+00	2.56E-02	1.04E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	2.56E-02
1329	ALL	653910.1	4187988	NonCancer	0.00E+00	8.96E-04	2.21E-02	0.00E+00	0.00E+00	2.21E-02	8.96E-04	0.00E+00	8.96E-04	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	2.21E-02
1330	ALL	653930.1	4187988	NonCancer	0.00E+00	7.78E-04	1.92E-02	0.00E+00	0.00E+00	1.92E-02	7.78E-04	0.00E+00	7.78E-04	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.92E-02
1331	ALL	653950.1	4187988	NonCancer	0.00E+00	6.80E-04	1.69E-02	0.00E+00	0.00E+00	1.69E-02	6.80E-04	0.00E+00	6.80E-04	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.69E-02
1332	ALL	653970.1	4187988	NonCancer	0.00E+00	6.00E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	6.00E-04	0.00E+00	6.00E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
1333	ALL	653990.1	4187988	NonCancer	0.00E+00	5.42E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.42E-04	0.00E+00	5.42E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
1334	ALL	654010.1	4187988	NonCancer	0.00E+00	4.91E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.91E-04	0.00E+00	4.91E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
1335	ALL	654030.1	4187988	NonCancer	0.00E+00	4.49E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.49E-04	0.00E+00	4.49E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
1336	ALL	654050.1	4187988	NonCancer	0.00E+00	4.16E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.16E-04	0.00E+00	4.16E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1337	ALL	654070.1	4187988	NonCancer	0.00E+00	3.86E-04	9.60E-03	0.00E+00	0.00E+00	9.60E-03	3.86E-04	0.00E+00	3.86E-04	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	9.60E-03
1338	ALL	654090.1	4187988	NonCancer	0.00E+00	3.59E-04	8.93E-03	0.00E+00	0.00E+00	8.93E-03	3.59E-04	0.00E+00	3.59E-04	0.00E+00	0.00E+00	8.93E-03	0.00E+00	0.00E+00	8.93E-03
1339	ALL	654110.1	4187988	NonCancer	0.00E+00	3.35E-04	8.32E-03	0.00E+00	0.00E+00	8.32E-03	3.35E-04	0.00E+00	3.35E-04	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.32E-03
1340	ALL	654130.1	4187988	NonCancer	0.00E+00	3.13E-04	7.77E-03	0.00E+00	0.00E+00	7.77E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	7.77E-03
1341	ALL	654150.1	4187988	NonCancer	0.00E+00	2.93E-04	7.28E-03	0.00E+00	0.00E+00	7.28E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	7.28E-03
1342	ALL	654170.1	4187988	NonCancer	0.00E+00	2.75E-04	6.84E-03	0.00E+00	0.00E+00	6.84E-03	2.75E-04	0.00E+00	2.75E-04	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.84E-03
1343	ALL	654190.1	4187988	NonCancer	0.00E+00	2.59E-04	6.43E-03	0.00E+00	0.00E+00	6.43E-03	2.59E-04	0.00E+00	2.59E-04	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	6.43E-03
1344	ALL	654210.1	4187988	NonCancer	0.00E+00	2.44E-04	6.06E-03	0.00E+00	0.00E+00	6.06E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	6.06E-03
1345	ALL	654230.1	4187988	NonCancer	0.00E+00	2.30E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.30E-04	0.00E+00	2.30E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
1346	ALL	654250.1	4187988	NonCancer	0.00E+00	2.18E-04	5.42E-03	0.00E+00	0.00E+00	5.42E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.42E-03
1347	ALL	654270.1	4187988	NonCancer	0.00E+00	2.06E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
1348	ALL	654290.1	4187988	NonCancer	0.00E+00	1.96E-04	4.87E-03	0.00E+00	0.00E+00	4.87E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.87E-03
1349	ALL	654310.1	4187988	NonCancer	0.00E+00	1.86E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03

1350	ALL	654330.1	4187988	NonCancer	0.00E+00	1.77E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
1351	ALL	654350.1	4187988	NonCancer	0.00E+00	1.69E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1352	ALL	654370.1	4187988	NonCancer	0.00E+00	1.61E-04	4.02E-03	0.00E+00	0.00E+00	4.02E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	4.02E-03
1353	ALL	654390.1	4187988	NonCancer	0.00E+00	1.54E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
1354	ALL	654410.1	4187988	NonCancer	0.00E+00	1.47E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
1355	ALL	654430.1	4187988	NonCancer	0.00E+00	1.41E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
1356	ALL	654450.1	4187988	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
1357	ALL	654470.1	4187988	NonCancer	0.00E+00	1.30E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1358	ALL	654490.1	4187988	NonCancer	0.00E+00	1.25E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
1359	ALL	653655.1	4187975	NonCancer	0.00E+00	3.23E-03	8.26E-02	0.00E+00	0.00E+00	8.26E-02	3.23E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	8.26E-02	0.00E+00	0.00E+00	8.26E-02
1360	ALL	653791.2	4188025	NonCancer	0.00E+00	2.06E-03	5.13E-02	0.00E+00	0.00E+00	5.13E-02	2.06E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	5.13E-02
1361	ALL	653828	4188054	NonCancer	0.00E+00	1.23E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.23E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1362	ALL	653851.7	4188037	NonCancer	0.00E+00	1.26E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1363	ALL	653905.3	4188036	NonCancer	0.00E+00	8.23E-04	2.04E-02	0.00E+00	0.00E+00	2.04E-02	8.23E-04	0.00E+00	8.23E-04	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	2.04E-02
1364	ALL	653749.8	4188104	NonCancer	0.00E+00	1.01E-03	2.72E-02	0.00E+00	0.00E+00	2.72E-02	1.01E-03	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.72E-02	0.00E+00	0.00E+00	2.72E-02
1365	ALL	653938.3	4188030	NonCancer	0.00E+00	6.90E-04	1.71E-02	0.00E+00	0.00E+00	1.71E-02	6.90E-04	0.00E+00	6.90E-04	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.71E-02
1366	ALL	653988.6	4188028	NonCancer	0.00E+00	5.31E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.31E-04	0.00E+00	5.31E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1367	ALL	654041.4	4188038	NonCancer	0.00E+00	4.11E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.11E-04	0.00E+00	4.11E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
1368	ALL	653989.9	4188052	NonCancer	0.00E+00	4.99E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.99E-04	0.00E+00	4.99E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
1369	ALL	653634	4187869	NonCancer	0.00E+00	1.34E-03	3.44E-02	0.00E+00	0.00E+00	3.44E-02	1.34E-03	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.44E-02	0.00E+00	0.00E+00	3.44E-02
1370	ALL	653624.7	4187963	NonCancer	0.00E+00	2.20E-03	5.67E-02	0.00E+00	0.00E+00	5.67E-02	2.20E-03	0.00E+00	2.20E-03	0.00E+00	0.00E+00	5.67E-02	0.00E+00	0.00E+00	5.67E-02
1371	ALL	653582.9	4187962	NonCancer	0.00E+00	1.45E-03	3.75E-02	0.00E+00	0.00E+00	3.75E-02	1.45E-03	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.75E-02	0.00E+00	0.00E+00	3.75E-02
1372	ALL	653701.2	4188101	NonCancer	0.00E+00	1.08E-03	2.94E-02	0.00E+00	0.00E+00	2.94E-02	1.08E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	2.94E-02
1373	ALL	654582.9	4187495	NonCancer	0.00E+00	1.04E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
1374	ALL	654554.3	4187451	NonCancer	0.00E+00	1.15E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1375	ALL	654607.7	4187450	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
1376	ALL	654492.6	4186914	NonCancer	0.00E+00	7.12E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.12E-05	0.00E+00	7.12E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
1377	ALL	654507.1	4186911	NonCancer	0.00E+00	6.75E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
1378	ALL	654509.1	4186964	NonCancer	0.00E+00	7.28E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.28E-05	0.00E+00	7.28E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
1379	ALL	653809.3	4186920	NonCancer	0.00E+00	1.01E-04	2.61E-03	0.00E+00	0.00E+00	2.61E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.61E-03
1380	ALL	654342.3	4186819	NonCancer	0.00E+00	6.48E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.48E-05	0.00E+00	6.48E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
1381	ALL	655092.5	4187198	NonCancer	0.00E+00	5.54E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.54E-05	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1382	ALL	654238.7	4186303	NonCancer	0.00E+00	4.97E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1383	ALL	655153.1	4188271	NonCancer	0.00E+00	4.94E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
1384	ALL	653689.1	4188009	NonCancer	0.00E+00	2.77E-03	7.93E-02	0.00E+00	0.00E+00	7.93E-02	2.77E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	7.93E-02	0.00E+00	0.00E+00	7.93E-02
1385	ALL	653683.7	4188032	NonCancer	0.00E+00	1.88E-03	5.39E-02	0.00E+00	0.00E+00	5.39E-02	1.88E-03	0.00E+00	1.88E-03	0.00E+00	0.00E+00	5.39E-02	0.00E+00	0.00E+00	5.39E-02
1386	ALL	653706.1	4188038	NonCancer	0.00E+00	1.96E-03	5.53E-02	0.00E+00	0.00E+00	5.53E-02	1.96E-03	0.00E+00	1.96E-03	0.00E+00	0.00E+00	5.53E-02	0.00E+00	0.00E+00	5.53E-02
1387	ALL	653679.4	4188057	NonCancer	0.00E+00	1.43E-03	3.99E-02	0.00E+00	0.00E+00	3.99E-02	1.43E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	3.99E-02
1388	ALL	653658.8	4188047	NonCancer	0.00E+00	1.47E-03	4.05E-02	0.00E+00	0.00E+00	4.05E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	4.05E-02
1389	ALL	653703	4188063	NonCancer	0.00E+00	1.41E-03	3.99E-02	0.00E+00	0.00E+00	3.99E-02	1.41E-03	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	3.99E-02
1390	ALL	653675.6	4188081	NonCancer	0.00E+00	1.19E-03	3.21E-02	0.00E+00	0.00E+00	3.21E-02	1.19E-03	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.21E-02	0.00E+00	0.00E+00	3.21E-02
1391	ALL	653653.7	4188071	NonCancer	0.00E+00	1.12E-03	3.12E-02	0.00E+00	0.00E+00	3.12E-02	1.12E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	3.12E-02
1392	ALL	653699.9	4188088	NonCancer	0.00E+00	1.14E-03	3.17E-02	0.00E+00	0.00E+00	3.17E-02	1.14E-03	0.00E+00	1.14E-03	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	3.17E-02
1393	ALL	653668.6	4188130	NonCancer	0.00E+00	8.30E-04	2.21E-02	0.00E+00	0.00E+00	2.21E-02	8.30E-04	0.00E+00	8.30E-04	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	2.21E-02
1394	ALL	653645.1	4188120	NonCancer	0.00E+00	7.80E-04	2.14E-02	0.00E+00	0.00E+00	2.14E-02	7.80E-04	0.00E+00	7.80E-04	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.14E-02
1395	ALL	653621.6	4188109	NonCancer	0.00E+00	7.66E-04	2.06E-02	0.00E+00	0.00E+00	2.06E-02	7.66E-04	0.00E+00	7.66E-04	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	2.06E-02
1396	ALL	653693.7	4188138	NonCancer	0.00E+00	8.10E-04	2.16E-02	0.00E+00	0.00E+00	2.16E-02	8.10E-04	0.00E+00	8.10E-04	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	2.16E-02
1397	ALL	653663.2	4188180	NonCancer	0.00E+00	5.48E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.48E-04	0.00E+00	5.48E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1398	ALL	653641.3	4188170	NonCancer	0.00E+00	6.22E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.22E-04	0.00E+00	6.22E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
1399	ALL	653619.3	4188160	NonCancer	0.00E+00	5.73E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	5.73E-04	0.00E+00	5.73E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02

1400	ALL	653597.4	4188150	NonCancer	0.00E+00	5.52E-04	1.47E-02	0.00E+00	0.00E+00	1.47E-02	5.52E-04	0.00E+00	5.52E-04	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.47E-02
1401	ALL	653575.4	4188140	NonCancer	0.00E+00	5.64E-04	1.50E-02	0.00E+00	0.00E+00	1.50E-02	5.64E-04	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.50E-02
1402	ALL	653687.5	4188187	NonCancer	0.00E+00	6.03E-04	1.59E-02	0.00E+00	0.00E+00	1.59E-02	6.03E-04	0.00E+00	6.03E-04	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.59E-02
1403	ALL	653656.5	4188230	NonCancer	0.00E+00	4.33E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.33E-04	0.00E+00	4.33E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
1404	ALL	653633.7	4188219	NonCancer	0.00E+00	4.80E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.80E-04	0.00E+00	4.80E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
1405	ALL	653610.8	4188209	NonCancer	0.00E+00	4.93E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	4.93E-04	0.00E+00	4.93E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1406	ALL	653587.9	4188198	NonCancer	0.00E+00	4.55E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.55E-04	0.00E+00	4.55E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
1407	ALL	653565.1	4188188	NonCancer	0.00E+00	4.28E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.28E-04	0.00E+00	4.28E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1408	ALL	653542.2	4188177	NonCancer	0.00E+00	4.39E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
1409	ALL	653681.2	4188237	NonCancer	0.00E+00	4.65E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.65E-04	0.00E+00	4.65E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
1410	ALL	653650	4188279	NonCancer	0.00E+00	3.52E-04	9.29E-03	0.00E+00	0.00E+00	9.29E-03	3.52E-04	0.00E+00	3.52E-04	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.29E-03
1411	ALL	653626.5	4188268	NonCancer	0.00E+00	3.53E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.53E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
1412	ALL	653603	4188258	NonCancer	0.00E+00	3.99E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	3.99E-04	0.00E+00	3.99E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
1413	ALL	653579.4	4188247	NonCancer	0.00E+00	3.80E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	3.80E-04	0.00E+00	3.80E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
1414	ALL	653555.9	4188236	NonCancer	0.00E+00	3.55E-04	9.32E-03	0.00E+00	0.00E+00	9.32E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	9.32E-03
1415	ALL	653532.4	4188225	NonCancer	0.00E+00	3.50E-04	9.10E-03	0.00E+00	0.00E+00	9.10E-03	3.50E-04	0.00E+00	3.50E-04	0.00E+00	0.00E+00	9.10E-03	0.00E+00	0.00E+00	9.10E-03
1416	ALL	653508.9	4188214	NonCancer	0.00E+00	3.54E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.54E-04	0.00E+00	3.54E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
1417	ALL	653675	4188286	NonCancer	0.00E+00	3.73E-04	9.80E-03	0.00E+00	0.00E+00	9.80E-03	3.73E-04	0.00E+00	3.73E-04	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	9.80E-03
1418	ALL	653643.6	4188329	NonCancer	0.00E+00	2.96E-04	7.76E-03	0.00E+00	0.00E+00	7.76E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	7.76E-03
1419	ALL	653619.5	4188318	NonCancer	0.00E+00	2.91E-04	7.67E-03	0.00E+00	0.00E+00	7.67E-03	2.91E-04	0.00E+00	2.91E-04	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	7.67E-03
1420	ALL	653595.5	4188307	NonCancer	0.00E+00	3.30E-04	8.44E-03	0.00E+00	0.00E+00	8.44E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.44E-03	0.00E+00	0.00E+00	8.44E-03
1421	ALL	653571.5	4188296	NonCancer	0.00E+00	3.31E-04	8.65E-03	0.00E+00	0.00E+00	8.65E-03	3.31E-04	0.00E+00	3.31E-04	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	8.65E-03
1422	ALL	653547.5	4188285	NonCancer	0.00E+00	2.97E-04	7.90E-03	0.00E+00	0.00E+00	7.90E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	7.90E-03
1423	ALL	653523.5	4188274	NonCancer	0.00E+00	2.90E-04	7.59E-03	0.00E+00	0.00E+00	7.59E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	7.59E-03
1424	ALL	653499.5	4188262	NonCancer	0.00E+00	2.95E-04	7.61E-03	0.00E+00	0.00E+00	7.61E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.61E-03	0.00E+00	0.00E+00	7.61E-03
1425	ALL	653475.5	4188251	NonCancer	0.00E+00	2.94E-04	7.67E-03	0.00E+00	0.00E+00	7.67E-03	2.94E-04	0.00E+00	2.94E-04	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	7.67E-03
1426	ALL	653668.8	4188336	NonCancer	0.00E+00	3.07E-04	8.05E-03	0.00E+00	0.00E+00	8.05E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.05E-03
1427	ALL	653631.4	4188428	NonCancer	0.00E+00	2.27E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
1428	ALL	653607.9	4188417	NonCancer	0.00E+00	2.16E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
1429	ALL	653584.3	4188406	NonCancer	0.00E+00	2.18E-04	5.61E-03	0.00E+00	0.00E+00	5.61E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	5.61E-03
1430	ALL	653560.8	4188396	NonCancer	0.00E+00	2.41E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
1431	ALL	653537.3	4188385	NonCancer	0.00E+00	2.41E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
1432	ALL	653513.8	4188374	NonCancer	0.00E+00	2.36E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
1433	ALL	653490.3	4188363	NonCancer	0.00E+00	2.22E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
1434	ALL	653466.7	4188352	NonCancer	0.00E+00	2.11E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
1435	ALL	653443.2	4188341	NonCancer	0.00E+00	2.11E-04	5.44E-03	0.00E+00	0.00E+00	5.44E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.44E-03
1436	ALL	653419.7	4188331	NonCancer	0.00E+00	2.19E-04	5.65E-03	0.00E+00	0.00E+00	5.65E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.65E-03
1437	ALL	653656.4	4188435	NonCancer	0.00E+00	2.22E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
1438	ALL	653618.6	4188527	NonCancer	0.00E+00	1.76E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
1439	ALL	653594.5	4188516	NonCancer	0.00E+00	1.67E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
1440	ALL	653570.3	4188505	NonCancer	0.00E+00	1.64E-04	4.27E-03	0.00E+00	0.00E+00	4.27E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.27E-03
1441	ALL	653546.2	4188494	NonCancer	0.00E+00	1.69E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
1442	ALL	653522	4188483	NonCancer	0.00E+00	1.90E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
1443	ALL	653497.9	4188472	NonCancer	0.00E+00	1.88E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
1444	ALL	653473.8	4188460	NonCancer	0.00E+00	1.88E-04	4.83E-03	0.00E+00	0.00E+00	4.83E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	4.83E-03
1445	ALL	653449.6	4188449	NonCancer	0.00E+00	1.69E-04	4.42E-03	0.00E+00	0.00E+00	4.42E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.42E-03
1446	ALL	653425.5	4188438	NonCancer	0.00E+00	1.67E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
1447	ALL	653401.3	4188427	NonCancer	0.00E+00	1.62E-04	4.18E-03	0.00E+00	0.00E+00	4.18E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	4.18E-03
1448	ALL	653377.2	4188416	NonCancer	0.00E+00	1.67E-04	4.28E-03	0.00E+00	0.00E+00	4.28E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.28E-03
1449	ALL	653353	4188405	NonCancer	0.00E+00	1.68E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03

1450	ALL	653644	4188534	NonCancer	0.00E+00	1.70E-04	4.43E-03	0.00E+00	0.00E+00	4.43E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	4.43E-03
1451	ALL	653606.4	4188626	NonCancer	0.00E+00	1.44E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
1452	ALL	653582.6	4188616	NonCancer	0.00E+00	1.40E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
1453	ALL	653558.8	4188605	NonCancer	0.00E+00	1.36E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
1454	ALL	653535.1	4188594	NonCancer	0.00E+00	1.31E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
1455	ALL	653511.3	4188583	NonCancer	0.00E+00	1.37E-04	3.51E-03	0.00E+00	0.00E+00	3.51E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	3.51E-03
1456	ALL	653487.5	4188572	NonCancer	0.00E+00	1.52E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
1457	ALL	653463.7	4188561	NonCancer	0.00E+00	1.55E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1458	ALL	653439.9	4188550	NonCancer	0.00E+00	1.54E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
1459	ALL	653416.1	4188539	NonCancer	0.00E+00	1.38E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
1460	ALL	653392.4	4188528	NonCancer	0.00E+00	1.38E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
1461	ALL	653368.6	4188517	NonCancer	0.00E+00	1.33E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
1462	ALL	653344.8	4188506	NonCancer	0.00E+00	1.31E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
1463	ALL	653321	4188495	NonCancer	0.00E+00	1.33E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
1464	ALL	653297.2	4188484	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
1465	ALL	653273.5	4188473	NonCancer	0.00E+00	1.34E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
1466	ALL	653631.6	4188634	NonCancer	0.00E+00	1.36E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
1467	ALL	653593.8	4188726	NonCancer	0.00E+00	1.19E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1468	ALL	653569.6	4188714	NonCancer	0.00E+00	1.18E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1469	ALL	653545.3	4188703	NonCancer	0.00E+00	1.13E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1470	ALL	653521.1	4188692	NonCancer	0.00E+00	1.11E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
1471	ALL	653496.9	4188681	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
1472	ALL	653472.7	4188670	NonCancer	0.00E+00	1.14E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1473	ALL	653448.5	4188659	NonCancer	0.00E+00	1.28E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
1474	ALL	653424.3	4188648	NonCancer	0.00E+00	1.29E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1475	ALL	653400.1	4188636	NonCancer	0.00E+00	1.27E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
1476	ALL	653375.9	4188625	NonCancer	0.00E+00	1.20E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
1477	ALL	653351.6	4188614	NonCancer	0.00E+00	1.13E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
1478	ALL	653327.4	4188603	NonCancer	0.00E+00	1.14E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1479	ALL	653303.2	4188592	NonCancer	0.00E+00	1.09E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1480	ALL	653279	4188581	NonCancer	0.00E+00	1.08E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
1481	ALL	653254.8	4188570	NonCancer	0.00E+00	1.12E-04	2.86E-03	0.00E+00	0.00E+00	2.86E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	2.86E-03
1482	ALL	653230.6	4188558	NonCancer	0.00E+00	1.15E-04	2.94E-03	0.00E+00	0.00E+00	2.94E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.94E-03
1483	ALL	653206.4	4188547	NonCancer	0.00E+00	1.12E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
1484	ALL	653619.1	4188733	NonCancer	0.00E+00	1.15E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
1485	ALL	653581.5	4188825	NonCancer	0.00E+00	9.89E-05	2.55E-03	0.00E+00	0.00E+00	2.55E-03	9.89E-05	0.00E+00	9.89E-05	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
1486	ALL	653557.6	4188814	NonCancer	0.00E+00	1.00E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1487	ALL	653533.6	4188803	NonCancer	0.00E+00	9.63E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1488	ALL	653509.7	4188792	NonCancer	0.00E+00	9.67E-05	2.50E-03	0.00E+00	0.00E+00	2.50E-03	9.67E-05	0.00E+00	9.67E-05	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	2.50E-03
1489	ALL	653485.8	4188781	NonCancer	0.00E+00	9.24E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.24E-05	0.00E+00	9.24E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1490	ALL	653461.9	4188770	NonCancer	0.00E+00	9.71E-05	2.47E-03	0.00E+00	0.00E+00	2.47E-03	9.71E-05	0.00E+00	9.71E-05	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	2.47E-03
1491	ALL	653438	4188759	NonCancer	0.00E+00	9.68E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.68E-05	0.00E+00	9.68E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
1492	ALL	653414	4188748	NonCancer	0.00E+00	1.08E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
1493	ALL	653390.1	4188737	NonCancer	0.00E+00	1.10E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1494	ALL	653366.2	4188726	NonCancer	0.00E+00	1.05E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03
1495	ALL	653342.3	4188715	NonCancer	0.00E+00	1.08E-04	2.76E-03	0.00E+00	0.00E+00	2.76E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	2.76E-03
1496	ALL	653318.3	4188704	NonCancer	0.00E+00	9.63E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1497	ALL	653294.4	4188693	NonCancer	0.00E+00	9.63E-05	2.46E-03	0.00E+00	0.00E+00	2.46E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
1498	ALL	653270.5	4188682	NonCancer	0.00E+00	9.56E-05	2.46E-03	0.00E+00	0.00E+00	2.46E-03	9.56E-05	0.00E+00	9.56E-05	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
1499	ALL	653246.6	4188671	NonCancer	0.00E+00	9.40E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.40E-05	0.00E+00	9.40E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03

1500	ALL	653222.6	4188660	NonCancer	0.00E+00	9.16E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.16E-05	0.00E+00	9.16E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
1501	ALL	653198.7	4188649	NonCancer	0.00E+00	9.38E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.38E-05	0.00E+00	9.38E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
1502	ALL	653174.8	4188638	NonCancer	0.00E+00	9.77E-05	2.49E-03	0.00E+00	0.00E+00	2.49E-03	9.77E-05	0.00E+00	9.77E-05	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	2.49E-03
1503	ALL	653150.9	4188627	NonCancer	0.00E+00	9.43E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.43E-05	0.00E+00	9.43E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
1504	ALL	653606.7	4188832	NonCancer	0.00E+00	9.82E-05	2.55E-03	0.00E+00	0.00E+00	2.55E-03	9.82E-05	0.00E+00	9.82E-05	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
1505	ALL	653550.3	4189073	NonCancer	0.00E+00	6.86E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.86E-05	0.00E+00	6.86E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1506	ALL	653526.2	4189062	NonCancer	0.00E+00	7.22E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.22E-05	0.00E+00	7.22E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1507	ALL	653502	4189051	NonCancer	0.00E+00	7.14E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.14E-05	0.00E+00	7.14E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1508	ALL	653477.9	4189040	NonCancer	0.00E+00	6.80E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.80E-05	0.00E+00	6.80E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1509	ALL	653453.7	4189028	NonCancer	0.00E+00	6.88E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.88E-05	0.00E+00	6.88E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1510	ALL	653429.6	4189017	NonCancer	0.00E+00	6.70E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.70E-05	0.00E+00	6.70E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
1511	ALL	653405.4	4189006	NonCancer	0.00E+00	6.58E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.58E-05	0.00E+00	6.58E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
1512	ALL	653381.3	4188995	NonCancer	0.00E+00	6.94E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1513	ALL	653357.1	4188984	NonCancer	0.00E+00	6.94E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1514	ALL	653333	4188973	NonCancer	0.00E+00	7.39E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.39E-05	0.00E+00	7.39E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1515	ALL	653308.8	4188962	NonCancer	0.00E+00	7.87E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	7.87E-05	0.00E+00	7.87E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1516	ALL	653284.7	4188951	NonCancer	0.00E+00	7.77E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.77E-05	0.00E+00	7.77E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1517	ALL	653260.5	4188940	NonCancer	0.00E+00	7.47E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.47E-05	0.00E+00	7.47E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1518	ALL	653236.4	4188928	NonCancer	0.00E+00	7.73E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.73E-05	0.00E+00	7.73E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1519	ALL	653212.2	4188917	NonCancer	0.00E+00	6.94E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
1520	ALL	653188.1	4188906	NonCancer	0.00E+00	6.89E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.89E-05	0.00E+00	6.89E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1521	ALL	653164	4188895	NonCancer	0.00E+00	6.90E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.90E-05	0.00E+00	6.90E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1522	ALL	653139.8	4188884	NonCancer	0.00E+00	7.62E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.62E-05	0.00E+00	7.62E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
1523	ALL	653115.7	4188873	NonCancer	0.00E+00	7.92E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	7.92E-05	0.00E+00	7.92E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1524	ALL	653091.5	4188862	NonCancer	0.00E+00	7.24E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1525	ALL	653067.4	4188851	NonCancer	0.00E+00	6.59E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.59E-05	0.00E+00	6.59E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
1526	ALL	653043.2	4188839	NonCancer	0.00E+00	6.73E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
1527	ALL	653019.1	4188828	NonCancer	0.00E+00	6.93E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.93E-05	0.00E+00	6.93E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1528	ALL	652994.9	4188817	NonCancer	0.00E+00	6.73E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
1529	ALL	652970.8	4188806	NonCancer	0.00E+00	6.72E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.72E-05	0.00E+00	6.72E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
1530	ALL	653575.7	4189080	NonCancer	0.00E+00	7.09E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.09E-05	0.00E+00	7.09E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1531	ALL	653519.4	4189321	NonCancer	0.00E+00	5.08E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.08E-05	0.00E+00	5.08E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1532	ALL	653495.5	4189310	NonCancer	0.00E+00	5.29E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
1533	ALL	653471.6	4189299	NonCancer	0.00E+00	5.52E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.52E-05	0.00E+00	5.52E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
1534	ALL	653447.7	4189288	NonCancer	0.00E+00	5.41E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
1535	ALL	653423.8	4189277	NonCancer	0.00E+00	5.16E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1536	ALL	653399.9	4189266	NonCancer	0.00E+00	5.17E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
1537	ALL	653376	4189255	NonCancer	0.00E+00	5.16E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1538	ALL	653352.1	4189244	NonCancer	0.00E+00	5.03E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1539	ALL	653328.2	4189233	NonCancer	0.00E+00	5.02E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
1540	ALL	653304.3	4189222	NonCancer	0.00E+00	5.29E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1541	ALL	653280.4	4189211	NonCancer	0.00E+00	5.31E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
1542	ALL	653256.5	4189200	NonCancer	0.00E+00	5.21E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1543	ALL	653232.6	4189189	NonCancer	0.00E+00	5.86E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
1544	ALL	653208.7	4189178	NonCancer	0.00E+00	5.95E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.95E-05	0.00E+00	5.95E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
1545	ALL	653184.8	4189167	NonCancer	0.00E+00	5.88E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.88E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
1546	ALL	653160.9	4189156	NonCancer	0.00E+00	5.66E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.66E-05	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1547	ALL	653137	4189145	NonCancer	0.00E+00	5.90E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.90E-05	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
1548	ALL	653113.1	4189134	NonCancer	0.00E+00	5.67E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
1549	ALL	653089.2	4189123	NonCancer	0.00E+00	5.16E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03

1550	ALL	653065.3	4189112	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
1551	ALL	653041.4	4189101	NonCancer	0.00E+00	5.29E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1552	ALL	653017.5	4189090	NonCancer	0.00E+00	6.31E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.31E-05	0.00E+00	6.31E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
1553	ALL	652993.6	4189079	NonCancer	0.00E+00	6.84E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
1554	ALL	652969.7	4189068	NonCancer	0.00E+00	6.73E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
1555	ALL	652945.8	4189057	NonCancer	0.00E+00	6.03E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
1556	ALL	652921.9	4189046	NonCancer	0.00E+00	5.07E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.07E-05	0.00E+00	5.07E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1557	ALL	652898	4189035	NonCancer	0.00E+00	5.03E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1558	ALL	652874.1	4189024	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1559	ALL	652850.2	4189013	NonCancer	0.00E+00	5.27E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.27E-05	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1560	ALL	652826.3	4189002	NonCancer	0.00E+00	5.08E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.08E-05	0.00E+00	5.08E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1561	ALL	652802.4	4188991	NonCancer	0.00E+00	5.10E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.10E-05	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1562	ALL	653544.6	4189328	NonCancer	0.00E+00	5.43E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
1563	ALL	653488.3	4189569	NonCancer	0.00E+00	3.92E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1564	ALL	653464.2	4189558	NonCancer	0.00E+00	4.14E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1565	ALL	653440.1	4189547	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
1566	ALL	653416.1	4189536	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
1567	ALL	653392	4189525	NonCancer	0.00E+00	4.27E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
1568	ALL	653368	4189514	NonCancer	0.00E+00	4.07E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1569	ALL	653343.9	4189503	NonCancer	0.00E+00	4.06E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1570	ALL	653319.9	4189492	NonCancer	0.00E+00	4.15E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.15E-05	0.00E+00	4.15E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1571	ALL	653295.8	4189480	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1572	ALL	653271.7	4189469	NonCancer	0.00E+00	3.90E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1573	ALL	653247.7	4189458	NonCancer	0.00E+00	4.01E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1574	ALL	653223.6	4189447	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1575	ALL	653199.6	4189436	NonCancer	0.00E+00	4.22E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
1576	ALL	653175.5	4189425	NonCancer	0.00E+00	4.07E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1577	ALL	653151.4	4189414	NonCancer	0.00E+00	4.50E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1578	ALL	653127.4	4189403	NonCancer	0.00E+00	4.76E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.76E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1579	ALL	653103.3	4189392	NonCancer	0.00E+00	4.75E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.75E-05	0.00E+00	4.75E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1580	ALL	653079.3	4189381	NonCancer	0.00E+00	4.60E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1581	ALL	653055.2	4189370	NonCancer	0.00E+00	4.51E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1582	ALL	653031.2	4189359	NonCancer	0.00E+00	4.69E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.69E-05	0.00E+00	4.69E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
1583	ALL	653007.1	4189348	NonCancer	0.00E+00	4.58E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
1584	ALL	652983	4189337	NonCancer	0.00E+00	4.11E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.11E-05	0.00E+00	4.11E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1585	ALL	652959	4189325	NonCancer	0.00E+00	4.16E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1586	ALL	652934.9	4189314	NonCancer	0.00E+00	4.08E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1587	ALL	652910.9	4189303	NonCancer	0.00E+00	4.78E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.78E-05	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
1588	ALL	652886.8	4189292	NonCancer	0.00E+00	5.59E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1589	ALL	652862.8	4189281	NonCancer	0.00E+00	6.04E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
1590	ALL	652838.7	4189270	NonCancer	0.00E+00	6.04E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
1591	ALL	652814.6	4189259	NonCancer	0.00E+00	5.59E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
1592	ALL	652790.6	4189248	NonCancer	0.00E+00	4.81E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1593	ALL	652766.5	4189237	NonCancer	0.00E+00	4.03E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1594	ALL	652742.5	4189226	NonCancer	0.00E+00	4.05E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.05E-05	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1595	ALL	652718.4	4189215	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1596	ALL	652694.4	4189204	NonCancer	0.00E+00	4.19E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.19E-05	0.00E+00	4.19E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1597	ALL	652670.3	4189193	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1598	ALL	652646.2	4189181	NonCancer	0.00E+00	4.07E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1599	ALL	653513.5	4189576	NonCancer	0.00E+00	4.34E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03

1600	ALL	653457.1	4189817	NonCancer	0.00E+00	3.26E-05	8.49E-04	0.00E+00	0.00E+00	8.49E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	8.49E-04
1601	ALL	653433	4189806	NonCancer	0.00E+00	3.34E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
1602	ALL	653408.8	4189795	NonCancer	0.00E+00	3.43E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
1603	ALL	653384.6	4189784	NonCancer	0.00E+00	3.61E-05	9.14E-04	0.00E+00	0.00E+00	9.14E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	9.14E-04
1604	ALL	653360.4	4189773	NonCancer	0.00E+00	3.54E-05	9.04E-04	0.00E+00	0.00E+00	9.04E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	9.04E-04
1605	ALL	653336.3	4189761	NonCancer	0.00E+00	3.49E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
1606	ALL	653312.1	4189750	NonCancer	0.00E+00	3.31E-05	8.60E-04	0.00E+00	0.00E+00	8.60E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.60E-04	0.00E+00	0.00E+00	8.60E-04
1607	ALL	653287.9	4189739	NonCancer	0.00E+00	3.29E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.29E-05	0.00E+00	3.29E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
1608	ALL	653263.8	4189728	NonCancer	0.00E+00	3.41E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
1609	ALL	653239.6	4189717	NonCancer	0.00E+00	3.31E-05	8.48E-04	0.00E+00	0.00E+00	8.48E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	8.48E-04
1610	ALL	653215.4	4189706	NonCancer	0.00E+00	3.27E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
1611	ALL	653191.2	4189695	NonCancer	0.00E+00	3.23E-05	8.27E-04	0.00E+00	0.00E+00	8.27E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	8.27E-04
1612	ALL	653167.1	4189684	NonCancer	0.00E+00	3.35E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
1613	ALL	653142.9	4189672	NonCancer	0.00E+00	3.47E-05	8.81E-04	0.00E+00	0.00E+00	8.81E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	8.81E-04
1614	ALL	653118.7	4189661	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
1615	ALL	653094.5	4189650	NonCancer	0.00E+00	3.34E-05	8.57E-04	0.00E+00	0.00E+00	8.57E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	8.57E-04
1616	ALL	653070.4	4189639	NonCancer	0.00E+00	3.56E-05	9.06E-04	0.00E+00	0.00E+00	9.06E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	9.06E-04
1617	ALL	653046.2	4189628	NonCancer	0.00E+00	3.85E-05	9.79E-04	0.00E+00	0.00E+00	9.79E-04	3.85E-05	0.00E+00	3.85E-05	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	9.79E-04
1618	ALL	653022	4189617	NonCancer	0.00E+00	3.89E-05	9.93E-04	0.00E+00	0.00E+00	9.93E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	9.93E-04
1619	ALL	652997.8	4189606	NonCancer	0.00E+00	3.89E-05	9.92E-04	0.00E+00	0.00E+00	9.92E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	9.92E-04
1620	ALL	652973.7	4189595	NonCancer	0.00E+00	3.69E-05	9.50E-04	0.00E+00	0.00E+00	9.50E-04	3.69E-05	0.00E+00	3.69E-05	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	9.50E-04
1621	ALL	652949.5	4189583	NonCancer	0.00E+00	3.70E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
1622	ALL	652925.3	4189572	NonCancer	0.00E+00	3.84E-05	9.76E-04	0.00E+00	0.00E+00	9.76E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	9.76E-04
1623	ALL	652901.1	4189561	NonCancer	0.00E+00	3.80E-05	9.70E-04	0.00E+00	0.00E+00	9.70E-04	3.80E-05	0.00E+00	3.80E-05	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	9.70E-04
1624	ALL	652877	4189550	NonCancer	0.00E+00	3.48E-05	9.03E-04	0.00E+00	0.00E+00	9.03E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04
1625	ALL	652852.8	4189539	NonCancer	0.00E+00	3.34E-05	8.62E-04	0.00E+00	0.00E+00	8.62E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.62E-04	0.00E+00	0.00E+00	8.62E-04
1626	ALL	652828.6	4189528	NonCancer	0.00E+00	3.42E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
1627	ALL	652804.4	4189517	NonCancer	0.00E+00	3.55E-05	9.32E-04	0.00E+00	0.00E+00	9.32E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.32E-04	0.00E+00	0.00E+00	9.32E-04
1628	ALL	652780.3	4189506	NonCancer	0.00E+00	4.36E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.36E-05	0.00E+00	4.36E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
1629	ALL	652756.1	4189494	NonCancer	0.00E+00	5.02E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
1630	ALL	652731.9	4189483	NonCancer	0.00E+00	5.41E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
1631	ALL	652707.7	4189472	NonCancer	0.00E+00	5.47E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.47E-05	0.00E+00	5.47E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1632	ALL	652683.6	4189461	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1633	ALL	652659.4	4189450	NonCancer	0.00E+00	4.62E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1634	ALL	652635.2	4189439	NonCancer	0.00E+00	3.88E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1635	ALL	652611	4189428	NonCancer	0.00E+00	3.30E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
1636	ALL	652586.9	4189416	NonCancer	0.00E+00	3.35E-05	8.68E-04	0.00E+00	0.00E+00	8.68E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	8.68E-04
1637	ALL	652562.7	4189405	NonCancer	0.00E+00	3.38E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
1638	ALL	652538.5	4189394	NonCancer	0.00E+00	3.44E-05	8.75E-04	0.00E+00	0.00E+00	8.75E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	8.75E-04
1639	ALL	652514.4	4189383	NonCancer	0.00E+00	3.34E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
1640	ALL	652490.2	4189372	NonCancer	0.00E+00	3.31E-05	8.46E-04	0.00E+00	0.00E+00	8.46E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	8.46E-04
1641	ALL	652466	4189361	NonCancer	0.00E+00	3.32E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
1642	ALL	653482.5	4189824	NonCancer	0.00E+00	3.57E-05	9.14E-04	0.00E+00	0.00E+00	9.14E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	9.14E-04
1643	ALL	653395.1	4190313	NonCancer	0.00E+00	2.41E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
1644	ALL	653371	4190302	NonCancer	0.00E+00	2.30E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
1645	ALL	653346.9	4190291	NonCancer	0.00E+00	2.41E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
1646	ALL	653322.7	4190280	NonCancer	0.00E+00	2.45E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
1647	ALL	653298.6	4190269	NonCancer	0.00E+00	2.58E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
1648	ALL	653274.5	4190258	NonCancer	0.00E+00	2.59E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
1649	ALL	653250.4	4190247	NonCancer	0.00E+00	2.51E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04

1650	ALL	653226.3	4190236	NonCancer	0.00E+00	2.48E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
1651	ALL	653202.2	4190224	NonCancer	0.00E+00	2.36E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
1652	ALL	653178.1	4190213	NonCancer	0.00E+00	2.59E-05	6.58E-04	0.00E+00	0.00E+00	6.58E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	6.58E-04
1653	ALL	653154	4190202	NonCancer	0.00E+00	2.78E-05	7.00E-04	0.00E+00	0.00E+00	7.00E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	7.00E-04
1654	ALL	653129.9	4190191	NonCancer	0.00E+00	2.82E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
1655	ALL	653105.8	4190180	NonCancer	0.00E+00	2.70E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
1656	ALL	653081.7	4190169	NonCancer	0.00E+00	2.42E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
1657	ALL	653057.6	4190158	NonCancer	0.00E+00	2.31E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
1658	ALL	653033.5	4190147	NonCancer	0.00E+00	2.35E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
1659	ALL	653009.4	4190136	NonCancer	0.00E+00	2.45E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
1660	ALL	652985.2	4190125	NonCancer	0.00E+00	2.50E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
1661	ALL	652961.1	4190113	NonCancer	0.00E+00	2.50E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
1662	ALL	652937	4190102	NonCancer	0.00E+00	2.47E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
1663	ALL	652912.9	4190091	NonCancer	0.00E+00	2.44E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
1664	ALL	652888.8	4190080	NonCancer	0.00E+00	2.86E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
1665	ALL	652864.7	4190069	NonCancer	0.00E+00	3.13E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
1666	ALL	652840.6	4190058	NonCancer	0.00E+00	3.20E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
1667	ALL	652816.5	4190047	NonCancer	0.00E+00	3.06E-05	7.79E-04	0.00E+00	0.00E+00	7.79E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	7.79E-04
1668	ALL	652792.4	4190036	NonCancer	0.00E+00	2.79E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.79E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
1669	ALL	652768.3	4190025	NonCancer	0.00E+00	2.60E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
1670	ALL	652744.2	4190014	NonCancer	0.00E+00	2.66E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
1671	ALL	652720.1	4190003	NonCancer	0.00E+00	2.73E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
1672	ALL	652696	4189991	NonCancer	0.00E+00	2.78E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
1673	ALL	652671.9	4189980	NonCancer	0.00E+00	2.67E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
1674	ALL	652647.8	4189969	NonCancer	0.00E+00	2.44E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
1675	ALL	652623.6	4189958	NonCancer	0.00E+00	2.68E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
1676	ALL	652599.5	4189947	NonCancer	0.00E+00	2.87E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.87E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
1677	ALL	652575.4	4189936	NonCancer	0.00E+00	2.84E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.84E-05	0.00E+00	2.84E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
1678	ALL	652551.3	4189925	NonCancer	0.00E+00	2.96E-05	7.77E-04	0.00E+00	0.00E+00	7.77E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	7.77E-04
1679	ALL	652527.2	4189914	NonCancer	0.00E+00	3.54E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
1680	ALL	652503.1	4189903	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1681	ALL	652479	4189892	NonCancer	0.00E+00	4.41E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
1682	ALL	652454.9	4189880	NonCancer	0.00E+00	4.59E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.59E-05	0.00E+00	4.59E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
1683	ALL	652430.8	4189869	NonCancer	0.00E+00	4.57E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1684	ALL	652406.7	4189858	NonCancer	0.00E+00	4.34E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
1685	ALL	652382.6	4189847	NonCancer	0.00E+00	3.94E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1686	ALL	652358.5	4189836	NonCancer	0.00E+00	3.43E-05	9.02E-04	0.00E+00	0.00E+00	9.02E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	9.02E-04
1687	ALL	652334.4	4189825	NonCancer	0.00E+00	2.85E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	2.85E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
1688	ALL	652310.3	4189814	NonCancer	0.00E+00	2.42E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
1689	ALL	652286.1	4189803	NonCancer	0.00E+00	2.41E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
1690	ALL	652262	4189792	NonCancer	0.00E+00	2.45E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
1691	ALL	652237.9	4189781	NonCancer	0.00E+00	2.44E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
1692	ALL	652213.8	4189769	NonCancer	0.00E+00	2.47E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
1693	ALL	652189.7	4189758	NonCancer	0.00E+00	2.39E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
1694	ALL	652165.6	4189747	NonCancer	0.00E+00	2.36E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
1695	ALL	652141.5	4189736	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
1696	ALL	653420.4	4190320	NonCancer	0.00E+00	2.58E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
1697	ALL	653332.9	4190809	NonCancer	0.00E+00	1.88E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
1698	ALL	653308.6	4190798	NonCancer	0.00E+00	1.72E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
1699	ALL	653284.4	4190787	NonCancer	0.00E+00	1.78E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04

1700	ALL	653260.1	4190776	NonCancer	0.00E+00	1.84E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
1701	ALL	653235.9	4190765	NonCancer	0.00E+00	1.87E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1702	ALL	653211.6	4190754	NonCancer	0.00E+00	1.97E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
1703	ALL	653187.4	4190742	NonCancer	0.00E+00	1.99E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
1704	ALL	653163.1	4190731	NonCancer	0.00E+00	1.94E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
1705	ALL	653138.9	4190720	NonCancer	0.00E+00	1.91E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1706	ALL	653114.6	4190709	NonCancer	0.00E+00	1.87E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
1707	ALL	653090.4	4190698	NonCancer	0.00E+00	1.90E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1708	ALL	653066.1	4190687	NonCancer	0.00E+00	2.15E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
1709	ALL	653041.9	4190675	NonCancer	0.00E+00	2.34E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
1710	ALL	653017.6	4190664	NonCancer	0.00E+00	2.43E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
1711	ALL	652993.4	4190653	NonCancer	0.00E+00	2.41E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
1712	ALL	652969.1	4190642	NonCancer	0.00E+00	2.27E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
1713	ALL	652944.9	4190631	NonCancer	0.00E+00	2.05E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
1714	ALL	652920.6	4190620	NonCancer	0.00E+00	1.83E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
1715	ALL	652896.4	4190608	NonCancer	0.00E+00	1.80E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1716	ALL	652872.1	4190597	NonCancer	0.00E+00	1.80E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
1717	ALL	652847.9	4190586	NonCancer	0.00E+00	1.90E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
1718	ALL	652823.6	4190575	NonCancer	0.00E+00	1.91E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
1719	ALL	652799.4	4190564	NonCancer	0.00E+00	1.91E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
1720	ALL	652775.1	4190553	NonCancer	0.00E+00	1.90E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
1721	ALL	652750.9	4190541	NonCancer	0.00E+00	1.88E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1722	ALL	652726.6	4190530	NonCancer	0.00E+00	2.25E-05	5.74E-04	0.00E+00	0.00E+00	5.74E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	5.74E-04
1723	ALL	652702.4	4190519	NonCancer	0.00E+00	2.55E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04
1724	ALL	652678.1	4190508	NonCancer	0.00E+00	2.73E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
1725	ALL	652653.9	4190497	NonCancer	0.00E+00	2.78E-05	7.02E-04	0.00E+00	0.00E+00	7.02E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	7.02E-04
1726	ALL	652629.6	4190486	NonCancer	0.00E+00	2.68E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
1727	ALL	652605.4	4190474	NonCancer	0.00E+00	2.45E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
1728	ALL	652581.1	4190463	NonCancer	0.00E+00	2.13E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
1729	ALL	652556.9	4190452	NonCancer	0.00E+00	2.00E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
1730	ALL	652532.6	4190441	NonCancer	0.00E+00	2.04E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
1731	ALL	652508.4	4190430	NonCancer	0.00E+00	2.08E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
1732	ALL	652484.1	4190419	NonCancer	0.00E+00	2.13E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
1733	ALL	652459.9	4190407	NonCancer	0.00E+00	2.08E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
1734	ALL	652435.6	4190396	NonCancer	0.00E+00	1.96E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
1735	ALL	652411.4	4190385	NonCancer	0.00E+00	2.07E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04
1736	ALL	652387.1	4190374	NonCancer	0.00E+00	2.35E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
1737	ALL	652362.9	4190363	NonCancer	0.00E+00	2.50E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
1738	ALL	652338.6	4190352	NonCancer	0.00E+00	2.48E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
1739	ALL	652314.4	4190340	NonCancer	0.00E+00	2.35E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
1740	ALL	652290.1	4190329	NonCancer	0.00E+00	2.68E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
1741	ALL	652265.9	4190318	NonCancer	0.00E+00	3.11E-05	8.02E-04	0.00E+00	0.00E+00	8.02E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
1742	ALL	652241.6	4190307	NonCancer	0.00E+00	3.49E-05	8.90E-04	0.00E+00	0.00E+00	8.90E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.90E-04	0.00E+00	0.00E+00	8.90E-04
1743	ALL	652217.4	4190296	NonCancer	0.00E+00	3.78E-05	9.57E-04	0.00E+00	0.00E+00	9.57E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	9.57E-04
1744	ALL	652193.1	4190285	NonCancer	0.00E+00	3.95E-05	9.97E-04	0.00E+00	0.00E+00	9.97E-04	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	9.97E-04
1745	ALL	652168.9	4190274	NonCancer	0.00E+00	3.98E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1746	ALL	652144.6	4190262	NonCancer	0.00E+00	3.87E-05	9.82E-04	0.00E+00	0.00E+00	9.82E-04	3.87E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	9.82E-04
1747	ALL	652120.4	4190251	NonCancer	0.00E+00	3.64E-05	9.30E-04	0.00E+00	0.00E+00	9.30E-04	3.64E-05	0.00E+00	3.64E-05	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.30E-04
1748	ALL	652096.1	4190240	NonCancer	0.00E+00	3.30E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
1749	ALL	652071.9	4190229	NonCancer	0.00E+00	2.89E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04

1750	ALL	652047.6	4190218	NonCancer	0.00E+00	2.45E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
1751	ALL	652023.4	4190207	NonCancer	0.00E+00	2.01E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
1752	ALL	651999.1	4190195	NonCancer	0.00E+00	1.86E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
1753	ALL	651974.9	4190184	NonCancer	0.00E+00	1.87E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
1754	ALL	651950.6	4190173	NonCancer	0.00E+00	1.88E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
1755	ALL	651926.4	4190162	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
1756	ALL	651902.1	4190151	NonCancer	0.00E+00	1.89E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
1757	ALL	651877.9	4190140	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
1758	ALL	651853.6	4190128	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
1759	ALL	651829.4	4190117	NonCancer	0.00E+00	1.81E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
1760	ALL	651805.1	4190106	NonCancer	0.00E+00	1.83E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1761	ALL	653358.3	4190817	NonCancer	0.00E+00	1.98E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
1762	ALL	653270.8	4191305	NonCancer	0.00E+00	1.52E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
1763	ALL	653246.6	4191294	NonCancer	0.00E+00	1.41E-05	3.67E-04	0.00E+00	0.00E+00	3.67E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
1764	ALL	653222.4	4191283	NonCancer	0.00E+00	1.36E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
1765	ALL	653198.2	4191272	NonCancer	0.00E+00	1.42E-05	3.63E-04	0.00E+00	0.00E+00	3.63E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	3.63E-04
1766	ALL	653174	4191261	NonCancer	0.00E+00	1.47E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
1767	ALL	653149.8	4191250	NonCancer	0.00E+00	1.49E-05	3.79E-04	0.00E+00	0.00E+00	3.79E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	3.79E-04
1768	ALL	653125.7	4191239	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
1769	ALL	653101.5	4191228	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
1770	ALL	653077.3	4191216	NonCancer	0.00E+00	1.57E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
1771	ALL	653053.1	4191205	NonCancer	0.00E+00	1.51E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
1772	ALL	653028.9	4191194	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
1773	ALL	653004.7	4191183	NonCancer	0.00E+00	1.47E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
1774	ALL	652980.5	4191172	NonCancer	0.00E+00	1.63E-05	4.19E-04	0.00E+00	0.00E+00	4.19E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	4.19E-04
1775	ALL	652956.3	4191161	NonCancer	0.00E+00	1.85E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
1776	ALL	652932.1	4191150	NonCancer	0.00E+00	2.02E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
1777	ALL	652907.9	4191138	NonCancer	0.00E+00	2.13E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
1778	ALL	652883.7	4191127	NonCancer	0.00E+00	2.17E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
1779	ALL	652859.6	4191116	NonCancer	0.00E+00	2.12E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
1780	ALL	652835.4	4191105	NonCancer	0.00E+00	2.00E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
1781	ALL	652811.2	4191094	NonCancer	0.00E+00	1.81E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
1782	ALL	652787	4191083	NonCancer	0.00E+00	1.63E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
1783	ALL	652762.8	4191072	NonCancer	0.00E+00	1.59E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
1784	ALL	652738.6	4191060	NonCancer	0.00E+00	1.49E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
1785	ALL	652714.4	4191049	NonCancer	0.00E+00	1.47E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
1786	ALL	652690.2	4191038	NonCancer	0.00E+00	1.53E-05	3.86E-04	0.00E+00	0.00E+00	3.86E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	3.86E-04
1787	ALL	652666	4191027	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
1788	ALL	652641.8	4191016	NonCancer	0.00E+00	1.52E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
1789	ALL	652617.6	4191005	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
1790	ALL	652593.4	4190994	NonCancer	0.00E+00	1.50E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
1791	ALL	652569.3	4190983	NonCancer	0.00E+00	1.75E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
1792	ALL	652545.1	4190971	NonCancer	0.00E+00	2.03E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
1793	ALL	652520.9	4190960	NonCancer	0.00E+00	2.27E-05	5.73E-04	0.00E+00	0.00E+00	5.73E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	5.73E-04
1794	ALL	652496.7	4190949	NonCancer	0.00E+00	2.42E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
1795	ALL	652472.5	4190938	NonCancer	0.00E+00	2.47E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
1796	ALL	652448.3	4190927	NonCancer	0.00E+00	2.42E-05	6.14E-04	0.00E+00	0.00E+00	6.14E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	6.14E-04
1797	ALL	652424.1	4190916	NonCancer	0.00E+00	2.28E-05	5.82E-04	0.00E+00	0.00E+00	5.82E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	5.82E-04
1798	ALL	652399.9	4190905	NonCancer	0.00E+00	2.05E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
1799	ALL	652375.7	4190893	NonCancer	0.00E+00	1.77E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04

1800	ALL	652351.5	4190882	NonCancer	0.00E+00	1.61E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
1801	ALL	652327.3	4190871	NonCancer	0.00E+00	1.64E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
1802	ALL	652303.2	4190860	NonCancer	0.00E+00	1.64E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
1803	ALL	652279	4190849	NonCancer	0.00E+00	1.69E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
1804	ALL	652254.8	4190838	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
1805	ALL	652230.6	4190827	NonCancer	0.00E+00	1.63E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
1806	ALL	652206.4	4190815	NonCancer	0.00E+00	1.53E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
1807	ALL	652182.2	4190804	NonCancer	0.00E+00	1.80E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
1808	ALL	652158	4190793	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1809	ALL	652133.8	4190782	NonCancer	0.00E+00	2.19E-05	5.52E-04	0.00E+00	0.00E+00	5.52E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	5.52E-04
1810	ALL	652109.6	4190771	NonCancer	0.00E+00	2.23E-05	5.63E-04	0.00E+00	0.00E+00	5.63E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	5.63E-04
1811	ALL	652085.4	4190760	NonCancer	0.00E+00	2.16E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
1812	ALL	652061.2	4190749	NonCancer	0.00E+00	2.02E-05	5.34E-04	0.00E+00	0.00E+00	5.34E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
1813	ALL	652037	4190738	NonCancer	0.00E+00	2.32E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
1814	ALL	652012.9	4190726	NonCancer	0.00E+00	2.66E-05	6.90E-04	0.00E+00	0.00E+00	6.90E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	6.90E-04
1815	ALL	651988.7	4190715	NonCancer	0.00E+00	2.98E-05	7.63E-04	0.00E+00	0.00E+00	7.63E-04	2.98E-05	0.00E+00	2.98E-05	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
1816	ALL	651964.5	4190704	NonCancer	0.00E+00	3.24E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
1817	ALL	651940.3	4190693	NonCancer	0.00E+00	3.43E-05	8.65E-04	0.00E+00	0.00E+00	8.65E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	8.65E-04
1818	ALL	651916.1	4190682	NonCancer	0.00E+00	3.52E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
1819	ALL	651891.9	4190671	NonCancer	0.00E+00	3.51E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
1820	ALL	651867.7	4190660	NonCancer	0.00E+00	3.41E-05	8.64E-04	0.00E+00	0.00E+00	8.64E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	8.64E-04
1821	ALL	651843.5	4190648	NonCancer	0.00E+00	3.21E-05	8.22E-04	0.00E+00	0.00E+00	8.22E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	8.22E-04
1822	ALL	651819.3	4190637	NonCancer	0.00E+00	2.95E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
1823	ALL	651795.1	4190626	NonCancer	0.00E+00	2.63E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
1824	ALL	651770.9	4190615	NonCancer	0.00E+00	2.29E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
1825	ALL	651746.8	4190604	NonCancer	0.00E+00	1.94E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
1826	ALL	651722.6	4190593	NonCancer	0.00E+00	1.60E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
1827	ALL	651698.4	4190582	NonCancer	0.00E+00	1.50E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
1828	ALL	651674.2	4190570	NonCancer	0.00E+00	1.49E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
1829	ALL	651650	4190559	NonCancer	0.00E+00	1.50E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
1830	ALL	651625.8	4190548	NonCancer	0.00E+00	1.48E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
1831	ALL	651601.6	4190537	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
1832	ALL	651577.4	4190526	NonCancer	0.00E+00	1.50E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
1833	ALL	651553.2	4190515	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
1834	ALL	651529	4190504	NonCancer	0.00E+00	1.44E-05	3.67E-04	0.00E+00	0.00E+00	3.67E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
1835	ALL	651504.8	4190493	NonCancer	0.00E+00	1.43E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
1836	ALL	651480.7	4190481	NonCancer	0.00E+00	1.46E-05	3.71E-04	0.00E+00	0.00E+00	3.71E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	3.71E-04
1837	ALL	651456.5	4190470	NonCancer	0.00E+00	1.45E-05	3.69E-04	0.00E+00	0.00E+00	3.69E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
1838	ALL	653296.2	4191313	NonCancer	0.00E+00	1.58E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
1839	ALL	653208.7	4191802	NonCancer	0.00E+00	1.25E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1840	ALL	653184.6	4191791	NonCancer	0.00E+00	1.18E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
1841	ALL	653160.4	4191779	NonCancer	0.00E+00	1.12E-05	2.90E-04	0.00E+00	0.00E+00	2.90E-04	1.12E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	2.90E-04
1842	ALL	653136.3	4191768	NonCancer	0.00E+00	1.13E-05	2.91E-04	0.00E+00	0.00E+00	2.91E-04	1.13E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	2.91E-04
1843	ALL	653112.1	4191757	NonCancer	0.00E+00	1.17E-05	2.99E-04	0.00E+00	0.00E+00	2.99E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.99E-04
1844	ALL	653088	4191746	NonCancer	0.00E+00	1.21E-05	3.07E-04	0.00E+00	0.00E+00	3.07E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
1845	ALL	653063.8	4191735	NonCancer	0.00E+00	1.26E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1846	ALL	653039.7	4191724	NonCancer	0.00E+00	1.33E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
1847	ALL	653015.5	4191713	NonCancer	0.00E+00	1.36E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
1848	ALL	652991.4	4191702	NonCancer	0.00E+00	1.36E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
1849	ALL	652967.2	4191690	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04

1850	ALL	652943.1	4191679	NonCancer	0.00E+00	1.25E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1851	ALL	652918.9	4191668	NonCancer	0.00E+00	1.23E-05	3.15E-04	0.00E+00	0.00E+00	3.15E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
1852	ALL	652894.8	4191657	NonCancer	0.00E+00	1.22E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1853	ALL	652870.6	4191646	NonCancer	0.00E+00	1.42E-05	3.67E-04	0.00E+00	0.00E+00	3.67E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
1854	ALL	652846.5	4191635	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
1855	ALL	652822.4	4191624	NonCancer	0.00E+00	1.77E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
1856	ALL	652798.2	4191613	NonCancer	0.00E+00	1.88E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
1857	ALL	652774.1	4191602	NonCancer	0.00E+00	1.94E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1858	ALL	652749.9	4191590	NonCancer	0.00E+00	1.95E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
1859	ALL	652725.8	4191579	NonCancer	0.00E+00	1.89E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
1860	ALL	652701.6	4191568	NonCancer	0.00E+00	1.78E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
1861	ALL	652677.5	4191557	NonCancer	0.00E+00	1.63E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
1862	ALL	652653.3	4191546	NonCancer	0.00E+00	1.47E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
1863	ALL	652629.2	4191535	NonCancer	0.00E+00	1.45E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
1864	ALL	652605	4191524	NonCancer	0.00E+00	1.39E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
1865	ALL	652580.9	4191513	NonCancer	0.00E+00	1.28E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
1866	ALL	652556.7	4191501	NonCancer	0.00E+00	1.23E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
1867	ALL	652532.6	4191490	NonCancer	0.00E+00	1.26E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1868	ALL	652508.4	4191479	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
1869	ALL	652484.3	4191468	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
1870	ALL	652460.1	4191457	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
1871	ALL	652436	4191446	NonCancer	0.00E+00	1.25E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
1872	ALL	652411.8	4191435	NonCancer	0.00E+00	1.38E-05	3.63E-04	0.00E+00	0.00E+00	3.63E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	3.63E-04
1873	ALL	652387.7	4191424	NonCancer	0.00E+00	1.63E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
1874	ALL	652363.5	4191413	NonCancer	0.00E+00	1.86E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
1875	ALL	652339.4	4191401	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1876	ALL	652315.2	4191390	NonCancer	0.00E+00	2.17E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
1877	ALL	652291.1	4191379	NonCancer	0.00E+00	2.23E-05	5.62E-04	0.00E+00	0.00E+00	5.62E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04
1878	ALL	652266.9	4191368	NonCancer	0.00E+00	2.21E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
1879	ALL	652242.8	4191357	NonCancer	0.00E+00	2.11E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
1880	ALL	652218.7	4191346	NonCancer	0.00E+00	1.95E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
1881	ALL	652194.5	4191335	NonCancer	0.00E+00	1.74E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
1882	ALL	652170.4	4191324	NonCancer	0.00E+00	1.50E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
1883	ALL	652146.2	4191313	NonCancer	0.00E+00	1.34E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
1884	ALL	652122.1	4191301	NonCancer	0.00E+00	1.36E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
1885	ALL	652097.9	4191290	NonCancer	0.00E+00	1.34E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
1886	ALL	652073.8	4191279	NonCancer	0.00E+00	1.38E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
1887	ALL	652049.6	4191268	NonCancer	0.00E+00	1.40E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
1888	ALL	652025.5	4191257	NonCancer	0.00E+00	1.37E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
1889	ALL	652001.3	4191246	NonCancer	0.00E+00	1.32E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1890	ALL	651977.2	4191235	NonCancer	0.00E+00	1.36E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
1891	ALL	651953	4191224	NonCancer	0.00E+00	1.60E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
1892	ALL	651928.9	4191212	NonCancer	0.00E+00	1.80E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
1893	ALL	651904.7	4191201	NonCancer	0.00E+00	1.95E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
1894	ALL	651880.6	4191190	NonCancer	0.00E+00	2.01E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
1895	ALL	651856.4	4191179	NonCancer	0.00E+00	1.99E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
1896	ALL	651832.3	4191168	NonCancer	0.00E+00	1.90E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
1897	ALL	651808.1	4191157	NonCancer	0.00E+00	1.76E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
1898	ALL	651784	4191146	NonCancer	0.00E+00	2.04E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
1899	ALL	651759.8	4191135	NonCancer	0.00E+00	2.32E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04

1900	ALL	651735.7	4191124	NonCancer	0.00E+00	2.59E-05	6.65E-04	0.00E+00	0.00E+00	6.65E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	6.65E-04
1901	ALL	651711.5	4191112	NonCancer	0.00E+00	2.81E-05	7.17E-04	0.00E+00	0.00E+00	7.17E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	7.17E-04
1902	ALL	651687.4	4191101	NonCancer	0.00E+00	2.99E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
1903	ALL	651663.2	4191090	NonCancer	0.00E+00	3.10E-05	7.83E-04	0.00E+00	0.00E+00	7.83E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	7.83E-04
1904	ALL	651639.1	4191079	NonCancer	0.00E+00	3.15E-05	7.94E-04	0.00E+00	0.00E+00	7.94E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	7.94E-04
1905	ALL	651615	4191068	NonCancer	0.00E+00	3.11E-05	7.87E-04	0.00E+00	0.00E+00	7.87E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	7.87E-04
1906	ALL	651590.8	4191057	NonCancer	0.00E+00	3.01E-05	7.64E-04	0.00E+00	0.00E+00	7.64E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	7.64E-04
1907	ALL	651566.7	4191046	NonCancer	0.00E+00	2.84E-05	7.26E-04	0.00E+00	0.00E+00	7.26E-04	2.84E-05	0.00E+00	2.84E-05	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	7.26E-04
1908	ALL	651542.5	4191035	NonCancer	0.00E+00	2.62E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
1909	ALL	651518.4	4191023	NonCancer	0.00E+00	2.37E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
1910	ALL	651494.2	4191012	NonCancer	0.00E+00	2.10E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
1911	ALL	651470.1	4191001	NonCancer	0.00E+00	1.82E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
1912	ALL	651445.9	4190990	NonCancer	0.00E+00	1.55E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
1913	ALL	651421.8	4190979	NonCancer	0.00E+00	1.29E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
1914	ALL	651397.6	4190968	NonCancer	0.00E+00	1.23E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
1915	ALL	651373.5	4190957	NonCancer	0.00E+00	1.22E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
1916	ALL	651349.3	4190946	NonCancer	0.00E+00	1.23E-05	3.23E-04	0.00E+00	0.00E+00	3.23E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	3.23E-04
1917	ALL	651325.2	4190935	NonCancer	0.00E+00	1.23E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
1918	ALL	651301	4190923	NonCancer	0.00E+00	1.21E-05	3.08E-04	0.00E+00	0.00E+00	3.08E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1919	ALL	651276.9	4190912	NonCancer	0.00E+00	1.23E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
1920	ALL	651252.7	4190901	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
1921	ALL	651228.6	4190890	NonCancer	0.00E+00	1.20E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
1922	ALL	651204.4	4190879	NonCancer	0.00E+00	1.18E-05	3.00E-04	0.00E+00	0.00E+00	3.00E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	3.00E-04
1923	ALL	651180.3	4190868	NonCancer	0.00E+00	1.17E-05	2.98E-04	0.00E+00	0.00E+00	2.98E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1924	ALL	651156.1	4190857	NonCancer	0.00E+00	1.20E-05	3.04E-04	0.00E+00	0.00E+00	3.04E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
1925	ALL	651132	4190846	NonCancer	0.00E+00	1.20E-05	3.05E-04	0.00E+00	0.00E+00	3.05E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
1926	ALL	653234.1	4191809	NonCancer	0.00E+00	1.30E-05	3.32E-04	0.00E+00	0.00E+00	3.32E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04
1927	ALL	653712.3	4188014	NonCancer	0.00E+00	2.67E-03	7.64E-02	0.00E+00	0.00E+00	7.64E-02	2.67E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	7.64E-02	0.00E+00	0.00E+00	7.64E-02
1928	ALL	653736.8	4188014	NonCancer	0.00E+00	2.61E-03	7.11E-02	0.00E+00	0.00E+00	7.11E-02	2.61E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	7.11E-02	0.00E+00	0.00E+00	7.11E-02
1929	ALL	653761.4	4188014	NonCancer	0.00E+00	2.65E-03	6.80E-02	0.00E+00	0.00E+00	6.80E-02	2.65E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	6.80E-02	0.00E+00	0.00E+00	6.80E-02
1930	ALL	653785.9	4188014	NonCancer	0.00E+00	2.35E-03	5.85E-02	0.00E+00	0.00E+00	5.85E-02	2.35E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	5.85E-02	0.00E+00	0.00E+00	5.85E-02
1931	ALL	653810.5	4188014	NonCancer	0.00E+00	2.07E-03	5.04E-02	0.00E+00	0.00E+00	5.04E-02	2.07E-03	0.00E+00	2.07E-03	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	5.04E-02
1932	ALL	653736.8	4188039	NonCancer	0.00E+00	2.00E-03	5.46E-02	0.00E+00	0.00E+00	5.46E-02	2.00E-03	0.00E+00	2.00E-03	0.00E+00	0.00E+00	5.46E-02	0.00E+00	0.00E+00	5.46E-02
1933	ALL	653761.4	4188039	NonCancer	0.00E+00	2.01E-03	5.26E-02	0.00E+00	0.00E+00	5.26E-02	2.01E-03	0.00E+00	2.01E-03	0.00E+00	0.00E+00	5.26E-02	0.00E+00	0.00E+00	5.26E-02
1934	ALL	653785.9	4188039	NonCancer	0.00E+00	1.82E-03	4.65E-02	0.00E+00	0.00E+00	4.65E-02	1.82E-03	0.00E+00	1.82E-03	0.00E+00	0.00E+00	4.65E-02	0.00E+00	0.00E+00	4.65E-02
1935	ALL	653810.5	4188039	NonCancer	0.00E+00	1.55E-03	3.89E-02	0.00E+00	0.00E+00	3.89E-02	1.55E-03	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	3.89E-02
1936	ALL	653736.8	4188064	NonCancer	0.00E+00	1.56E-03	4.19E-02	0.00E+00	0.00E+00	4.19E-02	1.56E-03	0.00E+00	1.56E-03	0.00E+00	0.00E+00	4.19E-02	0.00E+00	0.00E+00	4.19E-02
1937	ALL	653761.4	4188064	NonCancer	0.00E+00	1.49E-03	3.95E-02	0.00E+00	0.00E+00	3.95E-02	1.49E-03	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.95E-02	0.00E+00	0.00E+00	3.95E-02
1938	ALL	653785.9	4188064	NonCancer	0.00E+00	1.36E-03	3.54E-02	0.00E+00	0.00E+00	3.54E-02	1.36E-03	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.54E-02	0.00E+00	0.00E+00	3.54E-02
1939	ALL	653810.5	4188064	NonCancer	0.00E+00	1.32E-03	3.34E-02	0.00E+00	0.00E+00	3.34E-02	1.32E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	3.34E-02
1940	ALL	653736.8	4188089	NonCancer	0.00E+00	1.25E-03	3.33E-02	0.00E+00	0.00E+00	3.33E-02	1.25E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.33E-02
1941	ALL	653761.4	4188089	NonCancer	0.00E+00	1.20E-03	3.16E-02	0.00E+00	0.00E+00	3.16E-02	1.20E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.16E-02	0.00E+00	0.00E+00	3.16E-02
1942	ALL	653785.9	4188089	NonCancer	0.00E+00	1.19E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.19E-03	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1943	ALL	653810.5	4188089	NonCancer	0.00E+00	1.11E-03	2.82E-02	0.00E+00	0.00E+00	2.82E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.82E-02	0.00E+00	0.00E+00	2.82E-02
1944	ALL	653736.8	4188139	NonCancer	0.00E+00	8.69E-04	2.30E-02	0.00E+00	0.00E+00	2.30E-02	8.69E-04	0.00E+00	8.69E-04	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	2.30E-02
1945	ALL	653761.4	4188139	NonCancer	0.00E+00	7.94E-04	2.11E-02	0.00E+00	0.00E+00	2.11E-02	7.94E-04	0.00E+00	7.94E-04	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	2.11E-02
1946	ALL	653785.9	4188139	NonCancer	0.00E+00	8.08E-04	2.10E-02	0.00E+00	0.00E+00	2.10E-02	8.08E-04	0.00E+00	8.08E-04	0.00E+00	0.00E+00	2.10E-02	0.00E+00	0.00E+00	2.10E-02
1947	ALL	653810.5	4188139	NonCancer	0.00E+00	7.66E-04	1.98E-02	0.00E+00	0.00E+00	1.98E-02	7.66E-04	0.00E+00	7.66E-04	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.98E-02
1948	ALL	653712.3	4188189	NonCancer	0.00E+00	6.26E-04	1.65E-02	0.00E+00	0.00E+00	1.65E-02	6.26E-04	0.00E+00	6.26E-04	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.65E-02
1949	ALL	653736.8	4188189	NonCancer	0.00E+00	6.45E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.45E-04	0.00E+00	6.45E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02

1950	ALL	653761.4	4188189	NonCancer	0.00E+00	5.58E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.58E-04	0.00E+00	5.58E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1951	ALL	653785.9	4188189	NonCancer	0.00E+00	6.16E-04	1.60E-02	0.00E+00	0.00E+00	1.60E-02	6.16E-04	0.00E+00	6.16E-04	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.60E-02
1952	ALL	653810.5	4188189	NonCancer	0.00E+00	5.71E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.71E-04	0.00E+00	5.71E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1953	ALL	653712.3	4188239	NonCancer	0.00E+00	4.80E-04	1.26E-02	0.00E+00	0.00E+00	1.26E-02	4.80E-04	0.00E+00	4.80E-04	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1954	ALL	653736.8	4188239	NonCancer	0.00E+00	5.02E-04	1.28E-02	0.00E+00	0.00E+00	1.28E-02	5.02E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.28E-02
1955	ALL	653761.4	4188239	NonCancer	0.00E+00	4.40E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.40E-04	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
1956	ALL	653785.9	4188239	NonCancer	0.00E+00	4.71E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.71E-04	0.00E+00	4.71E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
1957	ALL	653810.5	4188239	NonCancer	0.00E+00	4.62E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.62E-04	0.00E+00	4.62E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02
1958	ALL	653712.3	4188289	NonCancer	0.00E+00	3.75E-04	9.89E-03	0.00E+00	0.00E+00	9.89E-03	3.75E-04	0.00E+00	3.75E-04	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	9.89E-03
1959	ALL	653736.8	4188289	NonCancer	0.00E+00	4.07E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.07E-04	0.00E+00	4.07E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
1960	ALL	653761.4	4188289	NonCancer	0.00E+00	3.69E-04	9.71E-03	0.00E+00	0.00E+00	9.71E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.71E-03	0.00E+00	0.00E+00	9.71E-03
1961	ALL	653785.9	4188289	NonCancer	0.00E+00	3.61E-04	9.42E-03	0.00E+00	0.00E+00	9.42E-03	3.61E-04	0.00E+00	3.61E-04	0.00E+00	0.00E+00	9.42E-03	0.00E+00	0.00E+00	9.42E-03
1962	ALL	653810.5	4188289	NonCancer	0.00E+00	3.85E-04	9.91E-03	0.00E+00	0.00E+00	9.91E-03	3.85E-04	0.00E+00	3.85E-04	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	9.91E-03
1963	ALL	653712.3	4188339	NonCancer	0.00E+00	3.09E-04	8.13E-03	0.00E+00	0.00E+00	8.13E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	8.13E-03	0.00E+00	0.00E+00	8.13E-03
1964	ALL	653736.8	4188339	NonCancer	0.00E+00	3.40E-04	8.61E-03	0.00E+00	0.00E+00	8.61E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.61E-03	0.00E+00	0.00E+00	8.61E-03
1965	ALL	653761.4	4188339	NonCancer	0.00E+00	3.16E-04	8.14E-03	0.00E+00	0.00E+00	8.14E-03	3.16E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	8.14E-03	0.00E+00	0.00E+00	8.14E-03
1966	ALL	653785.9	4188339	NonCancer	0.00E+00	2.90E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
1967	ALL	653810.5	4188339	NonCancer	0.00E+00	3.25E-04	8.32E-03	0.00E+00	0.00E+00	8.32E-03	3.25E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.32E-03
1968	ALL	653693.7	4188438	NonCancer	0.00E+00	2.37E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
1969	ALL	653736.8	4188439	NonCancer	0.00E+00	2.51E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
1970	ALL	653761.4	4188439	NonCancer	0.00E+00	2.39E-04	6.01E-03	0.00E+00	0.00E+00	6.01E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.01E-03
1971	ALL	653785.9	4188439	NonCancer	0.00E+00	2.13E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
1972	ALL	653810.5	4188439	NonCancer	0.00E+00	2.17E-04	5.68E-03	0.00E+00	0.00E+00	5.68E-03	2.17E-04	0.00E+00	2.17E-04	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	5.68E-03
1973	ALL	653689.5	4188537	NonCancer	0.00E+00	1.78E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03
1974	ALL	653666.7	4188536	NonCancer	0.00E+00	1.83E-04	4.67E-03	0.00E+00	0.00E+00	4.67E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.67E-03
1975	ALL	653712.3	4188539	NonCancer	0.00E+00	1.77E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
1976	ALL	653736.8	4188539	NonCancer	0.00E+00	1.95E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
1977	ALL	653761.4	4188539	NonCancer	0.00E+00	1.89E-04	4.75E-03	0.00E+00	0.00E+00	4.75E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	4.75E-03
1978	ALL	653785.9	4188539	NonCancer	0.00E+00	1.69E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
1979	ALL	653810.5	4188539	NonCancer	0.00E+00	1.64E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
1980	ALL	653692.1	4188637	NonCancer	0.00E+00	1.42E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
1981	ALL	653736.8	4188639	NonCancer	0.00E+00	1.58E-04	4.02E-03	0.00E+00	0.00E+00	4.02E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	4.02E-03
1982	ALL	653761.4	4188639	NonCancer	0.00E+00	1.54E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
1983	ALL	653785.9	4188639	NonCancer	0.00E+00	1.35E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
1984	ALL	653810.5	4188639	NonCancer	0.00E+00	1.32E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
1985	ALL	653689	4188737	NonCancer	0.00E+00	1.18E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
1986	ALL	653665.7	4188736	NonCancer	0.00E+00	1.22E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1987	ALL	653642.4	4188734	NonCancer	0.00E+00	1.23E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1988	ALL	653712.3	4188739	NonCancer	0.00E+00	1.21E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1989	ALL	653736.8	4188739	NonCancer	0.00E+00	1.31E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
1990	ALL	653761.4	4188739	NonCancer	0.00E+00	1.28E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1991	ALL	653785.9	4188739	NonCancer	0.00E+00	1.17E-04	2.97E-03	0.00E+00	0.00E+00	2.97E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	2.97E-03
1992	ALL	653810.5	4188739	NonCancer	0.00E+00	1.12E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
1993	ALL	653691.2	4188837	NonCancer	0.00E+00	1.01E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
1994	ALL	653648.9	4188835	NonCancer	0.00E+00	1.05E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
1995	ALL	653736.8	4188839	NonCancer	0.00E+00	1.11E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
1996	ALL	653761.4	4188839	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
1997	ALL	653785.9	4188839	NonCancer	0.00E+00	1.03E-04	2.60E-03	0.00E+00	0.00E+00	2.60E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1998	ALL	653810.5	4188839	NonCancer	0.00E+00	9.63E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
1999	ALL	653689.5	4189087	NonCancer	0.00E+00	7.05E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.05E-05	0.00E+00	7.05E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03

2000	ALL	653666.7	4189086	NonCancer	0.00E+00	7.07E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2001	ALL	653644	4189084	NonCancer	0.00E+00	7.02E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.02E-05	0.00E+00	7.02E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
2002	ALL	653621.2	4189083	NonCancer	0.00E+00	7.47E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.47E-05	0.00E+00	7.47E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
2003	ALL	653598.4	4189082	NonCancer	0.00E+00	7.45E-05	1.90E-03	0.00E+00	0.00E+00	1.90E-03	7.45E-05	0.00E+00	7.45E-05	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2004	ALL	653712.3	4189089	NonCancer	0.00E+00	7.51E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.51E-05	0.00E+00	7.51E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
2005	ALL	653736.8	4189089	NonCancer	0.00E+00	7.90E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	7.90E-05	0.00E+00	7.90E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
2006	ALL	653761.4	4189089	NonCancer	0.00E+00	7.64E-05	1.95E-03	0.00E+00	0.00E+00	1.95E-03	7.64E-05	0.00E+00	7.64E-05	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	1.95E-03
2007	ALL	653785.9	4189089	NonCancer	0.00E+00	7.61E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.61E-05	0.00E+00	7.61E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
2008	ALL	653810.5	4189089	NonCancer	0.00E+00	6.82E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
2009	ALL	653688.3	4189337	NonCancer	0.00E+00	5.53E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
2010	ALL	653664.4	4189336	NonCancer	0.00E+00	5.43E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2011	ALL	653640.4	4189334	NonCancer	0.00E+00	5.18E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
2012	ALL	653616.5	4189333	NonCancer	0.00E+00	5.43E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2013	ALL	653592.5	4189331	NonCancer	0.00E+00	5.68E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.68E-05	0.00E+00	5.68E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
2014	ALL	653568.6	4189330	NonCancer	0.00E+00	5.66E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.66E-05	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
2015	ALL	653712.3	4189339	NonCancer	0.00E+00	5.77E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.77E-05	0.00E+00	5.77E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2016	ALL	653736.8	4189339	NonCancer	0.00E+00	5.99E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.99E-05	0.00E+00	5.99E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
2017	ALL	653761.4	4189339	NonCancer	0.00E+00	5.70E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2018	ALL	653785.9	4189339	NonCancer	0.00E+00	5.86E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2019	ALL	653810.5	4189339	NonCancer	0.00E+00	5.53E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2020	ALL	653690.2	4189587	NonCancer	0.00E+00	4.98E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.98E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
2021	ALL	653646	4189585	NonCancer	0.00E+00	4.33E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.33E-05	0.00E+00	4.33E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2022	ALL	653601.9	4189582	NonCancer	0.00E+00	4.18E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.18E-05	0.00E+00	4.18E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2023	ALL	653557.7	4189579	NonCancer	0.00E+00	4.50E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
2024	ALL	653736.8	4189589	NonCancer	0.00E+00	4.77E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2025	ALL	653761.4	4189589	NonCancer	0.00E+00	4.57E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2026	ALL	653785.9	4189589	NonCancer	0.00E+00	4.65E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2027	ALL	653810.5	4189589	NonCancer	0.00E+00	4.55E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
2028	ALL	653689.3	4189837	NonCancer	0.00E+00	4.53E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
2029	ALL	653666.3	4189836	NonCancer	0.00E+00	4.27E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2030	ALL	653643.4	4189834	NonCancer	0.00E+00	3.81E-05	9.95E-04	0.00E+00	0.00E+00	9.95E-04	3.81E-05	0.00E+00	3.81E-05	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	9.95E-04
2031	ALL	653620.4	4189833	NonCancer	0.00E+00	3.52E-05	9.21E-04	0.00E+00	0.00E+00	9.21E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	9.21E-04
2032	ALL	653597.4	4189832	NonCancer	0.00E+00	3.27E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
2033	ALL	653574.4	4189830	NonCancer	0.00E+00	3.48E-05	8.84E-04	0.00E+00	0.00E+00	8.84E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	8.84E-04
2034	ALL	653551.4	4189829	NonCancer	0.00E+00	3.67E-05	9.29E-04	0.00E+00	0.00E+00	9.29E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	9.29E-04
2035	ALL	653528.5	4189827	NonCancer	0.00E+00	3.68E-05	9.37E-04	0.00E+00	0.00E+00	9.37E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	9.37E-04
2036	ALL	653505.5	4189826	NonCancer	0.00E+00	3.68E-05	9.38E-04	0.00E+00	0.00E+00	9.38E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	9.38E-04
2037	ALL	653712.3	4189839	NonCancer	0.00E+00	4.53E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
2038	ALL	653736.8	4189839	NonCancer	0.00E+00	4.26E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2039	ALL	653761.4	4189839	NonCancer	0.00E+00	3.78E-05	9.67E-04	0.00E+00	0.00E+00	9.67E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	9.67E-04
2040	ALL	653785.9	4189839	NonCancer	0.00E+00	3.79E-05	9.65E-04	0.00E+00	0.00E+00	9.65E-04	3.79E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	9.65E-04
2041	ALL	653810.5	4189839	NonCancer	0.00E+00	3.79E-05	9.60E-04	0.00E+00	0.00E+00	9.60E-04	3.79E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	9.60E-04
2042	ALL	653688	4190337	NonCancer	0.00E+00	3.84E-05	9.68E-04	0.00E+00	0.00E+00	9.68E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	9.68E-04
2043	ALL	653663.6	4190336	NonCancer	0.00E+00	3.72E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.72E-05	0.00E+00	3.72E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
2044	ALL	653639.3	4190334	NonCancer	0.00E+00	3.45E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
2045	ALL	653615	4190333	NonCancer	0.00E+00	3.05E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.05E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
2046	ALL	653590.7	4190331	NonCancer	0.00E+00	2.58E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
2047	ALL	653566.3	4190330	NonCancer	0.00E+00	2.40E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2048	ALL	653542	4190328	NonCancer	0.00E+00	2.42E-05	6.33E-04	0.00E+00	0.00E+00	6.33E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	6.33E-04
2049	ALL	653517.7	4190327	NonCancer	0.00E+00	2.57E-05	6.51E-04	0.00E+00	0.00E+00	6.51E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	6.51E-04

2050	ALL	653493.4	4190325	NonCancer	0.00E+00	2.65E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2051	ALL	653469	4190323	NonCancer	0.00E+00	2.63E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
2052	ALL	653444.7	4190322	NonCancer	0.00E+00	2.65E-05	6.74E-04	0.00E+00	0.00E+00	6.74E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
2053	ALL	653712.3	4190339	NonCancer	0.00E+00	3.78E-05	9.50E-04	0.00E+00	0.00E+00	9.50E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	9.50E-04
2054	ALL	653736.8	4190339	NonCancer	0.00E+00	3.56E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
2055	ALL	653761.4	4190339	NonCancer	0.00E+00	3.19E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
2056	ALL	653785.9	4190339	NonCancer	0.00E+00	2.73E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
2057	ALL	653810.5	4190339	NonCancer	0.00E+00	2.74E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
2058	ALL	653688.7	4190837	NonCancer	0.00E+00	3.33E-05	8.39E-04	0.00E+00	0.00E+00	8.39E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	8.39E-04
2059	ALL	653665.1	4190836	NonCancer	0.00E+00	3.30E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
2060	ALL	653641.5	4190834	NonCancer	0.00E+00	3.16E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
2061	ALL	653617.9	4190833	NonCancer	0.00E+00	2.93E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
2062	ALL	653594.3	4190831	NonCancer	0.00E+00	2.63E-05	6.90E-04	0.00E+00	0.00E+00	6.90E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	6.90E-04
2063	ALL	653570.7	4190830	NonCancer	0.00E+00	2.28E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
2064	ALL	653547.1	4190828	NonCancer	0.00E+00	1.94E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
2065	ALL	653523.5	4190827	NonCancer	0.00E+00	1.79E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
2066	ALL	653499.9	4190825	NonCancer	0.00E+00	1.85E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
2067	ALL	653476.3	4190824	NonCancer	0.00E+00	1.94E-05	4.97E-04	0.00E+00	0.00E+00	4.97E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	4.97E-04
2068	ALL	653452.7	4190822	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2069	ALL	653429.1	4190821	NonCancer	0.00E+00	2.03E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
2070	ALL	653405.5	4190820	NonCancer	0.00E+00	2.00E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2071	ALL	653381.9	4190818	NonCancer	0.00E+00	2.02E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
2072	ALL	653712.3	4190839	NonCancer	0.00E+00	3.25E-05	8.18E-04	0.00E+00	0.00E+00	8.18E-04	3.25E-05	0.00E+00	3.25E-05	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	8.18E-04
2073	ALL	653736.8	4190839	NonCancer	0.00E+00	3.06E-05	7.72E-04	0.00E+00	0.00E+00	7.72E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	7.72E-04
2074	ALL	653761.4	4190839	NonCancer	0.00E+00	2.78E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
2075	ALL	653785.9	4190839	NonCancer	0.00E+00	2.44E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
2076	ALL	653810.5	4190839	NonCancer	0.00E+00	2.09E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
2077	ALL	653687.8	4191337	NonCancer	0.00E+00	2.95E-05	7.41E-04	0.00E+00	0.00E+00	7.41E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	7.41E-04
2078	ALL	653663.3	4191336	NonCancer	0.00E+00	2.95E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
2079	ALL	653638.9	4191334	NonCancer	0.00E+00	2.87E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.87E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
2080	ALL	653614.4	4191333	NonCancer	0.00E+00	2.71E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
2081	ALL	653589.9	4191331	NonCancer	0.00E+00	2.49E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
2082	ALL	653565.4	4191330	NonCancer	0.00E+00	2.22E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
2083	ALL	653540.9	4191328	NonCancer	0.00E+00	1.93E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2084	ALL	653516.5	4191326	NonCancer	0.00E+00	1.63E-05	4.51E-04	0.00E+00	0.00E+00	4.51E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	4.51E-04
2085	ALL	653492	4191325	NonCancer	0.00E+00	1.45E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
2086	ALL	653467.5	4191323	NonCancer	0.00E+00	1.43E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
2087	ALL	653443	4191322	NonCancer	0.00E+00	1.52E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
2088	ALL	653418.6	4191320	NonCancer	0.00E+00	1.57E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
2089	ALL	653394.1	4191319	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2090	ALL	653369.6	4191317	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2091	ALL	653345.1	4191316	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2092	ALL	653320.6	4191314	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2093	ALL	653712.3	4191339	NonCancer	0.00E+00	2.86E-05	7.19E-04	0.00E+00	0.00E+00	7.19E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	7.19E-04
2094	ALL	653736.8	4191339	NonCancer	0.00E+00	2.70E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
2095	ALL	653761.4	4191339	NonCancer	0.00E+00	2.47E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
2096	ALL	653785.9	4191339	NonCancer	0.00E+00	2.20E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
2097	ALL	653810.5	4191339	NonCancer	0.00E+00	1.90E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
2098	ALL	653688.4	4191837	NonCancer	0.00E+00	2.63E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
2099	ALL	653664.5	4191836	NonCancer	0.00E+00	2.65E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04

2100	ALL	653640.6	4191834	NonCancer	0.00E+00	2.62E-05	6.62E-04	0.00E+00	0.00E+00	6.62E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	6.62E-04
2101	ALL	653616.6	4191833	NonCancer	0.00E+00	2.53E-05	6.43E-04	0.00E+00	0.00E+00	6.43E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	6.43E-04
2102	ALL	653592.7	4191831	NonCancer	0.00E+00	2.38E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
2103	ALL	653568.8	4191830	NonCancer	0.00E+00	2.20E-05	5.71E-04	0.00E+00	0.00E+00	5.71E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	5.71E-04
2104	ALL	653544.9	4191828	NonCancer	0.00E+00	1.98E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
2105	ALL	653521	4191827	NonCancer	0.00E+00	1.75E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
2106	ALL	653497.1	4191825	NonCancer	0.00E+00	1.51E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2107	ALL	653473.2	4191824	NonCancer	0.00E+00	1.28E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2108	ALL	653449.3	4191822	NonCancer	0.00E+00	1.17E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2109	ALL	653425.3	4191821	NonCancer	0.00E+00	1.17E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
2110	ALL	653401.4	4191819	NonCancer	0.00E+00	1.24E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
2111	ALL	653377.5	4191818	NonCancer	0.00E+00	1.28E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2112	ALL	653353.6	4191816	NonCancer	0.00E+00	1.31E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2113	ALL	653329.7	4191815	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2114	ALL	653305.8	4191813	NonCancer	0.00E+00	1.31E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2115	ALL	653281.9	4191812	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2116	ALL	653258	4191810	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2117	ALL	653712.3	4191839	NonCancer	0.00E+00	2.54E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2118	ALL	653736.8	4191839	NonCancer	0.00E+00	2.40E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
2119	ALL	653761.4	4191839	NonCancer	0.00E+00	2.22E-05	5.64E-04	0.00E+00	0.00E+00	5.64E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	5.64E-04
2120	ALL	653785.9	4191839	NonCancer	0.00E+00	2.00E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
2121	ALL	653810.5	4191839	NonCancer	0.00E+00	1.76E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
2122	ALL	653835.4	4187990	NonCancer	0.00E+00	1.80E-03	4.36E-02	0.00E+00	0.00E+00	4.36E-02	1.80E-03	0.00E+00	1.80E-03	0.00E+00	0.00E+00	4.36E-02	0.00E+00	0.00E+00	4.36E-02
2123	ALL	653838.6	4187946	NonCancer	0.00E+00	1.71E-03	4.09E-02	0.00E+00	0.00E+00	4.09E-02	1.71E-03	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.09E-02	0.00E+00	0.00E+00	4.09E-02
2124	ALL	653841.7	4187902	NonCancer	0.00E+00	1.79E-03	4.32E-02	0.00E+00	0.00E+00	4.32E-02	1.79E-03	0.00E+00	1.79E-03	0.00E+00	0.00E+00	4.32E-02	0.00E+00	0.00E+00	4.32E-02
2125	ALL	653852.5	4188009	NonCancer	0.00E+00	1.37E-03	3.34E-02	0.00E+00	0.00E+00	3.34E-02	1.37E-03	0.00E+00	1.37E-03	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	3.34E-02
2126	ALL	653861.9	4187970	NonCancer	0.00E+00	1.46E-03	3.49E-02	0.00E+00	0.00E+00	3.49E-02	1.46E-03	0.00E+00	1.46E-03	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	3.49E-02
2127	ALL	653865.1	4187926	NonCancer	0.00E+00	1.20E-03	2.92E-02	0.00E+00	0.00E+00	2.92E-02	1.20E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	2.92E-02	0.00E+00	0.00E+00	2.92E-02
2128	ALL	653868.2	4187881	NonCancer	0.00E+00	1.31E-03	3.21E-02	0.00E+00	0.00E+00	3.21E-02	1.31E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	3.21E-02	0.00E+00	0.00E+00	3.21E-02
2129	ALL	653877.4	4188010	NonCancer	0.00E+00	1.10E-03	2.70E-02	0.00E+00	0.00E+00	2.70E-02	1.10E-03	0.00E+00	1.10E-03	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	2.70E-02
2130	ALL	653844.6	4188050	NonCancer	0.00E+00	1.17E-03	2.90E-02	0.00E+00	0.00E+00	2.90E-02	1.17E-03	0.00E+00	1.17E-03	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	2.90E-02
2131	ALL	653886.9	4187972	NonCancer	0.00E+00	1.15E-03	2.76E-02	0.00E+00	0.00E+00	2.76E-02	1.15E-03	0.00E+00	1.15E-03	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	2.76E-02
2132	ALL	653890	4187927	NonCancer	0.00E+00	9.93E-04	2.41E-02	0.00E+00	0.00E+00	2.41E-02	9.93E-04	0.00E+00	9.93E-04	0.00E+00	0.00E+00	2.41E-02	0.00E+00	0.00E+00	2.41E-02
2133	ALL	653893.2	4187883	NonCancer	0.00E+00	1.00E-03	2.48E-02	0.00E+00	0.00E+00	2.48E-02	1.00E-03	0.00E+00	1.00E-03	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	2.48E-02
2134	ALL	653902.3	4188012	NonCancer	0.00E+00	9.09E-04	2.23E-02	0.00E+00	0.00E+00	2.23E-02	9.09E-04	0.00E+00	9.09E-04	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	2.23E-02
2135	ALL	653886.6	4188045	NonCancer	0.00E+00	9.02E-04	2.23E-02	0.00E+00	0.00E+00	2.23E-02	9.02E-04	0.00E+00	9.02E-04	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	2.23E-02
2136	ALL	653861.6	4188069	NonCancer	0.00E+00	9.93E-04	2.46E-02	0.00E+00	0.00E+00	2.46E-02	9.93E-04	0.00E+00	9.93E-04	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	2.46E-02
2137	ALL	653911.8	4187974	NonCancer	0.00E+00	9.36E-04	2.26E-02	0.00E+00	0.00E+00	2.26E-02	9.36E-04	0.00E+00	9.36E-04	0.00E+00	0.00E+00	2.26E-02	0.00E+00	0.00E+00	2.26E-02
2138	ALL	653915	4187929	NonCancer	0.00E+00	8.18E-04	2.00E-02	0.00E+00	0.00E+00	2.00E-02	8.18E-04	0.00E+00	8.18E-04	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	2.00E-02
2139	ALL	653918.1	4187885	NonCancer	0.00E+00	7.50E-04	1.84E-02	0.00E+00	0.00E+00	1.84E-02	7.50E-04	0.00E+00	7.50E-04	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.84E-02
2140	ALL	653950.6	4188019	NonCancer	0.00E+00	6.59E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.59E-04	0.00E+00	6.59E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2141	ALL	653931.7	4188059	NonCancer	0.00E+00	6.56E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.56E-04	0.00E+00	6.56E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2142	ALL	653892.3	4188106	NonCancer	0.00E+00	7.20E-04	1.81E-02	0.00E+00	0.00E+00	1.81E-02	7.20E-04	0.00E+00	7.20E-04	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.81E-02
2143	ALL	653851.4	4188123	NonCancer	0.00E+00	7.59E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.59E-04	0.00E+00	7.59E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
2144	ALL	653961.7	4187977	NonCancer	0.00E+00	6.68E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.68E-04	0.00E+00	6.68E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2145	ALL	653964.8	4187933	NonCancer	0.00E+00	6.24E-04	1.53E-02	0.00E+00	0.00E+00	1.53E-02	6.24E-04	0.00E+00	6.24E-04	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.53E-02
2146	ALL	653968	4187888	NonCancer	0.00E+00	5.37E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.37E-04	0.00E+00	5.37E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
2147	ALL	654001	4188022	NonCancer	0.00E+00	4.92E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.92E-04	0.00E+00	4.92E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
2148	ALL	653982.9	4188059	NonCancer	0.00E+00	5.08E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	5.08E-04	0.00E+00	5.08E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
2149	ALL	653964.9	4188097	NonCancer	0.00E+00	5.04E-04	1.26E-02	0.00E+00	0.00E+00	1.26E-02	5.04E-04	0.00E+00	5.04E-04	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.26E-02

2150	ALL	653927.4	4188143	NonCancer	0.00E+00	5.29E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.29E-04	0.00E+00	5.29E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
2151	ALL	653888.4	4188158	NonCancer	0.00E+00	5.94E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	5.94E-04	0.00E+00	5.94E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
2152	ALL	653849.4	4188173	NonCancer	0.00E+00	5.82E-04	1.51E-02	0.00E+00	0.00E+00	1.51E-02	5.82E-04	0.00E+00	5.82E-04	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.51E-02
2153	ALL	654011.6	4187981	NonCancer	0.00E+00	5.09E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	5.09E-04	0.00E+00	5.09E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
2154	ALL	654014.7	4187936	NonCancer	0.00E+00	4.73E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.73E-04	0.00E+00	4.73E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
2155	ALL	654017.9	4187892	NonCancer	0.00E+00	4.26E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
2156	ALL	654051.1	4188025	NonCancer	0.00E+00	3.97E-04	9.89E-03	0.00E+00	0.00E+00	9.89E-03	3.97E-04	0.00E+00	3.97E-04	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	9.89E-03
2157	ALL	654033.5	4188061	NonCancer	0.00E+00	4.08E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.08E-04	0.00E+00	4.08E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
2158	ALL	654016	4188098	NonCancer	0.00E+00	4.10E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.10E-04	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
2159	ALL	653998.5	4188135	NonCancer	0.00E+00	4.38E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.38E-04	0.00E+00	4.38E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
2160	ALL	653962	4188179	NonCancer	0.00E+00	4.15E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.15E-04	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
2161	ALL	653924.1	4188194	NonCancer	0.00E+00	4.56E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.56E-04	0.00E+00	4.56E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
2162	ALL	653886.2	4188209	NonCancer	0.00E+00	4.83E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.83E-04	0.00E+00	4.83E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
2163	ALL	653848.4	4188224	NonCancer	0.00E+00	4.52E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.52E-04	0.00E+00	4.52E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
2164	ALL	654061.4	4187984	NonCancer	0.00E+00	4.06E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	4.06E-04	0.00E+00	4.06E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
2165	ALL	654064.6	4187940	NonCancer	0.00E+00	3.60E-04	9.04E-03	0.00E+00	0.00E+00	9.04E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	9.04E-03
2166	ALL	654067.7	4187895	NonCancer	0.00E+00	3.52E-04	8.76E-03	0.00E+00	0.00E+00	8.76E-03	3.52E-04	0.00E+00	3.52E-04	0.00E+00	0.00E+00	8.76E-03	0.00E+00	0.00E+00	8.76E-03
2167	ALL	654100.3	4188030	NonCancer	0.00E+00	3.23E-04	8.08E-03	0.00E+00	0.00E+00	8.08E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	8.08E-03
2168	ALL	654081.3	4188069	NonCancer	0.00E+00	3.43E-04	8.54E-03	0.00E+00	0.00E+00	8.54E-03	3.43E-04	0.00E+00	3.43E-04	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.54E-03
2169	ALL	654062.4	4188109	NonCancer	0.00E+00	3.38E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.38E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
2170	ALL	654043.4	4188149	NonCancer	0.00E+00	3.39E-04	8.51E-03	0.00E+00	0.00E+00	8.51E-03	3.39E-04	0.00E+00	3.39E-04	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	8.51E-03
2171	ALL	654024.5	4188188	NonCancer	0.00E+00	3.22E-04	8.25E-03	0.00E+00	0.00E+00	8.25E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.25E-03	0.00E+00	0.00E+00	8.25E-03
2172	ALL	653994.5	4188216	NonCancer	0.00E+00	3.44E-04	8.72E-03	0.00E+00	0.00E+00	8.72E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.72E-03	0.00E+00	0.00E+00	8.72E-03
2173	ALL	653953.6	4188232	NonCancer	0.00E+00	3.78E-04	9.53E-03	0.00E+00	0.00E+00	9.53E-03	3.78E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	9.53E-03	0.00E+00	0.00E+00	9.53E-03
2174	ALL	653912.7	4188248	NonCancer	0.00E+00	3.93E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
2175	ALL	653871.8	4188265	NonCancer	0.00E+00	3.69E-04	9.60E-03	0.00E+00	0.00E+00	9.60E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	9.60E-03
2176	ALL	654111.3	4187988	NonCancer	0.00E+00	3.34E-04	8.29E-03	0.00E+00	0.00E+00	8.29E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.29E-03
2177	ALL	654114.5	4187943	NonCancer	0.00E+00	3.05E-04	7.61E-03	0.00E+00	0.00E+00	7.61E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.61E-03	0.00E+00	0.00E+00	7.61E-03
2178	ALL	654117.6	4187899	NonCancer	0.00E+00	2.92E-04	7.30E-03	0.00E+00	0.00E+00	7.30E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	7.30E-03
2179	ALL	654150.4	4188033	NonCancer	0.00E+00	2.68E-04	6.72E-03	0.00E+00	0.00E+00	6.72E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	6.72E-03
2180	ALL	654132	4188071	NonCancer	0.00E+00	2.81E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
2181	ALL	654113.6	4188110	NonCancer	0.00E+00	2.86E-04	7.20E-03	0.00E+00	0.00E+00	7.20E-03	2.86E-04	0.00E+00	2.86E-04	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	7.20E-03
2182	ALL	654095.1	4188148	NonCancer	0.00E+00	2.85E-04	7.18E-03	0.00E+00	0.00E+00	7.18E-03	2.85E-04	0.00E+00	2.85E-04	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	7.18E-03
2183	ALL	654076.7	4188187	NonCancer	0.00E+00	3.08E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	3.08E-04	0.00E+00	3.08E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
2184	ALL	654058.3	4188225	NonCancer	0.00E+00	2.87E-04	7.29E-03	0.00E+00	0.00E+00	7.29E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	7.29E-03
2185	ALL	654029.2	4188253	NonCancer	0.00E+00	2.90E-04	7.38E-03	0.00E+00	0.00E+00	7.38E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.38E-03
2186	ALL	653989.4	4188268	NonCancer	0.00E+00	3.02E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
2187	ALL	653949.7	4188284	NonCancer	0.00E+00	3.16E-04	8.11E-03	0.00E+00	0.00E+00	8.11E-03	3.16E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	8.11E-03
2188	ALL	653909.9	4188300	NonCancer	0.00E+00	3.24E-04	8.27E-03	0.00E+00	0.00E+00	8.27E-03	3.24E-04	0.00E+00	3.24E-04	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	8.27E-03
2189	ALL	653870.1	4188315	NonCancer	0.00E+00	3.32E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
2190	ALL	654161.2	4187991	NonCancer	0.00E+00	2.82E-04	7.02E-03	0.00E+00	0.00E+00	7.02E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	7.02E-03
2191	ALL	654164.3	4187947	NonCancer	0.00E+00	2.55E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
2192	ALL	654167.5	4187902	NonCancer	0.00E+00	2.64E-04	6.55E-03	0.00E+00	0.00E+00	6.55E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.55E-03
2193	ALL	654249.9	4188040	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
2194	ALL	654230.9	4188080	NonCancer	0.00E+00	2.11E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03
2195	ALL	654212	4188120	NonCancer	0.00E+00	2.14E-04	5.39E-03	0.00E+00	0.00E+00	5.39E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	5.39E-03
2196	ALL	654193	4188159	NonCancer	0.00E+00	2.16E-04	5.44E-03	0.00E+00	0.00E+00	5.44E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.44E-03
2197	ALL	654174.1	4188199	NonCancer	0.00E+00	2.18E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
2198	ALL	654155.1	4188239	NonCancer	0.00E+00	2.33E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
2199	ALL	654136.2	4188278	NonCancer	0.00E+00	2.07E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03

2200	ALL	654096.8	4188326	NonCancer	0.00E+00	2.16E-04	5.53E-03	0.00E+00	0.00E+00	5.53E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	5.53E-03
2201	ALL	654055.9	4188342	NonCancer	0.00E+00	2.25E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
2202	ALL	654015	4188358	NonCancer	0.00E+00	2.38E-04	6.06E-03	0.00E+00	0.00E+00	6.06E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	6.06E-03
2203	ALL	653974.1	4188374	NonCancer	0.00E+00	2.48E-04	6.30E-03	0.00E+00	0.00E+00	6.30E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	6.30E-03
2204	ALL	653933.2	4188390	NonCancer	0.00E+00	2.31E-04	5.97E-03	0.00E+00	0.00E+00	5.97E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	5.97E-03
2205	ALL	653892.3	4188406	NonCancer	0.00E+00	2.39E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
2206	ALL	653851.4	4188423	NonCancer	0.00E+00	2.35E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
2207	ALL	654260.9	4187998	NonCancer	0.00E+00	2.11E-04	5.28E-03	0.00E+00	0.00E+00	5.28E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	5.28E-03
2208	ALL	654264.1	4187954	NonCancer	0.00E+00	1.81E-04	4.59E-03	0.00E+00	0.00E+00	4.59E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.59E-03
2209	ALL	654267.2	4187909	NonCancer	0.00E+00	1.96E-04	4.93E-03	0.00E+00	0.00E+00	4.93E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	4.93E-03
2210	ALL	654350	4188047	NonCancer	0.00E+00	1.61E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
2211	ALL	654331.7	4188085	NonCancer	0.00E+00	1.65E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
2212	ALL	654313.4	4188123	NonCancer	0.00E+00	1.68E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
2213	ALL	654295.1	4188161	NonCancer	0.00E+00	1.70E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
2214	ALL	654276.8	4188200	NonCancer	0.00E+00	1.70E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
2215	ALL	654258.5	4188238	NonCancer	0.00E+00	1.72E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
2216	ALL	654240.3	4188276	NonCancer	0.00E+00	1.78E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
2217	ALL	654222	4188315	NonCancer	0.00E+00	1.82E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
2218	ALL	654203.7	4188353	NonCancer	0.00E+00	1.75E-04	4.42E-03	0.00E+00	0.00E+00	4.42E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.42E-03
2219	ALL	654165.7	4188399	NonCancer	0.00E+00	1.71E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
2220	ALL	654126.2	4188414	NonCancer	0.00E+00	1.82E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
2221	ALL	654086.7	4188430	NonCancer	0.00E+00	1.89E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
2222	ALL	654047.3	4188445	NonCancer	0.00E+00	1.84E-04	4.71E-03	0.00E+00	0.00E+00	4.71E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	4.71E-03
2223	ALL	654007.8	4188461	NonCancer	0.00E+00	1.88E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
2224	ALL	653968.4	4188477	NonCancer	0.00E+00	1.80E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
2225	ALL	653928.9	4188492	NonCancer	0.00E+00	1.91E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
2226	ALL	653889.4	4188508	NonCancer	0.00E+00	1.89E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
2227	ALL	653850	4188523	NonCancer	0.00E+00	1.93E-04	4.90E-03	0.00E+00	0.00E+00	4.90E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.90E-03
2228	ALL	654360.7	4188005	NonCancer	0.00E+00	1.65E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
2229	ALL	654363.8	4187961	NonCancer	0.00E+00	1.50E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
2230	ALL	654367	4187916	NonCancer	0.00E+00	1.45E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
2231	ALL	654449.5	4188054	NonCancer	0.00E+00	1.32E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
2232	ALL	654430.9	4188093	NonCancer	0.00E+00	1.34E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
2233	ALL	654412.2	4188132	NonCancer	0.00E+00	1.39E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
2234	ALL	654393.5	4188171	NonCancer	0.00E+00	1.41E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
2235	ALL	654374.9	4188210	NonCancer	0.00E+00	1.39E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
2236	ALL	654356.2	4188249	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2237	ALL	654337.6	4188288	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2238	ALL	654318.9	4188328	NonCancer	0.00E+00	1.47E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
2239	ALL	654300.2	4188367	NonCancer	0.00E+00	1.51E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
2240	ALL	654281.6	4188406	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2241	ALL	654262.9	4188445	NonCancer	0.00E+00	1.40E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
2242	ALL	654233.4	4188472	NonCancer	0.00E+00	1.40E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2243	ALL	654193.2	4188488	NonCancer	0.00E+00	1.49E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
2244	ALL	654152.9	4188504	NonCancer	0.00E+00	1.56E-04	3.94E-03	0.00E+00	0.00E+00	3.94E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	3.94E-03
2245	ALL	654112.6	4188520	NonCancer	0.00E+00	1.51E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
2246	ALL	654072.3	4188536	NonCancer	0.00E+00	1.59E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
2247	ALL	654032	4188551	NonCancer	0.00E+00	1.50E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
2248	ALL	653991.8	4188567	NonCancer	0.00E+00	1.48E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
2249	ALL	653951.5	4188583	NonCancer	0.00E+00	1.49E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03

2250	ALL	653911.2	4188599	NonCancer	0.00E+00	1.52E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
2251	ALL	653870.9	4188615	NonCancer	0.00E+00	1.58E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
2252	ALL	654460.4	4188012	NonCancer	0.00E+00	1.35E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
2253	ALL	654463.6	4187968	NonCancer	0.00E+00	1.26E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
2254	ALL	654466.7	4187924	NonCancer	0.00E+00	1.23E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
2255	ALL	654549.1	4188062	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
2256	ALL	654530.2	4188101	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
2257	ALL	654511.2	4188141	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
2258	ALL	654492.3	4188180	NonCancer	0.00E+00	1.17E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
2259	ALL	654473.3	4188220	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
2260	ALL	654454.4	4188260	NonCancer	0.00E+00	1.18E-04	2.97E-03	0.00E+00	0.00E+00	2.97E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	2.97E-03
2261	ALL	654435.4	4188299	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
2262	ALL	654416.5	4188339	NonCancer	0.00E+00	1.16E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
2263	ALL	654397.5	4188379	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
2264	ALL	654378.6	4188418	NonCancer	0.00E+00	1.27E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
2265	ALL	654359.6	4188458	NonCancer	0.00E+00	1.12E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
2266	ALL	654340.7	4188498	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
2267	ALL	654301.3	4188545	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
2268	ALL	654260.4	4188562	NonCancer	0.00E+00	1.25E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
2269	ALL	654219.5	4188578	NonCancer	0.00E+00	1.30E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
2270	ALL	654178.6	4188594	NonCancer	0.00E+00	1.27E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
2271	ALL	654137.7	4188610	NonCancer	0.00E+00	1.30E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
2272	ALL	654096.8	4188626	NonCancer	0.00E+00	1.29E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
2273	ALL	654055.9	4188642	NonCancer	0.00E+00	1.22E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
2274	ALL	654015	4188658	NonCancer	0.00E+00	1.28E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
2275	ALL	653974.1	4188674	NonCancer	0.00E+00	1.16E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
2276	ALL	653933.2	4188690	NonCancer	0.00E+00	1.25E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
2277	ALL	653892.3	4188706	NonCancer	0.00E+00	1.32E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
2278	ALL	653851.4	4188723	NonCancer	0.00E+00	1.12E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
2279	ALL	654560.2	4188019	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
2280	ALL	654563.3	4187975	NonCancer	0.00E+00	1.07E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
2281	ALL	654566.5	4187931	NonCancer	0.00E+00	1.02E-04	2.58E-03	0.00E+00	0.00E+00	2.58E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	2.58E-03
2282	ALL	654648.8	4188069	NonCancer	0.00E+00	9.34E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.34E-05	0.00E+00	9.34E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
2283	ALL	654629.6	4188109	NonCancer	0.00E+00	9.32E-05	2.36E-03	0.00E+00	0.00E+00	2.36E-03	9.32E-05	0.00E+00	9.32E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
2284	ALL	654610.4	4188149	NonCancer	0.00E+00	9.66E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.66E-05	0.00E+00	9.66E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
2285	ALL	654591.3	4188189	NonCancer	0.00E+00	9.86E-05	2.49E-03	0.00E+00	0.00E+00	2.49E-03	9.86E-05	0.00E+00	9.86E-05	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	2.49E-03
2286	ALL	654572.1	4188229	NonCancer	0.00E+00	1.01E-04	2.54E-03	0.00E+00	0.00E+00	2.54E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.54E-03
2287	ALL	654552.9	4188269	NonCancer	0.00E+00	1.00E-04	2.52E-03	0.00E+00	0.00E+00	2.52E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.52E-03
2288	ALL	654533.7	4188310	NonCancer	0.00E+00	1.00E-04	2.53E-03	0.00E+00	0.00E+00	2.53E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	2.53E-03
2289	ALL	654514.5	4188350	NonCancer	0.00E+00	9.92E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.92E-05	0.00E+00	9.92E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
2290	ALL	654495.4	4188390	NonCancer	0.00E+00	9.88E-05	2.50E-03	0.00E+00	0.00E+00	2.50E-03	9.88E-05	0.00E+00	9.88E-05	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	2.50E-03
2291	ALL	654476.2	4188430	NonCancer	0.00E+00	1.07E-04	2.67E-03	0.00E+00	0.00E+00	2.67E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	2.67E-03
2292	ALL	654457	4188470	NonCancer	0.00E+00	1.09E-04	2.76E-03	0.00E+00	0.00E+00	2.76E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	2.76E-03
2293	ALL	654437.8	4188510	NonCancer	0.00E+00	9.65E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.65E-05	0.00E+00	9.65E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
2294	ALL	654418.7	4188550	NonCancer	0.00E+00	1.06E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2295	ALL	654399.5	4188591	NonCancer	0.00E+00	9.79E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.79E-05	0.00E+00	9.79E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
2296	ALL	654369.2	4188619	NonCancer	0.00E+00	1.00E-04	2.54E-03	0.00E+00	0.00E+00	2.54E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.54E-03
2297	ALL	654327.8	4188635	NonCancer	0.00E+00	1.07E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
2298	ALL	654286.4	4188651	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
2299	ALL	654245.1	4188668	NonCancer	0.00E+00	1.05E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03

2300	ALL	654203.7	4188684	NonCancer	0.00E+00	1.05E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
2301	ALL	654162.3	4188700	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
2302	ALL	654120.9	4188716	NonCancer	0.00E+00	1.09E-04	2.78E-03	0.00E+00	0.00E+00	2.78E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	2.78E-03
2303	ALL	654079.5	4188733	NonCancer	0.00E+00	1.03E-04	2.63E-03	0.00E+00	0.00E+00	2.63E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	2.63E-03
2304	ALL	654038.1	4188749	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
2305	ALL	653996.7	4188765	NonCancer	0.00E+00	1.02E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2306	ALL	653955.3	4188782	NonCancer	0.00E+00	1.06E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03
2307	ALL	653914	4188798	NonCancer	0.00E+00	1.13E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
2308	ALL	653872.6	4188814	NonCancer	0.00E+00	9.73E-05	2.55E-03	0.00E+00	0.00E+00	2.55E-03	9.73E-05	0.00E+00	9.73E-05	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
2309	ALL	654659.9	4188027	NonCancer	0.00E+00	9.56E-05	2.42E-03	0.00E+00	0.00E+00	2.42E-03	9.56E-05	0.00E+00	9.56E-05	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	2.42E-03
2310	ALL	654663.1	4187982	NonCancer	0.00E+00	9.16E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.16E-05	0.00E+00	9.16E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
2311	ALL	654666.2	4187938	NonCancer	0.00E+00	8.42E-05	2.14E-03	0.00E+00	0.00E+00	2.14E-03	8.42E-05	0.00E+00	8.42E-05	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	2.14E-03
2312	ALL	654898.4	4188086	NonCancer	0.00E+00	6.51E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.51E-05	0.00E+00	6.51E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
2313	ALL	654879.6	4188125	NonCancer	0.00E+00	6.85E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.85E-05	0.00E+00	6.85E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
2314	ALL	654860.8	4188165	NonCancer	0.00E+00	6.75E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2315	ALL	654842	4188204	NonCancer	0.00E+00	6.96E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.96E-05	0.00E+00	6.96E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
2316	ALL	654823.2	4188243	NonCancer	0.00E+00	7.17E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
2317	ALL	654804.5	4188283	NonCancer	0.00E+00	7.25E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.25E-05	0.00E+00	7.25E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2318	ALL	654785.7	4188322	NonCancer	0.00E+00	7.19E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.19E-05	0.00E+00	7.19E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2319	ALL	654766.9	4188361	NonCancer	0.00E+00	7.18E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.18E-05	0.00E+00	7.18E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2320	ALL	654748.1	4188400	NonCancer	0.00E+00	7.21E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.21E-05	0.00E+00	7.21E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2321	ALL	654729.3	4188440	NonCancer	0.00E+00	7.22E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.22E-05	0.00E+00	7.22E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2322	ALL	654710.6	4188479	NonCancer	0.00E+00	7.31E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.31E-05	0.00E+00	7.31E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
2323	ALL	654691.8	4188518	NonCancer	0.00E+00	7.23E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.23E-05	0.00E+00	7.23E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2324	ALL	654673	4188558	NonCancer	0.00E+00	7.73E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.73E-05	0.00E+00	7.73E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
2325	ALL	654654.2	4188597	NonCancer	0.00E+00	7.85E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.85E-05	0.00E+00	7.85E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
2326	ALL	654635.4	4188636	NonCancer	0.00E+00	6.96E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	6.96E-05	0.00E+00	6.96E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
2327	ALL	654616.7	4188676	NonCancer	0.00E+00	7.08E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.08E-05	0.00E+00	7.08E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2328	ALL	654597.9	4188715	NonCancer	0.00E+00	7.72E-05	1.94E-03	0.00E+00	0.00E+00	1.94E-03	7.72E-05	0.00E+00	7.72E-05	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.94E-03
2329	ALL	654579.1	4188754	NonCancer	0.00E+00	7.00E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.00E-05	0.00E+00	7.00E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
2330	ALL	654540.1	4188801	NonCancer	0.00E+00	7.19E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.19E-05	0.00E+00	7.19E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2331	ALL	654499.5	4188817	NonCancer	0.00E+00	7.68E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.68E-05	0.00E+00	7.68E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
2332	ALL	654459	4188833	NonCancer	0.00E+00	6.97E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	6.97E-05	0.00E+00	6.97E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
2333	ALL	654418.5	4188849	NonCancer	0.00E+00	7.92E-05	2.00E-03	0.00E+00	0.00E+00	2.00E-03	7.92E-05	0.00E+00	7.92E-05	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
2334	ALL	654377.9	4188865	NonCancer	0.00E+00	7.68E-05	1.96E-03	0.00E+00	0.00E+00	1.96E-03	7.68E-05	0.00E+00	7.68E-05	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	1.96E-03
2335	ALL	654337.4	4188881	NonCancer	0.00E+00	7.48E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.48E-05	0.00E+00	7.48E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
2336	ALL	654296.9	4188897	NonCancer	0.00E+00	8.13E-05	2.05E-03	0.00E+00	0.00E+00	2.05E-03	8.13E-05	0.00E+00	8.13E-05	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.05E-03
2337	ALL	654256.3	4188913	NonCancer	0.00E+00	7.80E-05	2.00E-03	0.00E+00	0.00E+00	2.00E-03	7.80E-05	0.00E+00	7.80E-05	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
2338	ALL	654215.8	4188929	NonCancer	0.00E+00	7.38E-05	1.90E-03	0.00E+00	0.00E+00	1.90E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2339	ALL	654175.3	4188945	NonCancer	0.00E+00	7.29E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2340	ALL	654134.7	4188961	NonCancer	0.00E+00	7.82E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.82E-05	0.00E+00	7.82E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
2341	ALL	654094.2	4188977	NonCancer	0.00E+00	7.56E-05	1.96E-03	0.00E+00	0.00E+00	1.96E-03	7.56E-05	0.00E+00	7.56E-05	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	1.96E-03
2342	ALL	654053.7	4188993	NonCancer	0.00E+00	7.48E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.48E-05	0.00E+00	7.48E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
2343	ALL	654013.1	4189009	NonCancer	0.00E+00	7.51E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.51E-05	0.00E+00	7.51E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
2344	ALL	653972.6	4189025	NonCancer	0.00E+00	8.00E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	8.00E-05	0.00E+00	8.00E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
2345	ALL	653932.1	4189041	NonCancer	0.00E+00	7.54E-05	1.94E-03	0.00E+00	0.00E+00	1.94E-03	7.54E-05	0.00E+00	7.54E-05	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.94E-03
2346	ALL	653891.6	4189057	NonCancer	0.00E+00	6.82E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
2347	ALL	653851	4189073	NonCancer	0.00E+00	6.68E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
2348	ALL	654909.3	4188044	NonCancer	0.00E+00	6.82E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
2349	ALL	654912.5	4188000	NonCancer	0.00E+00	6.73E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03

2350	ALL	654915.6	4187955	NonCancer	0.00E+00	6.07E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.07E-05	0.00E+00	6.07E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2351	ALL	655147.6	4188104	NonCancer	0.00E+00	5.06E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.06E-05	0.00E+00	5.06E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
2352	ALL	655128.7	4188144	NonCancer	0.00E+00	5.20E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.20E-05	0.00E+00	5.20E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2353	ALL	655109.7	4188183	NonCancer	0.00E+00	5.14E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.14E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
2354	ALL	655090.8	4188223	NonCancer	0.00E+00	5.35E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.35E-05	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2355	ALL	655071.8	4188263	NonCancer	0.00E+00	5.34E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
2356	ALL	655052.9	4188302	NonCancer	0.00E+00	5.50E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.50E-05	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2357	ALL	655033.9	4188342	NonCancer	0.00E+00	5.50E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.50E-05	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2358	ALL	655015	4188382	NonCancer	0.00E+00	5.39E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.39E-05	0.00E+00	5.39E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
2359	ALL	654996	4188421	NonCancer	0.00E+00	5.56E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.56E-05	0.00E+00	5.56E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2360	ALL	654977.1	4188461	NonCancer	0.00E+00	5.57E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.57E-05	0.00E+00	5.57E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
2361	ALL	654958.1	4188501	NonCancer	0.00E+00	5.53E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2362	ALL	654939.2	4188540	NonCancer	0.00E+00	5.53E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2363	ALL	654920.2	4188580	NonCancer	0.00E+00	5.55E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.55E-05	0.00E+00	5.55E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2364	ALL	654901.3	4188619	NonCancer	0.00E+00	5.46E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2365	ALL	654882.3	4188659	NonCancer	0.00E+00	6.05E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	6.05E-05	0.00E+00	6.05E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2366	ALL	654863.4	4188699	NonCancer	0.00E+00	6.07E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.07E-05	0.00E+00	6.07E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2367	ALL	654844.4	4188738	NonCancer	0.00E+00	6.06E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.06E-05	0.00E+00	6.06E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
2368	ALL	654825.5	4188778	NonCancer	0.00E+00	5.33E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.33E-05	0.00E+00	5.33E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2369	ALL	654806.5	4188818	NonCancer	0.00E+00	5.23E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.23E-05	0.00E+00	5.23E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
2370	ALL	654787.6	4188857	NonCancer	0.00E+00	5.90E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.90E-05	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2371	ALL	654768.6	4188897	NonCancer	0.00E+00	5.75E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.75E-05	0.00E+00	5.75E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2372	ALL	654749.7	4188937	NonCancer	0.00E+00	5.48E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.48E-05	0.00E+00	5.48E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2373	ALL	654710.3	4188984	NonCancer	0.00E+00	5.47E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.47E-05	0.00E+00	5.47E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2374	ALL	654669.4	4189001	NonCancer	0.00E+00	5.85E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
2375	ALL	654628.5	4189017	NonCancer	0.00E+00	5.28E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
2376	ALL	654587.6	4189033	NonCancer	0.00E+00	5.92E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
2377	ALL	654546.7	4189049	NonCancer	0.00E+00	5.77E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.77E-05	0.00E+00	5.77E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2378	ALL	654505.8	4189065	NonCancer	0.00E+00	5.90E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.90E-05	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
2379	ALL	654464.9	4189081	NonCancer	0.00E+00	5.65E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.65E-05	0.00E+00	5.65E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
2380	ALL	654424	4189097	NonCancer	0.00E+00	6.18E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
2381	ALL	654383.1	4189113	NonCancer	0.00E+00	5.70E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2382	ALL	654342.2	4189129	NonCancer	0.00E+00	6.03E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
2383	ALL	654301.3	4189145	NonCancer	0.00E+00	5.62E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.62E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
2384	ALL	654260.4	4189162	NonCancer	0.00E+00	5.53E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
2385	ALL	654219.5	4189178	NonCancer	0.00E+00	5.98E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.98E-05	0.00E+00	5.98E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2386	ALL	654178.6	4189194	NonCancer	0.00E+00	5.86E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2387	ALL	654137.7	4189210	NonCancer	0.00E+00	5.54E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.54E-05	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
2388	ALL	654096.8	4189226	NonCancer	0.00E+00	5.93E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
2389	ALL	654055.9	4189242	NonCancer	0.00E+00	5.93E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2390	ALL	654015	4189258	NonCancer	0.00E+00	6.18E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
2391	ALL	653974.1	4189274	NonCancer	0.00E+00	5.73E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.73E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2392	ALL	653933.2	4189290	NonCancer	0.00E+00	5.17E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2393	ALL	653892.3	4189306	NonCancer	0.00E+00	5.06E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.06E-05	0.00E+00	5.06E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
2394	ALL	653851.4	4189323	NonCancer	0.00E+00	5.29E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2395	ALL	655158.7	4188062	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
2396	ALL	655161.8	4188017	NonCancer	0.00E+00	5.18E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2397	ALL	655165	4187973	NonCancer	0.00E+00	4.93E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
2398	ALL	655397	4188122	NonCancer	0.00E+00	4.08E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
2399	ALL	655377.9	4188162	NonCancer	0.00E+00	4.15E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.15E-05	0.00E+00	4.15E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03

2400	ALL	655358.8	4188202	NonCancer	0.00E+00	4.18E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.18E-05	0.00E+00	4.18E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
2401	ALL	655339.7	4188241	NonCancer	0.00E+00	4.10E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
2402	ALL	655320.7	4188281	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
2403	ALL	655301.6	4188321	NonCancer	0.00E+00	4.30E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.30E-05	0.00E+00	4.30E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2404	ALL	655282.5	4188361	NonCancer	0.00E+00	4.39E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2405	ALL	655263.5	4188401	NonCancer	0.00E+00	4.40E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.40E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2406	ALL	655244.4	4188441	NonCancer	0.00E+00	4.44E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2407	ALL	655225.3	4188481	NonCancer	0.00E+00	4.41E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2408	ALL	655206.3	4188521	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2409	ALL	655187.2	4188561	NonCancer	0.00E+00	4.44E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2410	ALL	655168.1	4188601	NonCancer	0.00E+00	4.44E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2411	ALL	655149.1	4188641	NonCancer	0.00E+00	4.42E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.42E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2412	ALL	655130	4188680	NonCancer	0.00E+00	4.39E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2413	ALL	655110.9	4188720	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2414	ALL	655091.8	4188760	NonCancer	0.00E+00	4.77E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
2415	ALL	655072.8	4188800	NonCancer	0.00E+00	5.60E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.60E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2416	ALL	655053.7	4188840	NonCancer	0.00E+00	4.85E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2417	ALL	655034.6	4188880	NonCancer	0.00E+00	4.85E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2418	ALL	655015.6	4188920	NonCancer	0.00E+00	4.26E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
2419	ALL	654996.5	4188960	NonCancer	0.00E+00	4.21E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2420	ALL	654977.4	4189000	NonCancer	0.00E+00	5.05E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
2421	ALL	654958.4	4189040	NonCancer	0.00E+00	5.35E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.35E-05	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
2422	ALL	654939.3	4189080	NonCancer	0.00E+00	4.67E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.67E-05	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2423	ALL	654920.2	4189119	NonCancer	0.00E+00	4.39E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2424	ALL	654880.6	4189167	NonCancer	0.00E+00	4.35E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
2425	ALL	654839.4	4189184	NonCancer	0.00E+00	4.65E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2426	ALL	654798.3	4189200	NonCancer	0.00E+00	4.37E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2427	ALL	654757.1	4189216	NonCancer	0.00E+00	4.45E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.45E-05	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2428	ALL	654715.9	4189232	NonCancer	0.00E+00	4.82E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.82E-05	0.00E+00	4.82E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
2429	ALL	654674.8	4189248	NonCancer	0.00E+00	4.54E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.54E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2430	ALL	654633.6	4189265	NonCancer	0.00E+00	4.67E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.67E-05	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2431	ALL	654592.5	4189281	NonCancer	0.00E+00	4.49E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.49E-05	0.00E+00	4.49E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
2432	ALL	654551.3	4189297	NonCancer	0.00E+00	4.89E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.89E-05	0.00E+00	4.89E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2433	ALL	654510.2	4189313	NonCancer	0.00E+00	4.73E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
2434	ALL	654469	4189329	NonCancer	0.00E+00	4.85E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2435	ALL	654427.8	4189346	NonCancer	0.00E+00	4.51E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
2436	ALL	654386.7	4189362	NonCancer	0.00E+00	4.51E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
2437	ALL	654345.5	4189378	NonCancer	0.00E+00	4.35E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2438	ALL	654304.4	4189394	NonCancer	0.00E+00	4.77E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2439	ALL	654263.2	4189410	NonCancer	0.00E+00	4.72E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.72E-05	0.00E+00	4.72E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2440	ALL	654222.1	4189427	NonCancer	0.00E+00	4.26E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2441	ALL	654180.9	4189443	NonCancer	0.00E+00	4.61E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.61E-05	0.00E+00	4.61E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
2442	ALL	654139.7	4189459	NonCancer	0.00E+00	4.60E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2443	ALL	654098.6	4189475	NonCancer	0.00E+00	4.66E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2444	ALL	654057.4	4189491	NonCancer	0.00E+00	4.95E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.95E-05	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2445	ALL	654016.3	4189508	NonCancer	0.00E+00	4.55E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2446	ALL	653975.1	4189524	NonCancer	0.00E+00	4.09E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.09E-05	0.00E+00	4.09E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
2447	ALL	653934	4189540	NonCancer	0.00E+00	4.05E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.05E-05	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
2448	ALL	653892.8	4189556	NonCancer	0.00E+00	4.14E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
2449	ALL	653851.7	4189572	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03

2450	ALL	655408.1	4188080	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
2451	ALL	655411.2	4188035	NonCancer	0.00E+00	4.20E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
2452	ALL	655414.4	4187991	NonCancer	0.00E+00	4.01E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2453	ALL	655646.3	4188139	NonCancer	0.00E+00	3.37E-05	8.52E-04	0.00E+00	0.00E+00	8.52E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	8.52E-04
2454	ALL	655627.1	4188180	NonCancer	0.00E+00	3.37E-05	8.51E-04	0.00E+00	0.00E+00	8.51E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.51E-04
2455	ALL	655608	4188220	NonCancer	0.00E+00	3.44E-05	8.70E-04	0.00E+00	0.00E+00	8.70E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	8.70E-04
2456	ALL	655588.8	4188260	NonCancer	0.00E+00	3.38E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
2457	ALL	655569.7	4188300	NonCancer	0.00E+00	3.45E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
2458	ALL	655550.5	4188340	NonCancer	0.00E+00	3.50E-05	8.86E-04	0.00E+00	0.00E+00	8.86E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	8.86E-04
2459	ALL	655531.3	4188380	NonCancer	0.00E+00	3.55E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
2460	ALL	655512.2	4188420	NonCancer	0.00E+00	3.62E-05	9.16E-04	0.00E+00	0.00E+00	9.16E-04	3.62E-05	0.00E+00	3.62E-05	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	9.16E-04
2461	ALL	655493	4188460	NonCancer	0.00E+00	3.61E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
2462	ALL	655473.9	4188500	NonCancer	0.00E+00	3.70E-05	9.33E-04	0.00E+00	0.00E+00	9.33E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	9.33E-04
2463	ALL	655454.7	4188540	NonCancer	0.00E+00	3.60E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.60E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
2464	ALL	655435.6	4188581	NonCancer	0.00E+00	3.66E-05	9.25E-04	0.00E+00	0.00E+00	9.25E-04	3.66E-05	0.00E+00	3.66E-05	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	9.25E-04
2465	ALL	655416.4	4188621	NonCancer	0.00E+00	3.60E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.60E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
2466	ALL	655397.2	4188661	NonCancer	0.00E+00	3.63E-05	9.21E-04	0.00E+00	0.00E+00	9.21E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	9.21E-04
2467	ALL	655378.1	4188701	NonCancer	0.00E+00	3.66E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.66E-05	0.00E+00	3.66E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
2468	ALL	655358.9	4188741	NonCancer	0.00E+00	3.64E-05	9.23E-04	0.00E+00	0.00E+00	9.23E-04	3.64E-05	0.00E+00	3.64E-05	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	9.23E-04
2469	ALL	655339.8	4188781	NonCancer	0.00E+00	3.63E-05	9.17E-04	0.00E+00	0.00E+00	9.17E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	9.17E-04
2470	ALL	655320.6	4188821	NonCancer	0.00E+00	3.68E-05	9.31E-04	0.00E+00	0.00E+00	9.31E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.31E-04	0.00E+00	0.00E+00	9.31E-04
2471	ALL	655301.4	4188861	NonCancer	0.00E+00	3.68E-05	9.37E-04	0.00E+00	0.00E+00	9.37E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	9.37E-04
2472	ALL	655282.3	4188901	NonCancer	0.00E+00	4.84E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.84E-05	0.00E+00	4.84E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2473	ALL	655263.1	4188941	NonCancer	0.00E+00	4.95E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.95E-05	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2474	ALL	655244	4188981	NonCancer	0.00E+00	3.96E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	3.96E-05	0.00E+00	3.96E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
2475	ALL	655224.8	4189022	NonCancer	0.00E+00	3.98E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2476	ALL	655205.7	4189062	NonCancer	0.00E+00	3.51E-05	9.05E-04	0.00E+00	0.00E+00	9.05E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	9.05E-04
2477	ALL	655186.5	4189102	NonCancer	0.00E+00	3.49E-05	8.84E-04	0.00E+00	0.00E+00	8.84E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	8.84E-04
2478	ALL	655167.3	4189142	NonCancer	0.00E+00	4.33E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.33E-05	0.00E+00	4.33E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2479	ALL	655148.2	4189182	NonCancer	0.00E+00	4.85E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
2480	ALL	655129	4189222	NonCancer	0.00E+00	4.62E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2481	ALL	655109.9	4189262	NonCancer	0.00E+00	3.76E-05	9.90E-04	0.00E+00	0.00E+00	9.90E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.90E-04	0.00E+00	0.00E+00	9.90E-04
2482	ALL	655090.7	4189302	NonCancer	0.00E+00	3.55E-05	9.19E-04	0.00E+00	0.00E+00	9.19E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	9.19E-04
2483	ALL	655050.9	4189350	NonCancer	0.00E+00	3.90E-05	9.76E-04	0.00E+00	0.00E+00	9.76E-04	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	9.76E-04
2484	ALL	655009.5	4189367	NonCancer	0.00E+00	3.88E-05	9.83E-04	0.00E+00	0.00E+00	9.83E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.83E-04	0.00E+00	0.00E+00	9.83E-04
2485	ALL	654968.2	4189383	NonCancer	0.00E+00	3.68E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
2486	ALL	654926.8	4189399	NonCancer	0.00E+00	3.40E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
2487	ALL	654885.5	4189416	NonCancer	0.00E+00	3.91E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.91E-05	0.00E+00	3.91E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
2488	ALL	654844.2	4189432	NonCancer	0.00E+00	3.84E-05	9.82E-04	0.00E+00	0.00E+00	9.82E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	9.82E-04
2489	ALL	654802.8	4189448	NonCancer	0.00E+00	3.75E-05	9.60E-04	0.00E+00	0.00E+00	9.60E-04	3.75E-05	0.00E+00	3.75E-05	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	9.60E-04
2490	ALL	654761.5	4189464	NonCancer	0.00E+00	3.80E-05	9.69E-04	0.00E+00	0.00E+00	9.69E-04	3.80E-05	0.00E+00	3.80E-05	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	9.69E-04
2491	ALL	654720.1	4189481	NonCancer	0.00E+00	3.70E-05	9.47E-04	0.00E+00	0.00E+00	9.47E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	9.47E-04
2492	ALL	654678.8	4189497	NonCancer	0.00E+00	3.98E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2493	ALL	654637.4	4189513	NonCancer	0.00E+00	3.99E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
2494	ALL	654596.1	4189529	NonCancer	0.00E+00	3.86E-05	9.87E-04	0.00E+00	0.00E+00	9.87E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.87E-04	0.00E+00	0.00E+00	9.87E-04
2495	ALL	654554.7	4189546	NonCancer	0.00E+00	3.93E-05	9.99E-04	0.00E+00	0.00E+00	9.99E-04	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	9.99E-04
2496	ALL	654513.4	4189562	NonCancer	0.00E+00	3.58E-05	9.25E-04	0.00E+00	0.00E+00	9.25E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	9.25E-04
2497	ALL	654472	4189578	NonCancer	0.00E+00	3.67E-05	9.34E-04	0.00E+00	0.00E+00	9.34E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	9.34E-04
2498	ALL	654430.7	4189595	NonCancer	0.00E+00	3.66E-05	9.34E-04	0.00E+00	0.00E+00	9.34E-04	3.66E-05	0.00E+00	3.66E-05	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	9.34E-04
2499	ALL	654389.3	4189611	NonCancer	0.00E+00	3.92E-05	9.93E-04	0.00E+00	0.00E+00	9.93E-04	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	9.93E-04

2500	ALL	654348	4189627	NonCancer	0.00E+00	3.90E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
2501	ALL	654306.7	4189643	NonCancer	0.00E+00	3.50E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
2502	ALL	654265.3	4189660	NonCancer	0.00E+00	3.67E-05	9.30E-04	0.00E+00	0.00E+00	9.30E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.30E-04
2503	ALL	654224	4189676	NonCancer	0.00E+00	3.89E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
2504	ALL	654182.6	4189692	NonCancer	0.00E+00	3.84E-05	9.79E-04	0.00E+00	0.00E+00	9.79E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	9.79E-04
2505	ALL	654141.3	4189708	NonCancer	0.00E+00	3.82E-05	9.75E-04	0.00E+00	0.00E+00	9.75E-04	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	9.75E-04
2506	ALL	654099.9	4189725	NonCancer	0.00E+00	4.06E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
2507	ALL	654058.6	4189741	NonCancer	0.00E+00	3.73E-05	9.61E-04	0.00E+00	0.00E+00	9.61E-04	3.73E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	9.61E-04
2508	ALL	654017.2	4189757	NonCancer	0.00E+00	3.38E-05	8.74E-04	0.00E+00	0.00E+00	8.74E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	8.74E-04
2509	ALL	653975.9	4189774	NonCancer	0.00E+00	3.34E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
2510	ALL	653934.5	4189790	NonCancer	0.00E+00	3.33E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
2511	ALL	653893.2	4189806	NonCancer	0.00E+00	3.48E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
2512	ALL	653851.8	4189822	NonCancer	0.00E+00	3.39E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
2513	ALL	655657.4	4188097	NonCancer	0.00E+00	3.37E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
2514	ALL	655660.6	4188053	NonCancer	0.00E+00	3.48E-05	8.81E-04	0.00E+00	0.00E+00	8.81E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	8.81E-04
2515	ALL	655663.7	4188008	NonCancer	0.00E+00	3.31E-05	8.38E-04	0.00E+00	0.00E+00	8.38E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	8.38E-04
2516	ALL	656145.1	4188175	NonCancer	0.00E+00	2.44E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
2517	ALL	656126.1	4188215	NonCancer	0.00E+00	2.33E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
2518	ALL	656107	4188254	NonCancer	0.00E+00	2.48E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
2519	ALL	656088	4188294	NonCancer	0.00E+00	2.50E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
2520	ALL	656069	4188334	NonCancer	0.00E+00	2.44E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
2521	ALL	656049.9	4188374	NonCancer	0.00E+00	2.46E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
2522	ALL	656030.9	4188414	NonCancer	0.00E+00	2.56E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2523	ALL	656011.9	4188454	NonCancer	0.00E+00	2.70E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
2524	ALL	655992.8	4188493	NonCancer	0.00E+00	2.90E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
2525	ALL	655973.8	4188533	NonCancer	0.00E+00	2.64E-05	6.74E-04	0.00E+00	0.00E+00	6.74E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
2526	ALL	655954.8	4188573	NonCancer	0.00E+00	2.57E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2527	ALL	655935.8	4188613	NonCancer	0.00E+00	2.62E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
2528	ALL	655916.7	4188653	NonCancer	0.00E+00	2.65E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
2529	ALL	655897.7	4188692	NonCancer	0.00E+00	2.61E-05	6.62E-04	0.00E+00	0.00E+00	6.62E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	6.62E-04
2530	ALL	655878.7	4188732	NonCancer	0.00E+00	2.64E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2531	ALL	655859.6	4188772	NonCancer	0.00E+00	2.61E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
2532	ALL	655840.6	4188812	NonCancer	0.00E+00	2.66E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2533	ALL	655821.6	4188852	NonCancer	0.00E+00	2.63E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2534	ALL	655802.5	4188892	NonCancer	0.00E+00	2.65E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
2535	ALL	655783.5	4188931	NonCancer	0.00E+00	2.66E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2536	ALL	655764.5	4188971	NonCancer	0.00E+00	2.60E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
2537	ALL	655745.4	4189011	NonCancer	0.00E+00	2.64E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2538	ALL	655726.4	4189051	NonCancer	0.00E+00	2.63E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2539	ALL	655707.4	4189091	NonCancer	0.00E+00	2.86E-05	7.33E-04	0.00E+00	0.00E+00	7.33E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	7.33E-04
2540	ALL	655688.3	4189131	NonCancer	0.00E+00	3.86E-05	9.68E-04	0.00E+00	0.00E+00	9.68E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	9.68E-04
2541	ALL	655669.3	4189170	NonCancer	0.00E+00	4.30E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.30E-05	0.00E+00	4.30E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
2542	ALL	655650.3	4189210	NonCancer	0.00E+00	3.97E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.97E-05	0.00E+00	3.97E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2543	ALL	655631.2	4189250	NonCancer	0.00E+00	3.04E-05	8.13E-04	0.00E+00	0.00E+00	8.13E-04	3.04E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.13E-04
2544	ALL	655612.2	4189290	NonCancer	0.00E+00	2.93E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04
2545	ALL	655593.2	4189330	NonCancer	0.00E+00	2.59E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
2546	ALL	655574.2	4189370	NonCancer	0.00E+00	2.51E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2547	ALL	655555.1	4189409	NonCancer	0.00E+00	2.89E-05	7.42E-04	0.00E+00	0.00E+00	7.42E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	7.42E-04
2548	ALL	655536.1	4189449	NonCancer	0.00E+00	3.65E-05	9.19E-04	0.00E+00	0.00E+00	9.19E-04	3.65E-05	0.00E+00	3.65E-05	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	9.19E-04
2549	ALL	655517.1	4189489	NonCancer	0.00E+00	4.08E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03

2550	ALL	655498	4189529	NonCancer	0.00E+00	4.04E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
2551	ALL	655479	4189569	NonCancer	0.00E+00	3.57E-05	9.22E-04	0.00E+00	0.00E+00	9.22E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	9.22E-04
2552	ALL	655460	4189609	NonCancer	0.00E+00	2.82E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
2553	ALL	655440.9	4189648	NonCancer	0.00E+00	2.59E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
2554	ALL	655421.9	4189688	NonCancer	0.00E+00	2.87E-05	7.21E-04	0.00E+00	0.00E+00	7.21E-04	2.87E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	7.21E-04
2555	ALL	655391.8	4189716	NonCancer	0.00E+00	3.32E-05	8.30E-04	0.00E+00	0.00E+00	8.30E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	8.30E-04
2556	ALL	655350.8	4189732	NonCancer	0.00E+00	3.30E-05	8.36E-04	0.00E+00	0.00E+00	8.36E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	8.36E-04
2557	ALL	655309.7	4189749	NonCancer	0.00E+00	2.82E-05	7.35E-04	0.00E+00	0.00E+00	7.35E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
2558	ALL	655268.6	4189765	NonCancer	0.00E+00	2.47E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2559	ALL	655227.6	4189781	NonCancer	0.00E+00	2.51E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2560	ALL	655186.5	4189797	NonCancer	0.00E+00	2.83E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.83E-05	0.00E+00	2.83E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
2561	ALL	655145.4	4189813	NonCancer	0.00E+00	2.81E-05	7.17E-04	0.00E+00	0.00E+00	7.17E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	7.17E-04
2562	ALL	655104.3	4189829	NonCancer	0.00E+00	2.68E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
2563	ALL	655063.3	4189846	NonCancer	0.00E+00	2.76E-05	6.98E-04	0.00E+00	0.00E+00	6.98E-04	2.76E-05	0.00E+00	2.76E-05	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	6.98E-04
2564	ALL	655022.2	4189862	NonCancer	0.00E+00	2.71E-05	6.92E-04	0.00E+00	0.00E+00	6.92E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	6.92E-04
2565	ALL	654981.1	4189878	NonCancer	0.00E+00	2.62E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2566	ALL	654940	4189894	NonCancer	0.00E+00	2.85E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.85E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
2567	ALL	654899	4189910	NonCancer	0.00E+00	2.94E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
2568	ALL	654857.9	4189926	NonCancer	0.00E+00	2.73E-05	7.05E-04	0.00E+00	0.00E+00	7.05E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	7.05E-04
2569	ALL	654816.8	4189943	NonCancer	0.00E+00	2.80E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.80E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
2570	ALL	654775.7	4189959	NonCancer	0.00E+00	2.86E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
2571	ALL	654734.7	4189975	NonCancer	0.00E+00	2.64E-05	6.80E-04	0.00E+00	0.00E+00	6.80E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	6.80E-04
2572	ALL	654693.6	4189991	NonCancer	0.00E+00	2.65E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
2573	ALL	654652.5	4190007	NonCancer	0.00E+00	2.61E-05	6.67E-04	0.00E+00	0.00E+00	6.67E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.67E-04
2574	ALL	654611.4	4190023	NonCancer	0.00E+00	2.63E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
2575	ALL	654570.4	4190040	NonCancer	0.00E+00	2.85E-05	7.20E-04	0.00E+00	0.00E+00	7.20E-04	2.85E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	7.20E-04
2576	ALL	654529.3	4190056	NonCancer	0.00E+00	2.86E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
2577	ALL	654488.2	4190072	NonCancer	0.00E+00	2.65E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
2578	ALL	654447.1	4190088	NonCancer	0.00E+00	2.50E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2579	ALL	654406.1	4190104	NonCancer	0.00E+00	2.63E-05	6.65E-04	0.00E+00	0.00E+00	6.65E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	6.65E-04
2580	ALL	654365	4190120	NonCancer	0.00E+00	2.79E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.79E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
2581	ALL	654323.9	4190137	NonCancer	0.00E+00	2.71E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
2582	ALL	654282.8	4190153	NonCancer	0.00E+00	2.81E-05	7.11E-04	0.00E+00	0.00E+00	7.11E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	7.11E-04
2583	ALL	654241.8	4190169	NonCancer	0.00E+00	2.79E-05	7.10E-04	0.00E+00	0.00E+00	7.10E-04	2.79E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	7.10E-04
2584	ALL	654200.7	4190185	NonCancer	0.00E+00	2.94E-05	7.46E-04	0.00E+00	0.00E+00	7.46E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
2585	ALL	654159.6	4190201	NonCancer	0.00E+00	2.74E-05	7.04E-04	0.00E+00	0.00E+00	7.04E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	7.04E-04
2586	ALL	654118.6	4190217	NonCancer	0.00E+00	2.53E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2587	ALL	654077.5	4190234	NonCancer	0.00E+00	2.41E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
2588	ALL	654036.4	4190250	NonCancer	0.00E+00	2.40E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
2589	ALL	653995.3	4190266	NonCancer	0.00E+00	2.39E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
2590	ALL	653954.3	4190282	NonCancer	0.00E+00	2.71E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
2591	ALL	653913.2	4190298	NonCancer	0.00E+00	2.67E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
2592	ALL	653872.1	4190314	NonCancer	0.00E+00	2.50E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2593	ALL	656156.2	4188133	NonCancer	0.00E+00	2.41E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
2594	ALL	656159.3	4188088	NonCancer	0.00E+00	2.53E-05	6.42E-04	0.00E+00	0.00E+00	6.42E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	6.42E-04
2595	ALL	656162.5	4188044	NonCancer	0.00E+00	2.46E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
2596	ALL	656643.8	4188210	NonCancer	0.00E+00	1.87E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
2597	ALL	656624.6	4188250	NonCancer	0.00E+00	1.84E-05	4.67E-04	0.00E+00	0.00E+00	4.67E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	4.67E-04
2598	ALL	656605.5	4188290	NonCancer	0.00E+00	1.86E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
2599	ALL	656586.3	4188330	NonCancer	0.00E+00	1.90E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04

2600	ALL	656567.2	4188370	NonCancer	0.00E+00	1.92E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
2601	ALL	656548	4188411	NonCancer	0.00E+00	1.87E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
2602	ALL	656528.9	4188451	NonCancer	0.00E+00	1.89E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2603	ALL	656509.7	4188491	NonCancer	0.00E+00	1.96E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
2604	ALL	656490.6	4188531	NonCancer	0.00E+00	2.07E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
2605	ALL	656471.4	4188571	NonCancer	0.00E+00	2.46E-05	6.18E-04	0.00E+00	0.00E+00	6.18E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	6.18E-04
2606	ALL	656452.3	4188611	NonCancer	0.00E+00	2.50E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
2607	ALL	656433.1	4188651	NonCancer	0.00E+00	2.17E-05	5.61E-04	0.00E+00	0.00E+00	5.61E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	5.61E-04
2608	ALL	656414	4188691	NonCancer	0.00E+00	1.99E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
2609	ALL	656394.8	4188731	NonCancer	0.00E+00	2.02E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2610	ALL	656375.7	4188771	NonCancer	0.00E+00	2.05E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2611	ALL	656356.5	4188811	NonCancer	0.00E+00	1.96E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
2612	ALL	656337.4	4188851	NonCancer	0.00E+00	2.02E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
2613	ALL	656318.2	4188892	NonCancer	0.00E+00	2.03E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
2614	ALL	656299	4188932	NonCancer	0.00E+00	2.00E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
2615	ALL	656279.9	4188972	NonCancer	0.00E+00	2.02E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
2616	ALL	656260.7	4189012	NonCancer	0.00E+00	2.01E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
2617	ALL	656241.6	4189052	NonCancer	0.00E+00	2.00E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2618	ALL	656222.4	4189092	NonCancer	0.00E+00	2.02E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
2619	ALL	656203.3	4189132	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
2620	ALL	656184.1	4189172	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2621	ALL	656165	4189212	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2622	ALL	656145.8	4189252	NonCancer	0.00E+00	2.06E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
2623	ALL	656126.7	4189292	NonCancer	0.00E+00	1.95E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2624	ALL	656107.5	4189332	NonCancer	0.00E+00	2.59E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
2625	ALL	656088.4	4189373	NonCancer	0.00E+00	3.36E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
2626	ALL	656069.2	4189413	NonCancer	0.00E+00	3.74E-05	9.37E-04	0.00E+00	0.00E+00	9.37E-04	3.74E-05	0.00E+00	3.74E-05	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	9.37E-04
2627	ALL	656050.1	4189453	NonCancer	0.00E+00	3.58E-05	9.10E-04	0.00E+00	0.00E+00	9.10E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	9.10E-04
2628	ALL	656030.9	4189493	NonCancer	0.00E+00	2.97E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
2629	ALL	656011.8	4189533	NonCancer	0.00E+00	2.29E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
2630	ALL	655992.6	4189573	NonCancer	0.00E+00	2.23E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
2631	ALL	655973.5	4189613	NonCancer	0.00E+00	1.97E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
2632	ALL	655954.3	4189653	NonCancer	0.00E+00	1.93E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
2633	ALL	655935.2	4189693	NonCancer	0.00E+00	2.19E-05	5.72E-04	0.00E+00	0.00E+00	5.72E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	5.72E-04
2634	ALL	655916	4189733	NonCancer	0.00E+00	2.84E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.84E-05	0.00E+00	2.84E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
2635	ALL	655896.9	4189773	NonCancer	0.00E+00	3.34E-05	8.40E-04	0.00E+00	0.00E+00	8.40E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.40E-04
2636	ALL	655877.7	4189813	NonCancer	0.00E+00	3.57E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
2637	ALL	655858.5	4189853	NonCancer	0.00E+00	3.49E-05	8.82E-04	0.00E+00	0.00E+00	8.82E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	8.82E-04
2638	ALL	655839.4	4189894	NonCancer	0.00E+00	3.11E-05	8.01E-04	0.00E+00	0.00E+00	8.01E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	8.01E-04
2639	ALL	655820.2	4189934	NonCancer	0.00E+00	2.54E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
2640	ALL	655801.1	4189974	NonCancer	0.00E+00	2.09E-05	5.62E-04	0.00E+00	0.00E+00	5.62E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04
2641	ALL	655781.9	4190014	NonCancer	0.00E+00	2.09E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
2642	ALL	655762.8	4190054	NonCancer	0.00E+00	2.59E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2643	ALL	655732.5	4190082	NonCancer	0.00E+00	2.90E-05	7.26E-04	0.00E+00	0.00E+00	7.26E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	7.26E-04
2644	ALL	655691.2	4190098	NonCancer	0.00E+00	2.89E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
2645	ALL	655649.9	4190115	NonCancer	0.00E+00	2.55E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
2646	ALL	655608.5	4190131	NonCancer	0.00E+00	2.01E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
2647	ALL	655567.2	4190147	NonCancer	0.00E+00	1.83E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
2648	ALL	655525.9	4190163	NonCancer	0.00E+00	1.97E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
2649	ALL	655484.5	4190180	NonCancer	0.00E+00	2.18E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04

2650	ALL	655443.2	4190196	NonCancer	0.00E+00	2.16E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
2651	ALL	655401.9	4190212	NonCancer	0.00E+00	2.02E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2652	ALL	655360.5	4190229	NonCancer	0.00E+00	2.06E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
2653	ALL	655319.2	4190245	NonCancer	0.00E+00	2.12E-05	5.39E-04	0.00E+00	0.00E+00	5.39E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	5.39E-04
2654	ALL	655277.9	4190261	NonCancer	0.00E+00	2.08E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
2655	ALL	655236.5	4190277	NonCancer	0.00E+00	2.02E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
2656	ALL	655195.2	4190294	NonCancer	0.00E+00	2.18E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
2657	ALL	655153.9	4190310	NonCancer	0.00E+00	2.25E-05	5.69E-04	0.00E+00	0.00E+00	5.69E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	5.69E-04
2658	ALL	655112.5	4190326	NonCancer	0.00E+00	2.19E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
2659	ALL	655071.2	4190342	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2660	ALL	655029.9	4190359	NonCancer	0.00E+00	2.19E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
2661	ALL	654988.5	4190375	NonCancer	0.00E+00	2.18E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
2662	ALL	654947.2	4190391	NonCancer	0.00E+00	2.03E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
2663	ALL	654905.9	4190407	NonCancer	0.00E+00	2.00E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2664	ALL	654864.5	4190424	NonCancer	0.00E+00	2.03E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
2665	ALL	654823.2	4190440	NonCancer	0.00E+00	1.99E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
2666	ALL	654781.9	4190456	NonCancer	0.00E+00	2.08E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
2667	ALL	654740.5	4190473	NonCancer	0.00E+00	2.19E-05	5.54E-04	0.00E+00	0.00E+00	5.54E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	5.54E-04
2668	ALL	654699.2	4190489	NonCancer	0.00E+00	2.19E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
2669	ALL	654657.9	4190505	NonCancer	0.00E+00	2.07E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
2670	ALL	654616.5	4190521	NonCancer	0.00E+00	1.93E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2671	ALL	654575.2	4190538	NonCancer	0.00E+00	1.93E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
2672	ALL	654533.8	4190554	NonCancer	0.00E+00	2.04E-05	5.15E-04	0.00E+00	0.00E+00	5.15E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	5.15E-04
2673	ALL	654492.5	4190570	NonCancer	0.00E+00	2.14E-05	5.42E-04	0.00E+00	0.00E+00	5.42E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	5.42E-04
2674	ALL	654451.2	4190586	NonCancer	0.00E+00	2.08E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
2675	ALL	654409.8	4190603	NonCancer	0.00E+00	2.14E-05	5.43E-04	0.00E+00	0.00E+00	5.43E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	5.43E-04
2676	ALL	654368.5	4190619	NonCancer	0.00E+00	2.11E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
2677	ALL	654327.2	4190635	NonCancer	0.00E+00	2.22E-05	5.61E-04	0.00E+00	0.00E+00	5.61E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	5.61E-04
2678	ALL	654285.8	4190652	NonCancer	0.00E+00	2.23E-05	5.68E-04	0.00E+00	0.00E+00	5.68E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	5.68E-04
2679	ALL	654244.5	4190668	NonCancer	0.00E+00	2.09E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
2680	ALL	654203.2	4190684	NonCancer	0.00E+00	1.95E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2681	ALL	654161.8	4190700	NonCancer	0.00E+00	1.86E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2682	ALL	654120.5	4190717	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
2683	ALL	654079.2	4190733	NonCancer	0.00E+00	1.84E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
2684	ALL	654037.8	4190749	NonCancer	0.00E+00	2.11E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
2685	ALL	653996.5	4190765	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
2686	ALL	653955.2	4190782	NonCancer	0.00E+00	2.34E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
2687	ALL	653913.8	4190798	NonCancer	0.00E+00	2.03E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04
2688	ALL	653872.5	4190814	NonCancer	0.00E+00	2.04E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
2689	ALL	656654.9	4188168	NonCancer	0.00E+00	1.84E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
2690	ALL	656658.1	4188124	NonCancer	0.00E+00	1.94E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
2691	ALL	656661.2	4188079	NonCancer	0.00E+00	1.88E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2692	ALL	657142.6	4188245	NonCancer	0.00E+00	1.51E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
2693	ALL	657123.5	4188285	NonCancer	0.00E+00	1.51E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
2694	ALL	657104.5	4188325	NonCancer	0.00E+00	1.43E-05	3.65E-04	0.00E+00	0.00E+00	3.65E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	3.65E-04
2695	ALL	657085.4	4188365	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
2696	ALL	657066.3	4188405	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
2697	ALL	657047.3	4188445	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
2698	ALL	657028.2	4188485	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
2699	ALL	657009.1	4188525	NonCancer	0.00E+00	1.50E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04

2700	ALL	656990.1	4188565	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
2701	ALL	656971	4188605	NonCancer	0.00E+00	1.59E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2702	ALL	656951.9	4188644	NonCancer	0.00E+00	1.98E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
2703	ALL	656932.9	4188684	NonCancer	0.00E+00	2.23E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
2704	ALL	656913.8	4188724	NonCancer	0.00E+00	2.22E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
2705	ALL	656894.7	4188764	NonCancer	0.00E+00	1.94E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2706	ALL	656875.7	4188804	NonCancer	0.00E+00	1.61E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
2707	ALL	656856.6	4188844	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2708	ALL	656837.6	4188884	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2709	ALL	656818.5	4188924	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2710	ALL	656799.4	4188964	NonCancer	0.00E+00	1.54E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
2711	ALL	656780.4	4189003	NonCancer	0.00E+00	1.62E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
2712	ALL	656761.3	4189043	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2713	ALL	656742.2	4189083	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2714	ALL	656723.2	4189123	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2715	ALL	656704.1	4189163	NonCancer	0.00E+00	1.64E-05	4.14E-04	0.00E+00	0.00E+00	4.14E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	4.14E-04
2716	ALL	656685	4189203	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2717	ALL	656666	4189243	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2718	ALL	656646.9	4189283	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2719	ALL	656627.8	4189323	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2720	ALL	656608.8	4189363	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2721	ALL	656589.7	4189402	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
2722	ALL	656570.7	4189442	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2723	ALL	656551.6	4189482	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2724	ALL	656532.5	4189522	NonCancer	0.00E+00	1.58E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
2725	ALL	656513.5	4189562	NonCancer	0.00E+00	2.16E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
2726	ALL	656494.4	4189602	NonCancer	0.00E+00	2.81E-05	7.12E-04	0.00E+00	0.00E+00	7.12E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.12E-04
2727	ALL	656475.3	4189642	NonCancer	0.00E+00	3.24E-05	8.14E-04	0.00E+00	0.00E+00	8.14E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	8.14E-04
2728	ALL	656456.3	4189682	NonCancer	0.00E+00	3.32E-05	8.36E-04	0.00E+00	0.00E+00	8.36E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	8.36E-04
2729	ALL	656437.2	4189722	NonCancer	0.00E+00	3.02E-05	7.73E-04	0.00E+00	0.00E+00	7.73E-04	3.02E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	7.73E-04
2730	ALL	656418.1	4189762	NonCancer	0.00E+00	2.44E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
2731	ALL	656399.1	4189801	NonCancer	0.00E+00	1.85E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
2732	ALL	656380	4189841	NonCancer	0.00E+00	1.81E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
2733	ALL	656360.9	4189881	NonCancer	0.00E+00	1.61E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
2734	ALL	656341.9	4189921	NonCancer	0.00E+00	1.56E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
2735	ALL	656322.8	4189961	NonCancer	0.00E+00	1.58E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
2736	ALL	656303.7	4190001	NonCancer	0.00E+00	2.02E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
2737	ALL	656284.7	4190041	NonCancer	0.00E+00	2.53E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
2738	ALL	656265.6	4190081	NonCancer	0.00E+00	2.94E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
2739	ALL	656246.6	4190121	NonCancer	0.00E+00	3.15E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
2740	ALL	656227.5	4190160	NonCancer	0.00E+00	3.14E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
2741	ALL	656208.4	4190200	NonCancer	0.00E+00	2.91E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
2742	ALL	656189.4	4190240	NonCancer	0.00E+00	2.52E-05	6.58E-04	0.00E+00	0.00E+00	6.58E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	6.58E-04
2743	ALL	656170.3	4190280	NonCancer	0.00E+00	2.04E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
2744	ALL	656151.2	4190320	NonCancer	0.00E+00	1.68E-05	4.58E-04	0.00E+00	0.00E+00	4.58E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
2745	ALL	656132.2	4190360	NonCancer	0.00E+00	1.75E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
2746	ALL	656113.1	4190400	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
2747	ALL	656073.5	4190448	NonCancer	0.00E+00	2.58E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2748	ALL	656032.3	4190464	NonCancer	0.00E+00	2.57E-05	6.50E-04	0.00E+00	0.00E+00	6.50E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	6.50E-04
2749	ALL	655991.2	4190480	NonCancer	0.00E+00	2.33E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04

2750	ALL	655950	4190496	NonCancer	0.00E+00	1.92E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2751	ALL	655908.9	4190513	NonCancer	0.00E+00	1.54E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
2752	ALL	655867.7	4190529	NonCancer	0.00E+00	1.49E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
2753	ALL	655826.6	4190545	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
2754	ALL	655785.5	4190561	NonCancer	0.00E+00	1.74E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
2755	ALL	655744.3	4190577	NonCancer	0.00E+00	1.74E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
2756	ALL	655703.2	4190594	NonCancer	0.00E+00	1.60E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
2757	ALL	655662	4190610	NonCancer	0.00E+00	1.65E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
2758	ALL	655620.9	4190626	NonCancer	0.00E+00	1.68E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
2759	ALL	655579.7	4190642	NonCancer	0.00E+00	1.68E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
2760	ALL	655538.6	4190658	NonCancer	0.00E+00	1.65E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
2761	ALL	655497.4	4190675	NonCancer	0.00E+00	1.59E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
2762	ALL	655456.3	4190691	NonCancer	0.00E+00	1.73E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
2763	ALL	655415.1	4190707	NonCancer	0.00E+00	1.76E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
2764	ALL	655374	4190723	NonCancer	0.00E+00	1.79E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
2765	ALL	655332.9	4190739	NonCancer	0.00E+00	1.68E-05	4.32E-04	0.00E+00	0.00E+00	4.32E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	4.32E-04
2766	ALL	655291.7	4190756	NonCancer	0.00E+00	1.59E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2767	ALL	655250.6	4190772	NonCancer	0.00E+00	1.75E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
2768	ALL	655209.4	4190788	NonCancer	0.00E+00	1.75E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
2769	ALL	655168.3	4190804	NonCancer	0.00E+00	1.64E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
2770	ALL	655127.1	4190820	NonCancer	0.00E+00	1.54E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
2771	ALL	655086	4190837	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2772	ALL	655044.8	4190853	NonCancer	0.00E+00	1.59E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2773	ALL	655003.7	4190869	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
2774	ALL	654962.6	4190885	NonCancer	0.00E+00	1.65E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
2775	ALL	654921.4	4190901	NonCancer	0.00E+00	1.75E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
2776	ALL	654880.3	4190918	NonCancer	0.00E+00	1.73E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
2777	ALL	654839.1	4190934	NonCancer	0.00E+00	1.71E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
2778	ALL	654798	4190950	NonCancer	0.00E+00	1.56E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2779	ALL	654756.8	4190966	NonCancer	0.00E+00	1.53E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
2780	ALL	654715.7	4190982	NonCancer	0.00E+00	1.54E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
2781	ALL	654674.5	4190999	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2782	ALL	654633.4	4191015	NonCancer	0.00E+00	1.69E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
2783	ALL	654592.2	4191031	NonCancer	0.00E+00	1.70E-05	4.32E-04	0.00E+00	0.00E+00	4.32E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	4.32E-04
2784	ALL	654551.1	4191047	NonCancer	0.00E+00	1.64E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
2785	ALL	654510	4191063	NonCancer	0.00E+00	1.73E-05	4.37E-04	0.00E+00	0.00E+00	4.37E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	4.37E-04
2786	ALL	654468.8	4191080	NonCancer	0.00E+00	1.65E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
2787	ALL	654427.7	4191096	NonCancer	0.00E+00	1.78E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
2788	ALL	654386.5	4191112	NonCancer	0.00E+00	1.80E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
2789	ALL	654345.4	4191128	NonCancer	0.00E+00	1.68E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
2790	ALL	654304.2	4191144	NonCancer	0.00E+00	1.59E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2791	ALL	654263.1	4191161	NonCancer	0.00E+00	1.51E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
2792	ALL	654221.9	4191177	NonCancer	0.00E+00	1.46E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
2793	ALL	654180.8	4191193	NonCancer	0.00E+00	1.49E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
2794	ALL	654139.7	4191209	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
2795	ALL	654098.5	4191225	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
2796	ALL	654057.4	4191241	NonCancer	0.00E+00	2.05E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
2797	ALL	654016.2	4191258	NonCancer	0.00E+00	2.13E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
2798	ALL	653975.1	4191274	NonCancer	0.00E+00	1.99E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2799	ALL	653933.9	4191290	NonCancer	0.00E+00	1.68E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04

2800	ALL	653892.8	4191306	NonCancer	0.00E+00	1.64E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
2801	ALL	653851.6	4191322	NonCancer	0.00E+00	1.68E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
2802	ALL	657153.7	4188203	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
2803	ALL	657156.8	4188159	NonCancer	0.00E+00	1.54E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
2804	ALL	657160	4188114	NonCancer	0.00E+00	1.52E-05	3.86E-04	0.00E+00	0.00E+00	3.86E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	3.86E-04
2805	ALL	657641.3	4188281	NonCancer	0.00E+00	1.35E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
2806	ALL	657622.1	4188321	NonCancer	0.00E+00	1.37E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2807	ALL	657603	4188361	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
2808	ALL	657583.8	4188401	NonCancer	0.00E+00	1.22E-05	3.11E-04	0.00E+00	0.00E+00	3.11E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	3.11E-04
2809	ALL	657564.7	4188441	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
2810	ALL	657545.5	4188481	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
2811	ALL	657526.4	4188521	NonCancer	0.00E+00	1.25E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
2812	ALL	657507.2	4188561	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
2813	ALL	657488.1	4188601	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
2814	ALL	657468.9	4188642	NonCancer	0.00E+00	1.24E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
2815	ALL	657449.8	4188682	NonCancer	0.00E+00	1.30E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2816	ALL	657430.6	4188722	NonCancer	0.00E+00	1.58E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
2817	ALL	657411.5	4188762	NonCancer	0.00E+00	1.89E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
2818	ALL	657392.3	4188802	NonCancer	0.00E+00	2.04E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
2819	ALL	657373.2	4188842	NonCancer	0.00E+00	1.97E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
2820	ALL	657354	4188882	NonCancer	0.00E+00	1.71E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
2821	ALL	657334.9	4188922	NonCancer	0.00E+00	1.34E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2822	ALL	657315.7	4188962	NonCancer	0.00E+00	1.32E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
2823	ALL	657296.6	4189002	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2824	ALL	657277.4	4189042	NonCancer	0.00E+00	1.35E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
2825	ALL	657258.3	4189082	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2826	ALL	657239.1	4189122	NonCancer	0.00E+00	1.28E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2827	ALL	657220	4189163	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2828	ALL	657200.8	4189203	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2829	ALL	657181.7	4189243	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2830	ALL	657162.6	4189283	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2831	ALL	657143.4	4189323	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2832	ALL	657124.3	4189363	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2833	ALL	657105.1	4189403	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2834	ALL	657086	4189443	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2835	ALL	657066.8	4189483	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2836	ALL	657047.7	4189523	NonCancer	0.00E+00	1.35E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
2837	ALL	657028.5	4189563	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2838	ALL	657009.4	4189603	NonCancer	0.00E+00	1.32E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
2839	ALL	656990.2	4189643	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2840	ALL	656971.1	4189683	NonCancer	0.00E+00	1.36E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
2841	ALL	656951.9	4189724	NonCancer	0.00E+00	1.31E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2842	ALL	656932.8	4189764	NonCancer	0.00E+00	1.44E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
2843	ALL	656913.6	4189804	NonCancer	0.00E+00	2.01E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2844	ALL	656894.5	4189844	NonCancer	0.00E+00	2.54E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04
2845	ALL	656875.3	4189884	NonCancer	0.00E+00	2.91E-05	7.31E-04	0.00E+00	0.00E+00	7.31E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	7.31E-04
2846	ALL	656856.2	4189924	NonCancer	0.00E+00	3.01E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
2847	ALL	656837	4189964	NonCancer	0.00E+00	2.82E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
2848	ALL	656817.9	4190004	NonCancer	0.00E+00	2.39E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
2849	ALL	656798.7	4190044	NonCancer	0.00E+00	1.85E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04

2850	ALL	656779.6	4190084	NonCancer	0.00E+00	1.53E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
2851	ALL	656760.4	4190124	NonCancer	0.00E+00	1.47E-05	3.86E-04	0.00E+00	0.00E+00	3.86E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	3.86E-04
2852	ALL	656741.3	4190164	NonCancer	0.00E+00	1.31E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2853	ALL	656722.1	4190204	NonCancer	0.00E+00	1.28E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
2854	ALL	656703	4190245	NonCancer	0.00E+00	1.30E-05	3.45E-04	0.00E+00	0.00E+00	3.45E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
2855	ALL	656683.8	4190285	NonCancer	0.00E+00	1.61E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
2856	ALL	656664.7	4190325	NonCancer	0.00E+00	2.05E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
2857	ALL	656645.5	4190365	NonCancer	0.00E+00	2.44E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
2858	ALL	656626.4	4190405	NonCancer	0.00E+00	2.73E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
2859	ALL	656607.2	4190445	NonCancer	0.00E+00	2.86E-05	7.20E-04	0.00E+00	0.00E+00	7.20E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	7.20E-04
2860	ALL	656588.1	4190485	NonCancer	0.00E+00	2.82E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
2861	ALL	656568.9	4190525	NonCancer	0.00E+00	2.62E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
2862	ALL	656549.8	4190565	NonCancer	0.00E+00	2.29E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
2863	ALL	656530.6	4190605	NonCancer	0.00E+00	1.89E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
2864	ALL	656511.5	4190645	NonCancer	0.00E+00	1.48E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2865	ALL	656492.3	4190685	NonCancer	0.00E+00	1.34E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
2866	ALL	656473.2	4190725	NonCancer	0.00E+00	1.67E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
2867	ALL	656454	4190766	NonCancer	0.00E+00	2.03E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
2868	ALL	656414.2	4190814	NonCancer	0.00E+00	2.34E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
2869	ALL	656372.9	4190830	NonCancer	0.00E+00	2.33E-05	5.88E-04	0.00E+00	0.00E+00	5.88E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	5.88E-04
2870	ALL	656331.5	4190846	NonCancer	0.00E+00	2.14E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
2871	ALL	656290.2	4190863	NonCancer	0.00E+00	1.81E-05	4.78E-04	0.00E+00	0.00E+00	4.78E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	4.78E-04
2872	ALL	656248.9	4190879	NonCancer	0.00E+00	1.42E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
2873	ALL	656207.6	4190895	NonCancer	0.00E+00	1.22E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2874	ALL	656166.2	4190911	NonCancer	0.00E+00	1.25E-05	3.26E-04	0.00E+00	0.00E+00	3.26E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
2875	ALL	656124.9	4190928	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2876	ALL	656083.6	4190944	NonCancer	0.00E+00	1.43E-05	3.62E-04	0.00E+00	0.00E+00	3.62E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2877	ALL	656042.2	4190960	NonCancer	0.00E+00	1.43E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
2878	ALL	656000.9	4190976	NonCancer	0.00E+00	1.33E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2879	ALL	655959.6	4190993	NonCancer	0.00E+00	1.35E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2880	ALL	655918.3	4191009	NonCancer	0.00E+00	1.35E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
2881	ALL	655876.9	4191025	NonCancer	0.00E+00	1.39E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
2882	ALL	655835.6	4191042	NonCancer	0.00E+00	1.36E-05	3.46E-04	0.00E+00	0.00E+00	3.46E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	3.46E-04
2883	ALL	655794.3	4191058	NonCancer	0.00E+00	1.35E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2884	ALL	655752.9	4191074	NonCancer	0.00E+00	1.31E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2885	ALL	655711.6	4191090	NonCancer	0.00E+00	1.42E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2886	ALL	655670.3	4191107	NonCancer	0.00E+00	1.43E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
2887	ALL	655629	4191123	NonCancer	0.00E+00	1.48E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
2888	ALL	655587.6	4191139	NonCancer	0.00E+00	1.43E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
2889	ALL	655546.3	4191155	NonCancer	0.00E+00	1.29E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2890	ALL	655505	4191172	NonCancer	0.00E+00	1.36E-05	3.45E-04	0.00E+00	0.00E+00	3.45E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
2891	ALL	655463.6	4191188	NonCancer	0.00E+00	1.46E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
2892	ALL	655422.3	4191204	NonCancer	0.00E+00	1.44E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
2893	ALL	655381	4191220	NonCancer	0.00E+00	1.35E-05	3.47E-04	0.00E+00	0.00E+00	3.47E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	3.47E-04
2894	ALL	655339.7	4191237	NonCancer	0.00E+00	1.31E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2895	ALL	655298.3	4191253	NonCancer	0.00E+00	1.31E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2896	ALL	655257	4191269	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2897	ALL	655215.7	4191286	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
2898	ALL	655174.3	4191302	NonCancer	0.00E+00	1.27E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
2899	ALL	655133	4191318	NonCancer	0.00E+00	1.39E-05	3.51E-04	0.00E+00	0.00E+00	3.51E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04

2900	ALL	655091.7	4191334	NonCancer	0.00E+00	1.44E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
2901	ALL	655050.4	4191351	NonCancer	0.00E+00	1.42E-05	3.62E-04	0.00E+00	0.00E+00	3.62E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2902	ALL	655009	4191367	NonCancer	0.00E+00	1.41E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2903	ALL	654967.7	4191383	NonCancer	0.00E+00	1.31E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
2904	ALL	654926.4	4191399	NonCancer	0.00E+00	1.26E-05	3.26E-04	0.00E+00	0.00E+00	3.26E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
2905	ALL	654885	4191416	NonCancer	0.00E+00	1.25E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
2906	ALL	654843.7	4191432	NonCancer	0.00E+00	1.29E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2907	ALL	654802.4	4191448	NonCancer	0.00E+00	1.35E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
2908	ALL	654761.1	4191464	NonCancer	0.00E+00	1.39E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2909	ALL	654719.7	4191481	NonCancer	0.00E+00	1.39E-05	3.55E-04	0.00E+00	0.00E+00	3.55E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.55E-04
2910	ALL	654678.4	4191497	NonCancer	0.00E+00	1.32E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2911	ALL	654637.1	4191513	NonCancer	0.00E+00	1.42E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
2912	ALL	654595.7	4191530	NonCancer	0.00E+00	1.40E-05	3.57E-04	0.00E+00	0.00E+00	3.57E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	3.57E-04
2913	ALL	654554.4	4191546	NonCancer	0.00E+00	1.39E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2914	ALL	654513.1	4191562	NonCancer	0.00E+00	1.48E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
2915	ALL	654471.8	4191578	NonCancer	0.00E+00	1.46E-05	3.72E-04	0.00E+00	0.00E+00	3.72E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.72E-04
2916	ALL	654430.4	4191595	NonCancer	0.00E+00	1.37E-05	3.52E-04	0.00E+00	0.00E+00	3.52E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	3.52E-04
2917	ALL	654389.1	4191611	NonCancer	0.00E+00	1.30E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2918	ALL	654347.8	4191627	NonCancer	0.00E+00	1.26E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
2919	ALL	654306.4	4191643	NonCancer	0.00E+00	1.22E-05	3.10E-04	0.00E+00	0.00E+00	3.10E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	3.10E-04
2920	ALL	654265.1	4191660	NonCancer	0.00E+00	1.22E-05	3.10E-04	0.00E+00	0.00E+00	3.10E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	3.10E-04
2921	ALL	654223.8	4191676	NonCancer	0.00E+00	1.20E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
2922	ALL	654182.5	4191692	NonCancer	0.00E+00	1.35E-05	3.49E-04	0.00E+00	0.00E+00	3.49E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
2923	ALL	654141.1	4191709	NonCancer	0.00E+00	1.66E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
2924	ALL	654099.8	4191725	NonCancer	0.00E+00	1.86E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
2925	ALL	654058.5	4191741	NonCancer	0.00E+00	1.92E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
2926	ALL	654017.1	4191757	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
2927	ALL	653975.8	4191774	NonCancer	0.00E+00	1.58E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2928	ALL	653934.5	4191790	NonCancer	0.00E+00	1.32E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
2929	ALL	653893.2	4191806	NonCancer	0.00E+00	1.38E-05	3.52E-04	0.00E+00	0.00E+00	3.52E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	3.52E-04
2930	ALL	653851.8	4191822	NonCancer	0.00E+00	1.40E-05	3.69E-04	0.00E+00	0.00E+00	3.69E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
2931	ALL	657652.4	4188239	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
2932	ALL	657655.6	4188194	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
2933	ALL	657658.7	4188150	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
2934	ALL	653819	4187853	NonCancer	0.00E+00	1.25E-03	3.09E-02	0.00E+00	0.00E+00	3.09E-02	1.25E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	3.09E-02
2935	ALL	653794.3	4187852	NonCancer	0.00E+00	1.40E-03	3.47E-02	0.00E+00	0.00E+00	3.47E-02	1.40E-03	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	3.47E-02
2936	ALL	653769.5	4187851	NonCancer	0.00E+00	1.47E-03	3.67E-02	0.00E+00	0.00E+00	3.67E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	3.67E-02
2937	ALL	653744.7	4187851	NonCancer	0.00E+00	1.44E-03	3.67E-02	0.00E+00	0.00E+00	3.67E-02	1.44E-03	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	3.67E-02
2938	ALL	653719.9	4187850	NonCancer	0.00E+00	1.54E-03	3.90E-02	0.00E+00	0.00E+00	3.90E-02	1.54E-03	0.00E+00	1.54E-03	0.00E+00	0.00E+00	3.90E-02	0.00E+00	0.00E+00	3.90E-02
2939	ALL	653695.1	4187849	NonCancer	0.00E+00	1.36E-03	3.52E-02	0.00E+00	0.00E+00	3.52E-02	1.36E-03	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	3.52E-02
2940	ALL	653837.6	4187836	NonCancer	0.00E+00	1.01E-03	2.53E-02	0.00E+00	0.00E+00	2.53E-02	1.01E-03	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	2.53E-02
2941	ALL	653794.9	4187827	NonCancer	0.00E+00	1.18E-03	2.95E-02	0.00E+00	0.00E+00	2.95E-02	1.18E-03	0.00E+00	1.18E-03	0.00E+00	0.00E+00	2.95E-02	0.00E+00	0.00E+00	2.95E-02
2942	ALL	653770.1	4187826	NonCancer	0.00E+00	1.21E-03	3.05E-02	0.00E+00	0.00E+00	3.05E-02	1.21E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	3.05E-02
2943	ALL	653745.4	4187826	NonCancer	0.00E+00	1.19E-03	3.02E-02	0.00E+00	0.00E+00	3.02E-02	1.19E-03	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.02E-02	0.00E+00	0.00E+00	3.02E-02
2944	ALL	653720.6	4187825	NonCancer	0.00E+00	1.23E-03	3.11E-02	0.00E+00	0.00E+00	3.11E-02	1.23E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	3.11E-02
2945	ALL	653695.8	4187824	NonCancer	0.00E+00	1.11E-03	2.91E-02	0.00E+00	0.00E+00	2.91E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	2.91E-02
2946	ALL	653838.2	4187811	NonCancer	0.00E+00	8.99E-04	2.23E-02	0.00E+00	0.00E+00	2.23E-02	8.99E-04	0.00E+00	8.99E-04	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	2.23E-02
2947	ALL	653880.3	4187846	NonCancer	0.00E+00	9.45E-04	2.32E-02	0.00E+00	0.00E+00	2.32E-02	9.45E-04	0.00E+00	9.45E-04	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.32E-02
2948	ALL	653795.6	4187802	NonCancer	0.00E+00	9.75E-04	2.44E-02	0.00E+00	0.00E+00	2.44E-02	9.75E-04	0.00E+00	9.75E-04	0.00E+00	0.00E+00	2.44E-02	0.00E+00	0.00E+00	2.44E-02
2949	ALL	653770.8	4187801	NonCancer	0.00E+00	9.87E-04	2.49E-02	0.00E+00	0.00E+00	2.49E-02	9.87E-04	0.00E+00	9.87E-04	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	2.49E-02

2950	ALL	653746	4187801	NonCancer	0.00E+00	9.92E-04	2.52E-02	0.00E+00	0.00E+00	2.52E-02	9.92E-04	0.00E+00	9.92E-04	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	2.52E-02
2951	ALL	653721.3	4187800	NonCancer	0.00E+00	9.88E-04	2.51E-02	0.00E+00	0.00E+00	2.51E-02	9.88E-04	0.00E+00	9.88E-04	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	2.51E-02
2952	ALL	653696.5	4187799	NonCancer	0.00E+00	9.58E-04	2.49E-02	0.00E+00	0.00E+00	2.49E-02	9.58E-04	0.00E+00	9.58E-04	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	2.49E-02
2953	ALL	653838.9	4187786	NonCancer	0.00E+00	8.40E-04	2.08E-02	0.00E+00	0.00E+00	2.08E-02	8.40E-04	0.00E+00	8.40E-04	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	2.08E-02
2954	ALL	653874.6	4187802	NonCancer	0.00E+00	7.62E-04	1.90E-02	0.00E+00	0.00E+00	1.90E-02	7.62E-04	0.00E+00	7.62E-04	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.90E-02
2955	ALL	653898.9	4187829	NonCancer	0.00E+00	8.05E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	8.05E-04	0.00E+00	8.05E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
2956	ALL	653796.3	4187777	NonCancer	0.00E+00	8.22E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.22E-04	0.00E+00	8.22E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
2957	ALL	653771.5	4187776	NonCancer	0.00E+00	8.64E-04	2.17E-02	0.00E+00	0.00E+00	2.17E-02	8.64E-04	0.00E+00	8.64E-04	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	2.17E-02
2958	ALL	653746.7	4187776	NonCancer	0.00E+00	8.45E-04	2.14E-02	0.00E+00	0.00E+00	2.14E-02	8.45E-04	0.00E+00	8.45E-04	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.14E-02
2959	ALL	653721.9	4187775	NonCancer	0.00E+00	8.37E-04	2.13E-02	0.00E+00	0.00E+00	2.13E-02	8.37E-04	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	2.13E-02
2960	ALL	653697.1	4187774	NonCancer	0.00E+00	8.22E-04	2.14E-02	0.00E+00	0.00E+00	2.14E-02	8.22E-04	0.00E+00	8.22E-04	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.14E-02
2961	ALL	653843.8	4187738	NonCancer	0.00E+00	6.48E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.48E-04	0.00E+00	6.48E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2962	ALL	653865.2	4187747	NonCancer	0.00E+00	6.56E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.56E-04	0.00E+00	6.56E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2963	ALL	653886.6	4187757	NonCancer	0.00E+00	6.13E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.13E-04	0.00E+00	6.13E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
2964	ALL	653908.1	4187767	NonCancer	0.00E+00	6.02E-04	1.50E-02	0.00E+00	0.00E+00	1.50E-02	6.02E-04	0.00E+00	6.02E-04	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.50E-02
2965	ALL	653937.2	4187799	NonCancer	0.00E+00	6.24E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	6.24E-04	0.00E+00	6.24E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
2966	ALL	653944.9	4187821	NonCancer	0.00E+00	6.50E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.50E-04	0.00E+00	6.50E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
2967	ALL	653952.6	4187844	NonCancer	0.00E+00	7.11E-04	1.77E-02	0.00E+00	0.00E+00	1.77E-02	7.11E-04	0.00E+00	7.11E-04	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.77E-02
2968	ALL	653960.3	4187866	NonCancer	0.00E+00	5.69E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.69E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
2969	ALL	653822.4	4187728	NonCancer	0.00E+00	6.46E-04	1.61E-02	0.00E+00	0.00E+00	1.61E-02	6.46E-04	0.00E+00	6.46E-04	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.61E-02
2970	ALL	653797.6	4187727	NonCancer	0.00E+00	6.60E-04	1.66E-02	0.00E+00	0.00E+00	1.66E-02	6.60E-04	0.00E+00	6.60E-04	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.66E-02
2971	ALL	653772.8	4187726	NonCancer	0.00E+00	6.92E-04	1.73E-02	0.00E+00	0.00E+00	1.73E-02	6.92E-04	0.00E+00	6.92E-04	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.73E-02
2972	ALL	653748	4187726	NonCancer	0.00E+00	6.57E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.57E-04	0.00E+00	6.57E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
2973	ALL	653723.3	4187725	NonCancer	0.00E+00	6.61E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.61E-04	0.00E+00	6.61E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
2974	ALL	653698.5	4187724	NonCancer	0.00E+00	6.81E-04	1.75E-02	0.00E+00	0.00E+00	1.75E-02	6.81E-04	0.00E+00	6.81E-04	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.75E-02
2975	ALL	653844.1	4187687	NonCancer	0.00E+00	5.36E-04	1.34E-02	0.00E+00	0.00E+00	1.34E-02	5.36E-04	0.00E+00	5.36E-04	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.34E-02
2976	ALL	653884.9	4187706	NonCancer	0.00E+00	5.39E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
2977	ALL	653905.3	4187715	NonCancer	0.00E+00	5.04E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	5.04E-04	0.00E+00	5.04E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
2978	ALL	653946.1	4187734	NonCancer	0.00E+00	4.86E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.86E-04	0.00E+00	4.86E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02
2979	ALL	653973.8	4187764	NonCancer	0.00E+00	4.89E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
2980	ALL	653988.5	4187807	NonCancer	0.00E+00	5.79E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.79E-04	0.00E+00	5.79E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
2981	ALL	654003.2	4187849	NonCancer	0.00E+00	4.50E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
2982	ALL	653798.9	4187677	NonCancer	0.00E+00	5.19E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.19E-04	0.00E+00	5.19E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
2983	ALL	653774.2	4187676	NonCancer	0.00E+00	5.46E-04	1.38E-02	0.00E+00	0.00E+00	1.38E-02	5.46E-04	0.00E+00	5.46E-04	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.38E-02
2984	ALL	653749.4	4187676	NonCancer	0.00E+00	5.36E-04	1.37E-02	0.00E+00	0.00E+00	1.37E-02	5.36E-04	0.00E+00	5.36E-04	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.37E-02
2985	ALL	653724.6	4187675	NonCancer	0.00E+00	5.53E-04	1.39E-02	0.00E+00	0.00E+00	1.39E-02	5.53E-04	0.00E+00	5.53E-04	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.39E-02
2986	ALL	653699.8	4187674	NonCancer	0.00E+00	5.39E-04	1.39E-02	0.00E+00	0.00E+00	1.39E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.39E-02
2987	ALL	653847.4	4187638	NonCancer	0.00E+00	4.41E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
2988	ALL	653869.7	4187648	NonCancer	0.00E+00	4.54E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.54E-04	0.00E+00	4.54E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
2989	ALL	653892	4187658	NonCancer	0.00E+00	4.35E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.35E-04	0.00E+00	4.35E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
2990	ALL	653914.3	4187669	NonCancer	0.00E+00	4.39E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
2991	ALL	653936.6	4187679	NonCancer	0.00E+00	4.23E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.23E-04	0.00E+00	4.23E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
2992	ALL	653958.9	4187689	NonCancer	0.00E+00	3.91E-04	9.85E-03	0.00E+00	0.00E+00	9.85E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.85E-03	0.00E+00	0.00E+00	9.85E-03
2993	ALL	653981.2	4187699	NonCancer	0.00E+00	3.98E-04	9.87E-03	0.00E+00	0.00E+00	9.87E-03	3.98E-04	0.00E+00	3.98E-04	0.00E+00	0.00E+00	9.87E-03	0.00E+00	0.00E+00	9.87E-03
2994	ALL	654011.6	4187733	NonCancer	0.00E+00	4.04E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.04E-04	0.00E+00	4.04E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
2995	ALL	654019.6	4187756	NonCancer	0.00E+00	4.26E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
2996	ALL	654027.6	4187779	NonCancer	0.00E+00	4.66E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.66E-04	0.00E+00	4.66E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
2997	ALL	654035.6	4187802	NonCancer	0.00E+00	4.35E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.35E-04	0.00E+00	4.35E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
2998	ALL	654043.7	4187826	NonCancer	0.00E+00	3.71E-04	9.21E-03	0.00E+00	0.00E+00	9.21E-03	3.71E-04	0.00E+00	3.71E-04	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.21E-03
2999	ALL	654051.7	4187849	NonCancer	0.00E+00	3.66E-04	9.08E-03	0.00E+00	0.00E+00	9.08E-03	3.66E-04	0.00E+00	3.66E-04	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	9.08E-03

3000	ALL	654059.7	4187872	NonCancer	0.00E+00	3.57E-04	8.85E-03	0.00E+00	0.00E+00	8.85E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.85E-03
3001	ALL	653825	4187628	NonCancer	0.00E+00	4.32E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.32E-04	0.00E+00	4.32E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
3002	ALL	653800.3	4187627	NonCancer	0.00E+00	4.31E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.31E-04	0.00E+00	4.31E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
3003	ALL	653775.5	4187626	NonCancer	0.00E+00	4.25E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.25E-04	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
3004	ALL	653750.7	4187626	NonCancer	0.00E+00	4.45E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
3005	ALL	653725.9	4187625	NonCancer	0.00E+00	4.69E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.69E-04	0.00E+00	4.69E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
3006	ALL	653701.2	4187624	NonCancer	0.00E+00	4.25E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.25E-04	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
3007	ALL	653847.8	4187588	NonCancer	0.00E+00	3.77E-04	9.50E-03	0.00E+00	0.00E+00	9.50E-03	3.77E-04	0.00E+00	3.77E-04	0.00E+00	0.00E+00	9.50E-03	0.00E+00	0.00E+00	9.50E-03
3008	ALL	653869.2	4187597	NonCancer	0.00E+00	3.83E-04	9.66E-03	0.00E+00	0.00E+00	9.66E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.66E-03
3009	ALL	653890.6	4187607	NonCancer	0.00E+00	3.86E-04	9.66E-03	0.00E+00	0.00E+00	9.66E-03	3.86E-04	0.00E+00	3.86E-04	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.66E-03
3010	ALL	653912.1	4187617	NonCancer	0.00E+00	3.71E-04	9.39E-03	0.00E+00	0.00E+00	9.39E-03	3.71E-04	0.00E+00	3.71E-04	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	9.39E-03
3011	ALL	653933.5	4187627	NonCancer	0.00E+00	3.82E-04	9.44E-03	0.00E+00	0.00E+00	9.44E-03	3.82E-04	0.00E+00	3.82E-04	0.00E+00	0.00E+00	9.44E-03	0.00E+00	0.00E+00	9.44E-03
3012	ALL	653954.9	4187637	NonCancer	0.00E+00	3.51E-04	8.84E-03	0.00E+00	0.00E+00	8.84E-03	3.51E-04	0.00E+00	3.51E-04	0.00E+00	0.00E+00	8.84E-03	0.00E+00	0.00E+00	8.84E-03
3013	ALL	653976.3	4187647	NonCancer	0.00E+00	3.36E-04	8.43E-03	0.00E+00	0.00E+00	8.43E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	8.43E-03
3014	ALL	653997.7	4187656	NonCancer	0.00E+00	3.31E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.31E-04	0.00E+00	3.31E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
3015	ALL	654019.2	4187666	NonCancer	0.00E+00	3.23E-04	8.06E-03	0.00E+00	0.00E+00	8.06E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	8.06E-03
3016	ALL	654048.3	4187698	NonCancer	0.00E+00	3.32E-04	8.35E-03	0.00E+00	0.00E+00	8.35E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	8.35E-03
3017	ALL	654056	4187721	NonCancer	0.00E+00	3.45E-04	8.65E-03	0.00E+00	0.00E+00	8.65E-03	3.45E-04	0.00E+00	3.45E-04	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	8.65E-03
3018	ALL	654063.7	4187743	NonCancer	0.00E+00	3.64E-04	9.13E-03	0.00E+00	0.00E+00	9.13E-03	3.64E-04	0.00E+00	3.64E-04	0.00E+00	0.00E+00	9.13E-03	0.00E+00	0.00E+00	9.13E-03
3019	ALL	654071.4	4187765	NonCancer	0.00E+00	4.10E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.10E-04	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
3020	ALL	654079.1	4187787	NonCancer	0.00E+00	3.18E-04	8.18E-03	0.00E+00	0.00E+00	8.18E-03	3.18E-04	0.00E+00	3.18E-04	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	8.18E-03
3021	ALL	654086.8	4187810	NonCancer	0.00E+00	3.13E-04	7.78E-03	0.00E+00	0.00E+00	7.78E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	7.78E-03
3022	ALL	654094.5	4187832	NonCancer	0.00E+00	3.07E-04	7.64E-03	0.00E+00	0.00E+00	7.64E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.64E-03
3023	ALL	654102.2	4187854	NonCancer	0.00E+00	2.97E-04	7.37E-03	0.00E+00	0.00E+00	7.37E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.37E-03
3024	ALL	654109.9	4187877	NonCancer	0.00E+00	3.03E-04	7.51E-03	0.00E+00	0.00E+00	7.51E-03	3.03E-04	0.00E+00	3.03E-04	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	7.51E-03
3025	ALL	653826.4	4187578	NonCancer	0.00E+00	3.67E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.67E-04	0.00E+00	3.67E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
3026	ALL	653801.6	4187577	NonCancer	0.00E+00	3.84E-04	9.65E-03	0.00E+00	0.00E+00	9.65E-03	3.84E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	9.65E-03	0.00E+00	0.00E+00	9.65E-03
3027	ALL	653776.8	4187576	NonCancer	0.00E+00	3.53E-04	9.05E-03	0.00E+00	0.00E+00	9.05E-03	3.53E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	9.05E-03	0.00E+00	0.00E+00	9.05E-03
3028	ALL	653752	4187576	NonCancer	0.00E+00	3.76E-04	9.48E-03	0.00E+00	0.00E+00	9.48E-03	3.76E-04	0.00E+00	3.76E-04	0.00E+00	0.00E+00	9.48E-03	0.00E+00	0.00E+00	9.48E-03
3029	ALL	653727.3	4187575	NonCancer	0.00E+00	4.03E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.03E-04	0.00E+00	4.03E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
3030	ALL	653702.5	4187574	NonCancer	0.00E+00	3.60E-04	9.37E-03	0.00E+00	0.00E+00	9.37E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	9.37E-03
3031	ALL	653848.5	4187537	NonCancer	0.00E+00	3.19E-04	8.05E-03	0.00E+00	0.00E+00	8.05E-03	3.19E-04	0.00E+00	3.19E-04	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.05E-03
3032	ALL	653869.4	4187547	NonCancer	0.00E+00	3.15E-04	8.00E-03	0.00E+00	0.00E+00	8.00E-03	3.15E-04	0.00E+00	3.15E-04	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.00E-03
3033	ALL	653890.2	4187556	NonCancer	0.00E+00	3.28E-04	8.29E-03	0.00E+00	0.00E+00	8.29E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.29E-03
3034	ALL	653911	4187566	NonCancer	0.00E+00	3.32E-04	8.32E-03	0.00E+00	0.00E+00	8.32E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.32E-03
3035	ALL	653931.8	4187576	NonCancer	0.00E+00	3.22E-04	8.15E-03	0.00E+00	0.00E+00	8.15E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.15E-03	0.00E+00	0.00E+00	8.15E-03
3036	ALL	653952.7	4187585	NonCancer	0.00E+00	3.33E-04	8.28E-03	0.00E+00	0.00E+00	8.28E-03	3.33E-04	0.00E+00	3.33E-04	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	8.28E-03
3037	ALL	653973.5	4187595	NonCancer	0.00E+00	2.88E-04	7.33E-03	0.00E+00	0.00E+00	7.33E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.33E-03	0.00E+00	0.00E+00	7.33E-03
3038	ALL	653994.3	4187604	NonCancer	0.00E+00	3.07E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
3039	ALL	654015.1	4187614	NonCancer	0.00E+00	2.92E-04	7.32E-03	0.00E+00	0.00E+00	7.32E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	7.32E-03
3040	ALL	654036	4187623	NonCancer	0.00E+00	2.97E-04	7.45E-03	0.00E+00	0.00E+00	7.45E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.45E-03	0.00E+00	0.00E+00	7.45E-03
3041	ALL	654056.8	4187633	NonCancer	0.00E+00	2.72E-04	6.79E-03	0.00E+00	0.00E+00	6.79E-03	2.72E-04	0.00E+00	2.72E-04	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	6.79E-03
3042	ALL	654085.1	4187664	NonCancer	0.00E+00	2.78E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.78E-04	0.00E+00	2.78E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
3043	ALL	654092.6	4187686	NonCancer	0.00E+00	2.97E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
3044	ALL	654100.1	4187707	NonCancer	0.00E+00	3.07E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
3045	ALL	654107.6	4187729	NonCancer	0.00E+00	3.37E-04	8.48E-03	0.00E+00	0.00E+00	8.48E-03	3.37E-04	0.00E+00	3.37E-04	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	8.48E-03
3046	ALL	654115.1	4187751	NonCancer	0.00E+00	3.36E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
3047	ALL	654122.6	4187772	NonCancer	0.00E+00	2.42E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
3048	ALL	654130	4187794	NonCancer	0.00E+00	2.66E-04	6.65E-03	0.00E+00	0.00E+00	6.65E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	6.65E-03
3049	ALL	654137.5	4187816	NonCancer	0.00E+00	2.63E-04	6.56E-03	0.00E+00	0.00E+00	6.56E-03	2.63E-04	0.00E+00	2.63E-04	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.56E-03

3050	ALL	654145	4187837	NonCancer	0.00E+00	2.49E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3051	ALL	654152.5	4187859	NonCancer	0.00E+00	2.53E-04	6.31E-03	0.00E+00	0.00E+00	6.31E-03	2.53E-04	0.00E+00	2.53E-04	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.31E-03
3052	ALL	654160	4187881	NonCancer	0.00E+00	2.55E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
3053	ALL	653827.7	4187528	NonCancer	0.00E+00	2.93E-04	7.52E-03	0.00E+00	0.00E+00	7.52E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	7.52E-03
3054	ALL	653802.9	4187527	NonCancer	0.00E+00	3.32E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
3055	ALL	653778.2	4187526	NonCancer	0.00E+00	2.96E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
3056	ALL	653753.4	4187526	NonCancer	0.00E+00	3.22E-04	8.09E-03	0.00E+00	0.00E+00	8.09E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	8.09E-03
3057	ALL	653728.6	4187525	NonCancer	0.00E+00	3.50E-04	8.73E-03	0.00E+00	0.00E+00	8.73E-03	3.50E-04	0.00E+00	3.50E-04	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	8.73E-03
3058	ALL	653703.8	4187524	NonCancer	0.00E+00	3.04E-04	7.95E-03	0.00E+00	0.00E+00	7.95E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.95E-03	0.00E+00	0.00E+00	7.95E-03
3059	ALL	653851.8	4187438	NonCancer	0.00E+00	2.36E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
3060	ALL	653873.2	4187447	NonCancer	0.00E+00	2.47E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3061	ALL	653894.6	4187457	NonCancer	0.00E+00	2.44E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3062	ALL	653916.1	4187467	NonCancer	0.00E+00	2.60E-04	6.55E-03	0.00E+00	0.00E+00	6.55E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.55E-03
3063	ALL	653937.5	4187477	NonCancer	0.00E+00	2.60E-04	6.51E-03	0.00E+00	0.00E+00	6.51E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	6.51E-03
3064	ALL	653958.9	4187487	NonCancer	0.00E+00	2.48E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
3065	ALL	653980.3	4187497	NonCancer	0.00E+00	2.39E-04	6.11E-03	0.00E+00	0.00E+00	6.11E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.11E-03
3066	ALL	654001.7	4187506	NonCancer	0.00E+00	2.59E-04	6.45E-03	0.00E+00	0.00E+00	6.45E-03	2.59E-04	0.00E+00	2.59E-04	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	6.45E-03
3067	ALL	654023.2	4187516	NonCancer	0.00E+00	2.21E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
3068	ALL	654044.6	4187526	NonCancer	0.00E+00	2.41E-04	6.02E-03	0.00E+00	0.00E+00	6.02E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	6.02E-03
3069	ALL	654066	4187536	NonCancer	0.00E+00	2.29E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
3070	ALL	654087.4	4187546	NonCancer	0.00E+00	2.13E-04	5.44E-03	0.00E+00	0.00E+00	5.44E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.44E-03
3071	ALL	654108.8	4187556	NonCancer	0.00E+00	2.29E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
3072	ALL	654130.3	4187565	NonCancer	0.00E+00	2.07E-04	5.16E-03	0.00E+00	0.00E+00	5.16E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	5.16E-03
3073	ALL	654159.4	4187598	NonCancer	0.00E+00	2.08E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03
3074	ALL	654167.1	4187620	NonCancer	0.00E+00	2.33E-04	5.82E-03	0.00E+00	0.00E+00	5.82E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	5.82E-03
3075	ALL	654174.8	4187642	NonCancer	0.00E+00	2.38E-04	5.97E-03	0.00E+00	0.00E+00	5.97E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	5.97E-03
3076	ALL	654182.5	4187664	NonCancer	0.00E+00	2.41E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
3077	ALL	654190.2	4187687	NonCancer	0.00E+00	2.70E-04	6.77E-03	0.00E+00	0.00E+00	6.77E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	6.77E-03
3078	ALL	654197.9	4187709	NonCancer	0.00E+00	2.47E-04	6.27E-03	0.00E+00	0.00E+00	6.27E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.27E-03
3079	ALL	654205.6	4187731	NonCancer	0.00E+00	1.83E-04	4.74E-03	0.00E+00	0.00E+00	4.74E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	4.74E-03
3080	ALL	654213.3	4187753	NonCancer	0.00E+00	2.06E-04	5.15E-03	0.00E+00	0.00E+00	5.15E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.15E-03
3081	ALL	654221	4187776	NonCancer	0.00E+00	1.95E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
3082	ALL	654228.7	4187798	NonCancer	0.00E+00	1.94E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
3083	ALL	654236.4	4187820	NonCancer	0.00E+00	1.98E-04	4.93E-03	0.00E+00	0.00E+00	4.93E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	4.93E-03
3084	ALL	654244.1	4187843	NonCancer	0.00E+00	1.98E-04	4.94E-03	0.00E+00	0.00E+00	4.94E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	4.94E-03
3085	ALL	654251.8	4187865	NonCancer	0.00E+00	1.96E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
3086	ALL	654259.5	4187887	NonCancer	0.00E+00	2.02E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
3087	ALL	653830.4	4187428	NonCancer	0.00E+00	2.47E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3088	ALL	653805.6	4187427	NonCancer	0.00E+00	2.42E-04	6.16E-03	0.00E+00	0.00E+00	6.16E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	6.16E-03
3089	ALL	653780.8	4187426	NonCancer	0.00E+00	2.29E-04	5.89E-03	0.00E+00	0.00E+00	5.89E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	5.89E-03
3090	ALL	653756	4187426	NonCancer	0.00E+00	2.48E-04	6.18E-03	0.00E+00	0.00E+00	6.18E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	6.18E-03
3091	ALL	653731.3	4187425	NonCancer	0.00E+00	2.72E-04	6.78E-03	0.00E+00	0.00E+00	6.78E-03	2.72E-04	0.00E+00	2.72E-04	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.78E-03
3092	ALL	653706.5	4187424	NonCancer	0.00E+00	2.26E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
3093	ALL	653854.9	4187338	NonCancer	0.00E+00	1.89E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
3094	ALL	653876.7	4187348	NonCancer	0.00E+00	1.96E-04	4.99E-03	0.00E+00	0.00E+00	4.99E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	4.99E-03
3095	ALL	653898.5	4187358	NonCancer	0.00E+00	2.01E-04	5.07E-03	0.00E+00	0.00E+00	5.07E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	5.07E-03
3096	ALL	653920.3	4187368	NonCancer	0.00E+00	1.99E-04	5.07E-03	0.00E+00	0.00E+00	5.07E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	5.07E-03
3097	ALL	653942.1	4187378	NonCancer	0.00E+00	2.08E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
3098	ALL	653964	4187388	NonCancer	0.00E+00	2.12E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
3099	ALL	653985.8	4187398	NonCancer	0.00E+00	2.08E-04	5.23E-03	0.00E+00	0.00E+00	5.23E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.23E-03

3100	ALL	654007.6	4187408	NonCancer	0.00E+00	2.04E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
3101	ALL	654029.4	4187418	NonCancer	0.00E+00	1.94E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
3102	ALL	654051.2	4187428	NonCancer	0.00E+00	2.08E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
3103	ALL	654073	4187438	NonCancer	0.00E+00	1.78E-04	4.54E-03	0.00E+00	0.00E+00	4.54E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.54E-03
3104	ALL	654094.9	4187448	NonCancer	0.00E+00	1.95E-04	4.90E-03	0.00E+00	0.00E+00	4.90E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.90E-03
3105	ALL	654116.7	4187458	NonCancer	0.00E+00	1.80E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
3106	ALL	654138.5	4187468	NonCancer	0.00E+00	1.77E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
3107	ALL	654160.3	4187478	NonCancer	0.00E+00	1.84E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
3108	ALL	654182.1	4187488	NonCancer	0.00E+00	1.77E-04	4.44E-03	0.00E+00	0.00E+00	4.44E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.44E-03
3109	ALL	654203.9	4187498	NonCancer	0.00E+00	1.61E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
3110	ALL	654233.6	4187531	NonCancer	0.00E+00	1.62E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
3111	ALL	654241.4	4187553	NonCancer	0.00E+00	1.87E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
3112	ALL	654249.3	4187576	NonCancer	0.00E+00	1.84E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
3113	ALL	654257.1	4187599	NonCancer	0.00E+00	1.88E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
3114	ALL	654265	4187622	NonCancer	0.00E+00	1.95E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
3115	ALL	654272.8	4187644	NonCancer	0.00E+00	2.18E-04	5.47E-03	0.00E+00	0.00E+00	5.47E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.47E-03
3116	ALL	654280.7	4187667	NonCancer	0.00E+00	1.89E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
3117	ALL	654288.5	4187690	NonCancer	0.00E+00	1.46E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
3118	ALL	654296.4	4187712	NonCancer	0.00E+00	1.65E-04	4.12E-03	0.00E+00	0.00E+00	4.12E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.12E-03
3119	ALL	654304.2	4187735	NonCancer	0.00E+00	1.58E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
3120	ALL	654312.1	4187758	NonCancer	0.00E+00	1.62E-04	4.06E-03	0.00E+00	0.00E+00	4.06E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	4.06E-03
3121	ALL	654319.9	4187780	NonCancer	0.00E+00	1.49E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
3122	ALL	654327.8	4187803	NonCancer	0.00E+00	1.56E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
3123	ALL	654335.6	4187826	NonCancer	0.00E+00	1.60E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
3124	ALL	654343.5	4187848	NonCancer	0.00E+00	1.56E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
3125	ALL	654351.3	4187871	NonCancer	0.00E+00	1.61E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
3126	ALL	654359.1	4187894	NonCancer	0.00E+00	1.57E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
3127	ALL	653833.1	4187328	NonCancer	0.00E+00	2.03E-04	5.07E-03	0.00E+00	0.00E+00	5.07E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	5.07E-03
3128	ALL	653808.3	4187327	NonCancer	0.00E+00	1.86E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
3129	ALL	653783.5	4187326	NonCancer	0.00E+00	1.84E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
3130	ALL	653758.7	4187326	NonCancer	0.00E+00	1.99E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
3131	ALL	653733.9	4187325	NonCancer	0.00E+00	2.18E-04	5.45E-03	0.00E+00	0.00E+00	5.45E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	5.45E-03
3132	ALL	653709.2	4187325	NonCancer	0.00E+00	1.88E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
3133	ALL	653857.8	4187238	NonCancer	0.00E+00	1.68E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
3134	ALL	653879.9	4187248	NonCancer	0.00E+00	1.51E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
3135	ALL	653902	4187258	NonCancer	0.00E+00	1.66E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
3136	ALL	653924.1	4187268	NonCancer	0.00E+00	1.68E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
3137	ALL	653946.2	4187279	NonCancer	0.00E+00	1.67E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
3138	ALL	653968.3	4187289	NonCancer	0.00E+00	1.73E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
3139	ALL	653990.4	4187299	NonCancer	0.00E+00	1.71E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
3140	ALL	654012.5	4187309	NonCancer	0.00E+00	1.76E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
3141	ALL	654034.6	4187319	NonCancer	0.00E+00	1.64E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
3142	ALL	654056.7	4187329	NonCancer	0.00E+00	1.67E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
3143	ALL	654078.8	4187339	NonCancer	0.00E+00	1.68E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
3144	ALL	654100.9	4187350	NonCancer	0.00E+00	1.71E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
3145	ALL	654123	4187360	NonCancer	0.00E+00	1.47E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
3146	ALL	654145.1	4187370	NonCancer	0.00E+00	1.62E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
3147	ALL	654167.2	4187380	NonCancer	0.00E+00	1.50E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
3148	ALL	654189.3	4187390	NonCancer	0.00E+00	1.53E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
3149	ALL	654211.4	4187400	NonCancer	0.00E+00	1.41E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03

3150	ALL	654233.5	4187410	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
3151	ALL	654255.6	4187421	NonCancer	0.00E+00	1.42E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
3152	ALL	654277.7	4187431	NonCancer	0.00E+00	1.28E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3153	ALL	654307.8	4187464	NonCancer	0.00E+00	1.30E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
3154	ALL	654315.7	4187487	NonCancer	0.00E+00	1.53E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
3155	ALL	654323.7	4187510	NonCancer	0.00E+00	1.48E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
3156	ALL	654331.6	4187533	NonCancer	0.00E+00	1.59E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
3157	ALL	654339.6	4187556	NonCancer	0.00E+00	1.60E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
3158	ALL	654347.5	4187579	NonCancer	0.00E+00	1.71E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
3159	ALL	654355.5	4187602	NonCancer	0.00E+00	1.78E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
3160	ALL	654363.4	4187625	NonCancer	0.00E+00	1.50E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
3161	ALL	654371.4	4187648	NonCancer	0.00E+00	1.20E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
3162	ALL	654379.3	4187671	NonCancer	0.00E+00	1.35E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
3163	ALL	654387.3	4187694	NonCancer	0.00E+00	1.29E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
3164	ALL	654395.2	4187717	NonCancer	0.00E+00	1.33E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
3165	ALL	654403.2	4187740	NonCancer	0.00E+00	1.27E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
3166	ALL	654411.1	4187763	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3167	ALL	654419	4187786	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
3168	ALL	654427	4187809	NonCancer	0.00E+00	1.31E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
3169	ALL	654434.9	4187832	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3170	ALL	654442.9	4187855	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
3171	ALL	654450.8	4187878	NonCancer	0.00E+00	1.29E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
3172	ALL	654458.8	4187901	NonCancer	0.00E+00	1.25E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
3173	ALL	653835.7	4187228	NonCancer	0.00E+00	1.61E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
3174	ALL	653810.9	4187227	NonCancer	0.00E+00	1.49E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
3175	ALL	653786.2	4187227	NonCancer	0.00E+00	1.51E-04	3.83E-03	0.00E+00	0.00E+00	3.83E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03
3176	ALL	653761.4	4187226	NonCancer	0.00E+00	1.64E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
3177	ALL	653736.6	4187225	NonCancer	0.00E+00	1.80E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
3178	ALL	653711.8	4187225	NonCancer	0.00E+00	1.63E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
3179	ALL	653860.7	4187138	NonCancer	0.00E+00	1.43E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
3180	ALL	653883	4187148	NonCancer	0.00E+00	1.37E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
3181	ALL	653905.3	4187159	NonCancer	0.00E+00	1.24E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3182	ALL	653927.6	4187169	NonCancer	0.00E+00	1.43E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
3183	ALL	653950	4187179	NonCancer	0.00E+00	1.43E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
3184	ALL	653972.3	4187189	NonCancer	0.00E+00	1.42E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
3185	ALL	653994.6	4187200	NonCancer	0.00E+00	1.46E-04	3.70E-03	0.00E+00	0.00E+00	3.70E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.70E-03
3186	ALL	654016.9	4187210	NonCancer	0.00E+00	1.48E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
3187	ALL	654039.2	4187220	NonCancer	0.00E+00	1.50E-04	3.78E-03	0.00E+00	0.00E+00	3.78E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	3.78E-03
3188	ALL	654061.5	4187230	NonCancer	0.00E+00	1.45E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
3189	ALL	654083.8	4187241	NonCancer	0.00E+00	1.44E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
3190	ALL	654106.1	4187251	NonCancer	0.00E+00	1.35E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
3191	ALL	654128.5	4187261	NonCancer	0.00E+00	1.46E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
3192	ALL	654150.8	4187271	NonCancer	0.00E+00	1.43E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
3193	ALL	654173.1	4187282	NonCancer	0.00E+00	1.24E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
3194	ALL	654195.4	4187292	NonCancer	0.00E+00	1.37E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
3195	ALL	654217.7	4187302	NonCancer	0.00E+00	1.32E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
3196	ALL	654240	4187312	NonCancer	0.00E+00	1.30E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
3197	ALL	654262.3	4187323	NonCancer	0.00E+00	1.20E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
3198	ALL	654284.6	4187333	NonCancer	0.00E+00	1.28E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
3199	ALL	654307	4187343	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03

3200	ALL	654329.3	4187353	NonCancer	0.00E+00	1.20E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
3201	ALL	654351.6	4187364	NonCancer	0.00E+00	1.04E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
3202	ALL	654381.9	4187397	NonCancer	0.00E+00	1.07E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3203	ALL	654389.9	4187420	NonCancer	0.00E+00	1.28E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
3204	ALL	654398	4187443	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
3205	ALL	654406	4187467	NonCancer	0.00E+00	1.32E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
3206	ALL	654414	4187490	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
3207	ALL	654422	4187513	NonCancer	0.00E+00	1.34E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
3208	ALL	654430.1	4187536	NonCancer	0.00E+00	1.49E-04	3.78E-03	0.00E+00	0.00E+00	3.78E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	3.78E-03
3209	ALL	654438.1	4187559	NonCancer	0.00E+00	1.48E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
3210	ALL	654446.1	4187583	NonCancer	0.00E+00	1.22E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
3211	ALL	654454.1	4187606	NonCancer	0.00E+00	1.01E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
3212	ALL	654462.2	4187629	NonCancer	0.00E+00	1.13E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
3213	ALL	654470.2	4187652	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
3214	ALL	654478.2	4187675	NonCancer	0.00E+00	1.08E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3215	ALL	654486.2	4187699	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
3216	ALL	654494.3	4187722	NonCancer	0.00E+00	1.00E-04	2.55E-03	0.00E+00	0.00E+00	2.55E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
3217	ALL	654502.3	4187745	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3218	ALL	654510.3	4187768	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
3219	ALL	654518.3	4187791	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3220	ALL	654526.4	4187815	NonCancer	0.00E+00	1.09E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3221	ALL	654534.4	4187838	NonCancer	0.00E+00	1.10E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
3222	ALL	654542.4	4187861	NonCancer	0.00E+00	1.11E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
3223	ALL	654550.4	4187884	NonCancer	0.00E+00	1.09E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3224	ALL	654558.5	4187907	NonCancer	0.00E+00	1.02E-04	2.59E-03	0.00E+00	0.00E+00	2.59E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	2.59E-03
3225	ALL	653838.4	4187128	NonCancer	0.00E+00	1.31E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
3226	ALL	653813.6	4187127	NonCancer	0.00E+00	1.33E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
3227	ALL	653788.8	4187127	NonCancer	0.00E+00	1.27E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
3228	ALL	653764.1	4187126	NonCancer	0.00E+00	1.39E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
3229	ALL	653739.3	4187125	NonCancer	0.00E+00	1.52E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
3230	ALL	653714.5	4187125	NonCancer	0.00E+00	1.43E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
3231	ALL	653863.5	4187038	NonCancer	0.00E+00	1.19E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
3232	ALL	653886	4187049	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
3233	ALL	653908.5	4187059	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
3234	ALL	653931	4187069	NonCancer	0.00E+00	1.12E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
3235	ALL	653953.5	4187080	NonCancer	0.00E+00	1.24E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
3236	ALL	653975.9	4187090	NonCancer	0.00E+00	1.24E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
3237	ALL	653998.4	4187100	NonCancer	0.00E+00	1.23E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
3238	ALL	654020.9	4187110	NonCancer	0.00E+00	1.26E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
3239	ALL	654043.4	4187121	NonCancer	0.00E+00	1.29E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
3240	ALL	654065.8	4187131	NonCancer	0.00E+00	1.29E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
3241	ALL	654088.3	4187141	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3242	ALL	654110.8	4187152	NonCancer	0.00E+00	1.19E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
3243	ALL	654133.3	4187162	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
3244	ALL	654155.8	4187172	NonCancer	0.00E+00	1.11E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
3245	ALL	654178.2	4187183	NonCancer	0.00E+00	1.27E-04	3.21E-03	0.00E+00	0.00E+00	3.21E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
3246	ALL	654200.7	4187193	NonCancer	0.00E+00	1.22E-04	3.05E-03	0.00E+00	0.00E+00	3.05E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	3.05E-03
3247	ALL	654223.2	4187203	NonCancer	0.00E+00	1.06E-04	2.72E-03	0.00E+00	0.00E+00	2.72E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	2.72E-03
3248	ALL	654245.7	4187214	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
3249	ALL	654268.1	4187224	NonCancer	0.00E+00	1.16E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03

3250	ALL	654290.6	4187234	NonCancer	0.00E+00	1.11E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
3251	ALL	654313.1	4187245	NonCancer	0.00E+00	1.09E-04	2.74E-03	0.00E+00	0.00E+00	2.74E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	2.74E-03
3252	ALL	654335.6	4187255	NonCancer	0.00E+00	1.02E-04	2.63E-03	0.00E+00	0.00E+00	2.63E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	2.63E-03
3253	ALL	654358.1	4187265	NonCancer	0.00E+00	1.13E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
3254	ALL	654380.5	4187276	NonCancer	0.00E+00	1.07E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
3255	ALL	654403	4187286	NonCancer	0.00E+00	1.02E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
3256	ALL	654425.5	4187296	NonCancer	0.00E+00	9.04E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.04E-05	0.00E+00	9.04E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3257	ALL	654456.1	4187330	NonCancer	0.00E+00	9.20E-05	2.36E-03	0.00E+00	0.00E+00	2.36E-03	9.20E-05	0.00E+00	9.20E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
3258	ALL	654464.1	4187353	NonCancer	0.00E+00	1.08E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3259	ALL	654472.2	4187377	NonCancer	0.00E+00	1.13E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
3260	ALL	654480.3	4187400	NonCancer	0.00E+00	1.09E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3261	ALL	654488.4	4187423	NonCancer	0.00E+00	1.16E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
3262	ALL	654496.5	4187447	NonCancer	0.00E+00	1.16E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
3263	ALL	654504.6	4187470	NonCancer	0.00E+00	1.17E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
3264	ALL	654512.6	4187494	NonCancer	0.00E+00	1.31E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
3265	ALL	654520.7	4187517	NonCancer	0.00E+00	1.24E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
3266	ALL	654528.8	4187540	NonCancer	0.00E+00	1.01E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
3267	ALL	654536.9	4187564	NonCancer	0.00E+00	8.72E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.72E-05	0.00E+00	8.72E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
3268	ALL	654545	4187587	NonCancer	0.00E+00	9.56E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.56E-05	0.00E+00	9.56E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
3269	ALL	654553.1	4187610	NonCancer	0.00E+00	9.81E-05	2.47E-03	0.00E+00	0.00E+00	2.47E-03	9.81E-05	0.00E+00	9.81E-05	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	2.47E-03
3270	ALL	654561.1	4187634	NonCancer	0.00E+00	9.44E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.44E-05	0.00E+00	9.44E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03
3271	ALL	654569.2	4187657	NonCancer	0.00E+00	9.73E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.73E-05	0.00E+00	9.73E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
3272	ALL	654577.3	4187681	NonCancer	0.00E+00	9.15E-05	2.32E-03	0.00E+00	0.00E+00	2.32E-03	9.15E-05	0.00E+00	9.15E-05	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.32E-03
3273	ALL	654585.4	4187704	NonCancer	0.00E+00	9.13E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.13E-05	0.00E+00	9.13E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3274	ALL	654593.5	4187727	NonCancer	0.00E+00	9.39E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.39E-05	0.00E+00	9.39E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3275	ALL	654601.6	4187751	NonCancer	0.00E+00	9.33E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.33E-05	0.00E+00	9.33E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
3276	ALL	654609.7	4187774	NonCancer	0.00E+00	9.40E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.40E-05	0.00E+00	9.40E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3277	ALL	654617.7	4187797	NonCancer	0.00E+00	9.35E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.35E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
3278	ALL	654625.8	4187821	NonCancer	0.00E+00	9.32E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.32E-05	0.00E+00	9.32E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
3279	ALL	654633.9	4187844	NonCancer	0.00E+00	9.67E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.67E-05	0.00E+00	9.67E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
3280	ALL	654642	4187868	NonCancer	0.00E+00	9.42E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.42E-05	0.00E+00	9.42E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3281	ALL	654650.1	4187891	NonCancer	0.00E+00	8.73E-05	2.22E-03	0.00E+00	0.00E+00	2.22E-03	8.73E-05	0.00E+00	8.73E-05	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	2.22E-03
3282	ALL	654658.2	4187914	NonCancer	0.00E+00	8.93E-05	2.25E-03	0.00E+00	0.00E+00	2.25E-03	8.93E-05	0.00E+00	8.93E-05	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	2.25E-03
3283	ALL	653841.1	4187028	NonCancer	0.00E+00	1.23E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
3284	ALL	653816.3	4187027	NonCancer	0.00E+00	1.19E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
3285	ALL	653791.5	4187027	NonCancer	0.00E+00	1.10E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
3286	ALL	653766.7	4187026	NonCancer	0.00E+00	1.19E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
3287	ALL	653742	4187025	NonCancer	0.00E+00	1.30E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
3288	ALL	653717.2	4187025	NonCancer	0.00E+00	1.26E-04	3.21E-03	0.00E+00	0.00E+00	3.21E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
3289	ALL	653870.2	4186788	NonCancer	0.00E+00	1.04E-04	2.59E-03	0.00E+00	0.00E+00	2.59E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	2.59E-03
3290	ALL	653892.6	4186799	NonCancer	0.00E+00	9.41E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.41E-05	0.00E+00	9.41E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3291	ALL	653915.1	4186809	NonCancer	0.00E+00	9.12E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.12E-05	0.00E+00	9.12E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3292	ALL	653937.5	4186819	NonCancer	0.00E+00	8.75E-05	2.19E-03	0.00E+00	0.00E+00	2.19E-03	8.75E-05	0.00E+00	8.75E-05	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	2.19E-03
3293	ALL	653959.9	4186830	NonCancer	0.00E+00	8.07E-05	2.07E-03	0.00E+00	0.00E+00	2.07E-03	8.07E-05	0.00E+00	8.07E-05	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	2.07E-03
3294	ALL	653982.4	4186840	NonCancer	0.00E+00	8.16E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.16E-05	0.00E+00	8.16E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
3295	ALL	654004.8	4186850	NonCancer	0.00E+00	9.02E-05	2.28E-03	0.00E+00	0.00E+00	2.28E-03	9.02E-05	0.00E+00	9.02E-05	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	2.28E-03
3296	ALL	654027.3	4186860	NonCancer	0.00E+00	8.90E-05	2.27E-03	0.00E+00	0.00E+00	2.27E-03	8.90E-05	0.00E+00	8.90E-05	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	2.27E-03
3297	ALL	654049.7	4186871	NonCancer	0.00E+00	9.26E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.26E-05	0.00E+00	9.26E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
3298	ALL	654072.1	4186881	NonCancer	0.00E+00	8.81E-05	2.25E-03	0.00E+00	0.00E+00	2.25E-03	8.81E-05	0.00E+00	8.81E-05	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	2.25E-03
3299	ALL	654094.6	4186891	NonCancer	0.00E+00	9.21E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.21E-05	0.00E+00	9.21E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03

3300	ALL	654117	4186902	NonCancer	0.00E+00	9.39E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.39E-05	0.00E+00	9.39E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3301	ALL	654139.5	4186912	NonCancer	0.00E+00	9.12E-05	2.32E-03	0.00E+00	0.00E+00	2.32E-03	9.12E-05	0.00E+00	9.12E-05	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.32E-03
3302	ALL	654161.9	4186922	NonCancer	0.00E+00	9.51E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.51E-05	0.00E+00	9.51E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
3303	ALL	654184.3	4186933	NonCancer	0.00E+00	9.35E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.35E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
3304	ALL	654206.8	4186943	NonCancer	0.00E+00	8.64E-05	2.21E-03	0.00E+00	0.00E+00	2.21E-03	8.64E-05	0.00E+00	8.64E-05	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	2.21E-03
3305	ALL	654229.2	4186953	NonCancer	0.00E+00	9.11E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.11E-05	0.00E+00	9.11E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3306	ALL	654251.7	4186963	NonCancer	0.00E+00	8.55E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.55E-05	0.00E+00	8.55E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
3307	ALL	654274.1	4186974	NonCancer	0.00E+00	8.63E-05	2.22E-03	0.00E+00	0.00E+00	2.22E-03	8.63E-05	0.00E+00	8.63E-05	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	2.22E-03
3308	ALL	654296.5	4186984	NonCancer	0.00E+00	9.39E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.39E-05	0.00E+00	9.39E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3309	ALL	654319	4186994	NonCancer	0.00E+00	8.91E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.91E-05	0.00E+00	8.91E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
3310	ALL	654341.4	4187005	NonCancer	0.00E+00	7.83E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.83E-05	0.00E+00	7.83E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3311	ALL	654363.9	4187015	NonCancer	0.00E+00	8.12E-05	2.07E-03	0.00E+00	0.00E+00	2.07E-03	8.12E-05	0.00E+00	8.12E-05	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	2.07E-03
3312	ALL	654386.3	4187025	NonCancer	0.00E+00	8.71E-05	2.20E-03	0.00E+00	0.00E+00	2.20E-03	8.71E-05	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	2.20E-03
3313	ALL	654408.7	4187036	NonCancer	0.00E+00	8.33E-05	2.10E-03	0.00E+00	0.00E+00	2.10E-03	8.33E-05	0.00E+00	8.33E-05	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
3314	ALL	654431.2	4187046	NonCancer	0.00E+00	8.02E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.02E-05	0.00E+00	8.02E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
3315	ALL	654453.6	4187056	NonCancer	0.00E+00	8.18E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.18E-05	0.00E+00	8.18E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
3316	ALL	654476.1	4187066	NonCancer	0.00E+00	7.31E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.31E-05	0.00E+00	7.31E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
3317	ALL	654498.5	4187077	NonCancer	0.00E+00	7.79E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.79E-05	0.00E+00	7.79E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3318	ALL	654520.9	4187087	NonCancer	0.00E+00	8.29E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.29E-05	0.00E+00	8.29E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
3319	ALL	654543.4	4187097	NonCancer	0.00E+00	7.87E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.87E-05	0.00E+00	7.87E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3320	ALL	654565.8	4187108	NonCancer	0.00E+00	7.59E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.59E-05	0.00E+00	7.59E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
3321	ALL	654588.3	4187118	NonCancer	0.00E+00	7.23E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.23E-05	0.00E+00	7.23E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3322	ALL	654610.7	4187128	NonCancer	0.00E+00	6.79E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.79E-05	0.00E+00	6.79E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3323	ALL	654641.2	4187162	NonCancer	0.00E+00	6.62E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.62E-05	0.00E+00	6.62E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
3324	ALL	654649.3	4187185	NonCancer	0.00E+00	7.40E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.40E-05	0.00E+00	7.40E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
3325	ALL	654657.4	4187209	NonCancer	0.00E+00	8.17E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.17E-05	0.00E+00	8.17E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
3326	ALL	654665.4	4187232	NonCancer	0.00E+00	8.06E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.06E-05	0.00E+00	8.06E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
3327	ALL	654673.5	4187255	NonCancer	0.00E+00	7.96E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	7.96E-05	0.00E+00	7.96E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
3328	ALL	654681.6	4187279	NonCancer	0.00E+00	8.46E-05	2.13E-03	0.00E+00	0.00E+00	2.13E-03	8.46E-05	0.00E+00	8.46E-05	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	2.13E-03
3329	ALL	654689.6	4187302	NonCancer	0.00E+00	8.23E-05	2.08E-03	0.00E+00	0.00E+00	2.08E-03	8.23E-05	0.00E+00	8.23E-05	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	2.08E-03
3330	ALL	654697.7	4187325	NonCancer	0.00E+00	8.46E-05	2.13E-03	0.00E+00	0.00E+00	2.13E-03	8.46E-05	0.00E+00	8.46E-05	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	2.13E-03
3331	ALL	654705.8	4187349	NonCancer	0.00E+00	8.76E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.76E-05	0.00E+00	8.76E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
3332	ALL	654713.9	4187372	NonCancer	0.00E+00	9.50E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.50E-05	0.00E+00	9.50E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
3333	ALL	654721.9	4187395	NonCancer	0.00E+00	9.20E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.20E-05	0.00E+00	9.20E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
3334	ALL	654730	4187419	NonCancer	0.00E+00	7.93E-05	2.05E-03	0.00E+00	0.00E+00	2.05E-03	7.93E-05	0.00E+00	7.93E-05	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.05E-03
3335	ALL	654738.1	4187442	NonCancer	0.00E+00	6.80E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.80E-05	0.00E+00	6.80E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
3336	ALL	654746.1	4187465	NonCancer	0.00E+00	6.24E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.24E-05	0.00E+00	6.24E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
3337	ALL	654754.2	4187489	NonCancer	0.00E+00	6.91E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.91E-05	0.00E+00	6.91E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
3338	ALL	654762.3	4187512	NonCancer	0.00E+00	7.20E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.20E-05	0.00E+00	7.20E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3339	ALL	654770.3	4187535	NonCancer	0.00E+00	6.82E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
3340	ALL	654778.4	4187559	NonCancer	0.00E+00	6.76E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.76E-05	0.00E+00	6.76E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
3341	ALL	654786.5	4187582	NonCancer	0.00E+00	7.10E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.10E-05	0.00E+00	7.10E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
3342	ALL	654794.6	4187605	NonCancer	0.00E+00	6.66E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.66E-05	0.00E+00	6.66E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
3343	ALL	654802.6	4187629	NonCancer	0.00E+00	6.32E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.32E-05	0.00E+00	6.32E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3344	ALL	654810.7	4187652	NonCancer	0.00E+00	6.90E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.90E-05	0.00E+00	6.90E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
3345	ALL	654818.8	4187675	NonCancer	0.00E+00	6.60E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
3346	ALL	654826.8	4187699	NonCancer	0.00E+00	6.84E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3347	ALL	654834.9	4187722	NonCancer	0.00E+00	6.88E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.88E-05	0.00E+00	6.88E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
3348	ALL	654843	4187745	NonCancer	0.00E+00	6.82E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
3349	ALL	654851	4187769	NonCancer	0.00E+00	6.51E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.51E-05	0.00E+00	6.51E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03

3350	ALL	654859.1	4187792	NonCancer	0.00E+00	6.94E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
3351	ALL	654867.2	4187815	NonCancer	0.00E+00	6.99E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.99E-05	0.00E+00	6.99E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
3352	ALL	654875.3	4187839	NonCancer	0.00E+00	6.83E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.83E-05	0.00E+00	6.83E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3353	ALL	654883.3	4187862	NonCancer	0.00E+00	6.60E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
3354	ALL	654891.4	4187885	NonCancer	0.00E+00	6.36E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.36E-05	0.00E+00	6.36E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3355	ALL	654899.5	4187909	NonCancer	0.00E+00	6.46E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.46E-05	0.00E+00	6.46E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
3356	ALL	654907.5	4187932	NonCancer	0.00E+00	6.03E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
3357	ALL	653847.7	4186778	NonCancer	0.00E+00	1.03E-04	2.61E-03	0.00E+00	0.00E+00	2.61E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.61E-03
3358	ALL	653823	4186777	NonCancer	0.00E+00	9.31E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.31E-05	0.00E+00	9.31E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
3359	ALL	653798.2	4186777	NonCancer	0.00E+00	8.36E-05	2.18E-03	0.00E+00	0.00E+00	2.18E-03	8.36E-05	0.00E+00	8.36E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
3360	ALL	653773.4	4186776	NonCancer	0.00E+00	8.71E-05	2.21E-03	0.00E+00	0.00E+00	2.21E-03	8.71E-05	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	2.21E-03
3361	ALL	653748.6	4186775	NonCancer	0.00E+00	9.31E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.31E-05	0.00E+00	9.31E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
3362	ALL	653723.9	4186775	NonCancer	0.00E+00	9.42E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.42E-05	0.00E+00	9.42E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
3363	ALL	653876.8	4186538	NonCancer	0.00E+00	9.13E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.13E-05	0.00E+00	9.13E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3364	ALL	653899.3	4186549	NonCancer	0.00E+00	9.02E-05	2.26E-03	0.00E+00	0.00E+00	2.26E-03	9.02E-05	0.00E+00	9.02E-05	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	2.26E-03
3365	ALL	653921.7	4186559	NonCancer	0.00E+00	8.23E-05	2.07E-03	0.00E+00	0.00E+00	2.07E-03	8.23E-05	0.00E+00	8.23E-05	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	2.07E-03
3366	ALL	653944.1	4186569	NonCancer	0.00E+00	7.02E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.02E-05	0.00E+00	7.02E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
3367	ALL	653966.5	4186580	NonCancer	0.00E+00	7.01E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	7.01E-05	0.00E+00	7.01E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
3368	ALL	653988.9	4186590	NonCancer	0.00E+00	6.47E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.47E-05	0.00E+00	6.47E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
3369	ALL	654011.3	4186600	NonCancer	0.00E+00	6.06E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.06E-05	0.00E+00	6.06E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3370	ALL	654033.8	4186610	NonCancer	0.00E+00	6.27E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.27E-05	0.00E+00	6.27E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
3371	ALL	654056.2	4186621	NonCancer	0.00E+00	6.93E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.93E-05	0.00E+00	6.93E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
3372	ALL	654078.6	4186631	NonCancer	0.00E+00	7.01E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.01E-05	0.00E+00	7.01E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
3373	ALL	654101	4186641	NonCancer	0.00E+00	7.09E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.09E-05	0.00E+00	7.09E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
3374	ALL	654123.4	4186652	NonCancer	0.00E+00	7.11E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.11E-05	0.00E+00	7.11E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
3375	ALL	654145.8	4186662	NonCancer	0.00E+00	6.78E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.78E-05	0.00E+00	6.78E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
3376	ALL	654168.3	4186672	NonCancer	0.00E+00	7.15E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.15E-05	0.00E+00	7.15E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
3377	ALL	654190.7	4186682	NonCancer	0.00E+00	7.24E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3378	ALL	654213.1	4186693	NonCancer	0.00E+00	7.20E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.20E-05	0.00E+00	7.20E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3379	ALL	654235.5	4186703	NonCancer	0.00E+00	7.35E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
3380	ALL	654257.9	4186713	NonCancer	0.00E+00	7.32E-05	1.85E-03	0.00E+00	0.00E+00	1.85E-03	7.32E-05	0.00E+00	7.32E-05	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.85E-03
3381	ALL	654280.3	4186724	NonCancer	0.00E+00	7.16E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.16E-05	0.00E+00	7.16E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
3382	ALL	654302.7	4186734	NonCancer	0.00E+00	6.63E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.63E-05	0.00E+00	6.63E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
3383	ALL	654325.2	4186744	NonCancer	0.00E+00	7.06E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.06E-05	0.00E+00	7.06E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
3384	ALL	654347.6	4186755	NonCancer	0.00E+00	6.82E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3385	ALL	654370	4186765	NonCancer	0.00E+00	6.08E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.08E-05	0.00E+00	6.08E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
3386	ALL	654392.4	4186775	NonCancer	0.00E+00	6.92E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.92E-05	0.00E+00	6.92E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
3387	ALL	654414.8	4186785	NonCancer	0.00E+00	7.29E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
3388	ALL	654437.2	4186796	NonCancer	0.00E+00	6.91E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.91E-05	0.00E+00	6.91E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
3389	ALL	654459.7	4186806	NonCancer	0.00E+00	6.16E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.16E-05	0.00E+00	6.16E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3390	ALL	654482.1	4186816	NonCancer	0.00E+00	6.11E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.11E-05	0.00E+00	6.11E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3391	ALL	654504.5	4186827	NonCancer	0.00E+00	6.51E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.51E-05	0.00E+00	6.51E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
3392	ALL	654526.9	4186837	NonCancer	0.00E+00	6.76E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.76E-05	0.00E+00	6.76E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
3393	ALL	654549.3	4186847	NonCancer	0.00E+00	6.33E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.33E-05	0.00E+00	6.33E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3394	ALL	654571.7	4186857	NonCancer	0.00E+00	6.15E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.15E-05	0.00E+00	6.15E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3395	ALL	654594.2	4186868	NonCancer	0.00E+00	6.39E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3396	ALL	654616.6	4186878	NonCancer	0.00E+00	5.96E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.96E-05	0.00E+00	5.96E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3397	ALL	654639	4186888	NonCancer	0.00E+00	5.40E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.40E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3398	ALL	654661.4	4186899	NonCancer	0.00E+00	6.16E-05	1.57E-03	0.00E+00	0.00E+00	1.57E-03	6.16E-05	0.00E+00	6.16E-05	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	1.57E-03
3399	ALL	654683.8	4186909	NonCancer	0.00E+00	6.42E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.42E-05	0.00E+00	6.42E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03

3400	ALL	654706.2	4186919	NonCancer	0.00E+00	6.12E-05	1.55E-03	0.00E+00	0.00E+00	1.55E-03	6.12E-05	0.00E+00	6.12E-05	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
3401	ALL	654728.7	4186929	NonCancer	0.00E+00	5.93E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3402	ALL	654751.1	4186940	NonCancer	0.00E+00	6.36E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.36E-05	0.00E+00	6.36E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3403	ALL	654773.5	4186950	NonCancer	0.00E+00	6.18E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3404	ALL	654795.9	4186960	NonCancer	0.00E+00	5.46E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
3405	ALL	654826.4	4186994	NonCancer	0.00E+00	5.05E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3406	ALL	654834.4	4187017	NonCancer	0.00E+00	5.36E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.36E-05	0.00E+00	5.36E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
3407	ALL	654842.5	4187041	NonCancer	0.00E+00	6.10E-05	1.55E-03	0.00E+00	0.00E+00	1.55E-03	6.10E-05	0.00E+00	6.10E-05	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
3408	ALL	654850.6	4187064	NonCancer	0.00E+00	6.37E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.37E-05	0.00E+00	6.37E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3409	ALL	654858.6	4187087	NonCancer	0.00E+00	6.09E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.09E-05	0.00E+00	6.09E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
3410	ALL	654866.7	4187111	NonCancer	0.00E+00	6.14E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.14E-05	0.00E+00	6.14E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3411	ALL	654874.8	4187134	NonCancer	0.00E+00	6.53E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.53E-05	0.00E+00	6.53E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
3412	ALL	654882.8	4187157	NonCancer	0.00E+00	6.33E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.33E-05	0.00E+00	6.33E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3413	ALL	654890.9	4187180	NonCancer	0.00E+00	6.55E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.55E-05	0.00E+00	6.55E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
3414	ALL	654898.9	4187204	NonCancer	0.00E+00	6.39E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
3415	ALL	654907	4187227	NonCancer	0.00E+00	6.87E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.87E-05	0.00E+00	6.87E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
3416	ALL	654915.1	4187250	NonCancer	0.00E+00	7.33E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.33E-05	0.00E+00	7.33E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
3417	ALL	654923.1	4187274	NonCancer	0.00E+00	7.17E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3418	ALL	654931.2	4187297	NonCancer	0.00E+00	6.41E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.41E-05	0.00E+00	6.41E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
3419	ALL	654939.3	4187320	NonCancer	0.00E+00	5.34E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3420	ALL	654947.3	4187344	NonCancer	0.00E+00	5.09E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3421	ALL	654955.4	4187367	NonCancer	0.00E+00	4.84E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.84E-05	0.00E+00	4.84E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
3422	ALL	654963.4	4187390	NonCancer	0.00E+00	5.29E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3423	ALL	654971.5	4187414	NonCancer	0.00E+00	5.57E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.57E-05	0.00E+00	5.57E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3424	ALL	654979.6	4187437	NonCancer	0.00E+00	5.34E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
3425	ALL	654987.6	4187460	NonCancer	0.00E+00	5.30E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3426	ALL	654995.7	4187484	NonCancer	0.00E+00	5.28E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3427	ALL	655003.7	4187507	NonCancer	0.00E+00	5.48E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.48E-05	0.00E+00	5.48E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
3428	ALL	655011.8	4187530	NonCancer	0.00E+00	5.14E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.14E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3429	ALL	655019.9	4187553	NonCancer	0.00E+00	4.68E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3430	ALL	655027.9	4187577	NonCancer	0.00E+00	5.22E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3431	ALL	655036	4187600	NonCancer	0.00E+00	5.31E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3432	ALL	655044.1	4187623	NonCancer	0.00E+00	4.88E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3433	ALL	655052.1	4187647	NonCancer	0.00E+00	5.31E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3434	ALL	655060.2	4187670	NonCancer	0.00E+00	5.33E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.33E-05	0.00E+00	5.33E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3435	ALL	655068.2	4187693	NonCancer	0.00E+00	5.22E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3436	ALL	655076.3	4187717	NonCancer	0.00E+00	5.20E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.20E-05	0.00E+00	5.20E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3437	ALL	655084.4	4187740	NonCancer	0.00E+00	5.01E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.01E-05	0.00E+00	5.01E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3438	ALL	655092.4	4187763	NonCancer	0.00E+00	5.42E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.42E-05	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3439	ALL	655100.5	4187787	NonCancer	0.00E+00	5.37E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.37E-05	0.00E+00	5.37E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3440	ALL	655108.6	4187810	NonCancer	0.00E+00	5.25E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.25E-05	0.00E+00	5.25E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3441	ALL	655116.6	4187833	NonCancer	0.00E+00	5.19E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3442	ALL	655124.7	4187856	NonCancer	0.00E+00	4.71E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.71E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3443	ALL	655132.7	4187880	NonCancer	0.00E+00	4.97E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3444	ALL	655140.8	4187903	NonCancer	0.00E+00	4.94E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3445	ALL	655148.9	4187926	NonCancer	0.00E+00	4.92E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.92E-05	0.00E+00	4.92E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3446	ALL	655156.9	4187950	NonCancer	0.00E+00	4.57E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3447	ALL	653854.4	4186528	NonCancer	0.00E+00	8.54E-05	2.18E-03	0.00E+00	0.00E+00	2.18E-03	8.54E-05	0.00E+00	8.54E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
3448	ALL	653829.6	4186527	NonCancer	0.00E+00	7.36E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.36E-05	0.00E+00	7.36E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
3449	ALL	653804.9	4186527	NonCancer	0.00E+00	6.62E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.62E-05	0.00E+00	6.62E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03

3450	ALL	653780.1	4186526	NonCancer	0.00E+00	6.75E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
3451	ALL	653755.3	4186525	NonCancer	0.00E+00	7.07E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
3452	ALL	653730.5	4186525	NonCancer	0.00E+00	7.33E-05	1.85E-03	0.00E+00	0.00E+00	1.85E-03	7.33E-05	0.00E+00	7.33E-05	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.85E-03
3453	ALL	653883.5	4186288	NonCancer	0.00E+00	7.85E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.85E-05	0.00E+00	7.85E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3454	ALL	653905.9	4186299	NonCancer	0.00E+00	8.19E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.19E-05	0.00E+00	8.19E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
3455	ALL	653928.3	4186309	NonCancer	0.00E+00	8.03E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	8.03E-05	0.00E+00	8.03E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
3456	ALL	653950.7	4186319	NonCancer	0.00E+00	7.38E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
3457	ALL	653973.1	4186330	NonCancer	0.00E+00	6.35E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.35E-05	0.00E+00	6.35E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3458	ALL	653995.5	4186340	NonCancer	0.00E+00	5.71E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.71E-05	0.00E+00	5.71E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
3459	ALL	654017.9	4186350	NonCancer	0.00E+00	5.46E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
3460	ALL	654040.3	4186360	NonCancer	0.00E+00	5.11E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.11E-05	0.00E+00	5.11E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3461	ALL	654062.7	4186371	NonCancer	0.00E+00	4.80E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.80E-05	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3462	ALL	654085.1	4186381	NonCancer	0.00E+00	5.02E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3463	ALL	654107.5	4186391	NonCancer	0.00E+00	5.53E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3464	ALL	654129.9	4186402	NonCancer	0.00E+00	5.67E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3465	ALL	654152.3	4186412	NonCancer	0.00E+00	5.52E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.52E-05	0.00E+00	5.52E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3466	ALL	654174.7	4186422	NonCancer	0.00E+00	5.80E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.80E-05	0.00E+00	5.80E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
3467	ALL	654197.1	4186432	NonCancer	0.00E+00	5.62E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.62E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3468	ALL	654219.5	4186443	NonCancer	0.00E+00	5.51E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.51E-05	0.00E+00	5.51E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3469	ALL	654241.9	4186453	NonCancer	0.00E+00	5.76E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.76E-05	0.00E+00	5.76E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
3470	ALL	654264.3	4186463	NonCancer	0.00E+00	5.79E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.79E-05	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
3471	ALL	654286.7	4186474	NonCancer	0.00E+00	5.87E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
3472	ALL	654309.1	4186484	NonCancer	0.00E+00	5.75E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.75E-05	0.00E+00	5.75E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
3473	ALL	654331.5	4186494	NonCancer	0.00E+00	5.97E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.97E-05	0.00E+00	5.97E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3474	ALL	654353.9	4186504	NonCancer	0.00E+00	5.93E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
3475	ALL	654376.3	4186515	NonCancer	0.00E+00	5.69E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3476	ALL	654398.7	4186525	NonCancer	0.00E+00	5.30E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3477	ALL	654421.1	4186535	NonCancer	0.00E+00	5.66E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.66E-05	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3478	ALL	654443.5	4186546	NonCancer	0.00E+00	5.60E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.60E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3479	ALL	654465.9	4186556	NonCancer	0.00E+00	5.15E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3480	ALL	654488.3	4186566	NonCancer	0.00E+00	5.07E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.07E-05	0.00E+00	5.07E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3481	ALL	654510.7	4186576	NonCancer	0.00E+00	5.69E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
3482	ALL	654533.1	4186587	NonCancer	0.00E+00	5.87E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
3483	ALL	654555.5	4186597	NonCancer	0.00E+00	5.56E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.56E-05	0.00E+00	5.56E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3484	ALL	654577.9	4186607	NonCancer	0.00E+00	5.01E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	5.01E-05	0.00E+00	5.01E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
3485	ALL	654600.3	4186618	NonCancer	0.00E+00	4.73E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3486	ALL	654622.7	4186628	NonCancer	0.00E+00	5.05E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3487	ALL	654645.1	4186638	NonCancer	0.00E+00	5.38E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.38E-05	0.00E+00	5.38E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3488	ALL	654667.5	4186648	NonCancer	0.00E+00	5.41E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3489	ALL	654689.9	4186659	NonCancer	0.00E+00	5.03E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3490	ALL	654712.3	4186669	NonCancer	0.00E+00	4.90E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3491	ALL	654734.7	4186679	NonCancer	0.00E+00	5.16E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3492	ALL	654757.1	4186690	NonCancer	0.00E+00	4.97E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3493	ALL	654779.5	4186700	NonCancer	0.00E+00	4.41E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
3494	ALL	654801.9	4186710	NonCancer	0.00E+00	4.55E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3495	ALL	654824.3	4186720	NonCancer	0.00E+00	5.03E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
3496	ALL	654846.7	4186731	NonCancer	0.00E+00	5.17E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3497	ALL	654869.1	4186741	NonCancer	0.00E+00	4.95E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.95E-05	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
3498	ALL	654891.5	4186751	NonCancer	0.00E+00	5.09E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3499	ALL	654913.9	4186762	NonCancer	0.00E+00	5.59E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03

3500	ALL	654936.3	4186772	NonCancer	0.00E+00	5.67E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3501	ALL	654958.7	4186782	NonCancer	0.00E+00	5.32E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.32E-05	0.00E+00	5.32E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3502	ALL	654981.1	4186792	NonCancer	0.00E+00	4.62E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3503	ALL	655011.6	4186826	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3504	ALL	655019.6	4186849	NonCancer	0.00E+00	4.22E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3505	ALL	655027.7	4186873	NonCancer	0.00E+00	4.68E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3506	ALL	655035.7	4186896	NonCancer	0.00E+00	5.05E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
3507	ALL	655043.8	4186919	NonCancer	0.00E+00	5.09E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3508	ALL	655051.8	4186942	NonCancer	0.00E+00	4.78E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.78E-05	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3509	ALL	655059.9	4186966	NonCancer	0.00E+00	4.93E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3510	ALL	655068	4186989	NonCancer	0.00E+00	5.24E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.24E-05	0.00E+00	5.24E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3511	ALL	655076	4187012	NonCancer	0.00E+00	5.17E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3512	ALL	655084.1	4187036	NonCancer	0.00E+00	5.17E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3513	ALL	655092.1	4187059	NonCancer	0.00E+00	5.26E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3514	ALL	655100.2	4187082	NonCancer	0.00E+00	4.99E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	4.99E-05	0.00E+00	4.99E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3515	ALL	655108.2	4187106	NonCancer	0.00E+00	5.58E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.58E-05	0.00E+00	5.58E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3516	ALL	655116.3	4187129	NonCancer	0.00E+00	5.89E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.89E-05	0.00E+00	5.89E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3517	ALL	655124.3	4187152	NonCancer	0.00E+00	5.79E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.79E-05	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
3518	ALL	655132.4	4187175	NonCancer	0.00E+00	5.30E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3519	ALL	655140.5	4187199	NonCancer	0.00E+00	4.53E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
3520	ALL	655148.5	4187222	NonCancer	0.00E+00	4.23E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3521	ALL	655156.6	4187245	NonCancer	0.00E+00	3.93E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3522	ALL	655164.6	4187269	NonCancer	0.00E+00	3.93E-05	9.97E-04	0.00E+00	0.00E+00	9.97E-04	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	9.97E-04
3523	ALL	655172.7	4187292	NonCancer	0.00E+00	4.23E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3524	ALL	655180.7	4187315	NonCancer	0.00E+00	4.46E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.46E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
3525	ALL	655188.8	4187338	NonCancer	0.00E+00	4.38E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
3526	ALL	655196.8	4187362	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3527	ALL	655204.9	4187385	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3528	ALL	655213	4187408	NonCancer	0.00E+00	4.32E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3529	ALL	655221	4187432	NonCancer	0.00E+00	4.39E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
3530	ALL	655229.1	4187455	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3531	ALL	655237.1	4187478	NonCancer	0.00E+00	3.76E-05	9.61E-04	0.00E+00	0.00E+00	9.61E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	9.61E-04
3532	ALL	655245.2	4187502	NonCancer	0.00E+00	4.06E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3533	ALL	655253.2	4187525	NonCancer	0.00E+00	4.28E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3534	ALL	655261.3	4187548	NonCancer	0.00E+00	4.17E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.17E-05	0.00E+00	4.17E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3535	ALL	655269.4	4187571	NonCancer	0.00E+00	3.94E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3536	ALL	655277.4	4187595	NonCancer	0.00E+00	4.28E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3537	ALL	655285.5	4187618	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3538	ALL	655293.5	4187641	NonCancer	0.00E+00	4.14E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3539	ALL	655301.6	4187665	NonCancer	0.00E+00	4.23E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3540	ALL	655309.6	4187688	NonCancer	0.00E+00	4.00E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3541	ALL	655317.7	4187711	NonCancer	0.00E+00	4.16E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3542	ALL	655325.7	4187734	NonCancer	0.00E+00	4.38E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3543	ALL	655333.8	4187758	NonCancer	0.00E+00	4.29E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3544	ALL	655341.9	4187781	NonCancer	0.00E+00	4.20E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3545	ALL	655349.9	4187804	NonCancer	0.00E+00	4.21E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3546	ALL	655358	4187828	NonCancer	0.00E+00	3.94E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3547	ALL	655366	4187851	NonCancer	0.00E+00	3.89E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
3548	ALL	655374.1	4187874	NonCancer	0.00E+00	4.02E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3549	ALL	655382.1	4187898	NonCancer	0.00E+00	4.42E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.42E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03

3550	ALL	655390.2	4187921	NonCancer	0.00E+00	4.37E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3551	ALL	655398.3	4187944	NonCancer	0.00E+00	3.91E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.91E-05	0.00E+00	3.91E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3552	ALL	655406.3	4187967	NonCancer	0.00E+00	3.90E-05	9.88E-04	0.00E+00	0.00E+00	9.88E-04	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	9.88E-04	0.00E+00	0.00E+00	9.88E-04
3553	ALL	653861.1	4186278	NonCancer	0.00E+00	7.07E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3554	ALL	653836.3	4186278	NonCancer	0.00E+00	5.94E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	5.94E-05	0.00E+00	5.94E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
3555	ALL	653811.5	4186277	NonCancer	0.00E+00	5.41E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3556	ALL	653786.8	4186276	NonCancer	0.00E+00	5.43E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3557	ALL	653762	4186276	NonCancer	0.00E+00	5.59E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3558	ALL	653737.2	4186275	NonCancer	0.00E+00	5.88E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.88E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3559	ALL	653890.2	4186039	NonCancer	0.00E+00	6.68E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
3560	ALL	653912.6	4186049	NonCancer	0.00E+00	7.22E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.22E-05	0.00E+00	7.22E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3561	ALL	653934.9	4186059	NonCancer	0.00E+00	7.43E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.43E-05	0.00E+00	7.43E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
3562	ALL	653957.3	4186069	NonCancer	0.00E+00	7.24E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3563	ALL	653979.7	4186080	NonCancer	0.00E+00	6.70E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.70E-05	0.00E+00	6.70E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
3564	ALL	654002.1	4186090	NonCancer	0.00E+00	5.86E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3565	ALL	654024.5	4186100	NonCancer	0.00E+00	4.86E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
3566	ALL	654046.9	4186111	NonCancer	0.00E+00	4.66E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3567	ALL	654069.3	4186121	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3568	ALL	654091.7	4186131	NonCancer	0.00E+00	4.14E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3569	ALL	654114	4186141	NonCancer	0.00E+00	3.99E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3570	ALL	654136.4	4186152	NonCancer	0.00E+00	4.13E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.13E-05	0.00E+00	4.13E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3571	ALL	654158.8	4186162	NonCancer	0.00E+00	4.55E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3572	ALL	654181.2	4186172	NonCancer	0.00E+00	4.70E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.70E-05	0.00E+00	4.70E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
3573	ALL	654203.6	4186182	NonCancer	0.00E+00	4.60E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3574	ALL	654226	4186193	NonCancer	0.00E+00	4.74E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.74E-05	0.00E+00	4.74E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3575	ALL	654248.4	4186203	NonCancer	0.00E+00	4.79E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.79E-05	0.00E+00	4.79E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3576	ALL	654270.8	4186213	NonCancer	0.00E+00	4.58E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3577	ALL	654293.2	4186224	NonCancer	0.00E+00	4.59E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.59E-05	0.00E+00	4.59E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3578	ALL	654315.5	4186234	NonCancer	0.00E+00	4.77E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3579	ALL	654337.9	4186244	NonCancer	0.00E+00	4.82E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.82E-05	0.00E+00	4.82E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3580	ALL	654360.3	4186254	NonCancer	0.00E+00	4.89E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.89E-05	0.00E+00	4.89E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
3581	ALL	654382.7	4186265	NonCancer	0.00E+00	4.69E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.69E-05	0.00E+00	4.69E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3582	ALL	654405.1	4186275	NonCancer	0.00E+00	4.91E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.91E-05	0.00E+00	4.91E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3583	ALL	654427.5	4186285	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3584	ALL	654449.9	4186296	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3585	ALL	654472.3	4186306	NonCancer	0.00E+00	4.65E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3586	ALL	654494.6	4186316	NonCancer	0.00E+00	4.35E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3587	ALL	654517	4186326	NonCancer	0.00E+00	4.66E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3588	ALL	654539.4	4186337	NonCancer	0.00E+00	4.69E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.69E-05	0.00E+00	4.69E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3589	ALL	654561.8	4186347	NonCancer	0.00E+00	4.42E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.42E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3590	ALL	654584.2	4186357	NonCancer	0.00E+00	4.02E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
3591	ALL	654606.6	4186367	NonCancer	0.00E+00	4.38E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
3592	ALL	654629	4186378	NonCancer	0.00E+00	4.78E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.78E-05	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3593	ALL	654651.4	4186388	NonCancer	0.00E+00	4.86E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
3594	ALL	654673.8	4186398	NonCancer	0.00E+00	4.60E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3595	ALL	654696.1	4186409	NonCancer	0.00E+00	4.18E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.18E-05	0.00E+00	4.18E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3596	ALL	654718.5	4186419	NonCancer	0.00E+00	3.86E-05	9.92E-04	0.00E+00	0.00E+00	9.92E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	9.92E-04
3597	ALL	654740.9	4186429	NonCancer	0.00E+00	4.09E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.09E-05	0.00E+00	4.09E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3598	ALL	654763.3	4186439	NonCancer	0.00E+00	4.28E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3599	ALL	654785.7	4186450	NonCancer	0.00E+00	4.51E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03

3600	ALL	654808.1	4186460	NonCancer	0.00E+00	4.43E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.43E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3601	ALL	654830.5	4186470	NonCancer	0.00E+00	4.16E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3602	ALL	654852.9	4186481	NonCancer	0.00E+00	4.03E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3603	ALL	654875.2	4186491	NonCancer	0.00E+00	4.26E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3604	ALL	654897.6	4186501	NonCancer	0.00E+00	4.20E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3605	ALL	654920	4186511	NonCancer	0.00E+00	3.85E-05	9.77E-04	0.00E+00	0.00E+00	9.77E-04	3.85E-05	0.00E+00	3.85E-05	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	9.77E-04
3606	ALL	654942.4	4186522	NonCancer	0.00E+00	3.50E-05	9.08E-04	0.00E+00	0.00E+00	9.08E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	9.08E-04
3607	ALL	654964.8	4186532	NonCancer	0.00E+00	3.89E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3608	ALL	654987.2	4186542	NonCancer	0.00E+00	4.20E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3609	ALL	655009.6	4186553	NonCancer	0.00E+00	4.28E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3610	ALL	655032	4186563	NonCancer	0.00E+00	4.14E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3611	ALL	655054.4	4186573	NonCancer	0.00E+00	4.44E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
3612	ALL	655076.7	4186583	NonCancer	0.00E+00	4.94E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3613	ALL	655099.1	4186594	NonCancer	0.00E+00	5.16E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3614	ALL	655121.5	4186604	NonCancer	0.00E+00	5.04E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.04E-05	0.00E+00	5.04E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3615	ALL	655143.9	4186614	NonCancer	0.00E+00	4.62E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3616	ALL	655166.3	4186624	NonCancer	0.00E+00	3.98E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3617	ALL	655196.7	4186658	NonCancer	0.00E+00	3.33E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
3618	ALL	655204.8	4186681	NonCancer	0.00E+00	3.48E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
3619	ALL	655212.8	4186705	NonCancer	0.00E+00	3.68E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
3620	ALL	655220.9	4186728	NonCancer	0.00E+00	4.06E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3621	ALL	655228.9	4186751	NonCancer	0.00E+00	4.23E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3622	ALL	655237	4186774	NonCancer	0.00E+00	4.16E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3623	ALL	655245	4186798	NonCancer	0.00E+00	3.86E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
3624	ALL	655253.1	4186821	NonCancer	0.00E+00	4.07E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
3625	ALL	655261.1	4186844	NonCancer	0.00E+00	4.32E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3626	ALL	655269.2	4186868	NonCancer	0.00E+00	4.31E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3627	ALL	655277.3	4186891	NonCancer	0.00E+00	4.16E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3628	ALL	655285.3	4186914	NonCancer	0.00E+00	4.36E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.36E-05	0.00E+00	4.36E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3629	ALL	655293.4	4186937	NonCancer	0.00E+00	4.29E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3630	ALL	655301.4	4186961	NonCancer	0.00E+00	4.58E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3631	ALL	655309.5	4186984	NonCancer	0.00E+00	4.76E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.76E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3632	ALL	655317.5	4187007	NonCancer	0.00E+00	4.86E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3633	ALL	655325.6	4187031	NonCancer	0.00E+00	4.81E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3634	ALL	655333.6	4187054	NonCancer	0.00E+00	4.48E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
3635	ALL	655341.7	4187077	NonCancer	0.00E+00	3.93E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3636	ALL	655349.7	4187100	NonCancer	0.00E+00	3.53E-05	9.16E-04	0.00E+00	0.00E+00	9.16E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	9.16E-04
3637	ALL	655357.8	4187124	NonCancer	0.00E+00	3.43E-05	8.75E-04	0.00E+00	0.00E+00	8.75E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	8.75E-04
3638	ALL	655365.8	4187147	NonCancer	0.00E+00	3.19E-05	8.10E-04	0.00E+00	0.00E+00	8.10E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	8.10E-04
3639	ALL	655373.9	4187170	NonCancer	0.00E+00	3.27E-05	8.31E-04	0.00E+00	0.00E+00	8.31E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	8.31E-04
3640	ALL	655381.9	4187194	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
3641	ALL	655390	4187217	NonCancer	0.00E+00	3.68E-05	9.29E-04	0.00E+00	0.00E+00	9.29E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	9.29E-04
3642	ALL	655398	4187240	NonCancer	0.00E+00	3.67E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
3643	ALL	655406.1	4187263	NonCancer	0.00E+00	3.44E-05	8.76E-04	0.00E+00	0.00E+00	8.76E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	8.76E-04
3644	ALL	655414.1	4187287	NonCancer	0.00E+00	3.52E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
3645	ALL	655422.2	4187310	NonCancer	0.00E+00	3.42E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
3646	ALL	655430.2	4187333	NonCancer	0.00E+00	3.61E-05	9.11E-04	0.00E+00	0.00E+00	9.11E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	9.11E-04
3647	ALL	655438.3	4187356	NonCancer	0.00E+00	3.62E-05	9.15E-04	0.00E+00	0.00E+00	9.15E-04	3.62E-05	0.00E+00	3.62E-05	0.00E+00	0.00E+00	9.15E-04	0.00E+00	0.00E+00	9.15E-04
3648	ALL	655446.3	4187380	NonCancer	0.00E+00	3.40E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
3649	ALL	655454.4	4187403	NonCancer	0.00E+00	3.11E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04

3650	ALL	655462.4	4187426	NonCancer	0.00E+00	3.23E-05	8.21E-04	0.00E+00	0.00E+00	8.21E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	8.21E-04
3651	ALL	655470.5	4187450	NonCancer	0.00E+00	3.50E-05	8.82E-04	0.00E+00	0.00E+00	8.82E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	8.82E-04
3652	ALL	655478.5	4187473	NonCancer	0.00E+00	3.54E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3653	ALL	655486.6	4187496	NonCancer	0.00E+00	3.35E-05	8.52E-04	0.00E+00	0.00E+00	8.52E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	8.52E-04
3654	ALL	655494.6	4187519	NonCancer	0.00E+00	3.31E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
3655	ALL	655502.7	4187543	NonCancer	0.00E+00	3.55E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
3656	ALL	655510.8	4187566	NonCancer	0.00E+00	3.55E-05	8.98E-04	0.00E+00	0.00E+00	8.98E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
3657	ALL	655518.8	4187589	NonCancer	0.00E+00	3.37E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
3658	ALL	655526.9	4187613	NonCancer	0.00E+00	3.50E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
3659	ALL	655534.9	4187636	NonCancer	0.00E+00	3.42E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
3660	ALL	655543	4187659	NonCancer	0.00E+00	3.21E-05	8.20E-04	0.00E+00	0.00E+00	8.20E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	8.20E-04
3661	ALL	655551	4187682	NonCancer	0.00E+00	3.51E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
3662	ALL	655559.1	4187706	NonCancer	0.00E+00	3.63E-05	9.15E-04	0.00E+00	0.00E+00	9.15E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.15E-04	0.00E+00	0.00E+00	9.15E-04
3663	ALL	655567.1	4187729	NonCancer	0.00E+00	3.53E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
3664	ALL	655575.2	4187752	NonCancer	0.00E+00	3.46E-05	8.77E-04	0.00E+00	0.00E+00	8.77E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	8.77E-04
3665	ALL	655583.2	4187776	NonCancer	0.00E+00	3.50E-05	8.84E-04	0.00E+00	0.00E+00	8.84E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	8.84E-04
3666	ALL	655591.3	4187799	NonCancer	0.00E+00	3.35E-05	8.51E-04	0.00E+00	0.00E+00	8.51E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.51E-04
3667	ALL	655599.3	4187822	NonCancer	0.00E+00	3.10E-05	7.94E-04	0.00E+00	0.00E+00	7.94E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	7.94E-04
3668	ALL	655607.4	4187845	NonCancer	0.00E+00	3.33E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
3669	ALL	655615.4	4187869	NonCancer	0.00E+00	3.76E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
3670	ALL	655623.5	4187892	NonCancer	0.00E+00	4.03E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3671	ALL	655631.5	4187915	NonCancer	0.00E+00	3.95E-05	9.97E-04	0.00E+00	0.00E+00	9.97E-04	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	9.97E-04
3672	ALL	655639.6	4187939	NonCancer	0.00E+00	3.56E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
3673	ALL	655647.6	4187962	NonCancer	0.00E+00	3.20E-05	8.25E-04	0.00E+00	0.00E+00	8.25E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	8.25E-04
3674	ALL	655655.7	4187985	NonCancer	0.00E+00	3.30E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
3675	ALL	653867.8	4186028	NonCancer	0.00E+00	5.87E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
3676	ALL	653843	4186028	NonCancer	0.00E+00	4.87E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	4.87E-05	0.00E+00	4.87E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3677	ALL	653818.2	4186027	NonCancer	0.00E+00	4.52E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.52E-05	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3678	ALL	653793.4	4186026	NonCancer	0.00E+00	4.50E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3679	ALL	653768.7	4186026	NonCancer	0.00E+00	4.57E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3680	ALL	653743.9	4186025	NonCancer	0.00E+00	4.84E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.84E-05	0.00E+00	4.84E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3681	ALL	653903.5	4185539	NonCancer	0.00E+00	4.77E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3682	ALL	653925.9	4185549	NonCancer	0.00E+00	5.38E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.38E-05	0.00E+00	5.38E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
3683	ALL	653948.2	4185559	NonCancer	0.00E+00	5.85E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3684	ALL	653970.6	4185570	NonCancer	0.00E+00	6.14E-05	1.55E-03	0.00E+00	0.00E+00	1.55E-03	6.14E-05	0.00E+00	6.14E-05	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
3685	ALL	653993	4185580	NonCancer	0.00E+00	6.20E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.20E-05	0.00E+00	6.20E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3686	ALL	654015.4	4185590	NonCancer	0.00E+00	6.02E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	6.02E-05	0.00E+00	6.02E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3687	ALL	654037.7	4185600	NonCancer	0.00E+00	5.62E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.62E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3688	ALL	654060.1	4185611	NonCancer	0.00E+00	5.05E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
3689	ALL	654082.5	4185621	NonCancer	0.00E+00	4.35E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3690	ALL	654104.8	4185631	NonCancer	0.00E+00	3.61E-05	9.48E-04	0.00E+00	0.00E+00	9.48E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	9.48E-04
3691	ALL	654127.2	4185641	NonCancer	0.00E+00	3.41E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
3692	ALL	654149.6	4185652	NonCancer	0.00E+00	3.17E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
3693	ALL	654172	4185662	NonCancer	0.00E+00	3.07E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
3694	ALL	654194.3	4185672	NonCancer	0.00E+00	2.89E-05	7.39E-04	0.00E+00	0.00E+00	7.39E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	7.39E-04
3695	ALL	654216.7	4185683	NonCancer	0.00E+00	2.92E-05	7.52E-04	0.00E+00	0.00E+00	7.52E-04	2.92E-05	0.00E+00	2.92E-05	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	7.52E-04
3696	ALL	654239.1	4185693	NonCancer	0.00E+00	2.97E-05	7.72E-04	0.00E+00	0.00E+00	7.72E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	7.72E-04
3697	ALL	654261.5	4185703	NonCancer	0.00E+00	3.26E-05	8.34E-04	0.00E+00	0.00E+00	8.34E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	8.34E-04
3698	ALL	654283.8	4185713	NonCancer	0.00E+00	3.41E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
3699	ALL	654306.2	4185724	NonCancer	0.00E+00	3.42E-05	8.63E-04	0.00E+00	0.00E+00	8.63E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	8.63E-04

3700	ALL	654328.6	4185734	NonCancer	0.00E+00	3.30E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
3701	ALL	654350.9	4185744	NonCancer	0.00E+00	3.46E-05	8.78E-04	0.00E+00	0.00E+00	8.78E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	8.78E-04
3702	ALL	654373.3	4185754	NonCancer	0.00E+00	3.51E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
3703	ALL	654395.7	4185765	NonCancer	0.00E+00	3.40E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
3704	ALL	654418.1	4185775	NonCancer	0.00E+00	3.33E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
3705	ALL	654440.4	4185785	NonCancer	0.00E+00	3.37E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
3706	ALL	654462.8	4185796	NonCancer	0.00E+00	3.49E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
3707	ALL	654485.2	4185806	NonCancer	0.00E+00	3.54E-05	8.98E-04	0.00E+00	0.00E+00	8.98E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
3708	ALL	654507.5	4185816	NonCancer	0.00E+00	3.57E-05	9.03E-04	0.00E+00	0.00E+00	9.03E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04
3709	ALL	654529.9	4185826	NonCancer	0.00E+00	3.54E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3710	ALL	654552.3	4185837	NonCancer	0.00E+00	3.37E-05	8.65E-04	0.00E+00	0.00E+00	8.65E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	8.65E-04
3711	ALL	654574.7	4185847	NonCancer	0.00E+00	3.58E-05	9.09E-04	0.00E+00	0.00E+00	9.09E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.09E-04	0.00E+00	0.00E+00	9.09E-04
3712	ALL	654597	4185857	NonCancer	0.00E+00	3.60E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.60E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
3713	ALL	654619.4	4185867	NonCancer	0.00E+00	3.59E-05	9.08E-04	0.00E+00	0.00E+00	9.08E-04	3.59E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	9.08E-04
3714	ALL	654641.8	4185878	NonCancer	0.00E+00	3.53E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
3715	ALL	654664.2	4185888	NonCancer	0.00E+00	3.30E-05	8.37E-04	0.00E+00	0.00E+00	8.37E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	8.37E-04
3716	ALL	654686.5	4185898	NonCancer	0.00E+00	3.13E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
3717	ALL	654708.9	4185909	NonCancer	0.00E+00	3.36E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
3718	ALL	654731.3	4185919	NonCancer	0.00E+00	3.44E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
3719	ALL	654753.6	4185929	NonCancer	0.00E+00	3.36E-05	8.51E-04	0.00E+00	0.00E+00	8.51E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.51E-04
3720	ALL	654776	4185939	NonCancer	0.00E+00	3.14E-05	7.98E-04	0.00E+00	0.00E+00	7.98E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	7.98E-04
3721	ALL	654798.4	4185950	NonCancer	0.00E+00	2.92E-05	7.52E-04	0.00E+00	0.00E+00	7.52E-04	2.92E-05	0.00E+00	2.92E-05	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	7.52E-04
3722	ALL	654820.8	4185960	NonCancer	0.00E+00	3.04E-05	7.89E-04	0.00E+00	0.00E+00	7.89E-04	3.04E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	7.89E-04
3723	ALL	654843.1	4185970	NonCancer	0.00E+00	3.36E-05	8.60E-04	0.00E+00	0.00E+00	8.60E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.60E-04	0.00E+00	0.00E+00	8.60E-04
3724	ALL	654865.5	4185980	NonCancer	0.00E+00	3.54E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
3725	ALL	654887.9	4185991	NonCancer	0.00E+00	3.54E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3726	ALL	654910.2	4186001	NonCancer	0.00E+00	3.35E-05	8.49E-04	0.00E+00	0.00E+00	8.49E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	8.49E-04
3727	ALL	654932.6	4186011	NonCancer	0.00E+00	3.09E-05	7.83E-04	0.00E+00	0.00E+00	7.83E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	7.83E-04
3728	ALL	654955	4186021	NonCancer	0.00E+00	2.91E-05	7.37E-04	0.00E+00	0.00E+00	7.37E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	7.37E-04
3729	ALL	654977.4	4186032	NonCancer	0.00E+00	2.81E-05	7.22E-04	0.00E+00	0.00E+00	7.22E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	7.22E-04
3730	ALL	654999.7	4186042	NonCancer	0.00E+00	2.99E-05	7.64E-04	0.00E+00	0.00E+00	7.64E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	7.64E-04
3731	ALL	655022.1	4186052	NonCancer	0.00E+00	3.07E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
3732	ALL	655044.5	4186063	NonCancer	0.00E+00	3.26E-05	8.27E-04	0.00E+00	0.00E+00	8.27E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	8.27E-04
3733	ALL	655066.9	4186073	NonCancer	0.00E+00	3.29E-05	8.31E-04	0.00E+00	0.00E+00	8.31E-04	3.29E-05	0.00E+00	3.29E-05	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	8.31E-04
3734	ALL	655089.2	4186083	NonCancer	0.00E+00	3.16E-05	7.99E-04	0.00E+00	0.00E+00	7.99E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	7.99E-04
3735	ALL	655111.6	4186093	NonCancer	0.00E+00	3.02E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	3.02E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
3736	ALL	655134	4186104	NonCancer	0.00E+00	2.89E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
3737	ALL	655156.3	4186114	NonCancer	0.00E+00	3.08E-05	7.82E-04	0.00E+00	0.00E+00	7.82E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	7.82E-04
3738	ALL	655178.7	4186124	NonCancer	0.00E+00	3.12E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
3739	ALL	655201.1	4186134	NonCancer	0.00E+00	2.99E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04
3740	ALL	655223.5	4186145	NonCancer	0.00E+00	2.73E-05	6.95E-04	0.00E+00	0.00E+00	6.95E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	6.95E-04
3741	ALL	655245.8	4186155	NonCancer	0.00E+00	2.54E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
3742	ALL	655268.2	4186165	NonCancer	0.00E+00	2.69E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
3743	ALL	655290.6	4186176	NonCancer	0.00E+00	2.95E-05	7.54E-04	0.00E+00	0.00E+00	7.54E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.54E-04	0.00E+00	0.00E+00	7.54E-04
3744	ALL	655312.9	4186186	NonCancer	0.00E+00	3.10E-05	7.86E-04	0.00E+00	0.00E+00	7.86E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	7.86E-04
3745	ALL	655335.3	4186196	NonCancer	0.00E+00	3.13E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
3746	ALL	655357.7	4186206	NonCancer	0.00E+00	3.06E-05	8.02E-04	0.00E+00	0.00E+00	8.02E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
3747	ALL	655380.1	4186217	NonCancer	0.00E+00	3.48E-05	9.05E-04	0.00E+00	0.00E+00	9.05E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	9.05E-04
3748	ALL	655402.4	4186227	NonCancer	0.00E+00	3.94E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3749	ALL	655424.8	4186237	NonCancer	0.00E+00	4.25E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03

3750	ALL	655447.2	4186247	NonCancer	0.00E+00	4.37E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3751	ALL	655469.5	4186258	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3752	ALL	655491.9	4186268	NonCancer	0.00E+00	4.01E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3753	ALL	655514.3	4186278	NonCancer	0.00E+00	3.58E-05	9.17E-04	0.00E+00	0.00E+00	9.17E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	9.17E-04
3754	ALL	655536.7	4186289	NonCancer	0.00E+00	3.06E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
3755	ALL	655567.1	4186322	NonCancer	0.00E+00	2.44E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3756	ALL	655575.1	4186345	NonCancer	0.00E+00	2.50E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
3757	ALL	655583.2	4186369	NonCancer	0.00E+00	2.55E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
3758	ALL	655591.2	4186392	NonCancer	0.00E+00	2.73E-05	7.00E-04	0.00E+00	0.00E+00	7.00E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	7.00E-04
3759	ALL	655599.3	4186415	NonCancer	0.00E+00	2.96E-05	7.52E-04	0.00E+00	0.00E+00	7.52E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	7.52E-04
3760	ALL	655607.3	4186438	NonCancer	0.00E+00	3.07E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
3761	ALL	655615.4	4186462	NonCancer	0.00E+00	3.07E-05	7.76E-04	0.00E+00	0.00E+00	7.76E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	7.76E-04
3762	ALL	655623.4	4186485	NonCancer	0.00E+00	2.93E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
3763	ALL	655631.5	4186508	NonCancer	0.00E+00	2.69E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
3764	ALL	655639.5	4186531	NonCancer	0.00E+00	2.95E-05	7.53E-04	0.00E+00	0.00E+00	7.53E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	7.53E-04
3765	ALL	655647.5	4186555	NonCancer	0.00E+00	3.13E-05	7.92E-04	0.00E+00	0.00E+00	7.92E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	7.92E-04
3766	ALL	655655.6	4186578	NonCancer	0.00E+00	3.17E-05	8.01E-04	0.00E+00	0.00E+00	8.01E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	8.01E-04
3767	ALL	655663.6	4186601	NonCancer	0.00E+00	3.07E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
3768	ALL	655671.7	4186625	NonCancer	0.00E+00	3.07E-05	7.79E-04	0.00E+00	0.00E+00	7.79E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	7.79E-04
3769	ALL	655679.7	4186648	NonCancer	0.00E+00	3.19E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
3770	ALL	655687.8	4186671	NonCancer	0.00E+00	3.27E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
3771	ALL	655695.8	4186694	NonCancer	0.00E+00	3.71E-05	9.41E-04	0.00E+00	0.00E+00	9.41E-04	3.71E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	9.41E-04
3772	ALL	655703.9	4186718	NonCancer	0.00E+00	3.97E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.97E-05	0.00E+00	3.97E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3773	ALL	655711.9	4186741	NonCancer	0.00E+00	4.00E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3774	ALL	655720	4186764	NonCancer	0.00E+00	3.79E-05	9.58E-04	0.00E+00	0.00E+00	9.58E-04	3.79E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	9.58E-04
3775	ALL	655728	4186787	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3776	ALL	655736	4186811	NonCancer	0.00E+00	3.34E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
3777	ALL	655744.1	4186834	NonCancer	0.00E+00	3.05E-05	7.89E-04	0.00E+00	0.00E+00	7.89E-04	3.05E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	7.89E-04
3778	ALL	655752.1	4186857	NonCancer	0.00E+00	2.66E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
3779	ALL	655760.2	4186880	NonCancer	0.00E+00	2.56E-05	6.62E-04	0.00E+00	0.00E+00	6.62E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	6.62E-04
3780	ALL	655768.2	4186904	NonCancer	0.00E+00	2.51E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
3781	ALL	655776.3	4186927	NonCancer	0.00E+00	2.60E-05	6.57E-04	0.00E+00	0.00E+00	6.57E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	6.57E-04
3782	ALL	655784.3	4186950	NonCancer	0.00E+00	2.72E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
3783	ALL	655792.4	4186974	NonCancer	0.00E+00	2.73E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
3784	ALL	655800.4	4186997	NonCancer	0.00E+00	2.62E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
3785	ALL	655808.5	4187020	NonCancer	0.00E+00	2.65E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
3786	ALL	655816.5	4187043	NonCancer	0.00E+00	2.69E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
3787	ALL	655824.6	4187067	NonCancer	0.00E+00	2.61E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
3788	ALL	655832.6	4187090	NonCancer	0.00E+00	2.50E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
3789	ALL	655840.6	4187113	NonCancer	0.00E+00	2.56E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
3790	ALL	655848.7	4187136	NonCancer	0.00E+00	2.51E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
3791	ALL	655856.7	4187160	NonCancer	0.00E+00	2.56E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
3792	ALL	655864.8	4187183	NonCancer	0.00E+00	2.65E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
3793	ALL	655872.8	4187206	NonCancer	0.00E+00	2.62E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
3794	ALL	655880.9	4187229	NonCancer	0.00E+00	2.47E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3795	ALL	655888.9	4187253	NonCancer	0.00E+00	2.26E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
3796	ALL	655897	4187276	NonCancer	0.00E+00	2.24E-05	5.70E-04	0.00E+00	0.00E+00	5.70E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	5.70E-04
3797	ALL	655905	4187299	NonCancer	0.00E+00	2.41E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
3798	ALL	655913.1	4187323	NonCancer	0.00E+00	2.56E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
3799	ALL	655921.1	4187346	NonCancer	0.00E+00	2.58E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04

3800	ALL	655929.2	4187369	NonCancer	0.00E+00	2.48E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3801	ALL	655937.2	4187392	NonCancer	0.00E+00	2.27E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
3802	ALL	655945.2	4187416	NonCancer	0.00E+00	2.47E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
3803	ALL	655953.3	4187439	NonCancer	0.00E+00	2.59E-05	6.54E-04	0.00E+00	0.00E+00	6.54E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	6.54E-04
3804	ALL	655961.3	4187462	NonCancer	0.00E+00	2.59E-05	6.56E-04	0.00E+00	0.00E+00	6.56E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
3805	ALL	655969.4	4187485	NonCancer	0.00E+00	2.48E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3806	ALL	655977.4	4187509	NonCancer	0.00E+00	2.52E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
3807	ALL	655985.5	4187532	NonCancer	0.00E+00	2.55E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04
3808	ALL	655993.5	4187555	NonCancer	0.00E+00	2.46E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
3809	ALL	656001.6	4187578	NonCancer	0.00E+00	2.27E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
3810	ALL	656009.6	4187602	NonCancer	0.00E+00	2.48E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
3811	ALL	656017.7	4187625	NonCancer	0.00E+00	2.61E-05	6.59E-04	0.00E+00	0.00E+00	6.59E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
3812	ALL	656025.7	4187648	NonCancer	0.00E+00	2.63E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
3813	ALL	656033.8	4187671	NonCancer	0.00E+00	2.55E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
3814	ALL	656041.8	4187695	NonCancer	0.00E+00	2.50E-05	6.34E-04	0.00E+00	0.00E+00	6.34E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04
3815	ALL	656049.8	4187718	NonCancer	0.00E+00	2.55E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
3816	ALL	656057.9	4187741	NonCancer	0.00E+00	2.51E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
3817	ALL	656065.9	4187765	NonCancer	0.00E+00	2.36E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
3818	ALL	656074	4187788	NonCancer	0.00E+00	2.31E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
3819	ALL	656082	4187811	NonCancer	0.00E+00	2.69E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
3820	ALL	656090.1	4187834	NonCancer	0.00E+00	3.01E-05	7.60E-04	0.00E+00	0.00E+00	7.60E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	7.60E-04
3821	ALL	656098.1	4187858	NonCancer	0.00E+00	3.31E-05	8.32E-04	0.00E+00	0.00E+00	8.32E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	8.32E-04
3822	ALL	656106.2	4187881	NonCancer	0.00E+00	3.43E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
3823	ALL	656114.2	4187904	NonCancer	0.00E+00	3.32E-05	8.40E-04	0.00E+00	0.00E+00	8.40E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.40E-04
3824	ALL	656122.3	4187927	NonCancer	0.00E+00	3.02E-05	7.76E-04	0.00E+00	0.00E+00	7.76E-04	3.02E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	7.76E-04
3825	ALL	656130.3	4187951	NonCancer	0.00E+00	2.72E-05	7.04E-04	0.00E+00	0.00E+00	7.04E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	7.04E-04
3826	ALL	656138.3	4187974	NonCancer	0.00E+00	2.39E-05	6.27E-04	0.00E+00	0.00E+00	6.27E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	6.27E-04
3827	ALL	656146.4	4187997	NonCancer	0.00E+00	2.43E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
3828	ALL	656154.4	4188020	NonCancer	0.00E+00	2.40E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
3829	ALL	653881.1	4185528	NonCancer	0.00E+00	4.08E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3830	ALL	653856.4	4185528	NonCancer	0.00E+00	3.34E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
3831	ALL	653831.6	4185527	NonCancer	0.00E+00	3.33E-05	8.91E-04	0.00E+00	0.00E+00	8.91E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	8.91E-04
3832	ALL	653806.8	4185526	NonCancer	0.00E+00	3.28E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
3833	ALL	653782	4185526	NonCancer	0.00E+00	3.28E-05	8.40E-04	0.00E+00	0.00E+00	8.40E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.40E-04
3834	ALL	653757.2	4185525	NonCancer	0.00E+00	3.45E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
3835	ALL	653916.8	4185039	NonCancer	0.00E+00	3.57E-05	9.59E-04	0.00E+00	0.00E+00	9.59E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.59E-04	0.00E+00	0.00E+00	9.59E-04
3836	ALL	653939.2	4185049	NonCancer	0.00E+00	4.10E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3837	ALL	653961.6	4185059	NonCancer	0.00E+00	4.58E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
3838	ALL	653983.9	4185070	NonCancer	0.00E+00	4.98E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.98E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3839	ALL	654006.3	4185080	NonCancer	0.00E+00	5.27E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.27E-05	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3840	ALL	654028.7	4185090	NonCancer	0.00E+00	5.41E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3841	ALL	654051	4185100	NonCancer	0.00E+00	5.40E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.40E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3842	ALL	654073.4	4185111	NonCancer	0.00E+00	5.22E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3843	ALL	654095.7	4185121	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3844	ALL	654118.1	4185131	NonCancer	0.00E+00	4.46E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.46E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
3845	ALL	654140.5	4185142	NonCancer	0.00E+00	3.94E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3846	ALL	654162.8	4185152	NonCancer	0.00E+00	3.38E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
3847	ALL	654185.2	4185162	NonCancer	0.00E+00	2.88E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.88E-05	0.00E+00	2.88E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
3848	ALL	654207.5	4185172	NonCancer	0.00E+00	2.64E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
3849	ALL	654229.9	4185183	NonCancer	0.00E+00	2.47E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04

3850	ALL	654252.3	4185193	NonCancer	0.00E+00	2.40E-05	6.07E-04	0.00E+00	0.00E+00	6.07E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	6.07E-04
3851	ALL	654274.6	4185203	NonCancer	0.00E+00	2.28E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
3852	ALL	654297	4185213	NonCancer	0.00E+00	2.21E-05	5.64E-04	0.00E+00	0.00E+00	5.64E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	5.64E-04
3853	ALL	654319.4	4185224	NonCancer	0.00E+00	2.26E-05	5.80E-04	0.00E+00	0.00E+00	5.80E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04
3854	ALL	654341.7	4185234	NonCancer	0.00E+00	2.27E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
3855	ALL	654364.1	4185244	NonCancer	0.00E+00	2.47E-05	6.34E-04	0.00E+00	0.00E+00	6.34E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04
3856	ALL	654386.4	4185255	NonCancer	0.00E+00	2.60E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
3857	ALL	654408.8	4185265	NonCancer	0.00E+00	2.65E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
3858	ALL	654431.2	4185275	NonCancer	0.00E+00	2.61E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
3859	ALL	654453.5	4185285	NonCancer	0.00E+00	2.56E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
3860	ALL	654475.9	4185296	NonCancer	0.00E+00	2.67E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
3861	ALL	654498.2	4185306	NonCancer	0.00E+00	2.72E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
3862	ALL	654520.6	4185316	NonCancer	0.00E+00	2.66E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
3863	ALL	654543	4185326	NonCancer	0.00E+00	2.59E-05	6.56E-04	0.00E+00	0.00E+00	6.56E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
3864	ALL	654565.3	4185337	NonCancer	0.00E+00	2.63E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
3865	ALL	654587.7	4185347	NonCancer	0.00E+00	2.69E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
3866	ALL	654610.1	4185357	NonCancer	0.00E+00	2.69E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
3867	ALL	654632.4	4185367	NonCancer	0.00E+00	2.74E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
3868	ALL	654654.8	4185378	NonCancer	0.00E+00	2.73E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
3869	ALL	654677.1	4185388	NonCancer	0.00E+00	2.77E-05	6.99E-04	0.00E+00	0.00E+00	6.99E-04	2.77E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	6.99E-04
3870	ALL	654699.5	4185398	NonCancer	0.00E+00	2.70E-05	6.92E-04	0.00E+00	0.00E+00	6.92E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	6.92E-04
3871	ALL	654721.9	4185409	NonCancer	0.00E+00	2.86E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
3872	ALL	654744.2	4185419	NonCancer	0.00E+00	3.03E-05	7.66E-04	0.00E+00	0.00E+00	7.66E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	7.66E-04
3873	ALL	654766.6	4185429	NonCancer	0.00E+00	3.07E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
3874	ALL	654788.9	4185439	NonCancer	0.00E+00	2.95E-05	7.41E-04	0.00E+00	0.00E+00	7.41E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	7.41E-04
3875	ALL	654811.3	4185450	NonCancer	0.00E+00	2.77E-05	7.00E-04	0.00E+00	0.00E+00	7.00E-04	2.77E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	7.00E-04
3876	ALL	654833.7	4185460	NonCancer	0.00E+00	2.68E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
3877	ALL	654856	4185470	NonCancer	0.00E+00	2.48E-05	6.33E-04	0.00E+00	0.00E+00	6.33E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	6.33E-04
3878	ALL	654878.4	4185480	NonCancer	0.00E+00	2.38E-05	6.15E-04	0.00E+00	0.00E+00	6.15E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	6.15E-04
3879	ALL	654900.8	4185491	NonCancer	0.00E+00	2.55E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
3880	ALL	654923.1	4185501	NonCancer	0.00E+00	2.64E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
3881	ALL	654945.5	4185511	NonCancer	0.00E+00	2.64E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
3882	ALL	654967.8	4185521	NonCancer	0.00E+00	2.54E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
3883	ALL	654990.2	4185532	NonCancer	0.00E+00	2.36E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
3884	ALL	655012.6	4185542	NonCancer	0.00E+00	2.24E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
3885	ALL	655034.9	4185552	NonCancer	0.00E+00	2.24E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
3886	ALL	655057.3	4185563	NonCancer	0.00E+00	2.49E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
3887	ALL	655079.6	4185573	NonCancer	0.00E+00	2.67E-05	6.80E-04	0.00E+00	0.00E+00	6.80E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	6.80E-04
3888	ALL	655102	4185583	NonCancer	0.00E+00	2.75E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.75E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
3889	ALL	655124.4	4185593	NonCancer	0.00E+00	2.72E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
3890	ALL	655146.7	4185604	NonCancer	0.00E+00	2.58E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
3891	ALL	655169.1	4185614	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
3892	ALL	655191.5	4185624	NonCancer	0.00E+00	2.29E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
3893	ALL	655213.8	4185634	NonCancer	0.00E+00	2.13E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
3894	ALL	655236.2	4185645	NonCancer	0.00E+00	2.19E-05	5.63E-04	0.00E+00	0.00E+00	5.63E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	5.63E-04
3895	ALL	655258.5	4185655	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
3896	ALL	655280.9	4185665	NonCancer	0.00E+00	2.36E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
3897	ALL	655303.3	4185675	NonCancer	0.00E+00	2.49E-05	6.33E-04	0.00E+00	0.00E+00	6.33E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	6.33E-04
3898	ALL	655325.6	4185686	NonCancer	0.00E+00	2.55E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
3899	ALL	655348	4185696	NonCancer	0.00E+00	2.51E-05	6.34E-04	0.00E+00	0.00E+00	6.34E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04

3900	ALL	655370.4	4185706	NonCancer	0.00E+00	2.38E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
3901	ALL	655392.7	4185717	NonCancer	0.00E+00	2.32E-05	5.87E-04	0.00E+00	0.00E+00	5.87E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	5.87E-04
3902	ALL	655415.1	4185727	NonCancer	0.00E+00	2.20E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
3903	ALL	655437.4	4185737	NonCancer	0.00E+00	2.35E-05	5.98E-04	0.00E+00	0.00E+00	5.98E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	5.98E-04
3904	ALL	655459.8	4185747	NonCancer	0.00E+00	2.42E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
3905	ALL	655482.2	4185758	NonCancer	0.00E+00	2.38E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
3906	ALL	655504.5	4185768	NonCancer	0.00E+00	2.26E-05	5.72E-04	0.00E+00	0.00E+00	5.72E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	5.72E-04
3907	ALL	655526.9	4185778	NonCancer	0.00E+00	2.05E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
3908	ALL	655549.2	4185788	NonCancer	0.00E+00	1.96E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
3909	ALL	655571.6	4185799	NonCancer	0.00E+00	1.97E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
3910	ALL	655594	4185809	NonCancer	0.00E+00	2.18E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
3911	ALL	655616.3	4185819	NonCancer	0.00E+00	2.33E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
3912	ALL	655638.7	4185829	NonCancer	0.00E+00	2.41E-05	6.14E-04	0.00E+00	0.00E+00	6.14E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	6.14E-04
3913	ALL	655661.1	4185840	NonCancer	0.00E+00	2.43E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
3914	ALL	655683.4	4185850	NonCancer	0.00E+00	2.40E-05	6.42E-04	0.00E+00	0.00E+00	6.42E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	6.42E-04
3915	ALL	655705.8	4185860	NonCancer	0.00E+00	2.82E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
3916	ALL	655728.1	4185871	NonCancer	0.00E+00	3.22E-05	8.30E-04	0.00E+00	0.00E+00	8.30E-04	3.22E-05	0.00E+00	3.22E-05	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	8.30E-04
3917	ALL	655750.5	4185881	NonCancer	0.00E+00	3.54E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
3918	ALL	655772.9	4185891	NonCancer	0.00E+00	3.75E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.75E-05	0.00E+00	3.75E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
3919	ALL	655795.2	4185901	NonCancer	0.00E+00	3.82E-05	9.62E-04	0.00E+00	0.00E+00	9.62E-04	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	9.62E-04
3920	ALL	655817.6	4185912	NonCancer	0.00E+00	3.76E-05	9.45E-04	0.00E+00	0.00E+00	9.45E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
3921	ALL	655839.9	4185922	NonCancer	0.00E+00	3.56E-05	8.99E-04	0.00E+00	0.00E+00	8.99E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	8.99E-04
3922	ALL	655862.3	4185932	NonCancer	0.00E+00	3.25E-05	8.28E-04	0.00E+00	0.00E+00	8.28E-04	3.25E-05	0.00E+00	3.25E-05	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	8.28E-04
3923	ALL	655884.7	4185942	NonCancer	0.00E+00	2.86E-05	7.39E-04	0.00E+00	0.00E+00	7.39E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	7.39E-04
3924	ALL	655907	4185953	NonCancer	0.00E+00	2.43E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
3925	ALL	655937.4	4185986	NonCancer	0.00E+00	1.90E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3926	ALL	655945.5	4186009	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
3927	ALL	655953.5	4186033	NonCancer	0.00E+00	1.96E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
3928	ALL	655961.6	4186056	NonCancer	0.00E+00	1.96E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
3929	ALL	655969.6	4186079	NonCancer	0.00E+00	2.12E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
3930	ALL	655977.6	4186102	NonCancer	0.00E+00	2.28E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
3931	ALL	655985.7	4186126	NonCancer	0.00E+00	2.36E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
3932	ALL	655993.7	4186149	NonCancer	0.00E+00	2.38E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
3933	ALL	656001.8	4186172	NonCancer	0.00E+00	2.31E-05	5.87E-04	0.00E+00	0.00E+00	5.87E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	5.87E-04
3934	ALL	656009.8	4186195	NonCancer	0.00E+00	2.18E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
3935	ALL	656017.9	4186219	NonCancer	0.00E+00	2.08E-05	5.35E-04	0.00E+00	0.00E+00	5.35E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	5.35E-04
3936	ALL	656025.9	4186242	NonCancer	0.00E+00	2.27E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
3937	ALL	656033.9	4186265	NonCancer	0.00E+00	2.40E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
3938	ALL	656042	4186288	NonCancer	0.00E+00	2.45E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
3939	ALL	656050	4186312	NonCancer	0.00E+00	2.41E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
3940	ALL	656058.1	4186335	NonCancer	0.00E+00	2.30E-05	5.85E-04	0.00E+00	0.00E+00	5.85E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	5.85E-04
3941	ALL	656066.1	4186358	NonCancer	0.00E+00	2.39E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
3942	ALL	656074.2	4186382	NonCancer	0.00E+00	2.48E-05	6.40E-04	0.00E+00	0.00E+00	6.40E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	6.40E-04
3943	ALL	656082.2	4186405	NonCancer	0.00E+00	2.71E-05	7.02E-04	0.00E+00	0.00E+00	7.02E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	7.02E-04
3944	ALL	656090.2	4186428	NonCancer	0.00E+00	3.09E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
3945	ALL	656098.3	4186451	NonCancer	0.00E+00	3.36E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
3946	ALL	656106.3	4186475	NonCancer	0.00E+00	3.50E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
3947	ALL	656114.4	4186498	NonCancer	0.00E+00	3.47E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
3948	ALL	656122.4	4186521	NonCancer	0.00E+00	3.28E-05	8.31E-04	0.00E+00	0.00E+00	8.31E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	8.31E-04
3949	ALL	656130.4	4186544	NonCancer	0.00E+00	2.96E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04

3950	ALL	656138.5	4186568	NonCancer	0.00E+00	2.63E-05	6.79E-04	0.00E+00	0.00E+00	6.79E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	6.79E-04
3951	ALL	656146.5	4186591	NonCancer	0.00E+00	2.44E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
3952	ALL	656154.6	4186614	NonCancer	0.00E+00	2.20E-05	5.74E-04	0.00E+00	0.00E+00	5.74E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	5.74E-04
3953	ALL	656162.6	4186637	NonCancer	0.00E+00	1.94E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
3954	ALL	656170.7	4186661	NonCancer	0.00E+00	1.97E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
3955	ALL	656178.7	4186684	NonCancer	0.00E+00	2.00E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
3956	ALL	656186.7	4186707	NonCancer	0.00E+00	2.19E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
3957	ALL	656194.8	4186730	NonCancer	0.00E+00	2.32E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
3958	ALL	656202.8	4186754	NonCancer	0.00E+00	2.38E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04
3959	ALL	656210.9	4186777	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
3960	ALL	656218.9	4186800	NonCancer	0.00E+00	2.28E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
3961	ALL	656227	4186823	NonCancer	0.00E+00	2.12E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
3962	ALL	656235	4186847	NonCancer	0.00E+00	2.08E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
3963	ALL	656243	4186870	NonCancer	0.00E+00	2.06E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
3964	ALL	656251.1	4186893	NonCancer	0.00E+00	1.97E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
3965	ALL	656259.1	4186916	NonCancer	0.00E+00	1.93E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
3966	ALL	656267.2	4186940	NonCancer	0.00E+00	1.97E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
3967	ALL	656275.2	4186963	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
3968	ALL	656283.3	4186986	NonCancer	0.00E+00	1.93E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
3969	ALL	656291.3	4187009	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
3970	ALL	656299.3	4187033	NonCancer	0.00E+00	2.05E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
3971	ALL	656307.4	4187056	NonCancer	0.00E+00	2.01E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
3972	ALL	656315.4	4187079	NonCancer	0.00E+00	1.90E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
3973	ALL	656323.5	4187102	NonCancer	0.00E+00	1.74E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
3974	ALL	656331.5	4187126	NonCancer	0.00E+00	1.74E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
3975	ALL	656339.5	4187149	NonCancer	0.00E+00	1.75E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
3976	ALL	656347.6	4187172	NonCancer	0.00E+00	1.89E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
3977	ALL	656355.6	4187195	NonCancer	0.00E+00	1.98E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
3978	ALL	656363.7	4187219	NonCancer	0.00E+00	1.99E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
3979	ALL	656371.7	4187242	NonCancer	0.00E+00	1.93E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
3980	ALL	656379.8	4187265	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
3981	ALL	656387.8	4187288	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
3982	ALL	656395.8	4187312	NonCancer	0.00E+00	1.93E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
3983	ALL	656403.9	4187335	NonCancer	0.00E+00	2.00E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
3984	ALL	656411.9	4187358	NonCancer	0.00E+00	2.00E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
3985	ALL	656420	4187381	NonCancer	0.00E+00	1.93E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
3986	ALL	656428	4187405	NonCancer	0.00E+00	1.90E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
3987	ALL	656436.1	4187428	NonCancer	0.00E+00	1.96E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3988	ALL	656444.1	4187451	NonCancer	0.00E+00	1.96E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
3989	ALL	656452.1	4187474	NonCancer	0.00E+00	1.88E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
3990	ALL	656460.2	4187498	NonCancer	0.00E+00	1.75E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
3991	ALL	656468.2	4187521	NonCancer	0.00E+00	1.85E-05	4.72E-04	0.00E+00	0.00E+00	4.72E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	4.72E-04
3992	ALL	656476.3	4187544	NonCancer	0.00E+00	1.97E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
3993	ALL	656484.3	4187567	NonCancer	0.00E+00	2.03E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
3994	ALL	656492.3	4187591	NonCancer	0.00E+00	2.02E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
3995	ALL	656500.4	4187614	NonCancer	0.00E+00	1.95E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3996	ALL	656508.4	4187637	NonCancer	0.00E+00	1.91E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
3997	ALL	656516.5	4187661	NonCancer	0.00E+00	1.96E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3998	ALL	656524.5	4187684	NonCancer	0.00E+00	1.96E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3999	ALL	656532.6	4187707	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04

4000	ALL	656540.6	4187730	NonCancer	0.00E+00	1.77E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
4001	ALL	656548.6	4187754	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4002	ALL	656556.7	4187777	NonCancer	0.00E+00	2.25E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
4003	ALL	656564.7	4187800	NonCancer	0.00E+00	2.51E-05	6.38E-04	0.00E+00	0.00E+00	6.38E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	6.38E-04
4004	ALL	656572.8	4187823	NonCancer	0.00E+00	2.76E-05	6.97E-04	0.00E+00	0.00E+00	6.97E-04	2.76E-05	0.00E+00	2.76E-05	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	6.97E-04
4005	ALL	656580.8	4187847	NonCancer	0.00E+00	2.95E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
4006	ALL	656588.9	4187870	NonCancer	0.00E+00	2.99E-05	7.51E-04	0.00E+00	0.00E+00	7.51E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	7.51E-04
4007	ALL	656596.9	4187893	NonCancer	0.00E+00	2.88E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.88E-05	0.00E+00	2.88E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
4008	ALL	656604.9	4187916	NonCancer	0.00E+00	2.65E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
4009	ALL	656613	4187940	NonCancer	0.00E+00	2.41E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
4010	ALL	656621	4187963	NonCancer	0.00E+00	2.13E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
4011	ALL	656629.1	4187986	NonCancer	0.00E+00	1.88E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
4012	ALL	656637.1	4188009	NonCancer	0.00E+00	1.88E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
4013	ALL	656645.2	4188033	NonCancer	0.00E+00	1.86E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4014	ALL	656653.2	4188056	NonCancer	0.00E+00	1.89E-05	4.78E-04	0.00E+00	0.00E+00	4.78E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	4.78E-04
4015	ALL	653894.5	4185029	NonCancer	0.00E+00	3.03E-05	8.34E-04	0.00E+00	0.00E+00	8.34E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	8.34E-04
4016	ALL	653869.7	4185028	NonCancer	0.00E+00	2.56E-05	7.19E-04	0.00E+00	0.00E+00	7.19E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	7.19E-04
4017	ALL	653844.9	4185027	NonCancer	0.00E+00	2.59E-05	6.98E-04	0.00E+00	0.00E+00	6.98E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	6.98E-04
4018	ALL	653820.1	4185027	NonCancer	0.00E+00	2.53E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
4019	ALL	653795.4	4185026	NonCancer	0.00E+00	2.54E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
4020	ALL	653770.6	4185025	NonCancer	0.00E+00	2.61E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
4021	ALL	653930.2	4184539	NonCancer	0.00E+00	2.73E-05	7.49E-04	0.00E+00	0.00E+00	7.49E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	7.49E-04
4022	ALL	653952.5	4184549	NonCancer	0.00E+00	3.16E-05	8.49E-04	0.00E+00	0.00E+00	8.49E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	8.49E-04
4023	ALL	653974.9	4184560	NonCancer	0.00E+00	3.59E-05	9.47E-04	0.00E+00	0.00E+00	9.47E-04	3.59E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	9.47E-04
4024	ALL	653997.3	4184570	NonCancer	0.00E+00	3.99E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
4025	ALL	654019.6	4184580	NonCancer	0.00E+00	4.34E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4026	ALL	654042	4184590	NonCancer	0.00E+00	4.61E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.61E-05	0.00E+00	4.61E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4027	ALL	654064.3	4184601	NonCancer	0.00E+00	4.79E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.79E-05	0.00E+00	4.79E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4028	ALL	654086.7	4184611	NonCancer	0.00E+00	4.85E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
4029	ALL	654109	4184621	NonCancer	0.00E+00	4.80E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.80E-05	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4030	ALL	654131.4	4184631	NonCancer	0.00E+00	4.64E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.64E-05	0.00E+00	4.64E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4031	ALL	654153.7	4184642	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4032	ALL	654176.1	4184652	NonCancer	0.00E+00	4.02E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4033	ALL	654198.4	4184662	NonCancer	0.00E+00	3.61E-05	9.28E-04	0.00E+00	0.00E+00	9.28E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	9.28E-04
4034	ALL	654220.8	4184672	NonCancer	0.00E+00	3.16E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
4035	ALL	654243.2	4184683	NonCancer	0.00E+00	2.70E-05	7.16E-04	0.00E+00	0.00E+00	7.16E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	7.16E-04
4036	ALL	654265.5	4184693	NonCancer	0.00E+00	2.48E-05	6.50E-04	0.00E+00	0.00E+00	6.50E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	6.50E-04
4037	ALL	654287.9	4184703	NonCancer	0.00E+00	2.23E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
4038	ALL	654310.2	4184714	NonCancer	0.00E+00	2.00E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
4039	ALL	654332.6	4184724	NonCancer	0.00E+00	1.94E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
4040	ALL	654354.9	4184734	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
4041	ALL	654377.3	4184744	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
4042	ALL	654399.6	4184755	NonCancer	0.00E+00	1.79E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
4043	ALL	654422	4184765	NonCancer	0.00E+00	1.81E-05	4.65E-04	0.00E+00	0.00E+00	4.65E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	4.65E-04
4044	ALL	654444.3	4184775	NonCancer	0.00E+00	1.82E-05	4.72E-04	0.00E+00	0.00E+00	4.72E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	4.72E-04
4045	ALL	654466.7	4184785	NonCancer	0.00E+00	1.95E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
4046	ALL	654489	4184796	NonCancer	0.00E+00	2.06E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
4047	ALL	654511.4	4184806	NonCancer	0.00E+00	2.12E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
4048	ALL	654533.8	4184816	NonCancer	0.00E+00	2.12E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
4049	ALL	654556.1	4184826	NonCancer	0.00E+00	2.06E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04

4050	ALL	654578.5	4184837	NonCancer	0.00E+00	2.06E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
4051	ALL	654600.8	4184847	NonCancer	0.00E+00	2.14E-05	5.44E-04	0.00E+00	0.00E+00	5.44E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	5.44E-04
4052	ALL	654623.2	4184857	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
4053	ALL	654645.5	4184868	NonCancer	0.00E+00	2.16E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
4054	ALL	654667.9	4184878	NonCancer	0.00E+00	2.11E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
4055	ALL	654690.2	4184888	NonCancer	0.00E+00	2.27E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
4056	ALL	654712.6	4184898	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
4057	ALL	654734.9	4184909	NonCancer	0.00E+00	2.38E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
4058	ALL	654757.3	4184919	NonCancer	0.00E+00	2.32E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
4059	ALL	654779.7	4184929	NonCancer	0.00E+00	2.20E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
4060	ALL	654802	4184939	NonCancer	0.00E+00	2.17E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
4061	ALL	654824.4	4184950	NonCancer	0.00E+00	2.23E-05	5.66E-04	0.00E+00	0.00E+00	5.66E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	5.66E-04
4062	ALL	654846.7	4184960	NonCancer	0.00E+00	2.23E-05	5.73E-04	0.00E+00	0.00E+00	5.73E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	5.73E-04
4063	ALL	654869.1	4184970	NonCancer	0.00E+00	2.34E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
4064	ALL	654891.4	4184980	NonCancer	0.00E+00	2.56E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
4065	ALL	654913.8	4184991	NonCancer	0.00E+00	2.70E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
4066	ALL	654936.1	4185001	NonCancer	0.00E+00	2.74E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
4067	ALL	654958.5	4185011	NonCancer	0.00E+00	2.67E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
4068	ALL	654980.8	4185021	NonCancer	0.00E+00	2.50E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
4069	ALL	655003.2	4185032	NonCancer	0.00E+00	2.25E-05	5.72E-04	0.00E+00	0.00E+00	5.72E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	5.72E-04
4070	ALL	655025.6	4185042	NonCancer	0.00E+00	2.10E-05	5.34E-04	0.00E+00	0.00E+00	5.34E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
4071	ALL	655047.9	4185052	NonCancer	0.00E+00	1.95E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
4072	ALL	655070.3	4185063	NonCancer	0.00E+00	1.89E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
4073	ALL	655092.6	4185073	NonCancer	0.00E+00	2.02E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
4074	ALL	655115	4185083	NonCancer	0.00E+00	2.10E-05	5.35E-04	0.00E+00	0.00E+00	5.35E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	5.35E-04
4075	ALL	655137.3	4185093	NonCancer	0.00E+00	2.13E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
4076	ALL	655159.7	4185104	NonCancer	0.00E+00	2.09E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
4077	ALL	655182	4185114	NonCancer	0.00E+00	2.00E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4078	ALL	655204.4	4185124	NonCancer	0.00E+00	1.86E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4079	ALL	655226.7	4185134	NonCancer	0.00E+00	1.79E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
4080	ALL	655249.1	4185145	NonCancer	0.00E+00	1.72E-05	4.51E-04	0.00E+00	0.00E+00	4.51E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	4.51E-04
4081	ALL	655271.4	4185155	NonCancer	0.00E+00	1.92E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
4082	ALL	655293.8	4185165	NonCancer	0.00E+00	2.08E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
4083	ALL	655316.2	4185175	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
4084	ALL	655338.5	4185186	NonCancer	0.00E+00	2.21E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
4085	ALL	655360.9	4185196	NonCancer	0.00E+00	2.17E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04
4086	ALL	655383.2	4185206	NonCancer	0.00E+00	2.07E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
4087	ALL	655405.6	4185216	NonCancer	0.00E+00	1.93E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
4088	ALL	655427.9	4185227	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
4089	ALL	655450.3	4185237	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
4090	ALL	655472.6	4185247	NonCancer	0.00E+00	1.66E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
4091	ALL	655495	4185258	NonCancer	0.00E+00	1.78E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
4092	ALL	655517.3	4185268	NonCancer	0.00E+00	1.85E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
4093	ALL	655539.7	4185278	NonCancer	0.00E+00	1.89E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
4094	ALL	655562.1	4185288	NonCancer	0.00E+00	1.98E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
4095	ALL	655584.4	4185299	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
4096	ALL	655606.8	4185309	NonCancer	0.00E+00	2.04E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
4097	ALL	655629.1	4185319	NonCancer	0.00E+00	1.98E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
4098	ALL	655651.5	4185329	NonCancer	0.00E+00	1.90E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4099	ALL	655673.8	4185340	NonCancer	0.00E+00	1.86E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04

4100	ALL	655696.2	4185350	NonCancer	0.00E+00	1.76E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
4101	ALL	655718.5	4185360	NonCancer	0.00E+00	1.86E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4102	ALL	655740.9	4185370	NonCancer	0.00E+00	1.93E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
4103	ALL	655763.2	4185381	NonCancer	0.00E+00	1.94E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
4104	ALL	655785.6	4185391	NonCancer	0.00E+00	1.88E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4105	ALL	655808	4185401	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
4106	ALL	655830.3	4185411	NonCancer	0.00E+00	1.61E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
4107	ALL	655852.7	4185422	NonCancer	0.00E+00	1.57E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
4108	ALL	655875	4185432	NonCancer	0.00E+00	1.57E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4109	ALL	655897.4	4185442	NonCancer	0.00E+00	1.67E-05	4.32E-04	0.00E+00	0.00E+00	4.32E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	4.32E-04
4110	ALL	655919.7	4185453	NonCancer	0.00E+00	1.80E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
4111	ALL	655942.1	4185463	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4112	ALL	655964.4	4185473	NonCancer	0.00E+00	1.95E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
4113	ALL	655986.8	4185483	NonCancer	0.00E+00	1.96E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
4114	ALL	656009.1	4185494	NonCancer	0.00E+00	1.98E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
4115	ALL	656031.5	4185504	NonCancer	0.00E+00	2.34E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
4116	ALL	656053.9	4185514	NonCancer	0.00E+00	2.68E-05	6.97E-04	0.00E+00	0.00E+00	6.97E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	6.97E-04
4117	ALL	656076.2	4185524	NonCancer	0.00E+00	2.98E-05	7.64E-04	0.00E+00	0.00E+00	7.64E-04	2.98E-05	0.00E+00	2.98E-05	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	7.64E-04
4118	ALL	656098.6	4185535	NonCancer	0.00E+00	3.21E-05	8.15E-04	0.00E+00	0.00E+00	8.15E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	8.15E-04
4119	ALL	656120.9	4185545	NonCancer	0.00E+00	3.36E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
4120	ALL	656143.3	4185555	NonCancer	0.00E+00	3.41E-05	8.57E-04	0.00E+00	0.00E+00	8.57E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	8.57E-04
4121	ALL	656165.6	4185565	NonCancer	0.00E+00	3.35E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
4122	ALL	656188	4185576	NonCancer	0.00E+00	3.20E-05	8.09E-04	0.00E+00	0.00E+00	8.09E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	8.09E-04
4123	ALL	656210.3	4185586	NonCancer	0.00E+00	2.96E-05	7.55E-04	0.00E+00	0.00E+00	7.55E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	7.55E-04
4124	ALL	656232.7	4185596	NonCancer	0.00E+00	2.67E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
4125	ALL	656255	4185606	NonCancer	0.00E+00	2.33E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
4126	ALL	656277.4	4185617	NonCancer	0.00E+00	1.98E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
4127	ALL	656307.8	4185650	NonCancer	0.00E+00	1.53E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4128	ALL	656315.8	4185674	NonCancer	0.00E+00	1.52E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4129	ALL	656323.9	4185697	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4130	ALL	656331.9	4185720	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
4131	ALL	656339.9	4185743	NonCancer	0.00E+00	1.57E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4132	ALL	656348	4185766	NonCancer	0.00E+00	1.71E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
4133	ALL	656356	4185790	NonCancer	0.00E+00	1.82E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
4134	ALL	656364.1	4185813	NonCancer	0.00E+00	1.89E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
4135	ALL	656372.1	4185836	NonCancer	0.00E+00	1.91E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
4136	ALL	656380.1	4185859	NonCancer	0.00E+00	1.88E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4137	ALL	656388.2	4185883	NonCancer	0.00E+00	1.80E-05	4.58E-04	0.00E+00	0.00E+00	4.58E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
4138	ALL	656396.2	4185906	NonCancer	0.00E+00	1.68E-05	4.31E-04	0.00E+00	0.00E+00	4.31E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	4.31E-04
4139	ALL	656404.3	4185929	NonCancer	0.00E+00	1.67E-05	4.31E-04	0.00E+00	0.00E+00	4.31E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	4.31E-04
4140	ALL	656412.3	4185952	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
4141	ALL	656420.3	4185976	NonCancer	0.00E+00	1.91E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
4142	ALL	656428.4	4185999	NonCancer	0.00E+00	1.96E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
4143	ALL	656436.4	4186022	NonCancer	0.00E+00	1.95E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
4144	ALL	656444.5	4186045	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4145	ALL	656452.5	4186069	NonCancer	0.00E+00	1.83E-05	4.67E-04	0.00E+00	0.00E+00	4.67E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	4.67E-04
4146	ALL	656460.5	4186092	NonCancer	0.00E+00	1.94E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
4147	ALL	656468.6	4186115	NonCancer	0.00E+00	2.01E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4148	ALL	656476.6	4186138	NonCancer	0.00E+00	2.29E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
4149	ALL	656484.7	4186162	NonCancer	0.00E+00	2.62E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04

4150	ALL	656492.7	4186185	NonCancer	0.00E+00	2.89E-05	7.33E-04	0.00E+00	0.00E+00	7.33E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	7.33E-04
4151	ALL	656500.7	4186208	NonCancer	0.00E+00	3.06E-05	7.72E-04	0.00E+00	0.00E+00	7.72E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	7.72E-04
4152	ALL	656508.8	4186231	NonCancer	0.00E+00	3.12E-05	7.86E-04	0.00E+00	0.00E+00	7.86E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	7.86E-04
4153	ALL	656516.8	4186255	NonCancer	0.00E+00	3.07E-05	7.73E-04	0.00E+00	0.00E+00	7.73E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	7.73E-04
4154	ALL	656524.9	4186278	NonCancer	0.00E+00	2.90E-05	7.35E-04	0.00E+00	0.00E+00	7.35E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
4155	ALL	656532.9	4186301	NonCancer	0.00E+00	2.63E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
4156	ALL	656540.9	4186324	NonCancer	0.00E+00	2.30E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
4157	ALL	656549	4186348	NonCancer	0.00E+00	2.02E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
4158	ALL	656557	4186371	NonCancer	0.00E+00	1.85E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
4159	ALL	656565.1	4186394	NonCancer	0.00E+00	1.66E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
4160	ALL	656573.1	4186417	NonCancer	0.00E+00	1.55E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
4161	ALL	656581.1	4186441	NonCancer	0.00E+00	1.58E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
4162	ALL	656589.2	4186464	NonCancer	0.00E+00	1.72E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
4163	ALL	656597.2	4186487	NonCancer	0.00E+00	1.88E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
4164	ALL	656605.3	4186510	NonCancer	0.00E+00	2.01E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
4165	ALL	656613.3	4186534	NonCancer	0.00E+00	2.10E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
4166	ALL	656621.3	4186557	NonCancer	0.00E+00	2.13E-05	5.35E-04	0.00E+00	0.00E+00	5.35E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	5.35E-04
4167	ALL	656629.4	4186580	NonCancer	0.00E+00	2.10E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4168	ALL	656637.4	4186603	NonCancer	0.00E+00	2.02E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
4169	ALL	656645.5	4186627	NonCancer	0.00E+00	1.89E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
4170	ALL	656653.5	4186650	NonCancer	0.00E+00	1.72E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
4171	ALL	656661.5	4186673	NonCancer	0.00E+00	1.67E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
4172	ALL	656669.6	4186696	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4173	ALL	656677.6	4186720	NonCancer	0.00E+00	1.54E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
4174	ALL	656685.6	4186743	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
4175	ALL	656693.7	4186766	NonCancer	0.00E+00	1.57E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4176	ALL	656701.7	4186789	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4177	ALL	656709.8	4186813	NonCancer	0.00E+00	1.54E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
4178	ALL	656717.8	4186836	NonCancer	0.00E+00	1.58E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
4179	ALL	656725.8	4186859	NonCancer	0.00E+00	1.63E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
4180	ALL	656733.9	4186882	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
4181	ALL	656741.9	4186906	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
4182	ALL	656750	4186929	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4183	ALL	656758	4186952	NonCancer	0.00E+00	1.39E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
4184	ALL	656766	4186975	NonCancer	0.00E+00	1.40E-05	3.55E-04	0.00E+00	0.00E+00	3.55E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.55E-04
4185	ALL	656774.1	4186999	NonCancer	0.00E+00	1.38E-05	3.51E-04	0.00E+00	0.00E+00	3.51E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
4186	ALL	656782.1	4187022	NonCancer	0.00E+00	1.43E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
4187	ALL	656790.2	4187045	NonCancer	0.00E+00	1.53E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
4188	ALL	656798.2	4187068	NonCancer	0.00E+00	1.59E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
4189	ALL	656806.2	4187092	NonCancer	0.00E+00	1.60E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
4190	ALL	656814.3	4187115	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4191	ALL	656822.3	4187138	NonCancer	0.00E+00	1.48E-05	3.78E-04	0.00E+00	0.00E+00	3.78E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	3.78E-04
4192	ALL	656830.4	4187161	NonCancer	0.00E+00	1.38E-05	3.55E-04	0.00E+00	0.00E+00	3.55E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.55E-04
4193	ALL	656838.4	4187185	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
4194	ALL	656846.4	4187208	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4195	ALL	656854.5	4187231	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4196	ALL	656862.5	4187254	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4197	ALL	656870.6	4187278	NonCancer	0.00E+00	1.56E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
4198	ALL	656878.6	4187301	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
4199	ALL	656886.6	4187324	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04

4200	ALL	656894.7	4187347	NonCancer	0.00E+00	1.58E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4201	ALL	656902.7	4187371	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4202	ALL	656910.8	4187394	NonCancer	0.00E+00	1.50E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
4203	ALL	656918.8	4187417	NonCancer	0.00E+00	1.40E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
4204	ALL	656926.8	4187440	NonCancer	0.00E+00	1.44E-05	3.69E-04	0.00E+00	0.00E+00	3.69E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
4205	ALL	656934.9	4187464	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
4206	ALL	656942.9	4187487	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4207	ALL	656951	4187510	NonCancer	0.00E+00	1.63E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4208	ALL	656959	4187533	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4209	ALL	656967	4187557	NonCancer	0.00E+00	1.55E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4210	ALL	656975.1	4187580	NonCancer	0.00E+00	1.52E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4211	ALL	656983.1	4187603	NonCancer	0.00E+00	1.57E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4212	ALL	656991.2	4187626	NonCancer	0.00E+00	1.58E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4213	ALL	656999.2	4187649	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
4214	ALL	657007.2	4187673	NonCancer	0.00E+00	1.48E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
4215	ALL	657015.3	4187696	NonCancer	0.00E+00	1.43E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
4216	ALL	657023.3	4187719	NonCancer	0.00E+00	1.68E-05	4.40E-04	0.00E+00	0.00E+00	4.40E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	4.40E-04
4217	ALL	657031.4	4187742	NonCancer	0.00E+00	1.93E-05	4.97E-04	0.00E+00	0.00E+00	4.97E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	4.97E-04
4218	ALL	657039.4	4187766	NonCancer	0.00E+00	2.15E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
4219	ALL	657047.4	4187789	NonCancer	0.00E+00	2.34E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
4220	ALL	657055.5	4187812	NonCancer	0.00E+00	2.54E-05	6.40E-04	0.00E+00	0.00E+00	6.40E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	6.40E-04
4221	ALL	657063.5	4187835	NonCancer	0.00E+00	2.65E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
4222	ALL	657071.5	4187859	NonCancer	0.00E+00	2.65E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
4223	ALL	657079.6	4187882	NonCancer	0.00E+00	2.55E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
4224	ALL	657087.6	4187905	NonCancer	0.00E+00	2.36E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
4225	ALL	657095.7	4187928	NonCancer	0.00E+00	2.17E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
4226	ALL	657103.7	4187952	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4227	ALL	657111.7	4187975	NonCancer	0.00E+00	1.71E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
4228	ALL	657119.8	4187998	NonCancer	0.00E+00	1.52E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4229	ALL	657127.8	4188021	NonCancer	0.00E+00	1.51E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4230	ALL	657135.9	4188045	NonCancer	0.00E+00	1.49E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
4231	ALL	657143.9	4188068	NonCancer	0.00E+00	1.51E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
4232	ALL	657151.9	4188091	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4233	ALL	653907.8	4184529	NonCancer	0.00E+00	2.31E-05	6.49E-04	0.00E+00	0.00E+00	6.49E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	6.49E-04
4234	ALL	653883.1	4184528	NonCancer	0.00E+00	2.08E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
4235	ALL	653858.3	4184527	NonCancer	0.00E+00	2.08E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
4236	ALL	653833.5	4184527	NonCancer	0.00E+00	2.03E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
4237	ALL	653808.7	4184526	NonCancer	0.00E+00	2.03E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4238	ALL	653783.9	4184525	NonCancer	0.00E+00	2.04E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
4239	ALL	653943.5	4184039	NonCancer	0.00E+00	2.09E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
4240	ALL	653965.9	4184050	NonCancer	0.00E+00	2.45E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
4241	ALL	653988.2	4184060	NonCancer	0.00E+00	2.83E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.83E-05	0.00E+00	2.83E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
4242	ALL	654010.6	4184070	NonCancer	0.00E+00	3.20E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
4243	ALL	654032.9	4184080	NonCancer	0.00E+00	3.56E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
4244	ALL	654055.3	4184091	NonCancer	0.00E+00	3.88E-05	9.98E-04	0.00E+00	0.00E+00	9.98E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	9.98E-04
4245	ALL	654077.6	4184101	NonCancer	0.00E+00	4.14E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
4246	ALL	654100	4184111	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4247	ALL	654122.3	4184121	NonCancer	0.00E+00	4.45E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.45E-05	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4248	ALL	654144.7	4184132	NonCancer	0.00E+00	4.48E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4249	ALL	654167	4184142	NonCancer	0.00E+00	4.41E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03

4250	ALL	654189.4	4184152	NonCancer	0.00E+00	4.25E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4251	ALL	654211.7	4184162	NonCancer	0.00E+00	4.01E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4252	ALL	654234.1	4184173	NonCancer	0.00E+00	3.70E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
4253	ALL	654256.4	4184183	NonCancer	0.00E+00	3.34E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
4254	ALL	654278.8	4184193	NonCancer	0.00E+00	2.96E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
4255	ALL	654301.1	4184203	NonCancer	0.00E+00	2.56E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
4256	ALL	654323.5	4184214	NonCancer	0.00E+00	2.36E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
4257	ALL	654345.8	4184224	NonCancer	0.00E+00	2.17E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
4258	ALL	654368.2	4184234	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4259	ALL	654390.5	4184244	NonCancer	0.00E+00	1.71E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
4260	ALL	654412.9	4184255	NonCancer	0.00E+00	1.61E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4261	ALL	654435.2	4184265	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4262	ALL	654457.6	4184275	NonCancer	0.00E+00	1.49E-05	3.79E-04	0.00E+00	0.00E+00	3.79E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	3.79E-04
4263	ALL	654479.9	4184286	NonCancer	0.00E+00	1.46E-05	3.71E-04	0.00E+00	0.00E+00	3.71E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	3.71E-04
4264	ALL	654502.3	4184296	NonCancer	0.00E+00	1.48E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
4265	ALL	654524.6	4184306	NonCancer	0.00E+00	1.49E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4266	ALL	654547	4184316	NonCancer	0.00E+00	1.50E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4267	ALL	654569.3	4184327	NonCancer	0.00E+00	1.58E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
4268	ALL	654591.7	4184337	NonCancer	0.00E+00	1.68E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
4269	ALL	654614	4184347	NonCancer	0.00E+00	1.74E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
4270	ALL	654636.4	4184357	NonCancer	0.00E+00	1.76E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
4271	ALL	654658.7	4184368	NonCancer	0.00E+00	1.73E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
4272	ALL	654681.1	4184378	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
4273	ALL	654703.4	4184388	NonCancer	0.00E+00	1.70E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
4274	ALL	654725.8	4184398	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
4275	ALL	654748.1	4184409	NonCancer	0.00E+00	1.80E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
4276	ALL	654770.4	4184419	NonCancer	0.00E+00	1.80E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
4277	ALL	654792.8	4184429	NonCancer	0.00E+00	1.81E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
4278	ALL	654815.1	4184439	NonCancer	0.00E+00	1.97E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
4279	ALL	654837.5	4184450	NonCancer	0.00E+00	2.09E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4280	ALL	654859.8	4184460	NonCancer	0.00E+00	2.15E-05	5.42E-04	0.00E+00	0.00E+00	5.42E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	5.42E-04
4281	ALL	654882.2	4184470	NonCancer	0.00E+00	2.15E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
4282	ALL	654904.5	4184480	NonCancer	0.00E+00	2.09E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
4283	ALL	654926.9	4184491	NonCancer	0.00E+00	1.98E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
4284	ALL	654949.2	4184501	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
4285	ALL	654971.6	4184511	NonCancer	0.00E+00	1.83E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
4286	ALL	654993.9	4184522	NonCancer	0.00E+00	1.86E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4287	ALL	655016.3	4184532	NonCancer	0.00E+00	1.91E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
4288	ALL	655038.6	4184542	NonCancer	0.00E+00	2.14E-05	5.52E-04	0.00E+00	0.00E+00	5.52E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	5.52E-04
4289	ALL	655061	4184552	NonCancer	0.00E+00	2.33E-05	5.92E-04	0.00E+00	0.00E+00	5.92E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	5.92E-04
4290	ALL	655083.3	4184563	NonCancer	0.00E+00	2.44E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
4291	ALL	655105.7	4184573	NonCancer	0.00E+00	2.48E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
4292	ALL	655128	4184583	NonCancer	0.00E+00	2.43E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
4293	ALL	655150.4	4184593	NonCancer	0.00E+00	2.31E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
4294	ALL	655172.7	4184604	NonCancer	0.00E+00	2.13E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
4295	ALL	655195.1	4184614	NonCancer	0.00E+00	1.89E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
4296	ALL	655217.4	4184624	NonCancer	0.00E+00	1.71E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
4297	ALL	655239.8	4184634	NonCancer	0.00E+00	1.57E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
4298	ALL	655262.1	4184645	NonCancer	0.00E+00	1.55E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
4299	ALL	655284.5	4184655	NonCancer	0.00E+00	1.65E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04

4300	ALL	655306.8	4184665	NonCancer	0.00E+00	1.72E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
4301	ALL	655329.2	4184675	NonCancer	0.00E+00	1.75E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
4302	ALL	655351.5	4184686	NonCancer	0.00E+00	1.75E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
4303	ALL	655373.9	4184696	NonCancer	0.00E+00	1.70E-05	4.31E-04	0.00E+00	0.00E+00	4.31E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	4.31E-04
4304	ALL	655396.2	4184706	NonCancer	0.00E+00	1.61E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
4305	ALL	655418.6	4184716	NonCancer	0.00E+00	1.53E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
4306	ALL	655440.9	4184727	NonCancer	0.00E+00	1.47E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
4307	ALL	655463.3	4184737	NonCancer	0.00E+00	1.41E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
4308	ALL	655485.6	4184747	NonCancer	0.00E+00	1.52E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4309	ALL	655508	4184758	NonCancer	0.00E+00	1.65E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
4310	ALL	655530.3	4184768	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
4311	ALL	655552.7	4184778	NonCancer	0.00E+00	1.81E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
4312	ALL	655575	4184788	NonCancer	0.00E+00	1.82E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
4313	ALL	655597.4	4184799	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
4314	ALL	655619.7	4184809	NonCancer	0.00E+00	1.70E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
4315	ALL	655642.1	4184819	NonCancer	0.00E+00	1.60E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4316	ALL	655664.4	4184829	NonCancer	0.00E+00	1.55E-05	3.94E-04	0.00E+00	0.00E+00	3.94E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04
4317	ALL	655686.8	4184840	NonCancer	0.00E+00	1.48E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
4318	ALL	655709.1	4184850	NonCancer	0.00E+00	1.39E-05	3.56E-04	0.00E+00	0.00E+00	3.56E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	3.56E-04
4319	ALL	655731.5	4184860	NonCancer	0.00E+00	1.39E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
4320	ALL	655753.8	4184870	NonCancer	0.00E+00	1.47E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
4321	ALL	655776.1	4184881	NonCancer	0.00E+00	1.53E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
4322	ALL	655798.5	4184891	NonCancer	0.00E+00	1.56E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
4323	ALL	655820.8	4184901	NonCancer	0.00E+00	1.61E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4324	ALL	655843.2	4184911	NonCancer	0.00E+00	1.67E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
4325	ALL	655865.5	4184922	NonCancer	0.00E+00	1.69E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
4326	ALL	655887.9	4184932	NonCancer	0.00E+00	1.66E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
4327	ALL	655910.2	4184942	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
4328	ALL	655932.6	4184952	NonCancer	0.00E+00	1.57E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
4329	ALL	655954.9	4184963	NonCancer	0.00E+00	1.53E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4330	ALL	655977.3	4184973	NonCancer	0.00E+00	1.45E-05	3.73E-04	0.00E+00	0.00E+00	3.73E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	3.73E-04
4331	ALL	655999.6	4184983	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4332	ALL	656022	4184994	NonCancer	0.00E+00	1.58E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
4333	ALL	656044.3	4185004	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4334	ALL	656066.7	4185014	NonCancer	0.00E+00	1.59E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
4335	ALL	656089	4185024	NonCancer	0.00E+00	1.52E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4336	ALL	656111.4	4185035	NonCancer	0.00E+00	1.43E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
4337	ALL	656133.7	4185045	NonCancer	0.00E+00	1.30E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4338	ALL	656156.1	4185055	NonCancer	0.00E+00	1.29E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4339	ALL	656178.4	4185065	NonCancer	0.00E+00	1.30E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4340	ALL	656200.8	4185076	NonCancer	0.00E+00	1.32E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
4341	ALL	656223.1	4185086	NonCancer	0.00E+00	1.43E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
4342	ALL	656245.5	4185096	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4343	ALL	656267.8	4185106	NonCancer	0.00E+00	1.58E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
4344	ALL	656290.2	4185117	NonCancer	0.00E+00	1.62E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
4345	ALL	656312.5	4185127	NonCancer	0.00E+00	1.63E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
4346	ALL	656334.9	4185137	NonCancer	0.00E+00	1.68E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
4347	ALL	656357.2	4185147	NonCancer	0.00E+00	1.98E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
4348	ALL	656379.6	4185158	NonCancer	0.00E+00	2.27E-05	5.94E-04	0.00E+00	0.00E+00	5.94E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04
4349	ALL	656401.9	4185168	NonCancer	0.00E+00	2.54E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04

4350	ALL	656424.3	4185178	NonCancer	0.00E+00	2.77E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.77E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
4351	ALL	656446.6	4185188	NonCancer	0.00E+00	2.94E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
4352	ALL	656469	4185199	NonCancer	0.00E+00	3.05E-05	7.68E-04	0.00E+00	0.00E+00	7.68E-04	3.05E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	7.68E-04
4353	ALL	656491.3	4185209	NonCancer	0.00E+00	3.08E-05	7.74E-04	0.00E+00	0.00E+00	7.74E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.74E-04	0.00E+00	0.00E+00	7.74E-04
4354	ALL	656513.7	4185219	NonCancer	0.00E+00	3.03E-05	7.63E-04	0.00E+00	0.00E+00	7.63E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
4355	ALL	656536	4185230	NonCancer	0.00E+00	2.91E-05	7.35E-04	0.00E+00	0.00E+00	7.35E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
4356	ALL	656558.4	4185240	NonCancer	0.00E+00	2.73E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
4357	ALL	656580.7	4185250	NonCancer	0.00E+00	2.50E-05	6.40E-04	0.00E+00	0.00E+00	6.40E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	6.40E-04
4358	ALL	656603.1	4185260	NonCancer	0.00E+00	2.23E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
4359	ALL	656625.4	4185271	NonCancer	0.00E+00	1.94E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
4360	ALL	656647.8	4185281	NonCancer	0.00E+00	1.66E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
4361	ALL	656678.1	4185314	NonCancer	0.00E+00	1.27E-05	3.45E-04	0.00E+00	0.00E+00	3.45E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
4362	ALL	656686.2	4185338	NonCancer	0.00E+00	1.25E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4363	ALL	656694.2	4185361	NonCancer	0.00E+00	1.29E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4364	ALL	656702.3	4185384	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4365	ALL	656710.3	4185407	NonCancer	0.00E+00	1.30E-05	3.32E-04	0.00E+00	0.00E+00	3.32E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04
4366	ALL	656718.3	4185431	NonCancer	0.00E+00	1.32E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
4367	ALL	656726.4	4185454	NonCancer	0.00E+00	1.42E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
4368	ALL	656734.4	4185477	NonCancer	0.00E+00	1.50E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4369	ALL	656742.4	4185500	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4370	ALL	656750.5	4185524	NonCancer	0.00E+00	1.58E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4371	ALL	656758.5	4185547	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4372	ALL	656766.6	4185570	NonCancer	0.00E+00	1.51E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
4373	ALL	656774.6	4185593	NonCancer	0.00E+00	1.44E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
4374	ALL	656782.6	4185616	NonCancer	0.00E+00	1.36E-05	3.49E-04	0.00E+00	0.00E+00	3.49E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
4375	ALL	656790.7	4185640	NonCancer	0.00E+00	1.40E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
4376	ALL	656798.7	4185663	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
4377	ALL	656806.7	4185686	NonCancer	0.00E+00	1.57E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
4378	ALL	656814.8	4185709	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4379	ALL	656822.8	4185733	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
4380	ALL	656830.9	4185756	NonCancer	0.00E+00	1.59E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
4381	ALL	656838.9	4185779	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4382	ALL	656846.9	4185802	NonCancer	0.00E+00	1.54E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
4383	ALL	656855	4185826	NonCancer	0.00E+00	1.62E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
4384	ALL	656863	4185849	NonCancer	0.00E+00	1.68E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
4385	ALL	656871	4185872	NonCancer	0.00E+00	1.97E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
4386	ALL	656879.1	4185895	NonCancer	0.00E+00	2.26E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
4387	ALL	656887.1	4185919	NonCancer	0.00E+00	2.50E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
4388	ALL	656895.2	4185942	NonCancer	0.00E+00	2.69E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
4389	ALL	656903.2	4185965	NonCancer	0.00E+00	2.80E-05	7.05E-04	0.00E+00	0.00E+00	7.05E-04	2.80E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	7.05E-04
4390	ALL	656911.2	4185988	NonCancer	0.00E+00	2.82E-05	7.10E-04	0.00E+00	0.00E+00	7.10E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	7.10E-04
4391	ALL	656919.3	4186012	NonCancer	0.00E+00	2.75E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.75E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
4392	ALL	656927.3	4186035	NonCancer	0.00E+00	2.60E-05	6.59E-04	0.00E+00	0.00E+00	6.59E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
4393	ALL	656935.3	4186058	NonCancer	0.00E+00	2.37E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
4394	ALL	656943.4	4186081	NonCancer	0.00E+00	2.10E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
4395	ALL	656951.4	4186105	NonCancer	0.00E+00	1.79E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4396	ALL	656959.5	4186128	NonCancer	0.00E+00	1.59E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
4397	ALL	656967.5	4186151	NonCancer	0.00E+00	1.45E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4398	ALL	656975.5	4186174	NonCancer	0.00E+00	1.29E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
4399	ALL	656983.6	4186198	NonCancer	0.00E+00	1.28E-05	3.32E-04	0.00E+00	0.00E+00	3.32E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04

4400	ALL	656991.6	4186221	NonCancer	0.00E+00	1.34E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
4401	ALL	656999.6	4186244	NonCancer	0.00E+00	1.50E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4402	ALL	657007.7	4186267	NonCancer	0.00E+00	1.65E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
4403	ALL	657015.7	4186290	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
4404	ALL	657023.8	4186314	NonCancer	0.00E+00	1.86E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
4405	ALL	657031.8	4186337	NonCancer	0.00E+00	1.91E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4406	ALL	657039.8	4186360	NonCancer	0.00E+00	1.92E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
4407	ALL	657047.9	4186383	NonCancer	0.00E+00	1.89E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4408	ALL	657055.9	4186407	NonCancer	0.00E+00	1.82E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
4409	ALL	657063.9	4186430	NonCancer	0.00E+00	1.71E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
4410	ALL	657072	4186453	NonCancer	0.00E+00	1.57E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
4411	ALL	657080	4186476	NonCancer	0.00E+00	1.42E-05	3.70E-04	0.00E+00	0.00E+00	3.70E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	3.70E-04
4412	ALL	657088.1	4186500	NonCancer	0.00E+00	1.37E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
4413	ALL	657096.1	4186523	NonCancer	0.00E+00	1.32E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
4414	ALL	657104.1	4186546	NonCancer	0.00E+00	1.24E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4415	ALL	657112.2	4186569	NonCancer	0.00E+00	1.28E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4416	ALL	657120.2	4186593	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4417	ALL	657128.2	4186616	NonCancer	0.00E+00	1.29E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
4418	ALL	657136.3	4186639	NonCancer	0.00E+00	1.27E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
4419	ALL	657144.3	4186662	NonCancer	0.00E+00	1.28E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4420	ALL	657152.4	4186686	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
4421	ALL	657160.4	4186709	NonCancer	0.00E+00	1.35E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
4422	ALL	657168.4	4186732	NonCancer	0.00E+00	1.35E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
4423	ALL	657176.5	4186755	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4424	ALL	657184.5	4186779	NonCancer	0.00E+00	1.25E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4425	ALL	657192.6	4186802	NonCancer	0.00E+00	1.15E-05	2.98E-04	0.00E+00	0.00E+00	2.98E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
4426	ALL	657200.6	4186825	NonCancer	0.00E+00	1.15E-05	2.93E-04	0.00E+00	0.00E+00	2.93E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04
4427	ALL	657208.6	4186848	NonCancer	0.00E+00	1.15E-05	2.90E-04	0.00E+00	0.00E+00	2.90E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	2.90E-04
4428	ALL	657216.7	4186872	NonCancer	0.00E+00	1.15E-05	2.93E-04	0.00E+00	0.00E+00	2.93E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04
4429	ALL	657224.7	4186895	NonCancer	0.00E+00	1.21E-05	3.08E-04	0.00E+00	0.00E+00	3.08E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	3.08E-04
4430	ALL	657232.7	4186918	NonCancer	0.00E+00	1.28E-05	3.24E-04	0.00E+00	0.00E+00	3.24E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	3.24E-04
4431	ALL	657240.8	4186941	NonCancer	0.00E+00	1.31E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
4432	ALL	657248.8	4186964	NonCancer	0.00E+00	1.32E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4433	ALL	657256.9	4186988	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4434	ALL	657264.9	4187011	NonCancer	0.00E+00	1.24E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4435	ALL	657272.9	4187034	NonCancer	0.00E+00	1.15E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
4436	ALL	657281	4187057	NonCancer	0.00E+00	1.15E-05	2.95E-04	0.00E+00	0.00E+00	2.95E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	2.95E-04
4437	ALL	657289	4187081	NonCancer	0.00E+00	1.23E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
4438	ALL	657297	4187104	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4439	ALL	657305.1	4187127	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
4440	ALL	657313.1	4187150	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
4441	ALL	657321.2	4187174	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4442	ALL	657329.2	4187197	NonCancer	0.00E+00	1.23E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4443	ALL	657337.2	4187220	NonCancer	0.00E+00	1.26E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
4444	ALL	657345.3	4187243	NonCancer	0.00E+00	1.30E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
4445	ALL	657353.3	4187267	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4446	ALL	657361.3	4187290	NonCancer	0.00E+00	1.28E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4447	ALL	657369.4	4187313	NonCancer	0.00E+00	1.23E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
4448	ALL	657377.4	4187336	NonCancer	0.00E+00	1.15E-05	2.95E-04	0.00E+00	0.00E+00	2.95E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	2.95E-04
4449	ALL	657385.5	4187360	NonCancer	0.00E+00	1.16E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04

4450	ALL	657393.5	4187383	NonCancer	0.00E+00	1.24E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4451	ALL	657401.5	4187406	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4452	ALL	657409.6	4187429	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
4453	ALL	657417.6	4187453	NonCancer	0.00E+00	1.34E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
4454	ALL	657425.6	4187476	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
4455	ALL	657433.7	4187499	NonCancer	0.00E+00	1.27E-05	3.24E-04	0.00E+00	0.00E+00	3.24E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	3.24E-04
4456	ALL	657441.7	4187522	NonCancer	0.00E+00	1.24E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
4457	ALL	657449.8	4187546	NonCancer	0.00E+00	1.29E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4458	ALL	657457.8	4187569	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4459	ALL	657465.8	4187592	NonCancer	0.00E+00	1.29E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
4460	ALL	657473.9	4187615	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
4461	ALL	657481.9	4187638	NonCancer	0.00E+00	1.21E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4462	ALL	657489.9	4187662	NonCancer	0.00E+00	1.27E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
4463	ALL	657498	4187685	NonCancer	0.00E+00	1.47E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4464	ALL	657506	4187708	NonCancer	0.00E+00	1.68E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
4465	ALL	657514.1	4187731	NonCancer	0.00E+00	1.87E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
4466	ALL	657522.1	4187755	NonCancer	0.00E+00	2.04E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
4467	ALL	657530.1	4187778	NonCancer	0.00E+00	2.20E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
4468	ALL	657538.2	4187801	NonCancer	0.00E+00	2.34E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
4469	ALL	657546.2	4187824	NonCancer	0.00E+00	2.41E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
4470	ALL	657554.2	4187848	NonCancer	0.00E+00	2.39E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
4471	ALL	657562.3	4187871	NonCancer	0.00E+00	2.29E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
4472	ALL	657570.3	4187894	NonCancer	0.00E+00	2.13E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
4473	ALL	657578.4	4187917	NonCancer	0.00E+00	1.97E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4474	ALL	657586.4	4187941	NonCancer	0.00E+00	1.79E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
4475	ALL	657594.4	4187964	NonCancer	0.00E+00	1.60E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
4476	ALL	657602.5	4187987	NonCancer	0.00E+00	1.40E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
4477	ALL	657610.5	4188010	NonCancer	0.00E+00	1.26E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
4478	ALL	657618.5	4188034	NonCancer	0.00E+00	1.25E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4479	ALL	657626.6	4188057	NonCancer	0.00E+00	1.23E-05	3.21E-04	0.00E+00	0.00E+00	3.21E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
4480	ALL	657634.6	4188080	NonCancer	0.00E+00	1.25E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4481	ALL	657642.7	4188103	NonCancer	0.00E+00	1.25E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4482	ALL	657650.7	4188127	NonCancer	0.00E+00	1.24E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
4483	ALL	653921.2	4184029	NonCancer	0.00E+00	1.76E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
4484	ALL	653896.4	4184028	NonCancer	0.00E+00	1.73E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4485	ALL	653871.6	4184028	NonCancer	0.00E+00	1.72E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
4486	ALL	653846.9	4184027	NonCancer	0.00E+00	1.67E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
4487	ALL	653822.1	4184026	NonCancer	0.00E+00	1.67E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
4488	ALL	653797.3	4184026	NonCancer	0.00E+00	1.66E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
4489	ALL	653669.5	4187873	NonCancer	0.00E+00	1.58E-03	4.06E-02	0.00E+00	0.00E+00	4.06E-02	1.58E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	4.06E-02	0.00E+00	0.00E+00	4.06E-02
4490	ALL	653667.7	4187915	NonCancer	0.00E+00	2.41E-03	6.22E-02	0.00E+00	0.00E+00	6.22E-02	2.41E-03	0.00E+00	2.41E-03	0.00E+00	0.00E+00	6.22E-02	0.00E+00	0.00E+00	6.22E-02
4491	ALL	653665.9	4187957	NonCancer	0.00E+00	3.77E-03	9.55E-02	0.00E+00	0.00E+00	9.55E-02	3.77E-03	0.00E+00	3.77E-03	0.00E+00	0.00E+00	9.55E-02	0.00E+00	0.00E+00	9.55E-02
4492	ALL	653652.5	4187855	NonCancer	0.00E+00	1.29E-03	3.32E-02	0.00E+00	0.00E+00	3.32E-02	1.29E-03	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.32E-02	0.00E+00	0.00E+00	3.32E-02
4493	ALL	653643.6	4187893	NonCancer	0.00E+00	1.67E-03	4.31E-02	0.00E+00	0.00E+00	4.31E-02	1.67E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	4.31E-02
4494	ALL	653641.8	4187935	NonCancer	0.00E+00	2.40E-03	6.12E-02	0.00E+00	0.00E+00	6.12E-02	2.40E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	6.12E-02	0.00E+00	0.00E+00	6.12E-02
4495	ALL	653640	4187977	NonCancer	0.00E+00	2.62E-03	6.77E-02	0.00E+00	0.00E+00	6.77E-02	2.62E-03	0.00E+00	2.62E-03	0.00E+00	0.00E+00	6.77E-02	0.00E+00	0.00E+00	6.77E-02
4496	ALL	653627.5	4187854	NonCancer	0.00E+00	1.16E-03	2.98E-02	0.00E+00	0.00E+00	2.98E-02	1.16E-03	0.00E+00	1.16E-03	0.00E+00	0.00E+00	2.98E-02	0.00E+00	0.00E+00	2.98E-02
4497	ALL	653661.1	4187813	NonCancer	0.00E+00	9.82E-04	2.53E-02	0.00E+00	0.00E+00	2.53E-02	9.82E-04	0.00E+00	9.82E-04	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	2.53E-02
4498	ALL	653618.6	4187892	NonCancer	0.00E+00	1.42E-03	3.67E-02	0.00E+00	0.00E+00	3.67E-02	1.42E-03	0.00E+00	1.42E-03	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	3.67E-02
4499	ALL	653616.8	4187934	NonCancer	0.00E+00	1.85E-03	4.75E-02	0.00E+00	0.00E+00	4.75E-02	1.85E-03	0.00E+00	1.85E-03	0.00E+00	0.00E+00	4.75E-02	0.00E+00	0.00E+00	4.75E-02

4500	ALL	653615	4187975	NonCancer	0.00E+00	1.97E-03	5.09E-02	0.00E+00	0.00E+00	5.09E-02	1.97E-03	0.00E+00	1.97E-03	0.00E+00	0.00E+00	5.09E-02	0.00E+00	0.00E+00	5.09E-02
4501	ALL	653602.5	4187853	NonCancer	0.00E+00	1.03E-03	2.64E-02	0.00E+00	0.00E+00	2.64E-02	1.03E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	2.64E-02
4502	ALL	653618.4	4187818	NonCancer	0.00E+00	8.80E-04	2.27E-02	0.00E+00	0.00E+00	2.27E-02	8.80E-04	0.00E+00	8.80E-04	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.27E-02
4503	ALL	653644	4187794	NonCancer	0.00E+00	8.30E-04	2.13E-02	0.00E+00	0.00E+00	2.13E-02	8.30E-04	0.00E+00	8.30E-04	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	2.13E-02
4504	ALL	653593.7	4187891	NonCancer	0.00E+00	1.26E-03	3.23E-02	0.00E+00	0.00E+00	3.23E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.23E-02	0.00E+00	0.00E+00	3.23E-02
4505	ALL	653591.8	4187933	NonCancer	0.00E+00	1.47E-03	3.80E-02	0.00E+00	0.00E+00	3.80E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.80E-02	0.00E+00	0.00E+00	3.80E-02
4506	ALL	653590	4187974	NonCancer	0.00E+00	1.54E-03	3.98E-02	0.00E+00	0.00E+00	3.98E-02	1.54E-03	0.00E+00	1.54E-03	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	3.98E-02
4507	ALL	653552.5	4187851	NonCancer	0.00E+00	8.04E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.04E-04	0.00E+00	8.04E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
4508	ALL	653568.4	4187816	NonCancer	0.00E+00	7.48E-04	1.91E-02	0.00E+00	0.00E+00	1.91E-02	7.48E-04	0.00E+00	7.48E-04	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.91E-02
4509	ALL	653584.3	4187782	NonCancer	0.00E+00	6.72E-04	1.72E-02	0.00E+00	0.00E+00	1.72E-02	6.72E-04	0.00E+00	6.72E-04	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.72E-02
4510	ALL	653609.9	4187758	NonCancer	0.00E+00	6.48E-04	1.66E-02	0.00E+00	0.00E+00	1.66E-02	6.48E-04	0.00E+00	6.48E-04	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.66E-02
4511	ALL	653645.3	4187744	NonCancer	0.00E+00	6.68E-04	1.70E-02	0.00E+00	0.00E+00	1.70E-02	6.68E-04	0.00E+00	6.68E-04	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.70E-02
4512	ALL	653543.7	4187889	NonCancer	0.00E+00	9.17E-04	2.36E-02	0.00E+00	0.00E+00	2.36E-02	9.17E-04	0.00E+00	9.17E-04	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	2.36E-02
4513	ALL	653541.9	4187930	NonCancer	0.00E+00	9.99E-04	2.58E-02	0.00E+00	0.00E+00	2.58E-02	9.99E-04	0.00E+00	9.99E-04	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.58E-02
4514	ALL	653540.1	4187972	NonCancer	0.00E+00	1.04E-03	2.69E-02	0.00E+00	0.00E+00	2.69E-02	1.04E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	2.69E-02
4515	ALL	653502.6	4187848	NonCancer	0.00E+00	6.66E-04	1.69E-02	0.00E+00	0.00E+00	1.69E-02	6.66E-04	0.00E+00	6.66E-04	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.69E-02
4516	ALL	653518.5	4187814	NonCancer	0.00E+00	6.07E-04	1.56E-02	0.00E+00	0.00E+00	1.56E-02	6.07E-04	0.00E+00	6.07E-04	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.56E-02
4517	ALL	653534.3	4187780	NonCancer	0.00E+00	5.78E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.78E-04	0.00E+00	5.78E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
4518	ALL	653550.2	4187745	NonCancer	0.00E+00	5.30E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.30E-04	0.00E+00	5.30E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
4519	ALL	653575.8	4187721	NonCancer	0.00E+00	5.12E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.12E-04	0.00E+00	5.12E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
4520	ALL	653611.2	4187708	NonCancer	0.00E+00	5.21E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.21E-04	0.00E+00	5.21E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
4521	ALL	653646.7	4187694	NonCancer	0.00E+00	5.14E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.14E-04	0.00E+00	5.14E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
4522	ALL	653493.8	4187886	NonCancer	0.00E+00	7.00E-04	1.80E-02	0.00E+00	0.00E+00	1.80E-02	7.00E-04	0.00E+00	7.00E-04	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.80E-02
4523	ALL	653491.9	4187928	NonCancer	0.00E+00	7.47E-04	1.92E-02	0.00E+00	0.00E+00	1.92E-02	7.47E-04	0.00E+00	7.47E-04	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.92E-02
4524	ALL	653490.1	4187970	NonCancer	0.00E+00	7.53E-04	1.94E-02	0.00E+00	0.00E+00	1.94E-02	7.53E-04	0.00E+00	7.53E-04	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.94E-02
4525	ALL	653452.6	4187846	NonCancer	0.00E+00	5.47E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.47E-04	0.00E+00	5.47E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
4526	ALL	653468.5	4187812	NonCancer	0.00E+00	5.39E-04	1.37E-02	0.00E+00	0.00E+00	1.37E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.37E-02
4527	ALL	653484.4	4187777	NonCancer	0.00E+00	4.90E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	4.90E-04	0.00E+00	4.90E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
4528	ALL	653500.2	4187743	NonCancer	0.00E+00	4.64E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
4529	ALL	653516.1	4187709	NonCancer	0.00E+00	4.29E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.29E-04	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
4530	ALL	653541.7	4187685	NonCancer	0.00E+00	4.25E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.25E-04	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
4531	ALL	653577.2	4187671	NonCancer	0.00E+00	4.26E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
4532	ALL	653612.6	4187658	NonCancer	0.00E+00	4.45E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
4533	ALL	653648	4187645	NonCancer	0.00E+00	4.29E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.29E-04	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
4534	ALL	653443.8	4187884	NonCancer	0.00E+00	5.60E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.60E-04	0.00E+00	5.60E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
4535	ALL	653442	4187926	NonCancer	0.00E+00	5.73E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.73E-04	0.00E+00	5.73E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
4536	ALL	653440.2	4187968	NonCancer	0.00E+00	5.95E-04	1.53E-02	0.00E+00	0.00E+00	1.53E-02	5.95E-04	0.00E+00	5.95E-04	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.53E-02
4537	ALL	653403.4	4187842	NonCancer	0.00E+00	4.61E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.61E-04	0.00E+00	4.61E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
4538	ALL	653420.7	4187805	NonCancer	0.00E+00	4.39E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
4539	ALL	653438	4187767	NonCancer	0.00E+00	4.09E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.09E-04	0.00E+00	4.09E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
4540	ALL	653455.3	4187730	NonCancer	0.00E+00	3.97E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	3.97E-04	0.00E+00	3.97E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
4541	ALL	653472.6	4187692	NonCancer	0.00E+00	3.74E-04	9.49E-03	0.00E+00	0.00E+00	9.49E-03	3.74E-04	0.00E+00	3.74E-04	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.49E-03
4542	ALL	653509.2	4187648	NonCancer	0.00E+00	3.57E-04	9.08E-03	0.00E+00	0.00E+00	9.08E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	9.08E-03
4543	ALL	653547.9	4187633	NonCancer	0.00E+00	3.60E-04	9.25E-03	0.00E+00	0.00E+00	9.25E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.25E-03	0.00E+00	0.00E+00	9.25E-03
4544	ALL	653586.5	4187618	NonCancer	0.00E+00	3.75E-04	9.49E-03	0.00E+00	0.00E+00	9.49E-03	3.75E-04	0.00E+00	3.75E-04	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.49E-03
4545	ALL	653625.2	4187604	NonCancer	0.00E+00	3.63E-04	9.23E-03	0.00E+00	0.00E+00	9.23E-03	3.63E-04	0.00E+00	3.63E-04	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	9.23E-03
4546	ALL	653663.8	4187589	NonCancer	0.00E+00	3.58E-04	9.16E-03	0.00E+00	0.00E+00	9.16E-03	3.58E-04	0.00E+00	3.58E-04	0.00E+00	0.00E+00	9.16E-03	0.00E+00	0.00E+00	9.16E-03
4547	ALL	653393.8	4187882	NonCancer	0.00E+00	4.55E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.55E-04	0.00E+00	4.55E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
4548	ALL	653392	4187924	NonCancer	0.00E+00	4.64E-04	1.19E-02	0.00E+00	0.00E+00	1.19E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.19E-02
4549	ALL	653390.2	4187966	NonCancer	0.00E+00	4.84E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.84E-04	0.00E+00	4.84E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02

4550	ALL	653353.3	4187841	NonCancer	0.00E+00	3.74E-04	9.58E-03	0.00E+00	0.00E+00	9.58E-03	3.74E-04	0.00E+00	3.74E-04	0.00E+00	0.00E+00	9.58E-03	0.00E+00	0.00E+00	9.58E-03
4551	ALL	653370.4	4187804	NonCancer	0.00E+00	3.83E-04	9.80E-03	0.00E+00	0.00E+00	9.80E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	9.80E-03
4552	ALL	653387.5	4187766	NonCancer	0.00E+00	3.78E-04	9.54E-03	0.00E+00	0.00E+00	9.54E-03	3.78E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	9.54E-03	0.00E+00	0.00E+00	9.54E-03
4553	ALL	653404.6	4187729	NonCancer	0.00E+00	3.45E-04	8.83E-03	0.00E+00	0.00E+00	8.83E-03	3.45E-04	0.00E+00	3.45E-04	0.00E+00	0.00E+00	8.83E-03	0.00E+00	0.00E+00	8.83E-03
4554	ALL	653421.7	4187692	NonCancer	0.00E+00	3.34E-04	8.51E-03	0.00E+00	0.00E+00	8.51E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	8.51E-03
4555	ALL	653438.8	4187655	NonCancer	0.00E+00	3.17E-04	8.05E-03	0.00E+00	0.00E+00	8.05E-03	3.17E-04	0.00E+00	3.17E-04	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.05E-03
4556	ALL	653474.9	4187611	NonCancer	0.00E+00	3.05E-04	7.78E-03	0.00E+00	0.00E+00	7.78E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	7.78E-03
4557	ALL	653513.1	4187597	NonCancer	0.00E+00	3.09E-04	7.86E-03	0.00E+00	0.00E+00	7.86E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	7.86E-03
4558	ALL	653551.2	4187582	NonCancer	0.00E+00	3.13E-04	8.00E-03	0.00E+00	0.00E+00	8.00E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.00E-03
4559	ALL	653589.4	4187568	NonCancer	0.00E+00	3.05E-04	7.79E-03	0.00E+00	0.00E+00	7.79E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	7.79E-03
4560	ALL	653627.5	4187553	NonCancer	0.00E+00	3.13E-04	8.03E-03	0.00E+00	0.00E+00	8.03E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	8.03E-03	0.00E+00	0.00E+00	8.03E-03
4561	ALL	653665.7	4187539	NonCancer	0.00E+00	3.21E-04	8.12E-03	0.00E+00	0.00E+00	8.12E-03	3.21E-04	0.00E+00	3.21E-04	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	8.12E-03
4562	ALL	653343.9	4187880	NonCancer	0.00E+00	3.84E-04	9.81E-03	0.00E+00	0.00E+00	9.81E-03	3.84E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	9.81E-03	0.00E+00	0.00E+00	9.81E-03
4563	ALL	653342.1	4187922	NonCancer	0.00E+00	3.90E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	3.90E-04	0.00E+00	3.90E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
4564	ALL	653340.3	4187963	NonCancer	0.00E+00	4.02E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.02E-04	0.00E+00	4.02E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
4565	ALL	653253.3	4187837	NonCancer	0.00E+00	2.83E-04	7.23E-03	0.00E+00	0.00E+00	7.23E-03	2.83E-04	0.00E+00	2.83E-04	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	7.23E-03
4566	ALL	653270.1	4187800	NonCancer	0.00E+00	2.92E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
4567	ALL	653286.9	4187764	NonCancer	0.00E+00	2.88E-04	7.36E-03	0.00E+00	0.00E+00	7.36E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	7.36E-03
4568	ALL	653303.7	4187727	NonCancer	0.00E+00	2.80E-04	7.09E-03	0.00E+00	0.00E+00	7.09E-03	2.80E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	7.09E-03	0.00E+00	0.00E+00	7.09E-03
4569	ALL	653320.5	4187691	NonCancer	0.00E+00	2.60E-04	6.66E-03	0.00E+00	0.00E+00	6.66E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	6.66E-03
4570	ALL	653337.3	4187654	NonCancer	0.00E+00	2.53E-04	6.47E-03	0.00E+00	0.00E+00	6.47E-03	2.53E-04	0.00E+00	2.53E-04	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	6.47E-03
4571	ALL	653354.1	4187618	NonCancer	0.00E+00	2.49E-04	6.34E-03	0.00E+00	0.00E+00	6.34E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	6.34E-03
4572	ALL	653370.9	4187582	NonCancer	0.00E+00	2.38E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
4573	ALL	653406.4	4187538	NonCancer	0.00E+00	2.23E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
4574	ALL	653443.9	4187524	NonCancer	0.00E+00	2.37E-04	6.02E-03	0.00E+00	0.00E+00	6.02E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	6.02E-03
4575	ALL	653481.4	4187510	NonCancer	0.00E+00	2.36E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03
4576	ALL	653518.9	4187495	NonCancer	0.00E+00	2.50E-04	6.34E-03	0.00E+00	0.00E+00	6.34E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	6.34E-03
4577	ALL	653556.4	4187481	NonCancer	0.00E+00	2.34E-04	5.98E-03	0.00E+00	0.00E+00	5.98E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	5.98E-03
4578	ALL	653594	4187467	NonCancer	0.00E+00	2.38E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
4579	ALL	653631.5	4187453	NonCancer	0.00E+00	2.40E-04	6.20E-03	0.00E+00	0.00E+00	6.20E-03	2.40E-04	0.00E+00	2.40E-04	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	6.20E-03
4580	ALL	653669	4187439	NonCancer	0.00E+00	2.48E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
4581	ALL	653244	4187876	NonCancer	0.00E+00	2.74E-04	7.03E-03	0.00E+00	0.00E+00	7.03E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	7.03E-03
4582	ALL	653242.2	4187917	NonCancer	0.00E+00	2.84E-04	7.28E-03	0.00E+00	0.00E+00	7.28E-03	2.84E-04	0.00E+00	2.84E-04	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	7.28E-03
4583	ALL	653240.4	4187959	NonCancer	0.00E+00	2.92E-04	7.46E-03	0.00E+00	0.00E+00	7.46E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	7.46E-03
4584	ALL	653153.7	4187831	NonCancer	0.00E+00	2.18E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
4585	ALL	653171.2	4187794	NonCancer	0.00E+00	2.27E-04	5.82E-03	0.00E+00	0.00E+00	5.82E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	5.82E-03
4586	ALL	653188.6	4187756	NonCancer	0.00E+00	2.27E-04	5.80E-03	0.00E+00	0.00E+00	5.80E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	5.80E-03
4587	ALL	653206.1	4187718	NonCancer	0.00E+00	2.27E-04	5.78E-03	0.00E+00	0.00E+00	5.78E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.78E-03
4588	ALL	653223.5	4187680	NonCancer	0.00E+00	2.20E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
4589	ALL	653241	4187642	NonCancer	0.00E+00	2.05E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
4590	ALL	653258.4	4187604	NonCancer	0.00E+00	2.06E-04	5.23E-03	0.00E+00	0.00E+00	5.23E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.23E-03
4591	ALL	653275.8	4187567	NonCancer	0.00E+00	2.00E-04	5.10E-03	0.00E+00	0.00E+00	5.10E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.10E-03
4592	ALL	653293.3	4187529	NonCancer	0.00E+00	1.93E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
4593	ALL	653310.7	4187491	NonCancer	0.00E+00	1.87E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
4594	ALL	653339	4187465	NonCancer	0.00E+00	1.76E-04	4.53E-03	0.00E+00	0.00E+00	4.53E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.53E-03
4595	ALL	653377.9	4187450	NonCancer	0.00E+00	1.90E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
4596	ALL	653416.9	4187435	NonCancer	0.00E+00	1.91E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
4597	ALL	653455.9	4187420	NonCancer	0.00E+00	1.89E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
4598	ALL	653494.8	4187406	NonCancer	0.00E+00	2.00E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
4599	ALL	653533.8	4187391	NonCancer	0.00E+00	1.93E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03

4600	ALL	653572.8	4187376	NonCancer	0.00E+00	1.93E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
4601	ALL	653611.7	4187361	NonCancer	0.00E+00	1.94E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
4602	ALL	653650.7	4187347	NonCancer	0.00E+00	2.02E-04	5.10E-03	0.00E+00	0.00E+00	5.10E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.10E-03
4603	ALL	653144.1	4187871	NonCancer	0.00E+00	2.22E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
4604	ALL	653142.3	4187913	NonCancer	0.00E+00	2.16E-04	5.54E-03	0.00E+00	0.00E+00	5.54E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.54E-03
4605	ALL	653140.4	4187955	NonCancer	0.00E+00	2.24E-04	5.72E-03	0.00E+00	0.00E+00	5.72E-03	2.24E-04	0.00E+00	2.24E-04	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	5.72E-03
4606	ALL	653053.7	4187827	NonCancer	0.00E+00	1.78E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
4607	ALL	653070.9	4187790	NonCancer	0.00E+00	1.83E-04	4.66E-03	0.00E+00	0.00E+00	4.66E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.66E-03
4608	ALL	653088	4187753	NonCancer	0.00E+00	1.81E-04	4.66E-03	0.00E+00	0.00E+00	4.66E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.66E-03
4609	ALL	653105.2	4187716	NonCancer	0.00E+00	1.77E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03
4610	ALL	653122.4	4187678	NonCancer	0.00E+00	1.85E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
4611	ALL	653139.6	4187641	NonCancer	0.00E+00	1.84E-04	4.67E-03	0.00E+00	0.00E+00	4.67E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.67E-03
4612	ALL	653156.8	4187604	NonCancer	0.00E+00	1.71E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
4613	ALL	653174	4187567	NonCancer	0.00E+00	1.68E-04	4.27E-03	0.00E+00	0.00E+00	4.27E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.27E-03
4614	ALL	653191.1	4187529	NonCancer	0.00E+00	1.66E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
4615	ALL	653208.3	4187492	NonCancer	0.00E+00	1.62E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
4616	ALL	653225.5	4187455	NonCancer	0.00E+00	1.57E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
4617	ALL	653242.7	4187417	NonCancer	0.00E+00	1.54E-04	3.90E-03	0.00E+00	0.00E+00	3.90E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.90E-03
4618	ALL	653270.5	4187392	NonCancer	0.00E+00	1.47E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
4619	ALL	653308.9	4187377	NonCancer	0.00E+00	1.56E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
4620	ALL	653347.2	4187363	NonCancer	0.00E+00	1.56E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
4621	ALL	653385.6	4187348	NonCancer	0.00E+00	1.58E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
4622	ALL	653424	4187333	NonCancer	0.00E+00	1.55E-04	4.00E-03	0.00E+00	0.00E+00	4.00E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.00E-03
4623	ALL	653462.4	4187319	NonCancer	0.00E+00	1.63E-04	4.12E-03	0.00E+00	0.00E+00	4.12E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.12E-03
4624	ALL	653500.7	4187304	NonCancer	0.00E+00	1.59E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
4625	ALL	653539.1	4187290	NonCancer	0.00E+00	1.59E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
4626	ALL	653577.5	4187275	NonCancer	0.00E+00	1.60E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
4627	ALL	653615.9	4187261	NonCancer	0.00E+00	1.62E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
4628	ALL	653654.3	4187246	NonCancer	0.00E+00	1.56E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
4629	ALL	653044.2	4187867	NonCancer	0.00E+00	1.75E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
4630	ALL	653042.4	4187909	NonCancer	0.00E+00	1.74E-04	4.46E-03	0.00E+00	0.00E+00	4.46E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.46E-03
4631	ALL	653040.5	4187950	NonCancer	0.00E+00	1.77E-04	4.54E-03	0.00E+00	0.00E+00	4.54E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.54E-03
4632	ALL	652953.7	4187823	NonCancer	0.00E+00	1.43E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
4633	ALL	652970.7	4187786	NonCancer	0.00E+00	1.48E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
4634	ALL	652987.7	4187750	NonCancer	0.00E+00	1.50E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
4635	ALL	653004.7	4187713	NonCancer	0.00E+00	1.56E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
4636	ALL	653021.7	4187676	NonCancer	0.00E+00	1.52E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
4637	ALL	653038.7	4187639	NonCancer	0.00E+00	1.56E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
4638	ALL	653055.6	4187602	NonCancer	0.00E+00	1.56E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
4639	ALL	653072.6	4187565	NonCancer	0.00E+00	1.48E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
4640	ALL	653089.6	4187528	NonCancer	0.00E+00	1.42E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
4641	ALL	653106.6	4187492	NonCancer	0.00E+00	1.41E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
4642	ALL	653123.6	4187455	NonCancer	0.00E+00	1.39E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
4643	ALL	653140.6	4187418	NonCancer	0.00E+00	1.35E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
4644	ALL	653157.6	4187381	NonCancer	0.00E+00	1.32E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
4645	ALL	653174.6	4187344	NonCancer	0.00E+00	1.29E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
4646	ALL	653202.1	4187318	NonCancer	0.00E+00	1.26E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
4647	ALL	653240	4187304	NonCancer	0.00E+00	1.28E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
4648	ALL	653278	4187290	NonCancer	0.00E+00	1.34E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
4649	ALL	653316	4187275	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03

4650	ALL	653353.9	4187261	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
4651	ALL	653391.9	4187247	NonCancer	0.00E+00	1.36E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
4652	ALL	653429.8	4187232	NonCancer	0.00E+00	1.39E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
4653	ALL	653467.8	4187218	NonCancer	0.00E+00	1.33E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
4654	ALL	653505.7	4187204	NonCancer	0.00E+00	1.36E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
4655	ALL	653543.7	4187189	NonCancer	0.00E+00	1.37E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
4656	ALL	653581.7	4187175	NonCancer	0.00E+00	1.35E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
4657	ALL	653619.6	4187160	NonCancer	0.00E+00	1.42E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
4658	ALL	653657.6	4187146	NonCancer	0.00E+00	1.33E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
4659	ALL	652944.3	4187863	NonCancer	0.00E+00	1.47E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
4660	ALL	652942.5	4187904	NonCancer	0.00E+00	1.46E-04	3.73E-03	0.00E+00	0.00E+00	3.73E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.73E-03
4661	ALL	652940.6	4187946	NonCancer	0.00E+00	1.45E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
4662	ALL	652854	4187818	NonCancer	0.00E+00	1.27E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
4663	ALL	652871.4	4187781	NonCancer	0.00E+00	1.30E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
4664	ALL	652888.8	4187743	NonCancer	0.00E+00	1.31E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
4665	ALL	652906.2	4187705	NonCancer	0.00E+00	1.33E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
4666	ALL	652923.6	4187668	NonCancer	0.00E+00	1.36E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
4667	ALL	652941	4187630	NonCancer	0.00E+00	1.34E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
4668	ALL	652958.4	4187592	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
4669	ALL	652975.7	4187554	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
4670	ALL	652993.1	4187517	NonCancer	0.00E+00	1.26E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
4671	ALL	653010.5	4187479	NonCancer	0.00E+00	1.22E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
4672	ALL	653027.9	4187441	NonCancer	0.00E+00	1.21E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
4673	ALL	653045.3	4187403	NonCancer	0.00E+00	1.20E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
4674	ALL	653062.7	4187366	NonCancer	0.00E+00	1.17E-04	2.97E-03	0.00E+00	0.00E+00	2.97E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	2.97E-03
4675	ALL	653080.1	4187328	NonCancer	0.00E+00	1.15E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
4676	ALL	653097.5	4187290	NonCancer	0.00E+00	1.11E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
4677	ALL	653134.3	4187245	NonCancer	0.00E+00	1.08E-04	2.74E-03	0.00E+00	0.00E+00	2.74E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	2.74E-03
4678	ALL	653173.2	4187230	NonCancer	0.00E+00	1.08E-04	2.76E-03	0.00E+00	0.00E+00	2.76E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	2.76E-03
4679	ALL	653212.1	4187216	NonCancer	0.00E+00	1.14E-04	2.90E-03	0.00E+00	0.00E+00	2.90E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	2.90E-03
4680	ALL	653250.9	4187201	NonCancer	0.00E+00	1.15E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
4681	ALL	653289.8	4187186	NonCancer	0.00E+00	1.15E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
4682	ALL	653328.6	4187172	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
4683	ALL	653367.5	4187157	NonCancer	0.00E+00	1.22E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
4684	ALL	653406.3	4187142	NonCancer	0.00E+00	1.21E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
4685	ALL	653445.2	4187128	NonCancer	0.00E+00	1.16E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
4686	ALL	653484	4187113	NonCancer	0.00E+00	1.16E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
4687	ALL	653522.9	4187098	NonCancer	0.00E+00	1.18E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
4688	ALL	653561.8	4187083	NonCancer	0.00E+00	1.16E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
4689	ALL	653600.6	4187069	NonCancer	0.00E+00	1.22E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
4690	ALL	653639.5	4187054	NonCancer	0.00E+00	1.12E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
4691	ALL	653678.3	4187039	NonCancer	0.00E+00	1.12E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
4692	ALL	652844.4	4187858	NonCancer	0.00E+00	1.25E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
4693	ALL	652842.6	4187900	NonCancer	0.00E+00	1.24E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
4694	ALL	652840.7	4187942	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
4695	ALL	652604.2	4187807	NonCancer	0.00E+00	8.88E-05	2.27E-03	0.00E+00	0.00E+00	2.27E-03	8.88E-05	0.00E+00	8.88E-05	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	2.27E-03
4696	ALL	652621.7	4187770	NonCancer	0.00E+00	8.92E-05	2.28E-03	0.00E+00	0.00E+00	2.28E-03	8.92E-05	0.00E+00	8.92E-05	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	2.28E-03
4697	ALL	652639.1	4187732	NonCancer	0.00E+00	9.34E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.34E-05	0.00E+00	9.34E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
4698	ALL	652656.6	4187694	NonCancer	0.00E+00	9.40E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.40E-05	0.00E+00	9.40E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
4699	ALL	652674	4187656	NonCancer	0.00E+00	9.30E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.30E-05	0.00E+00	9.30E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03

4700	ALL	652691.5	4187618	NonCancer	0.00E+00	9.45E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.45E-05	0.00E+00	9.45E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
4701	ALL	652708.9	4187580	NonCancer	0.00E+00	9.69E-05	2.46E-03	0.00E+00	0.00E+00	2.46E-03	9.69E-05	0.00E+00	9.69E-05	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
4702	ALL	652726.4	4187543	NonCancer	0.00E+00	9.62E-05	2.45E-03	0.00E+00	0.00E+00	2.45E-03	9.62E-05	0.00E+00	9.62E-05	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	2.45E-03
4703	ALL	652743.8	4187505	NonCancer	0.00E+00	9.61E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.61E-05	0.00E+00	9.61E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
4704	ALL	652761.3	4187467	NonCancer	0.00E+00	9.29E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.29E-05	0.00E+00	9.29E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03
4705	ALL	652778.7	4187429	NonCancer	0.00E+00	9.42E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.42E-05	0.00E+00	9.42E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
4706	ALL	652796.2	4187391	NonCancer	0.00E+00	8.99E-05	2.28E-03	0.00E+00	0.00E+00	2.28E-03	8.99E-05	0.00E+00	8.99E-05	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	2.28E-03
4707	ALL	652813.6	4187353	NonCancer	0.00E+00	8.72E-05	2.22E-03	0.00E+00	0.00E+00	2.22E-03	8.72E-05	0.00E+00	8.72E-05	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	2.22E-03
4708	ALL	652831.1	4187316	NonCancer	0.00E+00	8.76E-05	2.23E-03	0.00E+00	0.00E+00	2.23E-03	8.76E-05	0.00E+00	8.76E-05	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	2.23E-03
4709	ALL	652848.5	4187278	NonCancer	0.00E+00	8.50E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.50E-05	0.00E+00	8.50E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
4710	ALL	652865.9	4187240	NonCancer	0.00E+00	8.57E-05	2.18E-03	0.00E+00	0.00E+00	2.18E-03	8.57E-05	0.00E+00	8.57E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
4711	ALL	652883.4	4187202	NonCancer	0.00E+00	8.43E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.43E-05	0.00E+00	8.43E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4712	ALL	652900.8	4187164	NonCancer	0.00E+00	8.31E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.31E-05	0.00E+00	8.31E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
4713	ALL	652918.3	4187126	NonCancer	0.00E+00	8.10E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.10E-05	0.00E+00	8.10E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
4714	ALL	652935.7	4187089	NonCancer	0.00E+00	7.96E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	7.96E-05	0.00E+00	7.96E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
4715	ALL	652963.9	4187062	NonCancer	0.00E+00	7.76E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.76E-05	0.00E+00	7.76E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
4716	ALL	653002.9	4187048	NonCancer	0.00E+00	7.72E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.72E-05	0.00E+00	7.72E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
4717	ALL	653041.9	4187033	NonCancer	0.00E+00	8.09E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.09E-05	0.00E+00	8.09E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
4718	ALL	653080.9	4187018	NonCancer	0.00E+00	8.30E-05	2.10E-03	0.00E+00	0.00E+00	2.10E-03	8.30E-05	0.00E+00	8.30E-05	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
4719	ALL	653119.8	4187003	NonCancer	0.00E+00	8.29E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.29E-05	0.00E+00	8.29E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
4720	ALL	653158.8	4186989	NonCancer	0.00E+00	8.32E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.32E-05	0.00E+00	8.32E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
4721	ALL	653197.8	4186974	NonCancer	0.00E+00	8.27E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.27E-05	0.00E+00	8.27E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
4722	ALL	653236.7	4186959	NonCancer	0.00E+00	8.38E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.38E-05	0.00E+00	8.38E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4723	ALL	653275.7	4186944	NonCancer	0.00E+00	8.93E-05	2.26E-03	0.00E+00	0.00E+00	2.26E-03	8.93E-05	0.00E+00	8.93E-05	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	2.26E-03
4724	ALL	653314.7	4186930	NonCancer	0.00E+00	8.87E-05	2.23E-03	0.00E+00	0.00E+00	2.23E-03	8.87E-05	0.00E+00	8.87E-05	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	2.23E-03
4725	ALL	653353.6	4186915	NonCancer	0.00E+00	8.20E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.20E-05	0.00E+00	8.20E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
4726	ALL	653392.6	4186900	NonCancer	0.00E+00	8.49E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.49E-05	0.00E+00	8.49E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4727	ALL	653431.6	4186885	NonCancer	0.00E+00	8.43E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.43E-05	0.00E+00	8.43E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4728	ALL	653470.5	4186871	NonCancer	0.00E+00	8.57E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.57E-05	0.00E+00	8.57E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
4729	ALL	653509.5	4186856	NonCancer	0.00E+00	8.45E-05	2.16E-03	0.00E+00	0.00E+00	2.16E-03	8.45E-05	0.00E+00	8.45E-05	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	2.16E-03
4730	ALL	653548.5	4186841	NonCancer	0.00E+00	8.68E-05	2.23E-03	0.00E+00	0.00E+00	2.23E-03	8.68E-05	0.00E+00	8.68E-05	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	2.23E-03
4731	ALL	653587.5	4186826	NonCancer	0.00E+00	8.72E-05	2.20E-03	0.00E+00	0.00E+00	2.20E-03	8.72E-05	0.00E+00	8.72E-05	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	2.20E-03
4732	ALL	653626.4	4186812	NonCancer	0.00E+00	8.32E-05	2.10E-03	0.00E+00	0.00E+00	2.10E-03	8.32E-05	0.00E+00	8.32E-05	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
4733	ALL	653665.4	4186797	NonCancer	0.00E+00	8.07E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.07E-05	0.00E+00	8.07E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
4734	ALL	652594.6	4187847	NonCancer	0.00E+00	8.99E-05	2.29E-03	0.00E+00	0.00E+00	2.29E-03	8.99E-05	0.00E+00	8.99E-05	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	2.29E-03
4735	ALL	652592.8	4187889	NonCancer	0.00E+00	8.82E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.82E-05	0.00E+00	8.82E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
4736	ALL	652591	4187931	NonCancer	0.00E+00	8.37E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.37E-05	0.00E+00	8.37E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
4737	ALL	652354.5	4187797	NonCancer	0.00E+00	6.84E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
4738	ALL	652372	4187759	NonCancer	0.00E+00	6.98E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	6.98E-05	0.00E+00	6.98E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
4739	ALL	652389.5	4187721	NonCancer	0.00E+00	6.60E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
4740	ALL	652406.9	4187683	NonCancer	0.00E+00	7.15E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.15E-05	0.00E+00	7.15E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
4741	ALL	652424.4	4187645	NonCancer	0.00E+00	7.17E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
4742	ALL	652441.9	4187607	NonCancer	0.00E+00	7.21E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.21E-05	0.00E+00	7.21E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
4743	ALL	652459.4	4187569	NonCancer	0.00E+00	7.34E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.34E-05	0.00E+00	7.34E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
4744	ALL	652476.9	4187531	NonCancer	0.00E+00	7.39E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.39E-05	0.00E+00	7.39E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
4745	ALL	652494.3	4187493	NonCancer	0.00E+00	7.30E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.30E-05	0.00E+00	7.30E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
4746	ALL	652511.8	4187455	NonCancer	0.00E+00	7.35E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4747	ALL	652529.3	4187417	NonCancer	0.00E+00	7.35E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4748	ALL	652546.8	4187380	NonCancer	0.00E+00	7.37E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.37E-05	0.00E+00	7.37E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4749	ALL	652564.2	4187342	NonCancer	0.00E+00	7.38E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03

4750	ALL	652581.7	4187304	NonCancer	0.00E+00	7.38E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4751	ALL	652599.2	4187266	NonCancer	0.00E+00	6.83E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.83E-05	0.00E+00	6.83E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
4752	ALL	652616.7	4187228	NonCancer	0.00E+00	6.63E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.63E-05	0.00E+00	6.63E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
4753	ALL	652634.2	4187190	NonCancer	0.00E+00	6.68E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
4754	ALL	652651.6	4187152	NonCancer	0.00E+00	6.70E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.70E-05	0.00E+00	6.70E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
4755	ALL	652669.1	4187114	NonCancer	0.00E+00	6.60E-05	1.68E-03	0.00E+00	0.00E+00	1.68E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	1.68E-03
4756	ALL	652686.6	4187076	NonCancer	0.00E+00	6.55E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.55E-05	0.00E+00	6.55E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4757	ALL	652704.1	4187038	NonCancer	0.00E+00	6.47E-05	1.64E-03	0.00E+00	0.00E+00	1.64E-03	6.47E-05	0.00E+00	6.47E-05	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03
4758	ALL	652721.6	4187000	NonCancer	0.00E+00	6.34E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.34E-05	0.00E+00	6.34E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
4759	ALL	652739	4186963	NonCancer	0.00E+00	6.25E-05	1.59E-03	0.00E+00	0.00E+00	1.59E-03	6.25E-05	0.00E+00	6.25E-05	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	1.59E-03
4760	ALL	652756.5	4186925	NonCancer	0.00E+00	6.19E-05	1.57E-03	0.00E+00	0.00E+00	1.57E-03	6.19E-05	0.00E+00	6.19E-05	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	1.57E-03
4761	ALL	652793.5	4186879	NonCancer	0.00E+00	6.04E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
4762	ALL	652832.6	4186865	NonCancer	0.00E+00	5.99E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.99E-05	0.00E+00	5.99E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
4763	ALL	652871.6	4186850	NonCancer	0.00E+00	5.92E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
4764	ALL	652910.6	4186835	NonCancer	0.00E+00	6.36E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.36E-05	0.00E+00	6.36E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
4765	ALL	652949.7	4186820	NonCancer	0.00E+00	6.38E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.38E-05	0.00E+00	6.38E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
4766	ALL	652988.7	4186806	NonCancer	0.00E+00	6.39E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
4767	ALL	653027.8	4186791	NonCancer	0.00E+00	6.46E-05	1.64E-03	0.00E+00	0.00E+00	1.64E-03	6.46E-05	0.00E+00	6.46E-05	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03
4768	ALL	653066.8	4186776	NonCancer	0.00E+00	6.39E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
4769	ALL	653105.9	4186761	NonCancer	0.00E+00	6.48E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.48E-05	0.00E+00	6.48E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4770	ALL	653144.9	4186746	NonCancer	0.00E+00	7.29E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
4771	ALL	653183.9	4186732	NonCancer	0.00E+00	6.91E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.91E-05	0.00E+00	6.91E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
4772	ALL	653223	4186717	NonCancer	0.00E+00	6.84E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
4773	ALL	653262	4186702	NonCancer	0.00E+00	6.23E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.23E-05	0.00E+00	6.23E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
4774	ALL	653301.1	4186687	NonCancer	0.00E+00	6.53E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.53E-05	0.00E+00	6.53E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4775	ALL	653340.1	4186673	NonCancer	0.00E+00	6.59E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.59E-05	0.00E+00	6.59E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4776	ALL	653379.2	4186658	NonCancer	0.00E+00	6.58E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.58E-05	0.00E+00	6.58E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4777	ALL	653418.2	4186643	NonCancer	0.00E+00	6.58E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.58E-05	0.00E+00	6.58E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4778	ALL	653457.2	4186628	NonCancer	0.00E+00	6.54E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.54E-05	0.00E+00	6.54E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4779	ALL	653496.3	4186613	NonCancer	0.00E+00	6.45E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.45E-05	0.00E+00	6.45E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4780	ALL	653535.3	4186599	NonCancer	0.00E+00	6.85E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.85E-05	0.00E+00	6.85E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
4781	ALL	653574.4	4186584	NonCancer	0.00E+00	6.40E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.40E-05	0.00E+00	6.40E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
4782	ALL	653613.4	4186569	NonCancer	0.00E+00	6.44E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.44E-05	0.00E+00	6.44E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
4783	ALL	653652.4	4186554	NonCancer	0.00E+00	6.18E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
4784	ALL	653691.5	4186540	NonCancer	0.00E+00	6.40E-05	1.68E-03	0.00E+00	0.00E+00	1.68E-03	6.40E-05	0.00E+00	6.40E-05	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	1.68E-03
4785	ALL	652344.8	4187836	NonCancer	0.00E+00	6.68E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
4786	ALL	652343	4187878	NonCancer	0.00E+00	6.77E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.77E-05	0.00E+00	6.77E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
4787	ALL	652341.2	4187920	NonCancer	0.00E+00	6.42E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.42E-05	0.00E+00	6.42E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4788	ALL	652104.7	4187786	NonCancer	0.00E+00	5.46E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
4789	ALL	652122.2	4187748	NonCancer	0.00E+00	5.40E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.40E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
4790	ALL	652139.7	4187710	NonCancer	0.00E+00	5.63E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.63E-05	0.00E+00	5.63E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
4791	ALL	652157.2	4187672	NonCancer	0.00E+00	5.19E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4792	ALL	652174.7	4187634	NonCancer	0.00E+00	5.72E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.72E-05	0.00E+00	5.72E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
4793	ALL	652192.3	4187596	NonCancer	0.00E+00	5.65E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.65E-05	0.00E+00	5.65E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4794	ALL	652209.8	4187558	NonCancer	0.00E+00	5.81E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.81E-05	0.00E+00	5.81E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
4795	ALL	652227.3	4187520	NonCancer	0.00E+00	6.22E-05	1.57E-03	0.00E+00	0.00E+00	1.57E-03	6.22E-05	0.00E+00	6.22E-05	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	1.57E-03
4796	ALL	652244.8	4187482	NonCancer	0.00E+00	6.01E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.01E-05	0.00E+00	6.01E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
4797	ALL	652262.3	4187444	NonCancer	0.00E+00	5.92E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
4798	ALL	652279.8	4187406	NonCancer	0.00E+00	5.73E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.73E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
4799	ALL	652297.3	4187368	NonCancer	0.00E+00	5.85E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03

4800	ALL	652314.8	4187330	NonCancer	0.00E+00	5.92E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
4801	ALL	652332.3	4187292	NonCancer	0.00E+00	5.86E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
4802	ALL	652349.8	4187254	NonCancer	0.00E+00	5.70E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
4803	ALL	652367.3	4187216	NonCancer	0.00E+00	5.77E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.77E-05	0.00E+00	5.77E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
4804	ALL	652384.8	4187178	NonCancer	0.00E+00	5.89E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.89E-05	0.00E+00	5.89E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
4805	ALL	652402.3	4187140	NonCancer	0.00E+00	5.41E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
4806	ALL	652419.8	4187102	NonCancer	0.00E+00	5.31E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4807	ALL	652437.3	4187064	NonCancer	0.00E+00	5.34E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
4808	ALL	652454.8	4187027	NonCancer	0.00E+00	5.37E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.37E-05	0.00E+00	5.37E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
4809	ALL	652472.3	4186989	NonCancer	0.00E+00	5.22E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4810	ALL	652489.8	4186951	NonCancer	0.00E+00	5.30E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4811	ALL	652507.3	4186913	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4812	ALL	652524.8	4186875	NonCancer	0.00E+00	5.18E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4813	ALL	652542.3	4186837	NonCancer	0.00E+00	5.09E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
4814	ALL	652559.8	4186799	NonCancer	0.00E+00	5.01E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.01E-05	0.00E+00	5.01E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
4815	ALL	652577.3	4186761	NonCancer	0.00E+00	4.97E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
4816	ALL	652594.8	4186723	NonCancer	0.00E+00	4.88E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
4817	ALL	652623.1	4186696	NonCancer	0.00E+00	4.83E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.83E-05	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4818	ALL	652662.2	4186682	NonCancer	0.00E+00	4.88E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4819	ALL	652701.3	4186667	NonCancer	0.00E+00	4.76E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.76E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4820	ALL	652740.4	4186652	NonCancer	0.00E+00	4.92E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.92E-05	0.00E+00	4.92E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
4821	ALL	652779.5	4186637	NonCancer	0.00E+00	5.11E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.11E-05	0.00E+00	5.11E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4822	ALL	652818.5	4186623	NonCancer	0.00E+00	5.16E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
4823	ALL	652857.6	4186608	NonCancer	0.00E+00	5.15E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
4824	ALL	652896.7	4186593	NonCancer	0.00E+00	5.17E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
4825	ALL	652935.8	4186578	NonCancer	0.00E+00	5.23E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.23E-05	0.00E+00	5.23E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4826	ALL	652974.9	4186563	NonCancer	0.00E+00	5.20E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.20E-05	0.00E+00	5.20E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4827	ALL	653014	4186549	NonCancer	0.00E+00	6.10E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.10E-05	0.00E+00	6.10E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
4828	ALL	653053.1	4186534	NonCancer	0.00E+00	6.35E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.35E-05	0.00E+00	6.35E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
4829	ALL	653092.2	4186519	NonCancer	0.00E+00	5.55E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.55E-05	0.00E+00	5.55E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
4830	ALL	653131.3	4186504	NonCancer	0.00E+00	5.47E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.47E-05	0.00E+00	5.47E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
4831	ALL	653170.4	4186489	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4832	ALL	653209.5	4186475	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4833	ALL	653248.6	4186460	NonCancer	0.00E+00	5.28E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4834	ALL	653287.6	4186445	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4835	ALL	653326.7	4186430	NonCancer	0.00E+00	5.30E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4836	ALL	653365.8	4186415	NonCancer	0.00E+00	5.26E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4837	ALL	653404.9	4186401	NonCancer	0.00E+00	5.28E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4838	ALL	653444	4186386	NonCancer	0.00E+00	5.16E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4839	ALL	653483.1	4186371	NonCancer	0.00E+00	5.42E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.42E-05	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
4840	ALL	653522.2	4186356	NonCancer	0.00E+00	5.43E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
4841	ALL	653561.3	4186341	NonCancer	0.00E+00	5.09E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4842	ALL	653600.4	4186327	NonCancer	0.00E+00	5.15E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4843	ALL	653639.5	4186312	NonCancer	0.00E+00	4.93E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
4844	ALL	653678.6	4186297	NonCancer	0.00E+00	4.88E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
4845	ALL	652095.1	4187826	NonCancer	0.00E+00	5.25E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.25E-05	0.00E+00	5.25E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4846	ALL	652093.3	4187867	NonCancer	0.00E+00	5.43E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
4847	ALL	652091.4	4187909	NonCancer	0.00E+00	5.14E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.14E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4848	ALL	651854.9	4187775	NonCancer	0.00E+00	4.48E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
4849	ALL	651872.1	4187738	NonCancer	0.00E+00	4.51E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03

4850	ALL	651889.4	4187700	NonCancer	0.00E+00	4.50E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4851	ALL	651906.6	4187663	NonCancer	0.00E+00	4.61E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.61E-05	0.00E+00	4.61E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4852	ALL	651923.9	4187625	NonCancer	0.00E+00	4.25E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4853	ALL	651941.2	4187588	NonCancer	0.00E+00	4.71E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.71E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
4854	ALL	651958.4	4187550	NonCancer	0.00E+00	4.52E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.52E-05	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
4855	ALL	651975.7	4187513	NonCancer	0.00E+00	4.73E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4856	ALL	651992.9	4187476	NonCancer	0.00E+00	5.10E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.10E-05	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4857	ALL	652010.2	4187438	NonCancer	0.00E+00	5.73E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.73E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4858	ALL	652027.5	4187401	NonCancer	0.00E+00	5.12E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.12E-05	0.00E+00	5.12E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4859	ALL	652044.7	4187363	NonCancer	0.00E+00	4.90E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
4860	ALL	652062	4187326	NonCancer	0.00E+00	4.74E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.74E-05	0.00E+00	4.74E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
4861	ALL	652079.2	4187288	NonCancer	0.00E+00	4.72E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.72E-05	0.00E+00	4.72E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4862	ALL	652096.5	4187251	NonCancer	0.00E+00	4.83E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.83E-05	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4863	ALL	652113.8	4187214	NonCancer	0.00E+00	4.87E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.87E-05	0.00E+00	4.87E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
4864	ALL	652131	4187176	NonCancer	0.00E+00	4.86E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4865	ALL	652148.3	4187139	NonCancer	0.00E+00	4.81E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
4866	ALL	652165.5	4187101	NonCancer	0.00E+00	4.70E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.70E-05	0.00E+00	4.70E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
4867	ALL	652182.8	4187064	NonCancer	0.00E+00	4.87E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.87E-05	0.00E+00	4.87E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4868	ALL	652200.1	4187026	NonCancer	0.00E+00	4.54E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.54E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4869	ALL	652217.3	4186989	NonCancer	0.00E+00	4.38E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4870	ALL	652234.6	4186952	NonCancer	0.00E+00	4.44E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4871	ALL	652251.8	4186914	NonCancer	0.00E+00	4.38E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4872	ALL	652269.1	4186877	NonCancer	0.00E+00	4.39E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4873	ALL	652286.4	4186839	NonCancer	0.00E+00	4.28E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4874	ALL	652303.6	4186802	NonCancer	0.00E+00	4.38E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4875	ALL	652320.9	4186764	NonCancer	0.00E+00	4.31E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4876	ALL	652338.1	4186727	NonCancer	0.00E+00	4.23E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4877	ALL	652355.4	4186689	NonCancer	0.00E+00	4.24E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.24E-05	0.00E+00	4.24E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4878	ALL	652372.7	4186652	NonCancer	0.00E+00	4.20E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4879	ALL	652389.9	4186615	NonCancer	0.00E+00	4.13E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.13E-05	0.00E+00	4.13E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
4880	ALL	652407.2	4186577	NonCancer	0.00E+00	4.08E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
4881	ALL	652424.5	4186540	NonCancer	0.00E+00	4.03E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
4882	ALL	652452.4	4186514	NonCancer	0.00E+00	4.00E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4883	ALL	652490.9	4186499	NonCancer	0.00E+00	4.00E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4884	ALL	652529.5	4186485	NonCancer	0.00E+00	3.95E-05	9.99E-04	0.00E+00	0.00E+00	9.99E-04	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	9.99E-04
4885	ALL	652568	4186470	NonCancer	0.00E+00	3.87E-05	9.91E-04	0.00E+00	0.00E+00	9.91E-04	3.87E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	9.91E-04	0.00E+00	0.00E+00	9.91E-04
4886	ALL	652606.6	4186455	NonCancer	0.00E+00	4.08E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
4887	ALL	652645.1	4186441	NonCancer	0.00E+00	4.20E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4888	ALL	652683.7	4186426	NonCancer	0.00E+00	4.26E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4889	ALL	652722.2	4186412	NonCancer	0.00E+00	4.26E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4890	ALL	652760.8	4186397	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4891	ALL	652799.3	4186382	NonCancer	0.00E+00	4.27E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4892	ALL	652837.9	4186368	NonCancer	0.00E+00	4.27E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4893	ALL	652876.4	4186353	NonCancer	0.00E+00	4.43E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.43E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
4894	ALL	652915	4186339	NonCancer	0.00E+00	5.67E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4895	ALL	652953.5	4186324	NonCancer	0.00E+00	5.76E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.76E-05	0.00E+00	5.76E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4896	ALL	652992.1	4186309	NonCancer	0.00E+00	4.60E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4897	ALL	653030.7	4186295	NonCancer	0.00E+00	4.39E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4898	ALL	653069.2	4186280	NonCancer	0.00E+00	4.51E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
4899	ALL	653107.8	4186266	NonCancer	0.00E+00	4.10E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03

4900	ALL	653146.3	4186251	NonCancer	0.00E+00	4.35E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4901	ALL	653184.9	4186237	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4902	ALL	653223.4	4186222	NonCancer	0.00E+00	4.32E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4903	ALL	653262	4186207	NonCancer	0.00E+00	4.40E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.40E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4904	ALL	653300.5	4186193	NonCancer	0.00E+00	4.44E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4905	ALL	653339.1	4186178	NonCancer	0.00E+00	4.32E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4906	ALL	653377.6	4186164	NonCancer	0.00E+00	4.31E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4907	ALL	653416.2	4186149	NonCancer	0.00E+00	4.28E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4908	ALL	653454.7	4186134	NonCancer	0.00E+00	4.47E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4909	ALL	653493.3	4186120	NonCancer	0.00E+00	4.46E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.46E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4910	ALL	653531.8	4186105	NonCancer	0.00E+00	4.21E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4911	ALL	653570.4	4186091	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4912	ALL	653608.9	4186076	NonCancer	0.00E+00	4.17E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.17E-05	0.00E+00	4.17E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
4913	ALL	653647.5	4186061	NonCancer	0.00E+00	3.82E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
4914	ALL	653686.1	4186047	NonCancer	0.00E+00	4.35E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4915	ALL	651845.3	4187815	NonCancer	0.00E+00	4.31E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4916	ALL	651843.5	4187856	NonCancer	0.00E+00	4.48E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
4917	ALL	651841.7	4187898	NonCancer	0.00E+00	4.23E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4918	ALL	651355.4	4187753	NonCancer	0.00E+00	3.13E-05	7.99E-04	0.00E+00	0.00E+00	7.99E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	7.99E-04
4919	ALL	651372.7	4187716	NonCancer	0.00E+00	3.26E-05	8.28E-04	0.00E+00	0.00E+00	8.28E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	8.28E-04
4920	ALL	651390	4187678	NonCancer	0.00E+00	3.27E-05	8.29E-04	0.00E+00	0.00E+00	8.29E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	8.29E-04
4921	ALL	651407.4	4187640	NonCancer	0.00E+00	3.25E-05	8.29E-04	0.00E+00	0.00E+00	8.29E-04	3.25E-05	0.00E+00	3.25E-05	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	8.29E-04
4922	ALL	651424.7	4187603	NonCancer	0.00E+00	3.35E-05	8.52E-04	0.00E+00	0.00E+00	8.52E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	8.52E-04
4923	ALL	651442.1	4187565	NonCancer	0.00E+00	3.20E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
4924	ALL	651459.4	4187528	NonCancer	0.00E+00	3.12E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
4925	ALL	651476.7	4187490	NonCancer	0.00E+00	3.41E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
4926	ALL	651494.1	4187452	NonCancer	0.00E+00	3.27E-05	8.36E-04	0.00E+00	0.00E+00	8.36E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	8.36E-04
4927	ALL	651511.4	4187415	NonCancer	0.00E+00	3.45E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
4928	ALL	651528.7	4187377	NonCancer	0.00E+00	3.54E-05	9.33E-04	0.00E+00	0.00E+00	9.33E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	9.33E-04
4929	ALL	651546.1	4187340	NonCancer	0.00E+00	4.40E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.40E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4930	ALL	651563.4	4187302	NonCancer	0.00E+00	4.81E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4931	ALL	651580.7	4187264	NonCancer	0.00E+00	4.43E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.43E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4932	ALL	651598.1	4187227	NonCancer	0.00E+00	3.54E-05	9.07E-04	0.00E+00	0.00E+00	9.07E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	9.07E-04
4933	ALL	651615.4	4187189	NonCancer	0.00E+00	3.57E-05	9.08E-04	0.00E+00	0.00E+00	9.08E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	9.08E-04
4934	ALL	651632.8	4187152	NonCancer	0.00E+00	3.31E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
4935	ALL	651650.1	4187114	NonCancer	0.00E+00	3.39E-05	8.70E-04	0.00E+00	0.00E+00	8.70E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	8.70E-04
4936	ALL	651667.4	4187076	NonCancer	0.00E+00	3.53E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
4937	ALL	651684.8	4187039	NonCancer	0.00E+00	3.52E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
4938	ALL	651702.1	4187001	NonCancer	0.00E+00	3.50E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
4939	ALL	651719.4	4186964	NonCancer	0.00E+00	3.49E-05	8.86E-04	0.00E+00	0.00E+00	8.86E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	8.86E-04
4940	ALL	651736.8	4186926	NonCancer	0.00E+00	3.47E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
4941	ALL	651754.1	4186888	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
4942	ALL	651771.4	4186851	NonCancer	0.00E+00	3.51E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
4943	ALL	651788.8	4186813	NonCancer	0.00E+00	3.44E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
4944	ALL	651806.1	4186776	NonCancer	0.00E+00	3.23E-05	8.22E-04	0.00E+00	0.00E+00	8.22E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	8.22E-04
4945	ALL	651823.5	4186738	NonCancer	0.00E+00	3.17E-05	8.07E-04	0.00E+00	0.00E+00	8.07E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	8.07E-04
4946	ALL	651840.8	4186700	NonCancer	0.00E+00	3.20E-05	8.14E-04	0.00E+00	0.00E+00	8.14E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	8.14E-04
4947	ALL	651858.1	4186663	NonCancer	0.00E+00	3.19E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
4948	ALL	651875.5	4186625	NonCancer	0.00E+00	3.21E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
4949	ALL	651892.8	4186588	NonCancer	0.00E+00	3.20E-05	8.11E-04	0.00E+00	0.00E+00	8.11E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	8.11E-04

4950	ALL	651910.1	4186550	NonCancer	0.00E+00	3.10E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
4951	ALL	651927.5	4186512	NonCancer	0.00E+00	3.17E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
4952	ALL	651944.8	4186475	NonCancer	0.00E+00	3.14E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
4953	ALL	651962.1	4186437	NonCancer	0.00E+00	3.11E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
4954	ALL	651979.5	4186400	NonCancer	0.00E+00	3.08E-05	7.84E-04	0.00E+00	0.00E+00	7.84E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	7.84E-04
4955	ALL	651996.8	4186362	NonCancer	0.00E+00	3.07E-05	7.79E-04	0.00E+00	0.00E+00	7.79E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	7.79E-04
4956	ALL	652014.2	4186324	NonCancer	0.00E+00	3.03E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
4957	ALL	652031.5	4186287	NonCancer	0.00E+00	2.97E-05	7.56E-04	0.00E+00	0.00E+00	7.56E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	7.56E-04
4958	ALL	652048.8	4186249	NonCancer	0.00E+00	2.94E-05	7.48E-04	0.00E+00	0.00E+00	7.48E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	7.48E-04
4959	ALL	652066.2	4186212	NonCancer	0.00E+00	2.93E-05	7.46E-04	0.00E+00	0.00E+00	7.46E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
4960	ALL	652083.5	4186174	NonCancer	0.00E+00	2.93E-05	7.46E-04	0.00E+00	0.00E+00	7.46E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
4961	ALL	652111.5	4186148	NonCancer	0.00E+00	2.94E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
4962	ALL	652150.2	4186133	NonCancer	0.00E+00	2.93E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
4963	ALL	652189	4186119	NonCancer	0.00E+00	3.09E-05	7.76E-04	0.00E+00	0.00E+00	7.76E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	7.76E-04
4964	ALL	652227.7	4186104	NonCancer	0.00E+00	2.90E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
4965	ALL	652266.4	4186089	NonCancer	0.00E+00	3.11E-05	7.80E-04	0.00E+00	0.00E+00	7.80E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	7.80E-04
4966	ALL	652305.1	4186075	NonCancer	0.00E+00	2.97E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04
4967	ALL	652343.9	4186060	NonCancer	0.00E+00	3.07E-05	7.81E-04	0.00E+00	0.00E+00	7.81E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	7.81E-04
4968	ALL	652382.6	4186045	NonCancer	0.00E+00	3.11E-05	7.89E-04	0.00E+00	0.00E+00	7.89E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	7.89E-04
4969	ALL	652421.3	4186031	NonCancer	0.00E+00	3.12E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
4970	ALL	652460	4186016	NonCancer	0.00E+00	3.10E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
4971	ALL	652498.8	4186001	NonCancer	0.00E+00	3.15E-05	7.98E-04	0.00E+00	0.00E+00	7.98E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	7.98E-04
4972	ALL	652537.5	4185987	NonCancer	0.00E+00	3.12E-05	7.92E-04	0.00E+00	0.00E+00	7.92E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	7.92E-04
4973	ALL	652576.2	4185972	NonCancer	0.00E+00	3.15E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
4974	ALL	652614.9	4185957	NonCancer	0.00E+00	3.09E-05	8.20E-04	0.00E+00	0.00E+00	8.20E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	8.20E-04
4975	ALL	652653.6	4185943	NonCancer	0.00E+00	3.44E-05	9.28E-04	0.00E+00	0.00E+00	9.28E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	9.28E-04
4976	ALL	652692.4	4185928	NonCancer	0.00E+00	4.53E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
4977	ALL	652731.1	4185913	NonCancer	0.00E+00	5.00E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	5.00E-05	0.00E+00	5.00E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
4978	ALL	652769.8	4185899	NonCancer	0.00E+00	4.60E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4979	ALL	652808.5	4185884	NonCancer	0.00E+00	3.52E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
4980	ALL	652847.3	4185870	NonCancer	0.00E+00	3.20E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
4981	ALL	652886	4185855	NonCancer	0.00E+00	3.33E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
4982	ALL	652924.7	4185840	NonCancer	0.00E+00	3.07E-05	7.80E-04	0.00E+00	0.00E+00	7.80E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	7.80E-04
4983	ALL	652963.4	4185826	NonCancer	0.00E+00	3.04E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.04E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
4984	ALL	653002.1	4185811	NonCancer	0.00E+00	3.16E-05	8.02E-04	0.00E+00	0.00E+00	8.02E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
4985	ALL	653040.9	4185796	NonCancer	0.00E+00	3.17E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
4986	ALL	653079.6	4185782	NonCancer	0.00E+00	3.17E-05	8.04E-04	0.00E+00	0.00E+00	8.04E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.04E-04
4987	ALL	653118.3	4185767	NonCancer	0.00E+00	3.15E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
4988	ALL	653157	4185752	NonCancer	0.00E+00	3.17E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
4989	ALL	653195.8	4185738	NonCancer	0.00E+00	3.21E-05	8.13E-04	0.00E+00	0.00E+00	8.13E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.13E-04
4990	ALL	653234.5	4185723	NonCancer	0.00E+00	3.14E-05	7.99E-04	0.00E+00	0.00E+00	7.99E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	7.99E-04
4991	ALL	653273.2	4185708	NonCancer	0.00E+00	3.14E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
4992	ALL	653311.9	4185694	NonCancer	0.00E+00	3.10E-05	7.92E-04	0.00E+00	0.00E+00	7.92E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	7.92E-04
4993	ALL	653350.7	4185679	NonCancer	0.00E+00	3.21E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
4994	ALL	653389.4	4185664	NonCancer	0.00E+00	3.26E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
4995	ALL	653428.1	4185650	NonCancer	0.00E+00	3.24E-05	8.25E-04	0.00E+00	0.00E+00	8.25E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	8.25E-04
4996	ALL	653466.8	4185635	NonCancer	0.00E+00	3.07E-05	7.80E-04	0.00E+00	0.00E+00	7.80E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	7.80E-04
4997	ALL	653505.5	4185620	NonCancer	0.00E+00	3.07E-05	7.82E-04	0.00E+00	0.00E+00	7.82E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	7.82E-04
4998	ALL	653544.3	4185606	NonCancer	0.00E+00	3.08E-05	7.81E-04	0.00E+00	0.00E+00	7.81E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	7.81E-04
4999	ALL	653583	4185591	NonCancer	0.00E+00	3.01E-05	7.59E-04	0.00E+00	0.00E+00	7.59E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.59E-04	0.00E+00	0.00E+00	7.59E-04

5000	ALL	653621.7	4185576	NonCancer	0.00E+00	2.78E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
5001	ALL	653660.4	4185562	NonCancer	0.00E+00	2.89E-05	7.65E-04	0.00E+00	0.00E+00	7.65E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	7.65E-04
5002	ALL	653699.2	4185547	NonCancer	0.00E+00	3.40E-05	8.74E-04	0.00E+00	0.00E+00	8.74E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	8.74E-04
5003	ALL	651345.8	4187793	NonCancer	0.00E+00	3.16E-05	8.01E-04	0.00E+00	0.00E+00	8.01E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	8.01E-04
5004	ALL	651344	4187835	NonCancer	0.00E+00	3.24E-05	8.21E-04	0.00E+00	0.00E+00	8.21E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	8.21E-04
5005	ALL	651342.2	4187876	NonCancer	0.00E+00	3.06E-05	7.85E-04	0.00E+00	0.00E+00	7.85E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	7.85E-04
5006	ALL	650855.9	4187731	NonCancer	0.00E+00	2.36E-05	6.01E-04	0.00E+00	0.00E+00	6.01E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	6.01E-04
5007	ALL	650873.3	4187694	NonCancer	0.00E+00	2.42E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
5008	ALL	650890.6	4187656	NonCancer	0.00E+00	2.49E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5009	ALL	650908	4187618	NonCancer	0.00E+00	2.51E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
5010	ALL	650925.4	4187581	NonCancer	0.00E+00	2.48E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5011	ALL	650942.8	4187543	NonCancer	0.00E+00	2.54E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
5012	ALL	650960.2	4187505	NonCancer	0.00E+00	2.55E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
5013	ALL	650977.6	4187467	NonCancer	0.00E+00	2.37E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
5014	ALL	650995	4187430	NonCancer	0.00E+00	2.44E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
5015	ALL	651012.3	4187392	NonCancer	0.00E+00	2.62E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
5016	ALL	651029.7	4187354	NonCancer	0.00E+00	2.53E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
5017	ALL	651047.1	4187317	NonCancer	0.00E+00	2.61E-05	6.69E-04	0.00E+00	0.00E+00	6.69E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.69E-04
5018	ALL	651064.5	4187279	NonCancer	0.00E+00	2.67E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
5019	ALL	651081.9	4187241	NonCancer	0.00E+00	3.20E-05	8.42E-04	0.00E+00	0.00E+00	8.42E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	8.42E-04
5020	ALL	651099.3	4187203	NonCancer	0.00E+00	3.88E-05	9.92E-04	0.00E+00	0.00E+00	9.92E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	9.92E-04
5021	ALL	651116.7	4187166	NonCancer	0.00E+00	4.17E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.17E-05	0.00E+00	4.17E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5022	ALL	651134	4187128	NonCancer	0.00E+00	3.91E-05	9.84E-04	0.00E+00	0.00E+00	9.84E-04	3.91E-05	0.00E+00	3.91E-05	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	9.84E-04
5023	ALL	651151.4	4187090	NonCancer	0.00E+00	3.21E-05	8.20E-04	0.00E+00	0.00E+00	8.20E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	8.20E-04
5024	ALL	651168.8	4187053	NonCancer	0.00E+00	2.71E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
5025	ALL	651186.2	4187015	NonCancer	0.00E+00	2.71E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
5026	ALL	651203.6	4186977	NonCancer	0.00E+00	2.45E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5027	ALL	651221	4186940	NonCancer	0.00E+00	2.59E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5028	ALL	651238.4	4186902	NonCancer	0.00E+00	2.71E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5029	ALL	651255.7	4186864	NonCancer	0.00E+00	2.71E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5030	ALL	651273.1	4186826	NonCancer	0.00E+00	2.70E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
5031	ALL	651290.5	4186789	NonCancer	0.00E+00	2.69E-05	6.85E-04	0.00E+00	0.00E+00	6.85E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.85E-04	0.00E+00	0.00E+00	6.85E-04
5032	ALL	651307.9	4186751	NonCancer	0.00E+00	2.65E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
5033	ALL	651325.3	4186713	NonCancer	0.00E+00	2.65E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
5034	ALL	651342.7	4186676	NonCancer	0.00E+00	2.68E-05	6.80E-04	0.00E+00	0.00E+00	6.80E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	6.80E-04
5035	ALL	651360.1	4186638	NonCancer	0.00E+00	2.60E-05	6.67E-04	0.00E+00	0.00E+00	6.67E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.67E-04
5036	ALL	651377.4	4186600	NonCancer	0.00E+00	2.72E-05	6.90E-04	0.00E+00	0.00E+00	6.90E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	6.90E-04
5037	ALL	651394.8	4186562	NonCancer	0.00E+00	2.56E-05	6.49E-04	0.00E+00	0.00E+00	6.49E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	6.49E-04
5038	ALL	651412.2	4186525	NonCancer	0.00E+00	2.49E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5039	ALL	651429.6	4186487	NonCancer	0.00E+00	2.43E-05	6.18E-04	0.00E+00	0.00E+00	6.18E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	6.18E-04
5040	ALL	651447	4186449	NonCancer	0.00E+00	2.44E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
5041	ALL	651464.4	4186412	NonCancer	0.00E+00	2.45E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
5042	ALL	651481.8	4186374	NonCancer	0.00E+00	2.45E-05	6.24E-04	0.00E+00	0.00E+00	6.24E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	6.24E-04
5043	ALL	651499.2	4186336	NonCancer	0.00E+00	2.48E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
5044	ALL	651516.5	4186299	NonCancer	0.00E+00	2.46E-05	6.24E-04	0.00E+00	0.00E+00	6.24E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	6.24E-04
5045	ALL	651533.9	4186261	NonCancer	0.00E+00	2.37E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
5046	ALL	651551.3	4186223	NonCancer	0.00E+00	2.42E-05	6.15E-04	0.00E+00	0.00E+00	6.15E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	6.15E-04
5047	ALL	651568.7	4186185	NonCancer	0.00E+00	2.41E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
5048	ALL	651586.1	4186148	NonCancer	0.00E+00	2.41E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
5049	ALL	651603.5	4186110	NonCancer	0.00E+00	2.40E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04

5050	ALL	651620.9	4186072	NonCancer	0.00E+00	2.37E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
5051	ALL	651638.2	4186035	NonCancer	0.00E+00	2.35E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
5052	ALL	651655.6	4185997	NonCancer	0.00E+00	2.33E-05	5.92E-04	0.00E+00	0.00E+00	5.92E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	5.92E-04
5053	ALL	651673	4185959	NonCancer	0.00E+00	2.32E-05	5.89E-04	0.00E+00	0.00E+00	5.89E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	5.89E-04
5054	ALL	651690.4	4185921	NonCancer	0.00E+00	2.30E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
5055	ALL	651707.8	4185884	NonCancer	0.00E+00	2.27E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
5056	ALL	651725.2	4185846	NonCancer	0.00E+00	2.24E-05	5.71E-04	0.00E+00	0.00E+00	5.71E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	5.71E-04
5057	ALL	651742.6	4185808	NonCancer	0.00E+00	2.26E-05	5.74E-04	0.00E+00	0.00E+00	5.74E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	5.74E-04
5058	ALL	651770.7	4185782	NonCancer	0.00E+00	2.27E-05	5.77E-04	0.00E+00	0.00E+00	5.77E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	5.77E-04
5059	ALL	651809.5	4185767	NonCancer	0.00E+00	2.26E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
5060	ALL	651848.3	4185753	NonCancer	0.00E+00	2.60E-05	6.59E-04	0.00E+00	0.00E+00	6.59E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
5061	ALL	651887.2	4185738	NonCancer	0.00E+00	2.64E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
5062	ALL	651926	4185723	NonCancer	0.00E+00	2.47E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5063	ALL	651964.8	4185709	NonCancer	0.00E+00	2.67E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
5064	ALL	652003.7	4185694	NonCancer	0.00E+00	2.56E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5065	ALL	652042.5	4185679	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
5066	ALL	652081.3	4185665	NonCancer	0.00E+00	2.36E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04
5067	ALL	652120.2	4185650	NonCancer	0.00E+00	2.40E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
5068	ALL	652159	4185635	NonCancer	0.00E+00	2.41E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
5069	ALL	652197.8	4185621	NonCancer	0.00E+00	2.38E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
5070	ALL	652236.7	4185606	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
5071	ALL	652275.5	4185591	NonCancer	0.00E+00	2.41E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
5072	ALL	652314.3	4185576	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
5073	ALL	652353.2	4185562	NonCancer	0.00E+00	2.44E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
5074	ALL	652392	4185547	NonCancer	0.00E+00	2.36E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
5075	ALL	652430.8	4185532	NonCancer	0.00E+00	2.74E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
5076	ALL	652469.7	4185518	NonCancer	0.00E+00	3.63E-05	9.45E-04	0.00E+00	0.00E+00	9.45E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
5077	ALL	652508.5	4185503	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
5078	ALL	652547.3	4185488	NonCancer	0.00E+00	4.25E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
5079	ALL	652586.2	4185474	NonCancer	0.00E+00	3.71E-05	9.34E-04	0.00E+00	0.00E+00	9.34E-04	3.71E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	9.34E-04
5080	ALL	652625	4185459	NonCancer	0.00E+00	2.81E-05	7.21E-04	0.00E+00	0.00E+00	7.21E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	7.21E-04
5081	ALL	652663.8	4185444	NonCancer	0.00E+00	2.47E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
5082	ALL	652702.7	4185429	NonCancer	0.00E+00	2.57E-05	6.51E-04	0.00E+00	0.00E+00	6.51E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	6.51E-04
5083	ALL	652741.5	4185415	NonCancer	0.00E+00	2.47E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5084	ALL	652780.3	4185400	NonCancer	0.00E+00	2.28E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
5085	ALL	652819.2	4185385	NonCancer	0.00E+00	2.39E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
5086	ALL	652858	4185371	NonCancer	0.00E+00	2.42E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
5087	ALL	652896.8	4185356	NonCancer	0.00E+00	2.45E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
5088	ALL	652935.7	4185341	NonCancer	0.00E+00	2.46E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5089	ALL	652974.5	4185327	NonCancer	0.00E+00	2.45E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
5090	ALL	653013.3	4185312	NonCancer	0.00E+00	2.46E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
5091	ALL	653052.2	4185297	NonCancer	0.00E+00	2.49E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5092	ALL	653091	4185283	NonCancer	0.00E+00	2.45E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5093	ALL	653129.8	4185268	NonCancer	0.00E+00	2.43E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
5094	ALL	653168.7	4185253	NonCancer	0.00E+00	2.49E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
5095	ALL	653207.5	4185238	NonCancer	0.00E+00	2.67E-05	6.69E-04	0.00E+00	0.00E+00	6.69E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.69E-04
5096	ALL	653246.3	4185224	NonCancer	0.00E+00	2.43E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
5097	ALL	653285.2	4185209	NonCancer	0.00E+00	2.51E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5098	ALL	653324	4185194	NonCancer	0.00E+00	2.51E-05	6.43E-04	0.00E+00	0.00E+00	6.43E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	6.43E-04
5099	ALL	653362.8	4185180	NonCancer	0.00E+00	2.50E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04

5100	ALL	653401.7	4185165	NonCancer	0.00E+00	2.38E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
5101	ALL	653440.5	4185150	NonCancer	0.00E+00	2.37E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
5102	ALL	653479.3	4185136	NonCancer	0.00E+00	2.40E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
5103	ALL	653518.2	4185121	NonCancer	0.00E+00	2.34E-05	5.94E-04	0.00E+00	0.00E+00	5.94E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04
5104	ALL	653557	4185106	NonCancer	0.00E+00	2.31E-05	5.82E-04	0.00E+00	0.00E+00	5.82E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	5.82E-04
5105	ALL	653595.8	4185091	NonCancer	0.00E+00	2.14E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
5106	ALL	653634.7	4185077	NonCancer	0.00E+00	2.12E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
5107	ALL	653673.5	4185062	NonCancer	0.00E+00	2.47E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5108	ALL	653712.3	4185047	NonCancer	0.00E+00	2.71E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
5109	ALL	650846.3	4187771	NonCancer	0.00E+00	2.42E-05	6.14E-04	0.00E+00	0.00E+00	6.14E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	6.14E-04
5110	ALL	650844.4	4187813	NonCancer	0.00E+00	2.48E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
5111	ALL	650842.6	4187855	NonCancer	0.00E+00	2.35E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
5112	ALL	650356.4	4187710	NonCancer	0.00E+00	1.92E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5113	ALL	650373.8	4187672	NonCancer	0.00E+00	1.92E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
5114	ALL	650391.2	4187634	NonCancer	0.00E+00	1.98E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
5115	ALL	650408.6	4187596	NonCancer	0.00E+00	1.99E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5116	ALL	650426	4187558	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
5117	ALL	650443.5	4187521	NonCancer	0.00E+00	1.97E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
5118	ALL	650460.9	4187483	NonCancer	0.00E+00	1.99E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
5119	ALL	650478.3	4187445	NonCancer	0.00E+00	2.06E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5120	ALL	650495.7	4187407	NonCancer	0.00E+00	1.97E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
5121	ALL	650513.2	4187370	NonCancer	0.00E+00	1.87E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5122	ALL	650530.6	4187332	NonCancer	0.00E+00	1.98E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
5123	ALL	650548	4187294	NonCancer	0.00E+00	2.09E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
5124	ALL	650565.4	4187256	NonCancer	0.00E+00	2.04E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
5125	ALL	650582.8	4187218	NonCancer	0.00E+00	2.03E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
5126	ALL	650600.3	4187181	NonCancer	0.00E+00	2.16E-05	5.67E-04	0.00E+00	0.00E+00	5.67E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	5.67E-04
5127	ALL	650617.7	4187143	NonCancer	0.00E+00	2.28E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
5128	ALL	650635.1	4187105	NonCancer	0.00E+00	2.96E-05	7.71E-04	0.00E+00	0.00E+00	7.71E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	7.71E-04
5129	ALL	650652.5	4187067	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
5130	ALL	650669.9	4187029	NonCancer	0.00E+00	3.67E-05	9.24E-04	0.00E+00	0.00E+00	9.24E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	9.24E-04
5131	ALL	650687.4	4186992	NonCancer	0.00E+00	3.49E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
5132	ALL	650704.8	4186954	NonCancer	0.00E+00	2.99E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
5133	ALL	650722.2	4186916	NonCancer	0.00E+00	2.31E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
5134	ALL	650739.6	4186878	NonCancer	0.00E+00	2.19E-05	5.57E-04	0.00E+00	0.00E+00	5.57E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	5.57E-04
5135	ALL	650757	4186841	NonCancer	0.00E+00	2.12E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
5136	ALL	650774.5	4186803	NonCancer	0.00E+00	1.94E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
5137	ALL	650791.9	4186765	NonCancer	0.00E+00	2.06E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
5138	ALL	650809.3	4186727	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5139	ALL	650826.7	4186689	NonCancer	0.00E+00	2.16E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
5140	ALL	650844.1	4186652	NonCancer	0.00E+00	2.14E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
5141	ALL	650861.6	4186614	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5142	ALL	650879	4186576	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5143	ALL	650896.4	4186538	NonCancer	0.00E+00	2.09E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
5144	ALL	650913.8	4186501	NonCancer	0.00E+00	2.12E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
5145	ALL	650931.3	4186463	NonCancer	0.00E+00	2.16E-05	5.47E-04	0.00E+00	0.00E+00	5.47E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	5.47E-04
5146	ALL	650948.7	4186425	NonCancer	0.00E+00	2.03E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
5147	ALL	650966.1	4186387	NonCancer	0.00E+00	2.16E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04
5148	ALL	650983.5	4186349	NonCancer	0.00E+00	2.14E-05	5.42E-04	0.00E+00	0.00E+00	5.42E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	5.42E-04
5149	ALL	651000.9	4186312	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04

5150	ALL	651018.4	4186274	NonCancer	0.00E+00	1.99E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5151	ALL	651035.8	4186236	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5152	ALL	651053.2	4186198	NonCancer	0.00E+00	1.94E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
5153	ALL	651070.6	4186161	NonCancer	0.00E+00	1.97E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
5154	ALL	651088	4186123	NonCancer	0.00E+00	1.96E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
5155	ALL	651105.5	4186085	NonCancer	0.00E+00	1.95E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
5156	ALL	651122.9	4186047	NonCancer	0.00E+00	1.97E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
5157	ALL	651140.3	4186009	NonCancer	0.00E+00	1.97E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
5158	ALL	651157.7	4185972	NonCancer	0.00E+00	1.89E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
5159	ALL	651175.1	4185934	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5160	ALL	651192.6	4185896	NonCancer	0.00E+00	1.95E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
5161	ALL	651210	4185858	NonCancer	0.00E+00	1.93E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
5162	ALL	651227.4	4185820	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5163	ALL	651244.8	4185783	NonCancer	0.00E+00	1.91E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5164	ALL	651262.3	4185745	NonCancer	0.00E+00	1.90E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
5165	ALL	651279.7	4185707	NonCancer	0.00E+00	1.87E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
5166	ALL	651297.1	4185669	NonCancer	0.00E+00	1.88E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
5167	ALL	651314.5	4185632	NonCancer	0.00E+00	1.87E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
5168	ALL	651331.9	4185594	NonCancer	0.00E+00	1.82E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5169	ALL	651349.4	4185556	NonCancer	0.00E+00	1.82E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5170	ALL	651366.8	4185518	NonCancer	0.00E+00	1.83E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5171	ALL	651384.2	4185480	NonCancer	0.00E+00	1.80E-05	4.58E-04	0.00E+00	0.00E+00	4.58E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
5172	ALL	651401.6	4185443	NonCancer	0.00E+00	1.81E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
5173	ALL	651429.8	4185416	NonCancer	0.00E+00	1.82E-05	4.65E-04	0.00E+00	0.00E+00	4.65E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	4.65E-04
5174	ALL	651468.7	4185402	NonCancer	0.00E+00	1.82E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5175	ALL	651507.6	4185387	NonCancer	0.00E+00	2.15E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
5176	ALL	651546.5	4185372	NonCancer	0.00E+00	2.38E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04
5177	ALL	651585.4	4185357	NonCancer	0.00E+00	2.30E-05	5.80E-04	0.00E+00	0.00E+00	5.80E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04
5178	ALL	651624.3	4185343	NonCancer	0.00E+00	2.22E-05	5.66E-04	0.00E+00	0.00E+00	5.66E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	5.66E-04
5179	ALL	651663.3	4185328	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
5180	ALL	651702.2	4185313	NonCancer	0.00E+00	2.31E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
5181	ALL	651741.1	4185299	NonCancer	0.00E+00	2.05E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
5182	ALL	651780	4185284	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5183	ALL	651818.9	4185269	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5184	ALL	651857.8	4185254	NonCancer	0.00E+00	1.91E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
5185	ALL	651896.7	4185240	NonCancer	0.00E+00	1.94E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
5186	ALL	651935.6	4185225	NonCancer	0.00E+00	1.90E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5187	ALL	651974.6	4185210	NonCancer	0.00E+00	1.90E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
5188	ALL	652013.5	4185196	NonCancer	0.00E+00	1.95E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
5189	ALL	652052.4	4185181	NonCancer	0.00E+00	1.93E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
5190	ALL	652091.3	4185166	NonCancer	0.00E+00	1.92E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
5191	ALL	652130.2	4185151	NonCancer	0.00E+00	1.97E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
5192	ALL	652169.1	4185137	NonCancer	0.00E+00	1.92E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5193	ALL	652208	4185122	NonCancer	0.00E+00	2.30E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5194	ALL	652246.9	4185107	NonCancer	0.00E+00	3.06E-05	8.04E-04	0.00E+00	0.00E+00	8.04E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.04E-04
5195	ALL	652285.8	4185092	NonCancer	0.00E+00	3.65E-05	9.30E-04	0.00E+00	0.00E+00	9.30E-04	3.65E-05	0.00E+00	3.65E-05	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.30E-04
5196	ALL	652324.8	4185078	NonCancer	0.00E+00	3.88E-05	9.74E-04	0.00E+00	0.00E+00	9.74E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	9.74E-04
5197	ALL	652363.7	4185063	NonCancer	0.00E+00	3.67E-05	9.21E-04	0.00E+00	0.00E+00	9.21E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	9.21E-04
5198	ALL	652402.6	4185048	NonCancer	0.00E+00	3.10E-05	7.85E-04	0.00E+00	0.00E+00	7.85E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	7.85E-04
5199	ALL	652441.5	4185034	NonCancer	0.00E+00	2.33E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04

5200	ALL	652480.4	4185019	NonCancer	0.00E+00	1.98E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
5201	ALL	652519.3	4185004	NonCancer	0.00E+00	2.05E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
5202	ALL	652558.2	4184989	NonCancer	0.00E+00	2.03E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
5203	ALL	652597.1	4184975	NonCancer	0.00E+00	1.84E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
5204	ALL	652636	4184960	NonCancer	0.00E+00	1.85E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
5205	ALL	652675	4184945	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5206	ALL	652713.9	4184930	NonCancer	0.00E+00	1.93E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
5207	ALL	652752.8	4184916	NonCancer	0.00E+00	1.97E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
5208	ALL	652791.7	4184901	NonCancer	0.00E+00	1.97E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
5209	ALL	652830.6	4184886	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5210	ALL	652869.5	4184872	NonCancer	0.00E+00	1.94E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
5211	ALL	652908.4	4184857	NonCancer	0.00E+00	1.98E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
5212	ALL	652947.3	4184842	NonCancer	0.00E+00	2.01E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
5213	ALL	652986.3	4184827	NonCancer	0.00E+00	1.95E-05	4.97E-04	0.00E+00	0.00E+00	4.97E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	4.97E-04
5214	ALL	653025.2	4184813	NonCancer	0.00E+00	1.97E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
5215	ALL	653064.1	4184798	NonCancer	0.00E+00	2.14E-05	5.52E-04	0.00E+00	0.00E+00	5.52E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	5.52E-04
5216	ALL	653103	4184783	NonCancer	0.00E+00	2.39E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
5217	ALL	653141.9	4184768	NonCancer	0.00E+00	2.33E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
5218	ALL	653180.8	4184754	NonCancer	0.00E+00	1.98E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5219	ALL	653219.7	4184739	NonCancer	0.00E+00	2.02E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
5220	ALL	653258.6	4184724	NonCancer	0.00E+00	2.01E-05	5.15E-04	0.00E+00	0.00E+00	5.15E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	5.15E-04
5221	ALL	653297.5	4184710	NonCancer	0.00E+00	2.00E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
5222	ALL	653336.5	4184695	NonCancer	0.00E+00	1.92E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5223	ALL	653375.4	4184680	NonCancer	0.00E+00	1.90E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
5224	ALL	653414.3	4184665	NonCancer	0.00E+00	2.04E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
5225	ALL	653453.2	4184651	NonCancer	0.00E+00	2.10E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04
5226	ALL	653492.1	4184636	NonCancer	0.00E+00	1.93E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
5227	ALL	653531	4184621	NonCancer	0.00E+00	1.84E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
5228	ALL	653569.9	4184606	NonCancer	0.00E+00	1.72E-05	4.40E-04	0.00E+00	0.00E+00	4.40E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	4.40E-04
5229	ALL	653608.8	4184592	NonCancer	0.00E+00	1.69E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
5230	ALL	653647.8	4184577	NonCancer	0.00E+00	1.84E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5231	ALL	653686.7	4184562	NonCancer	0.00E+00	2.09E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
5232	ALL	653725.6	4184548	NonCancer	0.00E+00	2.19E-05	5.57E-04	0.00E+00	0.00E+00	5.57E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	5.57E-04
5233	ALL	650346.7	4187749	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5234	ALL	650344.9	4187791	NonCancer	0.00E+00	1.98E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
5235	ALL	650343.1	4187833	NonCancer	0.00E+00	1.88E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5236	ALL	649856.8	4187688	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
5237	ALL	649874.3	4187650	NonCancer	0.00E+00	1.55E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
5238	ALL	649891.7	4187612	NonCancer	0.00E+00	1.57E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5239	ALL	649909.2	4187574	NonCancer	0.00E+00	1.64E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5240	ALL	649926.6	4187536	NonCancer	0.00E+00	1.62E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5241	ALL	649944.1	4187499	NonCancer	0.00E+00	1.65E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5242	ALL	649961.5	4187461	NonCancer	0.00E+00	1.61E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5243	ALL	649979	4187423	NonCancer	0.00E+00	1.64E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
5244	ALL	649996.4	4187385	NonCancer	0.00E+00	1.69E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
5245	ALL	650013.9	4187347	NonCancer	0.00E+00	1.67E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5246	ALL	650031.3	4187309	NonCancer	0.00E+00	1.55E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
5247	ALL	650048.8	4187272	NonCancer	0.00E+00	1.52E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
5248	ALL	650066.2	4187234	NonCancer	0.00E+00	1.64E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5249	ALL	650083.7	4187196	NonCancer	0.00E+00	1.72E-05	4.37E-04	0.00E+00	0.00E+00	4.37E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	4.37E-04

5250	ALL	650101.1	4187158	NonCancer	0.00E+00	1.69E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
5251	ALL	650118.6	4187120	NonCancer	0.00E+00	1.62E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5252	ALL	650136	4187082	NonCancer	0.00E+00	1.76E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
5253	ALL	650153.4	4187045	NonCancer	0.00E+00	1.78E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5254	ALL	650170.9	4187007	NonCancer	0.00E+00	2.21E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
5255	ALL	650188.3	4186969	NonCancer	0.00E+00	2.82E-05	7.31E-04	0.00E+00	0.00E+00	7.31E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	7.31E-04
5256	ALL	650205.8	4186931	NonCancer	0.00E+00	3.17E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
5257	ALL	650223.2	4186893	NonCancer	0.00E+00	3.28E-05	8.25E-04	0.00E+00	0.00E+00	8.25E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	8.25E-04
5258	ALL	650240.7	4186855	NonCancer	0.00E+00	3.18E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.18E-05	0.00E+00	3.18E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
5259	ALL	650258.1	4186817	NonCancer	0.00E+00	2.80E-05	7.12E-04	0.00E+00	0.00E+00	7.12E-04	2.80E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.12E-04
5260	ALL	650275.6	4186780	NonCancer	0.00E+00	2.26E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
5261	ALL	650293	4186742	NonCancer	0.00E+00	1.80E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
5262	ALL	650310.5	4186704	NonCancer	0.00E+00	1.80E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5263	ALL	650327.9	4186666	NonCancer	0.00E+00	1.70E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
5264	ALL	650345.4	4186628	NonCancer	0.00E+00	1.61E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5265	ALL	650362.8	4186590	NonCancer	0.00E+00	1.69E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
5266	ALL	650380.3	4186553	NonCancer	0.00E+00	1.79E-05	4.54E-04	0.00E+00	0.00E+00	4.54E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	4.54E-04
5267	ALL	650397.7	4186515	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5268	ALL	650415.2	4186477	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5269	ALL	650432.6	4186439	NonCancer	0.00E+00	1.78E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5270	ALL	650450	4186401	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5271	ALL	650467.5	4186363	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5272	ALL	650484.9	4186326	NonCancer	0.00E+00	1.71E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
5273	ALL	650502.4	4186288	NonCancer	0.00E+00	1.74E-05	4.44E-04	0.00E+00	0.00E+00	4.44E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	4.44E-04
5274	ALL	650519.8	4186250	NonCancer	0.00E+00	1.78E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
5275	ALL	650537.3	4186212	NonCancer	0.00E+00	1.70E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
5276	ALL	650554.7	4186174	NonCancer	0.00E+00	1.74E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
5277	ALL	650572.2	4186136	NonCancer	0.00E+00	1.80E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
5278	ALL	650589.6	4186099	NonCancer	0.00E+00	1.71E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
5279	ALL	650607.1	4186061	NonCancer	0.00E+00	1.67E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
5280	ALL	650624.5	4186023	NonCancer	0.00E+00	1.64E-05	4.17E-04	0.00E+00	0.00E+00	4.17E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	4.17E-04
5281	ALL	650642	4185985	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5282	ALL	650659.4	4185947	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
5283	ALL	650676.9	4185909	NonCancer	0.00E+00	1.63E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5284	ALL	650694.3	4185872	NonCancer	0.00E+00	1.59E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5285	ALL	650711.7	4185834	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5286	ALL	650729.2	4185796	NonCancer	0.00E+00	1.62E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5287	ALL	650746.6	4185758	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5288	ALL	650764.1	4185720	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
5289	ALL	650781.5	4185682	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
5290	ALL	650799	4185644	NonCancer	0.00E+00	1.55E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
5291	ALL	650816.4	4185607	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5292	ALL	650833.9	4185569	NonCancer	0.00E+00	1.57E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5293	ALL	650851.3	4185531	NonCancer	0.00E+00	1.59E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5294	ALL	650868.8	4185493	NonCancer	0.00E+00	1.58E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5295	ALL	650886.2	4185455	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
5296	ALL	650903.7	4185417	NonCancer	0.00E+00	1.56E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
5297	ALL	650921.1	4185380	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5298	ALL	650938.6	4185342	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
5299	ALL	650956	4185304	NonCancer	0.00E+00	1.53E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04

5300	ALL	650973.5	4185266	NonCancer	0.00E+00	1.52E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
5301	ALL	650990.9	4185228	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
5302	ALL	651008.3	4185190	NonCancer	0.00E+00	1.47E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
5303	ALL	651025.8	4185153	NonCancer	0.00E+00	1.50E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
5304	ALL	651043.2	4185115	NonCancer	0.00E+00	1.48E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
5305	ALL	651060.7	4185077	NonCancer	0.00E+00	1.49E-05	3.78E-04	0.00E+00	0.00E+00	3.78E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	3.78E-04
5306	ALL	651088.9	4185051	NonCancer	0.00E+00	1.50E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
5307	ALL	651127.9	4185036	NonCancer	0.00E+00	1.52E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5308	ALL	651166.8	4185021	NonCancer	0.00E+00	1.76E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
5309	ALL	651205.8	4185006	NonCancer	0.00E+00	2.06E-05	5.24E-04	0.00E+00	0.00E+00	5.24E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	5.24E-04
5310	ALL	651244.8	4184992	NonCancer	0.00E+00	2.16E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5311	ALL	651283.7	4184977	NonCancer	0.00E+00	2.03E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
5312	ALL	651322.7	4184962	NonCancer	0.00E+00	2.01E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
5313	ALL	651361.7	4184947	NonCancer	0.00E+00	2.14E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
5314	ALL	651400.7	4184933	NonCancer	0.00E+00	2.11E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
5315	ALL	651439.6	4184918	NonCancer	0.00E+00	1.92E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5316	ALL	651478.6	4184903	NonCancer	0.00E+00	1.67E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
5317	ALL	651517.6	4184888	NonCancer	0.00E+00	1.69E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5318	ALL	651556.5	4184874	NonCancer	0.00E+00	1.58E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
5319	ALL	651595.5	4184859	NonCancer	0.00E+00	1.57E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
5320	ALL	651634.5	4184844	NonCancer	0.00E+00	1.60E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
5321	ALL	651673.4	4184829	NonCancer	0.00E+00	1.57E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
5322	ALL	651712.4	4184815	NonCancer	0.00E+00	1.58E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5323	ALL	651751.4	4184800	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5324	ALL	651790.4	4184785	NonCancer	0.00E+00	1.57E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5325	ALL	651829.3	4184770	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
5326	ALL	651868.3	4184756	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5327	ALL	651907.3	4184741	NonCancer	0.00E+00	1.62E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
5328	ALL	651946.2	4184726	NonCancer	0.00E+00	1.60E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
5329	ALL	651985.2	4184711	NonCancer	0.00E+00	1.95E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5330	ALL	652024.2	4184697	NonCancer	0.00E+00	2.59E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
5331	ALL	652063.1	4184682	NonCancer	0.00E+00	3.13E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
5332	ALL	652102.1	4184667	NonCancer	0.00E+00	3.45E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
5333	ALL	652141.1	4184652	NonCancer	0.00E+00	3.45E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
5334	ALL	652180.1	4184638	NonCancer	0.00E+00	3.14E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
5335	ALL	652219	4184623	NonCancer	0.00E+00	2.59E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5336	ALL	652258	4184608	NonCancer	0.00E+00	1.95E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
5337	ALL	652297	4184593	NonCancer	0.00E+00	1.63E-05	4.19E-04	0.00E+00	0.00E+00	4.19E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	4.19E-04
5338	ALL	652335.9	4184579	NonCancer	0.00E+00	1.68E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
5339	ALL	652374.9	4184564	NonCancer	0.00E+00	1.70E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
5340	ALL	652413.9	4184549	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
5341	ALL	652452.8	4184534	NonCancer	0.00E+00	1.50E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
5342	ALL	652491.8	4184520	NonCancer	0.00E+00	1.53E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5343	ALL	652530.8	4184505	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5344	ALL	652569.8	4184490	NonCancer	0.00E+00	1.59E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
5345	ALL	652608.7	4184475	NonCancer	0.00E+00	1.63E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5346	ALL	652647.7	4184461	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5347	ALL	652686.7	4184446	NonCancer	0.00E+00	1.60E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5348	ALL	652725.6	4184431	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5349	ALL	652764.6	4184416	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04

5350	ALL	652803.6	4184402	NonCancer	0.00E+00	1.62E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5351	ALL	652842.5	4184387	NonCancer	0.00E+00	1.66E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
5352	ALL	652881.5	4184372	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
5353	ALL	652920.5	4184357	NonCancer	0.00E+00	1.63E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
5354	ALL	652959.4	4184343	NonCancer	0.00E+00	1.84E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5355	ALL	652998.4	4184328	NonCancer	0.00E+00	2.10E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
5356	ALL	653037.4	4184313	NonCancer	0.00E+00	2.14E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
5357	ALL	653076.4	4184299	NonCancer	0.00E+00	1.95E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
5358	ALL	653115.3	4184284	NonCancer	0.00E+00	1.62E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5359	ALL	653154.3	4184269	NonCancer	0.00E+00	1.67E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
5360	ALL	653193.3	4184254	NonCancer	0.00E+00	1.65E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5361	ALL	653232.2	4184240	NonCancer	0.00E+00	1.64E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5362	ALL	653271.2	4184225	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5363	ALL	653310.2	4184210	NonCancer	0.00E+00	1.56E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5364	ALL	653349.1	4184195	NonCancer	0.00E+00	1.74E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
5365	ALL	653388.1	4184181	NonCancer	0.00E+00	1.89E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5366	ALL	653427.1	4184166	NonCancer	0.00E+00	1.86E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
5367	ALL	653466.1	4184151	NonCancer	0.00E+00	1.67E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5368	ALL	653505	4184136	NonCancer	0.00E+00	1.51E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
5369	ALL	653544	4184122	NonCancer	0.00E+00	1.46E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
5370	ALL	653583	4184107	NonCancer	0.00E+00	1.38E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
5371	ALL	653621.9	4184092	NonCancer	0.00E+00	1.41E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
5372	ALL	653660.9	4184077	NonCancer	0.00E+00	1.63E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5373	ALL	653699.9	4184063	NonCancer	0.00E+00	1.77E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5374	ALL	653738.8	4184048	NonCancer	0.00E+00	1.81E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
5375	ALL	649847.2	4187728	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5376	ALL	649845.4	4187769	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5377	ALL	649843.6	4187811	NonCancer	0.00E+00	1.54E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
5378	ALL	653669	4187987	NonCancer	0.00E+00	3.58E-03	9.35E-02	0.00E+00	0.00E+00	9.35E-02	3.58E-03	0.00E+00	3.58E-03	0.00E+00	0.00E+00	9.35E-02	0.00E+00	0.00E+00	9.35E-02
5379	ALL	653652.2	4188006	NonCancer	0.00E+00	2.46E-03	6.65E-02	0.00E+00	0.00E+00	6.65E-02	2.46E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	6.65E-02	0.00E+00	0.00E+00	6.65E-02
5380	ALL	653635.4	4188024	NonCancer	0.00E+00	1.66E-03	4.59E-02	0.00E+00	0.00E+00	4.59E-02	1.66E-03	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	4.59E-02
5381	ALL	653618	4188041	NonCancer	0.00E+00	1.17E-03	3.17E-02	0.00E+00	0.00E+00	3.17E-02	1.17E-03	0.00E+00	1.17E-03	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	3.17E-02
5382	ALL	653608.6	4188019	NonCancer	0.00E+00	1.60E-03	4.24E-02	0.00E+00	0.00E+00	4.24E-02	1.60E-03	0.00E+00	1.60E-03	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	4.24E-02
5383	ALL	653599.3	4187997	NonCancer	0.00E+00	1.53E-03	4.05E-02	0.00E+00	0.00E+00	4.05E-02	1.53E-03	0.00E+00	1.53E-03	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	4.05E-02
5384	ALL	653631.7	4188061	NonCancer	0.00E+00	1.07E-03	2.94E-02	0.00E+00	0.00E+00	2.94E-02	1.07E-03	0.00E+00	1.07E-03	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	2.94E-02
5385	ALL	653584.5	4188079	NonCancer	0.00E+00	7.44E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	7.44E-04	0.00E+00	7.44E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
5386	ALL	653575.6	4188058	NonCancer	0.00E+00	9.49E-04	2.54E-02	0.00E+00	0.00E+00	2.54E-02	9.49E-04	0.00E+00	9.49E-04	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	2.54E-02
5387	ALL	653566.7	4188036	NonCancer	0.00E+00	1.11E-03	2.91E-02	0.00E+00	0.00E+00	2.91E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	2.91E-02
5388	ALL	653557.8	4188015	NonCancer	0.00E+00	1.05E-03	2.75E-02	0.00E+00	0.00E+00	2.75E-02	1.05E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.75E-02	0.00E+00	0.00E+00	2.75E-02
5389	ALL	653549	4187994	NonCancer	0.00E+00	1.08E-03	2.81E-02	0.00E+00	0.00E+00	2.81E-02	1.08E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	2.81E-02	0.00E+00	0.00E+00	2.81E-02
5390	ALL	653598.1	4188098	NonCancer	0.00E+00	7.34E-04	1.97E-02	0.00E+00	0.00E+00	1.97E-02	7.34E-04	0.00E+00	7.34E-04	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.97E-02
5391	ALL	653550.7	4188115	NonCancer	0.00E+00	5.50E-04	1.46E-02	0.00E+00	0.00E+00	1.46E-02	5.50E-04	0.00E+00	5.50E-04	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.46E-02
5392	ALL	653541.3	4188093	NonCancer	0.00E+00	5.97E-04	1.57E-02	0.00E+00	0.00E+00	1.57E-02	5.97E-04	0.00E+00	5.97E-04	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.57E-02
5393	ALL	653532	4188071	NonCancer	0.00E+00	7.54E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	7.54E-04	0.00E+00	7.54E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
5394	ALL	653522.7	4188048	NonCancer	0.00E+00	8.37E-04	2.18E-02	0.00E+00	0.00E+00	2.18E-02	8.37E-04	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	2.18E-02
5395	ALL	653513.4	4188026	NonCancer	0.00E+00	7.87E-04	2.05E-02	0.00E+00	0.00E+00	2.05E-02	7.87E-04	0.00E+00	7.87E-04	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.05E-02
5396	ALL	653504.1	4188004	NonCancer	0.00E+00	7.98E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	7.98E-04	0.00E+00	7.98E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
5397	ALL	653517.1	4188153	NonCancer	0.00E+00	4.38E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.38E-04	0.00E+00	4.38E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
5398	ALL	653508.1	4188131	NonCancer	0.00E+00	4.42E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.42E-04	0.00E+00	4.42E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
5399	ALL	653499	4188109	NonCancer	0.00E+00	5.02E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.02E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02

5400	ALL	653490	4188087	NonCancer	0.00E+00	6.01E-04	1.58E-02	0.00E+00	0.00E+00	1.58E-02	6.01E-04	0.00E+00	6.01E-04	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.58E-02
5401	ALL	653480.9	4188066	NonCancer	0.00E+00	6.58E-04	1.71E-02	0.00E+00	0.00E+00	1.71E-02	6.58E-04	0.00E+00	6.58E-04	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.71E-02
5402	ALL	653471.9	4188044	NonCancer	0.00E+00	6.31E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.31E-04	0.00E+00	6.31E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
5403	ALL	653462.8	4188022	NonCancer	0.00E+00	5.77E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	5.77E-04	0.00E+00	5.77E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
5404	ALL	653453.7	4188000	NonCancer	0.00E+00	6.28E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.28E-04	0.00E+00	6.28E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
5405	ALL	653483.4	4188189	NonCancer	0.00E+00	3.49E-04	9.04E-03	0.00E+00	0.00E+00	9.04E-03	3.49E-04	0.00E+00	3.49E-04	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	9.04E-03
5406	ALL	653474	4188167	NonCancer	0.00E+00	3.49E-04	9.11E-03	0.00E+00	0.00E+00	9.11E-03	3.49E-04	0.00E+00	3.49E-04	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	9.11E-03
5407	ALL	653464.7	4188145	NonCancer	0.00E+00	3.79E-04	9.86E-03	0.00E+00	0.00E+00	9.86E-03	3.79E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	9.86E-03	0.00E+00	0.00E+00	9.86E-03
5408	ALL	653455.4	4188122	NonCancer	0.00E+00	4.64E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
5409	ALL	653446.1	4188100	NonCancer	0.00E+00	5.18E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.18E-04	0.00E+00	5.18E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
5410	ALL	653436.8	4188078	NonCancer	0.00E+00	5.32E-04	1.38E-02	0.00E+00	0.00E+00	1.38E-02	5.32E-04	0.00E+00	5.32E-04	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.38E-02
5411	ALL	653427.5	4188055	NonCancer	0.00E+00	5.01E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.01E-04	0.00E+00	5.01E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
5412	ALL	653418.2	4188033	NonCancer	0.00E+00	4.71E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.71E-04	0.00E+00	4.71E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
5413	ALL	653408.8	4188010	NonCancer	0.00E+00	5.02E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.02E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
5414	ALL	653399.5	4187988	NonCancer	0.00E+00	4.92E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	4.92E-04	0.00E+00	4.92E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
5415	ALL	653449.8	4188227	NonCancer	0.00E+00	2.79E-04	7.29E-03	0.00E+00	0.00E+00	7.29E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	7.29E-03
5416	ALL	653440.7	4188205	NonCancer	0.00E+00	2.87E-04	7.52E-03	0.00E+00	0.00E+00	7.52E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	7.52E-03
5417	ALL	653431.5	4188183	NonCancer	0.00E+00	3.00E-04	7.81E-03	0.00E+00	0.00E+00	7.81E-03	3.00E-04	0.00E+00	3.00E-04	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	7.81E-03
5418	ALL	653422.4	4188161	NonCancer	0.00E+00	3.19E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.19E-04	0.00E+00	3.19E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
5419	ALL	653413.3	4188139	NonCancer	0.00E+00	3.89E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	3.89E-04	0.00E+00	3.89E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
5420	ALL	653404.2	4188117	NonCancer	0.00E+00	4.38E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.38E-04	0.00E+00	4.38E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
5421	ALL	653395	4188095	NonCancer	0.00E+00	4.45E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
5422	ALL	653385.9	4188073	NonCancer	0.00E+00	4.33E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.33E-04	0.00E+00	4.33E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
5423	ALL	653376.8	4188051	NonCancer	0.00E+00	4.07E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.07E-04	0.00E+00	4.07E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
5424	ALL	653367.6	4188029	NonCancer	0.00E+00	4.16E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.16E-04	0.00E+00	4.16E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
5425	ALL	653358.5	4188007	NonCancer	0.00E+00	4.21E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.21E-04	0.00E+00	4.21E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
5426	ALL	653349.4	4187985	NonCancer	0.00E+00	4.17E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.17E-04	0.00E+00	4.17E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
5427	ALL	653382.3	4188300	NonCancer	0.00E+00	2.04E-04	5.30E-03	0.00E+00	0.00E+00	5.30E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	5.30E-03
5428	ALL	653372.9	4188277	NonCancer	0.00E+00	2.20E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
5429	ALL	653363.4	4188255	NonCancer	0.00E+00	2.14E-04	5.51E-03	0.00E+00	0.00E+00	5.51E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.51E-03
5430	ALL	653353.9	4188232	NonCancer	0.00E+00	2.24E-04	5.78E-03	0.00E+00	0.00E+00	5.78E-03	2.24E-04	0.00E+00	2.24E-04	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.78E-03
5431	ALL	653344.5	4188209	NonCancer	0.00E+00	2.34E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
5432	ALL	653335	4188186	NonCancer	0.00E+00	2.88E-04	7.41E-03	0.00E+00	0.00E+00	7.41E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.41E-03
5433	ALL	653325.5	4188164	NonCancer	0.00E+00	2.98E-04	7.78E-03	0.00E+00	0.00E+00	7.78E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	7.78E-03
5434	ALL	653316.1	4188141	NonCancer	0.00E+00	3.24E-04	8.36E-03	0.00E+00	0.00E+00	8.36E-03	3.24E-04	0.00E+00	3.24E-04	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.36E-03
5435	ALL	653306.6	4188118	NonCancer	0.00E+00	3.27E-04	8.38E-03	0.00E+00	0.00E+00	8.38E-03	3.27E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	8.38E-03
5436	ALL	653297.1	4188096	NonCancer	0.00E+00	3.09E-04	7.94E-03	0.00E+00	0.00E+00	7.94E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.94E-03
5437	ALL	653287.7	4188073	NonCancer	0.00E+00	3.00E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.00E-04	0.00E+00	3.00E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
5438	ALL	653278.2	4188050	NonCancer	0.00E+00	2.96E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
5439	ALL	653268.7	4188027	NonCancer	0.00E+00	3.10E-04	7.97E-03	0.00E+00	0.00E+00	7.97E-03	3.10E-04	0.00E+00	3.10E-04	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	7.97E-03
5440	ALL	653259.3	4188005	NonCancer	0.00E+00	3.10E-04	7.95E-03	0.00E+00	0.00E+00	7.95E-03	3.10E-04	0.00E+00	3.10E-04	0.00E+00	0.00E+00	7.95E-03	0.00E+00	0.00E+00	7.95E-03
5441	ALL	653249.8	4187982	NonCancer	0.00E+00	2.99E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	2.99E-04	0.00E+00	2.99E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
5442	ALL	653396.2	4188320	NonCancer	0.00E+00	2.07E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
5443	ALL	653315	4188374	NonCancer	0.00E+00	1.61E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
5444	ALL	653305.6	4188351	NonCancer	0.00E+00	1.65E-04	4.22E-03	0.00E+00	0.00E+00	4.22E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.22E-03
5445	ALL	653296.2	4188329	NonCancer	0.00E+00	1.66E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
5446	ALL	653286.7	4188306	NonCancer	0.00E+00	1.67E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
5447	ALL	653277.3	4188283	NonCancer	0.00E+00	1.76E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
5448	ALL	653267.8	4188261	NonCancer	0.00E+00	1.82E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
5449	ALL	653258.4	4188238	NonCancer	0.00E+00	2.19E-04	5.63E-03	0.00E+00	0.00E+00	5.63E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	5.63E-03

5450	ALL	653249	4188215	NonCancer	0.00E+00	2.34E-04	6.01E-03	0.00E+00	0.00E+00	6.01E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.01E-03
5451	ALL	653239.5	4188193	NonCancer	0.00E+00	2.51E-04	6.46E-03	0.00E+00	0.00E+00	6.46E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	6.46E-03
5452	ALL	653230.1	4188170	NonCancer	0.00E+00	2.57E-04	6.59E-03	0.00E+00	0.00E+00	6.59E-03	2.57E-04	0.00E+00	2.57E-04	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	6.59E-03
5453	ALL	653220.7	4188147	NonCancer	0.00E+00	2.54E-04	6.50E-03	0.00E+00	0.00E+00	6.50E-03	2.54E-04	0.00E+00	2.54E-04	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.50E-03
5454	ALL	653211.2	4188125	NonCancer	0.00E+00	2.45E-04	6.27E-03	0.00E+00	0.00E+00	6.27E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.27E-03
5455	ALL	653201.8	4188102	NonCancer	0.00E+00	2.39E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
5456	ALL	653192.4	4188079	NonCancer	0.00E+00	2.20E-04	5.70E-03	0.00E+00	0.00E+00	5.70E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	5.70E-03
5457	ALL	653182.9	4188057	NonCancer	0.00E+00	2.42E-04	6.21E-03	0.00E+00	0.00E+00	6.21E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.21E-03
5458	ALL	653173.5	4188034	NonCancer	0.00E+00	2.44E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
5459	ALL	653164	4188011	NonCancer	0.00E+00	2.41E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
5460	ALL	653154.6	4187989	NonCancer	0.00E+00	2.36E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
5461	ALL	653328.9	4188394	NonCancer	0.00E+00	1.60E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
5462	ALL	653247.7	4188448	NonCancer	0.00E+00	1.32E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
5463	ALL	653238.3	4188426	NonCancer	0.00E+00	1.28E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
5464	ALL	653228.9	4188403	NonCancer	0.00E+00	1.39E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
5465	ALL	653219.5	4188380	NonCancer	0.00E+00	1.32E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
5466	ALL	653210.1	4188358	NonCancer	0.00E+00	1.36E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
5467	ALL	653200.7	4188335	NonCancer	0.00E+00	1.43E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
5468	ALL	653191.2	4188312	NonCancer	0.00E+00	1.48E-04	3.80E-03	0.00E+00	0.00E+00	3.80E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.80E-03
5469	ALL	653181.8	4188290	NonCancer	0.00E+00	1.69E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
5470	ALL	653172.4	4188267	NonCancer	0.00E+00	1.80E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03
5471	ALL	653163	4188245	NonCancer	0.00E+00	1.87E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
5472	ALL	653153.6	4188222	NonCancer	0.00E+00	2.07E-04	5.30E-03	0.00E+00	0.00E+00	5.30E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	5.30E-03
5473	ALL	653144.1	4188199	NonCancer	0.00E+00	2.08E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
5474	ALL	653134.7	4188177	NonCancer	0.00E+00	2.05E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
5475	ALL	653125.3	4188154	NonCancer	0.00E+00	2.01E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
5476	ALL	653115.9	4188131	NonCancer	0.00E+00	1.96E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
5477	ALL	653106.5	4188109	NonCancer	0.00E+00	1.85E-04	4.71E-03	0.00E+00	0.00E+00	4.71E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	4.71E-03
5478	ALL	653097.1	4188086	NonCancer	0.00E+00	1.85E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
5479	ALL	653087.6	4188064	NonCancer	0.00E+00	1.97E-04	5.04E-03	0.00E+00	0.00E+00	5.04E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.04E-03
5480	ALL	653078.2	4188041	NonCancer	0.00E+00	1.96E-04	5.02E-03	0.00E+00	0.00E+00	5.02E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	5.02E-03
5481	ALL	653068.8	4188018	NonCancer	0.00E+00	1.95E-04	4.98E-03	0.00E+00	0.00E+00	4.98E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	4.98E-03
5482	ALL	653059.4	4187996	NonCancer	0.00E+00	1.92E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.92E-04	0.00E+00	1.92E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
5483	ALL	653050	4187973	NonCancer	0.00E+00	1.86E-04	4.76E-03	0.00E+00	0.00E+00	4.76E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.76E-03
5484	ALL	653180.4	4188522	NonCancer	0.00E+00	1.09E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
5485	ALL	653171	4188500	NonCancer	0.00E+00	1.07E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
5486	ALL	653161.6	4188477	NonCancer	0.00E+00	1.12E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
5487	ALL	653152.2	4188454	NonCancer	0.00E+00	1.14E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
5488	ALL	653142.8	4188432	NonCancer	0.00E+00	1.12E-04	2.86E-03	0.00E+00	0.00E+00	2.86E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	2.86E-03
5489	ALL	653133.4	4188409	NonCancer	0.00E+00	1.15E-04	2.94E-03	0.00E+00	0.00E+00	2.94E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.94E-03
5490	ALL	653124	4188387	NonCancer	0.00E+00	1.20E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
5491	ALL	653114.6	4188364	NonCancer	0.00E+00	1.24E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
5492	ALL	653105.2	4188341	NonCancer	0.00E+00	1.33E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
5493	ALL	653095.8	4188319	NonCancer	0.00E+00	1.51E-04	3.88E-03	0.00E+00	0.00E+00	3.88E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.88E-03
5494	ALL	653086.4	4188296	NonCancer	0.00E+00	1.59E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
5495	ALL	653077	4188274	NonCancer	0.00E+00	1.65E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
5496	ALL	653067.6	4188251	NonCancer	0.00E+00	1.69E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
5497	ALL	653058.2	4188228	NonCancer	0.00E+00	1.72E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
5498	ALL	653048.8	4188206	NonCancer	0.00E+00	1.70E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
5499	ALL	653039.4	4188183	NonCancer	0.00E+00	1.68E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03

5500	ALL	653030	4188161	NonCancer	0.00E+00	1.61E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
5501	ALL	653020.6	4188138	NonCancer	0.00E+00	1.57E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
5502	ALL	653011.2	4188115	NonCancer	0.00E+00	1.44E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
5503	ALL	653001.8	4188093	NonCancer	0.00E+00	1.60E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
5504	ALL	652992.4	4188070	NonCancer	0.00E+00	1.60E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
5505	ALL	652983	4188048	NonCancer	0.00E+00	1.61E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
5506	ALL	652973.6	4188025	NonCancer	0.00E+00	1.61E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
5507	ALL	652964.1	4188003	NonCancer	0.00E+00	1.61E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
5508	ALL	652954.7	4187980	NonCancer	0.00E+00	1.54E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
5509	ALL	653113.1	4188596	NonCancer	0.00E+00	9.22E-05	2.36E-03	0.00E+00	0.00E+00	2.36E-03	9.22E-05	0.00E+00	9.22E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
5510	ALL	653103.8	4188574	NonCancer	0.00E+00	9.13E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.13E-05	0.00E+00	9.13E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
5511	ALL	653094.4	4188551	NonCancer	0.00E+00	9.11E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.11E-05	0.00E+00	9.11E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
5512	ALL	653085	4188528	NonCancer	0.00E+00	9.84E-05	2.52E-03	0.00E+00	0.00E+00	2.52E-03	9.84E-05	0.00E+00	9.84E-05	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.52E-03
5513	ALL	653075.6	4188506	NonCancer	0.00E+00	9.28E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.28E-05	0.00E+00	9.28E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
5514	ALL	653066.2	4188483	NonCancer	0.00E+00	9.54E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.54E-05	0.00E+00	9.54E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
5515	ALL	653056.8	4188461	NonCancer	0.00E+00	9.81E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.81E-05	0.00E+00	9.81E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
5516	ALL	653047.4	4188438	NonCancer	0.00E+00	1.02E-04	2.61E-03	0.00E+00	0.00E+00	2.61E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.61E-03
5517	ALL	653038	4188416	NonCancer	0.00E+00	1.05E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
5518	ALL	653028.6	4188393	NonCancer	0.00E+00	1.06E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
5519	ALL	653019.2	4188370	NonCancer	0.00E+00	1.27E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
5520	ALL	653009.8	4188348	NonCancer	0.00E+00	1.31E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
5521	ALL	653000.4	4188325	NonCancer	0.00E+00	1.32E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
5522	ALL	652991	4188303	NonCancer	0.00E+00	1.46E-04	3.73E-03	0.00E+00	0.00E+00	3.73E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.73E-03
5523	ALL	652981.6	4188280	NonCancer	0.00E+00	1.45E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
5524	ALL	652972.2	4188258	NonCancer	0.00E+00	1.47E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
5525	ALL	652962.8	4188235	NonCancer	0.00E+00	1.44E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
5526	ALL	652953.5	4188212	NonCancer	0.00E+00	1.44E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
5527	ALL	652944.1	4188190	NonCancer	0.00E+00	1.34E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
5528	ALL	652934.7	4188167	NonCancer	0.00E+00	1.35E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
5529	ALL	652925.3	4188145	NonCancer	0.00E+00	1.29E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
5530	ALL	652915.9	4188122	NonCancer	0.00E+00	1.29E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
5531	ALL	652906.5	4188100	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
5532	ALL	652897.1	4188077	NonCancer	0.00E+00	1.38E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
5533	ALL	652887.7	4188055	NonCancer	0.00E+00	1.36E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
5534	ALL	652878.3	4188032	NonCancer	0.00E+00	1.37E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
5535	ALL	652868.9	4188009	NonCancer	0.00E+00	1.37E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
5536	ALL	652859.5	4187987	NonCancer	0.00E+00	1.31E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
5537	ALL	652850.1	4187964	NonCancer	0.00E+00	1.33E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
5538	ALL	653127	4188616	NonCancer	0.00E+00	9.09E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.09E-05	0.00E+00	9.09E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
5539	ALL	652944.9	4188781	NonCancer	0.00E+00	6.57E-05	1.68E-03	0.00E+00	0.00E+00	1.68E-03	6.57E-05	0.00E+00	6.57E-05	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	1.68E-03
5540	ALL	652935.4	4188758	NonCancer	0.00E+00	6.66E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.66E-05	0.00E+00	6.66E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
5541	ALL	652926	4188736	NonCancer	0.00E+00	6.50E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.50E-05	0.00E+00	6.50E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
5542	ALL	652916.6	4188713	NonCancer	0.00E+00	6.49E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.49E-05	0.00E+00	6.49E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
5543	ALL	652907.1	4188690	NonCancer	0.00E+00	6.99E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	6.99E-05	0.00E+00	6.99E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5544	ALL	652897.7	4188668	NonCancer	0.00E+00	6.83E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.83E-05	0.00E+00	6.83E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
5545	ALL	652888.2	4188645	NonCancer	0.00E+00	6.64E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.64E-05	0.00E+00	6.64E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
5546	ALL	652878.8	4188622	NonCancer	0.00E+00	6.78E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.78E-05	0.00E+00	6.78E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
5547	ALL	652869.4	4188600	NonCancer	0.00E+00	6.97E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	6.97E-05	0.00E+00	6.97E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5548	ALL	652859.9	4188577	NonCancer	0.00E+00	7.07E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
5549	ALL	652850.5	4188554	NonCancer	0.00E+00	7.37E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.37E-05	0.00E+00	7.37E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03

5550	ALL	652841.1	4188532	NonCancer	0.00E+00	7.42E-05	1.90E-03	0.00E+00	0.00E+00	1.90E-03	7.42E-05	0.00E+00	7.42E-05	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	1.90E-03
5551	ALL	652831.6	4188509	NonCancer	0.00E+00	7.60E-05	1.98E-03	0.00E+00	0.00E+00	1.98E-03	7.60E-05	0.00E+00	7.60E-05	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	1.98E-03
5552	ALL	652822.2	4188486	NonCancer	0.00E+00	8.97E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	8.97E-05	0.00E+00	8.97E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
5553	ALL	652812.7	4188464	NonCancer	0.00E+00	9.10E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.10E-05	0.00E+00	9.10E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
5554	ALL	652803.3	4188441	NonCancer	0.00E+00	9.69E-05	2.47E-03	0.00E+00	0.00E+00	2.47E-03	9.69E-05	0.00E+00	9.69E-05	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	2.47E-03
5555	ALL	652793.9	4188418	NonCancer	0.00E+00	9.44E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.44E-05	0.00E+00	9.44E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
5556	ALL	652784.4	4188396	NonCancer	0.00E+00	1.04E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
5557	ALL	652775	4188373	NonCancer	0.00E+00	1.01E-04	2.60E-03	0.00E+00	0.00E+00	2.60E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	2.60E-03
5558	ALL	652765.6	4188350	NonCancer	0.00E+00	1.05E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
5559	ALL	652756.1	4188328	NonCancer	0.00E+00	1.05E-04	2.67E-03	0.00E+00	0.00E+00	2.67E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	2.67E-03
5560	ALL	652746.7	4188305	NonCancer	0.00E+00	1.03E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
5561	ALL	652737.2	4188282	NonCancer	0.00E+00	1.03E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
5562	ALL	652727.8	4188260	NonCancer	0.00E+00	9.36E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.36E-05	0.00E+00	9.36E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
5563	ALL	652718.4	4188237	NonCancer	0.00E+00	9.91E-05	2.52E-03	0.00E+00	0.00E+00	2.52E-03	9.91E-05	0.00E+00	9.91E-05	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.52E-03
5564	ALL	652708.9	4188214	NonCancer	0.00E+00	9.54E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.54E-05	0.00E+00	9.54E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
5565	ALL	652699.5	4188192	NonCancer	0.00E+00	9.11E-05	2.32E-03	0.00E+00	0.00E+00	2.32E-03	9.11E-05	0.00E+00	9.11E-05	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.32E-03
5566	ALL	652690.1	4188169	NonCancer	0.00E+00	9.02E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.02E-05	0.00E+00	9.02E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
5567	ALL	652680.6	4188146	NonCancer	0.00E+00	9.74E-05	2.50E-03	0.00E+00	0.00E+00	2.50E-03	9.74E-05	0.00E+00	9.74E-05	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	2.50E-03
5568	ALL	652671.2	4188124	NonCancer	0.00E+00	9.84E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.84E-05	0.00E+00	9.84E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
5569	ALL	652661.7	4188101	NonCancer	0.00E+00	9.95E-05	2.54E-03	0.00E+00	0.00E+00	2.54E-03	9.95E-05	0.00E+00	9.95E-05	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.54E-03
5570	ALL	652652.3	4188078	NonCancer	0.00E+00	9.66E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.66E-05	0.00E+00	9.66E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
5571	ALL	652642.9	4188056	NonCancer	0.00E+00	9.85E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.85E-05	0.00E+00	9.85E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
5572	ALL	652633.4	4188033	NonCancer	0.00E+00	9.71E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.71E-05	0.00E+00	9.71E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
5573	ALL	652624	4188010	NonCancer	0.00E+00	9.54E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.54E-05	0.00E+00	9.54E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
5574	ALL	652614.6	4187987	NonCancer	0.00E+00	9.35E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.35E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
5575	ALL	652605.1	4187965	NonCancer	0.00E+00	9.48E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.48E-05	0.00E+00	9.48E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
5576	ALL	652776.6	4188966	NonCancer	0.00E+00	4.98E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.98E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
5577	ALL	652767.1	4188943	NonCancer	0.00E+00	5.04E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.04E-05	0.00E+00	5.04E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
5578	ALL	652757.7	4188920	NonCancer	0.00E+00	5.02E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
5579	ALL	652748.2	4188898	NonCancer	0.00E+00	4.91E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.91E-05	0.00E+00	4.91E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
5580	ALL	652738.7	4188875	NonCancer	0.00E+00	4.94E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
5581	ALL	652729.3	4188852	NonCancer	0.00E+00	5.29E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5582	ALL	652719.8	4188829	NonCancer	0.00E+00	5.31E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
5583	ALL	652710.3	4188807	NonCancer	0.00E+00	5.02E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
5584	ALL	652700.9	4188784	NonCancer	0.00E+00	5.13E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.13E-05	0.00E+00	5.13E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
5585	ALL	652691.4	4188761	NonCancer	0.00E+00	5.17E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
5586	ALL	652681.9	4188738	NonCancer	0.00E+00	5.29E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5587	ALL	652672.5	4188716	NonCancer	0.00E+00	5.26E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5588	ALL	652663	4188693	NonCancer	0.00E+00	5.60E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.60E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
5589	ALL	652653.5	4188670	NonCancer	0.00E+00	5.70E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
5590	ALL	652644.1	4188648	NonCancer	0.00E+00	5.54E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.54E-05	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
5591	ALL	652634.6	4188625	NonCancer	0.00E+00	5.79E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.79E-05	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
5592	ALL	652625.2	4188602	NonCancer	0.00E+00	6.75E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
5593	ALL	652615.7	4188579	NonCancer	0.00E+00	7.01E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.01E-05	0.00E+00	7.01E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
5594	ALL	652606.2	4188557	NonCancer	0.00E+00	7.19E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.19E-05	0.00E+00	7.19E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5595	ALL	652596.8	4188534	NonCancer	0.00E+00	7.33E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.33E-05	0.00E+00	7.33E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
5596	ALL	652587.3	4188511	NonCancer	0.00E+00	7.24E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
5597	ALL	652577.8	4188488	NonCancer	0.00E+00	7.93E-05	2.03E-03	0.00E+00	0.00E+00	2.03E-03	7.93E-05	0.00E+00	7.93E-05	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	2.03E-03
5598	ALL	652568.4	4188466	NonCancer	0.00E+00	7.78E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.78E-05	0.00E+00	7.78E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
5599	ALL	652558.9	4188443	NonCancer	0.00E+00	8.04E-05	2.05E-03	0.00E+00	0.00E+00	2.05E-03	8.04E-05	0.00E+00	8.04E-05	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.05E-03

5600	ALL	652549.4	4188420	NonCancer	0.00E+00	8.02E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.02E-05	0.00E+00	8.02E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
5601	ALL	652540	4188397	NonCancer	0.00E+00	8.01E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.01E-05	0.00E+00	8.01E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
5602	ALL	652530.5	4188375	NonCancer	0.00E+00	7.95E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	7.95E-05	0.00E+00	7.95E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
5603	ALL	652521	4188352	NonCancer	0.00E+00	7.83E-05	2.00E-03	0.00E+00	0.00E+00	2.00E-03	7.83E-05	0.00E+00	7.83E-05	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
5604	ALL	652511.6	4188329	NonCancer	0.00E+00	7.17E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5605	ALL	652502.1	4188306	NonCancer	0.00E+00	7.47E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.47E-05	0.00E+00	7.47E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
5606	ALL	652492.6	4188284	NonCancer	0.00E+00	7.40E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.40E-05	0.00E+00	7.40E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5607	ALL	652483.2	4188261	NonCancer	0.00E+00	7.14E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.14E-05	0.00E+00	7.14E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
5608	ALL	652473.7	4188238	NonCancer	0.00E+00	6.86E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.86E-05	0.00E+00	6.86E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
5609	ALL	652464.2	4188216	NonCancer	0.00E+00	6.73E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
5610	ALL	652454.8	4188193	NonCancer	0.00E+00	7.27E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.27E-05	0.00E+00	7.27E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
5611	ALL	652445.3	4188170	NonCancer	0.00E+00	7.60E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.60E-05	0.00E+00	7.60E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
5612	ALL	652435.9	4188147	NonCancer	0.00E+00	7.39E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.39E-05	0.00E+00	7.39E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5613	ALL	652426.4	4188125	NonCancer	0.00E+00	7.58E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.58E-05	0.00E+00	7.58E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
5614	ALL	652416.9	4188102	NonCancer	0.00E+00	7.35E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03
5615	ALL	652407.5	4188079	NonCancer	0.00E+00	7.54E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.54E-05	0.00E+00	7.54E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
5616	ALL	652398	4188056	NonCancer	0.00E+00	7.21E-05	1.85E-03	0.00E+00	0.00E+00	1.85E-03	7.21E-05	0.00E+00	7.21E-05	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.85E-03
5617	ALL	652388.5	4188034	NonCancer	0.00E+00	7.46E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.46E-05	0.00E+00	7.46E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5618	ALL	652379.1	4188011	NonCancer	0.00E+00	7.24E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5619	ALL	652369.6	4187988	NonCancer	0.00E+00	7.13E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.13E-05	0.00E+00	7.13E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
5620	ALL	652360.1	4187965	NonCancer	0.00E+00	7.23E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.23E-05	0.00E+00	7.23E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5621	ALL	652350.7	4187943	NonCancer	0.00E+00	6.84E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
5622	ALL	652608.4	4189151	NonCancer	0.00E+00	3.92E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
5623	ALL	652599	4189128	NonCancer	0.00E+00	3.98E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
5624	ALL	652589.6	4189106	NonCancer	0.00E+00	4.05E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.05E-05	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
5625	ALL	652580.2	4189083	NonCancer	0.00E+00	3.94E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5626	ALL	652570.8	4189060	NonCancer	0.00E+00	3.89E-05	9.94E-04	0.00E+00	0.00E+00	9.94E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	9.94E-04
5627	ALL	652561.4	4189038	NonCancer	0.00E+00	3.92E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
5628	ALL	652552	4189015	NonCancer	0.00E+00	4.16E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
5629	ALL	652542.6	4188993	NonCancer	0.00E+00	4.26E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
5630	ALL	652533.2	4188970	NonCancer	0.00E+00	4.07E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5631	ALL	652523.8	4188948	NonCancer	0.00E+00	4.02E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
5632	ALL	652514.4	4188925	NonCancer	0.00E+00	4.10E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5633	ALL	652505	4188902	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5634	ALL	652495.6	4188880	NonCancer	0.00E+00	4.19E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.19E-05	0.00E+00	4.19E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
5635	ALL	652486.2	4188857	NonCancer	0.00E+00	4.21E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
5636	ALL	652476.8	4188835	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5637	ALL	652467.4	4188812	NonCancer	0.00E+00	4.47E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
5638	ALL	652458	4188790	NonCancer	0.00E+00	4.54E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.54E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
5639	ALL	652448.6	4188767	NonCancer	0.00E+00	4.36E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.36E-05	0.00E+00	4.36E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
5640	ALL	652439.2	4188744	NonCancer	0.00E+00	4.47E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
5641	ALL	652429.8	4188722	NonCancer	0.00E+00	5.21E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
5642	ALL	652420.4	4188699	NonCancer	0.00E+00	5.58E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.58E-05	0.00E+00	5.58E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
5643	ALL	652411	4188677	NonCancer	0.00E+00	5.46E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
5644	ALL	652401.6	4188654	NonCancer	0.00E+00	5.85E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
5645	ALL	652392.2	4188632	NonCancer	0.00E+00	5.78E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.78E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
5646	ALL	652382.8	4188609	NonCancer	0.00E+00	5.69E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
5647	ALL	652373.4	4188586	NonCancer	0.00E+00	6.26E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.26E-05	0.00E+00	6.26E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
5648	ALL	652364	4188564	NonCancer	0.00E+00	6.31E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.31E-05	0.00E+00	6.31E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
5649	ALL	652354.6	4188541	NonCancer	0.00E+00	6.26E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.26E-05	0.00E+00	6.26E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03

5650	ALL	652345.2	4188519	NonCancer	0.00E+00	6.39E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
5651	ALL	652335.8	4188496	NonCancer	0.00E+00	6.38E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.38E-05	0.00E+00	6.38E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
5652	ALL	652326.4	4188473	NonCancer	0.00E+00	6.82E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
5653	ALL	652317	4188451	NonCancer	0.00E+00	7.03E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.03E-05	0.00E+00	7.03E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5654	ALL	652307.6	4188428	NonCancer	0.00E+00	6.73E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
5655	ALL	652298.2	4188406	NonCancer	0.00E+00	5.99E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	5.99E-05	0.00E+00	5.99E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
5656	ALL	652288.8	4188383	NonCancer	0.00E+00	5.69E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
5657	ALL	652279.4	4188361	NonCancer	0.00E+00	6.01E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.01E-05	0.00E+00	6.01E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
5658	ALL	652270	4188338	NonCancer	0.00E+00	5.83E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.83E-05	0.00E+00	5.83E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
5659	ALL	652260.6	4188315	NonCancer	0.00E+00	5.70E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
5660	ALL	652251.2	4188293	NonCancer	0.00E+00	5.57E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.57E-05	0.00E+00	5.57E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
5661	ALL	652241.8	4188270	NonCancer	0.00E+00	4.96E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	4.96E-05	0.00E+00	4.96E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
5662	ALL	652232.4	4188248	NonCancer	0.00E+00	5.63E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.63E-05	0.00E+00	5.63E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
5663	ALL	652223	4188225	NonCancer	0.00E+00	5.87E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
5664	ALL	652213.6	4188203	NonCancer	0.00E+00	6.05E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.05E-05	0.00E+00	6.05E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
5665	ALL	652204.2	4188180	NonCancer	0.00E+00	5.88E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.88E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
5666	ALL	652194.8	4188157	NonCancer	0.00E+00	6.04E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
5667	ALL	652185.4	4188135	NonCancer	0.00E+00	5.85E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
5668	ALL	652176	4188112	NonCancer	0.00E+00	5.97E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.97E-05	0.00E+00	5.97E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
5669	ALL	652166.6	4188090	NonCancer	0.00E+00	5.92E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
5670	ALL	652157.2	4188067	NonCancer	0.00E+00	5.82E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.82E-05	0.00E+00	5.82E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
5671	ALL	652147.8	4188045	NonCancer	0.00E+00	5.93E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
5672	ALL	652138.4	4188022	NonCancer	0.00E+00	5.78E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.78E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
5673	ALL	652129	4187999	NonCancer	0.00E+00	5.67E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
5674	ALL	652119.6	4187977	NonCancer	0.00E+00	5.72E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.72E-05	0.00E+00	5.72E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
5675	ALL	652110.2	4187954	NonCancer	0.00E+00	5.68E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.68E-05	0.00E+00	5.68E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
5676	ALL	652100.8	4187932	NonCancer	0.00E+00	5.26E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
5677	ALL	652622.2	4189170	NonCancer	0.00E+00	3.95E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5678	ALL	652440.1	4189336	NonCancer	0.00E+00	3.19E-05	8.14E-04	0.00E+00	0.00E+00	8.14E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	8.14E-04
5679	ALL	652430.7	4189313	NonCancer	0.00E+00	3.28E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
5680	ALL	652421.2	4189290	NonCancer	0.00E+00	3.30E-05	8.39E-04	0.00E+00	0.00E+00	8.39E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	8.39E-04
5681	ALL	652411.8	4189268	NonCancer	0.00E+00	3.31E-05	8.43E-04	0.00E+00	0.00E+00	8.43E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.43E-04	0.00E+00	0.00E+00	8.43E-04
5682	ALL	652402.4	4189245	NonCancer	0.00E+00	3.24E-05	8.26E-04	0.00E+00	0.00E+00	8.26E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	8.26E-04
5683	ALL	652393	4189222	NonCancer	0.00E+00	3.20E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
5684	ALL	652383.6	4189200	NonCancer	0.00E+00	3.22E-05	8.21E-04	0.00E+00	0.00E+00	8.21E-04	3.22E-05	0.00E+00	3.22E-05	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	8.21E-04
5685	ALL	652374.1	4189177	NonCancer	0.00E+00	3.39E-05	8.64E-04	0.00E+00	0.00E+00	8.64E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	8.64E-04
5686	ALL	652364.7	4189155	NonCancer	0.00E+00	3.50E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
5687	ALL	652355.3	4189132	NonCancer	0.00E+00	3.42E-05	8.75E-04	0.00E+00	0.00E+00	8.75E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	8.75E-04
5688	ALL	652345.9	4189109	NonCancer	0.00E+00	3.26E-05	8.37E-04	0.00E+00	0.00E+00	8.37E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	8.37E-04
5689	ALL	652336.4	4189087	NonCancer	0.00E+00	3.30E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
5690	ALL	652327	4189064	NonCancer	0.00E+00	3.38E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
5691	ALL	652317.6	4189041	NonCancer	0.00E+00	3.39E-05	8.63E-04	0.00E+00	0.00E+00	8.63E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	8.63E-04
5692	ALL	652308.2	4189019	NonCancer	0.00E+00	3.43E-05	8.76E-04	0.00E+00	0.00E+00	8.76E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	8.76E-04
5693	ALL	652298.7	4188996	NonCancer	0.00E+00	3.46E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
5694	ALL	652289.3	4188973	NonCancer	0.00E+00	3.51E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
5695	ALL	652279.9	4188951	NonCancer	0.00E+00	3.67E-05	9.35E-04	0.00E+00	0.00E+00	9.35E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	9.35E-04
5696	ALL	652270.5	4188928	NonCancer	0.00E+00	3.70E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
5697	ALL	652261	4188906	NonCancer	0.00E+00	3.70E-05	9.45E-04	0.00E+00	0.00E+00	9.45E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
5698	ALL	652251.6	4188883	NonCancer	0.00E+00	3.51E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
5699	ALL	652242.2	4188860	NonCancer	0.00E+00	3.68E-05	9.58E-04	0.00E+00	0.00E+00	9.58E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	9.58E-04

5700	ALL	652232.8	4188838	NonCancer	0.00E+00	4.23E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
5701	ALL	652223.3	4188815	NonCancer	0.00E+00	4.56E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.56E-05	0.00E+00	4.56E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
5702	ALL	652213.9	4188792	NonCancer	0.00E+00	4.56E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.56E-05	0.00E+00	4.56E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
5703	ALL	652204.5	4188770	NonCancer	0.00E+00	4.66E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5704	ALL	652195.1	4188747	NonCancer	0.00E+00	4.86E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5705	ALL	652185.7	4188724	NonCancer	0.00E+00	4.68E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5706	ALL	652176.2	4188702	NonCancer	0.00E+00	4.75E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.75E-05	0.00E+00	4.75E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
5707	ALL	652166.8	4188679	NonCancer	0.00E+00	5.15E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
5708	ALL	652157.4	4188657	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
5709	ALL	652148	4188634	NonCancer	0.00E+00	5.05E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
5710	ALL	652138.5	4188611	NonCancer	0.00E+00	5.27E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.27E-05	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
5711	ALL	652129.1	4188589	NonCancer	0.00E+00	5.26E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5712	ALL	652119.7	4188566	NonCancer	0.00E+00	5.78E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.78E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
5713	ALL	652110.3	4188543	NonCancer	0.00E+00	6.24E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.24E-05	0.00E+00	6.24E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
5714	ALL	652100.8	4188521	NonCancer	0.00E+00	6.32E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.32E-05	0.00E+00	6.32E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
5715	ALL	652091.4	4188498	NonCancer	0.00E+00	6.03E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
5716	ALL	652082	4188475	NonCancer	0.00E+00	5.41E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
5717	ALL	652072.6	4188453	NonCancer	0.00E+00	4.68E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
5718	ALL	652063.1	4188430	NonCancer	0.00E+00	4.86E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5719	ALL	652053.7	4188408	NonCancer	0.00E+00	4.93E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
5720	ALL	652044.3	4188385	NonCancer	0.00E+00	4.77E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
5721	ALL	652034.9	4188362	NonCancer	0.00E+00	4.68E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5722	ALL	652025.4	4188340	NonCancer	0.00E+00	4.53E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
5723	ALL	652016	4188317	NonCancer	0.00E+00	4.04E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5724	ALL	652006.6	4188294	NonCancer	0.00E+00	4.56E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.56E-05	0.00E+00	4.56E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
5725	ALL	651997.2	4188272	NonCancer	0.00E+00	4.77E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
5726	ALL	651987.7	4188249	NonCancer	0.00E+00	4.97E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
5727	ALL	651978.3	4188226	NonCancer	0.00E+00	4.88E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5728	ALL	651968.9	4188204	NonCancer	0.00E+00	4.85E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5729	ALL	651959.5	4188181	NonCancer	0.00E+00	4.96E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.96E-05	0.00E+00	4.96E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
5730	ALL	651950.1	4188159	NonCancer	0.00E+00	4.80E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.80E-05	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
5731	ALL	651940.6	4188136	NonCancer	0.00E+00	4.90E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
5732	ALL	651931.2	4188113	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5733	ALL	651921.8	4188091	NonCancer	0.00E+00	4.65E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
5734	ALL	651912.4	4188068	NonCancer	0.00E+00	4.88E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5735	ALL	651902.9	4188045	NonCancer	0.00E+00	4.79E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.79E-05	0.00E+00	4.79E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
5736	ALL	651893.5	4188023	NonCancer	0.00E+00	4.73E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
5737	ALL	651884.1	4188000	NonCancer	0.00E+00	4.67E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.67E-05	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5738	ALL	651874.7	4187977	NonCancer	0.00E+00	4.71E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.71E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
5739	ALL	651865.2	4187955	NonCancer	0.00E+00	4.68E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5740	ALL	651855.8	4187932	NonCancer	0.00E+00	4.39E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
5741	ALL	652103.6	4189705	NonCancer	0.00E+00	2.26E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
5742	ALL	652094.1	4189683	NonCancer	0.00E+00	2.34E-05	5.95E-04	0.00E+00	0.00E+00	5.95E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04
5743	ALL	652084.6	4189660	NonCancer	0.00E+00	2.36E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
5744	ALL	652075.2	4189637	NonCancer	0.00E+00	2.38E-05	6.06E-04	0.00E+00	0.00E+00	6.06E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	6.06E-04
5745	ALL	652065.7	4189615	NonCancer	0.00E+00	2.39E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
5746	ALL	652056.3	4189592	NonCancer	0.00E+00	2.33E-05	5.95E-04	0.00E+00	0.00E+00	5.95E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04
5747	ALL	652046.8	4189569	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
5748	ALL	652037.4	4189546	NonCancer	0.00E+00	2.31E-05	5.88E-04	0.00E+00	0.00E+00	5.88E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	5.88E-04
5749	ALL	652027.9	4189524	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04

5750	ALL	652018.4	4189501	NonCancer	0.00E+00	2.40E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
5751	ALL	652009	4189478	NonCancer	0.00E+00	2.51E-05	6.38E-04	0.00E+00	0.00E+00	6.38E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	6.38E-04
5752	ALL	651999.5	4189456	NonCancer	0.00E+00	2.52E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5753	ALL	651990.1	4189433	NonCancer	0.00E+00	2.42E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
5754	ALL	651980.6	4189410	NonCancer	0.00E+00	2.35E-05	6.01E-04	0.00E+00	0.00E+00	6.01E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	6.01E-04
5755	ALL	651971.1	4189387	NonCancer	0.00E+00	2.38E-05	6.06E-04	0.00E+00	0.00E+00	6.06E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	6.06E-04
5756	ALL	651961.7	4189365	NonCancer	0.00E+00	2.42E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
5757	ALL	651952.2	4189342	NonCancer	0.00E+00	2.43E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
5758	ALL	651942.8	4189319	NonCancer	0.00E+00	2.45E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5759	ALL	651933.3	4189296	NonCancer	0.00E+00	2.46E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
5760	ALL	651923.8	4189274	NonCancer	0.00E+00	2.50E-05	6.38E-04	0.00E+00	0.00E+00	6.38E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	6.38E-04
5761	ALL	651914.4	4189251	NonCancer	0.00E+00	2.47E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5762	ALL	651904.9	4189228	NonCancer	0.00E+00	2.58E-05	6.58E-04	0.00E+00	0.00E+00	6.58E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	6.58E-04
5763	ALL	651895.5	4189206	NonCancer	0.00E+00	2.65E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
5764	ALL	651886	4189183	NonCancer	0.00E+00	2.66E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
5765	ALL	651876.6	4189160	NonCancer	0.00E+00	2.68E-05	6.83E-04	0.00E+00	0.00E+00	6.83E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	6.83E-04
5766	ALL	651867.1	4189137	NonCancer	0.00E+00	2.59E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5767	ALL	651857.6	4189115	NonCancer	0.00E+00	2.58E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
5768	ALL	651848.2	4189092	NonCancer	0.00E+00	2.65E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5769	ALL	651838.7	4189069	NonCancer	0.00E+00	2.99E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
5770	ALL	651829.3	4189047	NonCancer	0.00E+00	3.24E-05	8.27E-04	0.00E+00	0.00E+00	8.27E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	8.27E-04
5771	ALL	651819.8	4189024	NonCancer	0.00E+00	3.32E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
5772	ALL	651810.3	4189001	NonCancer	0.00E+00	3.22E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.22E-05	0.00E+00	3.22E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
5773	ALL	651800.9	4188978	NonCancer	0.00E+00	3.38E-05	8.64E-04	0.00E+00	0.00E+00	8.64E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	8.64E-04
5774	ALL	651791.4	4188956	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5775	ALL	651782	4188933	NonCancer	0.00E+00	3.40E-05	8.68E-04	0.00E+00	0.00E+00	8.68E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	8.68E-04
5776	ALL	651772.5	4188910	NonCancer	0.00E+00	3.36E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
5777	ALL	651763.1	4188887	NonCancer	0.00E+00	3.49E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
5778	ALL	651753.6	4188865	NonCancer	0.00E+00	3.71E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.71E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
5779	ALL	651744.1	4188842	NonCancer	0.00E+00	3.74E-05	9.53E-04	0.00E+00	0.00E+00	9.53E-04	3.74E-05	0.00E+00	3.74E-05	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	9.53E-04
5780	ALL	651734.7	4188819	NonCancer	0.00E+00	3.58E-05	9.17E-04	0.00E+00	0.00E+00	9.17E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	9.17E-04
5781	ALL	651725.2	4188797	NonCancer	0.00E+00	3.73E-05	9.52E-04	0.00E+00	0.00E+00	9.52E-04	3.73E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	9.52E-04
5782	ALL	651715.8	4188774	NonCancer	0.00E+00	3.82E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
5783	ALL	651706.3	4188751	NonCancer	0.00E+00	4.04E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5784	ALL	651696.8	4188728	NonCancer	0.00E+00	4.59E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.59E-05	0.00E+00	4.59E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
5785	ALL	651687.4	4188706	NonCancer	0.00E+00	4.99E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.99E-05	0.00E+00	4.99E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
5786	ALL	651677.9	4188683	NonCancer	0.00E+00	5.18E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
5787	ALL	651668.5	4188660	NonCancer	0.00E+00	5.15E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
5788	ALL	651659	4188638	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5789	ALL	651649.6	4188615	NonCancer	0.00E+00	4.45E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.45E-05	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
5790	ALL	651640.1	4188592	NonCancer	0.00E+00	3.88E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5791	ALL	651630.6	4188569	NonCancer	0.00E+00	3.41E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
5792	ALL	651621.2	4188547	NonCancer	0.00E+00	3.53E-05	8.99E-04	0.00E+00	0.00E+00	8.99E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	8.99E-04
5793	ALL	651611.7	4188524	NonCancer	0.00E+00	3.55E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
5794	ALL	651602.3	4188501	NonCancer	0.00E+00	3.42E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
5795	ALL	651592.8	4188479	NonCancer	0.00E+00	3.37E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
5796	ALL	651583.3	4188456	NonCancer	0.00E+00	3.36E-05	8.54E-04	0.00E+00	0.00E+00	8.54E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	8.54E-04
5797	ALL	651573.9	4188433	NonCancer	0.00E+00	3.19E-05	8.13E-04	0.00E+00	0.00E+00	8.13E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.13E-04
5798	ALL	651564.4	4188410	NonCancer	0.00E+00	2.86E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
5799	ALL	651555	4188388	NonCancer	0.00E+00	3.18E-05	8.18E-04	0.00E+00	0.00E+00	8.18E-04	3.18E-05	0.00E+00	3.18E-05	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	8.18E-04

5800	ALL	651545.5	4188365	NonCancer	0.00E+00	3.40E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
5801	ALL	651536.1	4188342	NonCancer	0.00E+00	3.46E-05	8.86E-04	0.00E+00	0.00E+00	8.86E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	8.86E-04
5802	ALL	651526.6	4188319	NonCancer	0.00E+00	3.59E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.59E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
5803	ALL	651517.1	4188297	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5804	ALL	651507.7	4188274	NonCancer	0.00E+00	3.48E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
5805	ALL	651498.2	4188251	NonCancer	0.00E+00	3.56E-05	9.07E-04	0.00E+00	0.00E+00	9.07E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	9.07E-04
5806	ALL	651488.8	4188229	NonCancer	0.00E+00	3.54E-05	9.00E-04	0.00E+00	0.00E+00	9.00E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	9.00E-04
5807	ALL	651479.3	4188206	NonCancer	0.00E+00	3.45E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
5808	ALL	651469.8	4188183	NonCancer	0.00E+00	3.50E-05	8.94E-04	0.00E+00	0.00E+00	8.94E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	8.94E-04
5809	ALL	651460.4	4188160	NonCancer	0.00E+00	3.55E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
5810	ALL	651450.9	4188138	NonCancer	0.00E+00	3.42E-05	8.72E-04	0.00E+00	0.00E+00	8.72E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	8.72E-04
5811	ALL	651441.5	4188115	NonCancer	0.00E+00	3.40E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
5812	ALL	651432	4188092	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5813	ALL	651422.6	4188070	NonCancer	0.00E+00	3.46E-05	8.78E-04	0.00E+00	0.00E+00	8.78E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	8.78E-04
5814	ALL	651413.1	4188047	NonCancer	0.00E+00	3.42E-05	8.68E-04	0.00E+00	0.00E+00	8.68E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	8.68E-04
5815	ALL	651403.6	4188024	NonCancer	0.00E+00	3.33E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
5816	ALL	651394.2	4188001	NonCancer	0.00E+00	3.35E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
5817	ALL	651384.7	4187979	NonCancer	0.00E+00	3.39E-05	8.63E-04	0.00E+00	0.00E+00	8.63E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	8.63E-04
5818	ALL	651375.3	4187956	NonCancer	0.00E+00	3.38E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
5819	ALL	651365.8	4187933	NonCancer	0.00E+00	3.23E-05	8.22E-04	0.00E+00	0.00E+00	8.22E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	8.22E-04
5820	ALL	651356.3	4187910	NonCancer	0.00E+00	2.98E-05	7.63E-04	0.00E+00	0.00E+00	7.63E-04	2.98E-05	0.00E+00	2.98E-05	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
5821	ALL	652117.4	4189725	NonCancer	0.00E+00	2.34E-05	5.98E-04	0.00E+00	0.00E+00	5.98E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	5.98E-04
5822	ALL	651767.1	4190075	NonCancer	0.00E+00	1.73E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
5823	ALL	651757.6	4190053	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5824	ALL	651748.2	4190030	NonCancer	0.00E+00	1.81E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
5825	ALL	651738.8	4190007	NonCancer	0.00E+00	1.81E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
5826	ALL	651729.3	4189985	NonCancer	0.00E+00	1.83E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
5827	ALL	651719.9	4189962	NonCancer	0.00E+00	1.83E-05	4.67E-04	0.00E+00	0.00E+00	4.67E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	4.67E-04
5828	ALL	651710.5	4189939	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5829	ALL	651701	4189917	NonCancer	0.00E+00	1.78E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5830	ALL	651691.6	4189894	NonCancer	0.00E+00	1.75E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
5831	ALL	651682.2	4189871	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
5832	ALL	651672.7	4189849	NonCancer	0.00E+00	1.76E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
5833	ALL	651663.3	4189826	NonCancer	0.00E+00	1.81E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
5834	ALL	651653.9	4189803	NonCancer	0.00E+00	1.90E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5835	ALL	651644.4	4189781	NonCancer	0.00E+00	1.93E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
5836	ALL	651635	4189758	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5837	ALL	651625.6	4189735	NonCancer	0.00E+00	1.83E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
5838	ALL	651616.1	4189713	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5839	ALL	651606.7	4189690	NonCancer	0.00E+00	1.82E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5840	ALL	651597.3	4189667	NonCancer	0.00E+00	1.95E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5841	ALL	651587.8	4189645	NonCancer	0.00E+00	2.03E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
5842	ALL	651578.4	4189622	NonCancer	0.00E+00	1.98E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
5843	ALL	651569	4189599	NonCancer	0.00E+00	1.87E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5844	ALL	651559.5	4189577	NonCancer	0.00E+00	1.87E-05	4.78E-04	0.00E+00	0.00E+00	4.78E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	4.78E-04
5845	ALL	651550.1	4189554	NonCancer	0.00E+00	1.92E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
5846	ALL	651540.7	4189531	NonCancer	0.00E+00	1.89E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5847	ALL	651531.2	4189509	NonCancer	0.00E+00	1.90E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
5848	ALL	651521.8	4189486	NonCancer	0.00E+00	1.99E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
5849	ALL	651512.4	4189463	NonCancer	0.00E+00	2.03E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04

5850	ALL	651502.9	4189441	NonCancer	0.00E+00	2.02E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
5851	ALL	651493.5	4189418	NonCancer	0.00E+00	2.06E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5852	ALL	651484.1	4189395	NonCancer	0.00E+00	2.02E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
5853	ALL	651474.6	4189373	NonCancer	0.00E+00	1.93E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
5854	ALL	651465.2	4189350	NonCancer	0.00E+00	1.98E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5855	ALL	651455.8	4189328	NonCancer	0.00E+00	2.02E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5856	ALL	651446.3	4189305	NonCancer	0.00E+00	2.21E-05	5.70E-04	0.00E+00	0.00E+00	5.70E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	5.70E-04
5857	ALL	651436.9	4189282	NonCancer	0.00E+00	2.41E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
5858	ALL	651427.5	4189260	NonCancer	0.00E+00	2.52E-05	6.42E-04	0.00E+00	0.00E+00	6.42E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	6.42E-04
5859	ALL	651418	4189237	NonCancer	0.00E+00	2.54E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
5860	ALL	651408.6	4189214	NonCancer	0.00E+00	2.44E-05	6.24E-04	0.00E+00	0.00E+00	6.24E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	6.24E-04
5861	ALL	651399.2	4189192	NonCancer	0.00E+00	2.56E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5862	ALL	651389.7	4189169	NonCancer	0.00E+00	2.68E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
5863	ALL	651380.3	4189146	NonCancer	0.00E+00	2.66E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
5864	ALL	651370.9	4189124	NonCancer	0.00E+00	2.57E-05	6.56E-04	0.00E+00	0.00E+00	6.56E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
5865	ALL	651361.4	4189101	NonCancer	0.00E+00	2.55E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5866	ALL	651352	4189078	NonCancer	0.00E+00	2.66E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
5867	ALL	651342.6	4189056	NonCancer	0.00E+00	2.82E-05	7.20E-04	0.00E+00	0.00E+00	7.20E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	7.20E-04
5868	ALL	651333.1	4189033	NonCancer	0.00E+00	2.88E-05	7.32E-04	0.00E+00	0.00E+00	7.32E-04	2.88E-05	0.00E+00	2.88E-05	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	7.32E-04
5869	ALL	651323.7	4189010	NonCancer	0.00E+00	2.81E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
5870	ALL	651314.3	4188988	NonCancer	0.00E+00	2.73E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
5871	ALL	651304.8	4188965	NonCancer	0.00E+00	2.90E-05	7.49E-04	0.00E+00	0.00E+00	7.49E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	7.49E-04
5872	ALL	651295.4	4188942	NonCancer	0.00E+00	2.96E-05	7.77E-04	0.00E+00	0.00E+00	7.77E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	7.77E-04
5873	ALL	651286	4188920	NonCancer	0.00E+00	3.28E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
5874	ALL	651276.5	4188897	NonCancer	0.00E+00	3.73E-05	9.65E-04	0.00E+00	0.00E+00	9.65E-04	3.73E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	9.65E-04
5875	ALL	651267.1	4188874	NonCancer	0.00E+00	4.11E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.11E-05	0.00E+00	4.11E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5876	ALL	651257.7	4188852	NonCancer	0.00E+00	4.38E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5877	ALL	651248.2	4188829	NonCancer	0.00E+00	4.50E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
5878	ALL	651238.8	4188806	NonCancer	0.00E+00	4.47E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
5879	ALL	651229.4	4188784	NonCancer	0.00E+00	4.29E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
5880	ALL	651219.9	4188761	NonCancer	0.00E+00	3.99E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
5881	ALL	651210.5	4188738	NonCancer	0.00E+00	3.58E-05	9.24E-04	0.00E+00	0.00E+00	9.24E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	9.24E-04
5882	ALL	651201.1	4188716	NonCancer	0.00E+00	3.09E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
5883	ALL	651191.6	4188693	NonCancer	0.00E+00	2.65E-05	7.04E-04	0.00E+00	0.00E+00	7.04E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	7.04E-04
5884	ALL	651182.2	4188670	NonCancer	0.00E+00	2.71E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
5885	ALL	651172.8	4188648	NonCancer	0.00E+00	2.74E-05	6.95E-04	0.00E+00	0.00E+00	6.95E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	6.95E-04
5886	ALL	651163.3	4188625	NonCancer	0.00E+00	2.65E-05	6.74E-04	0.00E+00	0.00E+00	6.74E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
5887	ALL	651153.9	4188602	NonCancer	0.00E+00	2.62E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
5888	ALL	651144.5	4188580	NonCancer	0.00E+00	2.57E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
5889	ALL	651135	4188557	NonCancer	0.00E+00	2.58E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5890	ALL	651125.6	4188534	NonCancer	0.00E+00	2.47E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
5891	ALL	651116.2	4188512	NonCancer	0.00E+00	2.25E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
5892	ALL	651106.7	4188489	NonCancer	0.00E+00	2.27E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
5893	ALL	651097.3	4188466	NonCancer	0.00E+00	2.50E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
5894	ALL	651087.9	4188444	NonCancer	0.00E+00	2.62E-05	6.67E-04	0.00E+00	0.00E+00	6.67E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.67E-04
5895	ALL	651078.5	4188421	NonCancer	0.00E+00	2.64E-05	6.76E-04	0.00E+00	0.00E+00	6.76E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	6.76E-04
5896	ALL	651069	4188398	NonCancer	0.00E+00	2.75E-05	6.98E-04	0.00E+00	0.00E+00	6.98E-04	2.75E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	6.98E-04
5897	ALL	651059.6	4188376	NonCancer	0.00E+00	2.73E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
5898	ALL	651050.2	4188353	NonCancer	0.00E+00	2.66E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
5899	ALL	651040.7	4188330	NonCancer	0.00E+00	2.65E-05	6.79E-04	0.00E+00	0.00E+00	6.79E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	6.79E-04

5900	ALL	651031.3	4188308	NonCancer	0.00E+00	2.73E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
5901	ALL	651021.9	4188285	NonCancer	0.00E+00	2.71E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5902	ALL	651012.4	4188263	NonCancer	0.00E+00	2.63E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
5903	ALL	651003	4188240	NonCancer	0.00E+00	2.63E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
5904	ALL	650993.6	4188217	NonCancer	0.00E+00	2.72E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
5905	ALL	650984.1	4188195	NonCancer	0.00E+00	2.71E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
5906	ALL	650974.7	4188172	NonCancer	0.00E+00	2.60E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5907	ALL	650965.3	4188149	NonCancer	0.00E+00	2.58E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
5908	ALL	650955.8	4188127	NonCancer	0.00E+00	2.68E-05	6.83E-04	0.00E+00	0.00E+00	6.83E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	6.83E-04
5909	ALL	650946.4	4188104	NonCancer	0.00E+00	2.69E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
5910	ALL	650937	4188081	NonCancer	0.00E+00	2.60E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5911	ALL	650927.5	4188059	NonCancer	0.00E+00	2.62E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
5912	ALL	650918.1	4188036	NonCancer	0.00E+00	2.54E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
5913	ALL	650908.7	4188013	NonCancer	0.00E+00	2.57E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5914	ALL	650899.2	4187991	NonCancer	0.00E+00	2.57E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5915	ALL	650889.8	4187968	NonCancer	0.00E+00	2.61E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5916	ALL	650880.4	4187945	NonCancer	0.00E+00	2.57E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
5917	ALL	650870.9	4187923	NonCancer	0.00E+00	2.44E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
5918	ALL	650861.5	4187900	NonCancer	0.00E+00	2.28E-05	5.82E-04	0.00E+00	0.00E+00	5.82E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	5.82E-04
5919	ALL	650852.1	4187877	NonCancer	0.00E+00	2.19E-05	5.68E-04	0.00E+00	0.00E+00	5.68E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	5.68E-04
5920	ALL	651780.9	4190095	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5921	ALL	651430.5	4190445	NonCancer	0.00E+00	1.38E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
5922	ALL	651421.1	4190422	NonCancer	0.00E+00	1.38E-05	3.51E-04	0.00E+00	0.00E+00	3.51E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
5923	ALL	651411.6	4190400	NonCancer	0.00E+00	1.43E-05	3.63E-04	0.00E+00	0.00E+00	3.63E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	3.63E-04
5924	ALL	651402.2	4190377	NonCancer	0.00E+00	1.45E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
5925	ALL	651392.7	4190354	NonCancer	0.00E+00	1.43E-05	3.65E-04	0.00E+00	0.00E+00	3.65E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	3.65E-04
5926	ALL	651383.2	4190331	NonCancer	0.00E+00	1.46E-05	3.70E-04	0.00E+00	0.00E+00	3.70E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	3.70E-04
5927	ALL	651373.8	4190309	NonCancer	0.00E+00	1.46E-05	3.72E-04	0.00E+00	0.00E+00	3.72E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.72E-04
5928	ALL	651364.3	4190286	NonCancer	0.00E+00	1.44E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
5929	ALL	651354.9	4190263	NonCancer	0.00E+00	1.42E-05	3.62E-04	0.00E+00	0.00E+00	3.62E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
5930	ALL	651345.4	4190241	NonCancer	0.00E+00	1.41E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
5931	ALL	651336	4190218	NonCancer	0.00E+00	1.41E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
5932	ALL	651326.5	4190195	NonCancer	0.00E+00	1.41E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
5933	ALL	651317.1	4190172	NonCancer	0.00E+00	1.40E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
5934	ALL	651307.6	4190150	NonCancer	0.00E+00	1.43E-05	3.65E-04	0.00E+00	0.00E+00	3.65E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	3.65E-04
5935	ALL	651298.1	4190127	NonCancer	0.00E+00	1.50E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
5936	ALL	651288.7	4190104	NonCancer	0.00E+00	1.54E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
5937	ALL	651279.2	4190082	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5938	ALL	651269.8	4190059	NonCancer	0.00E+00	1.51E-05	3.84E-04	0.00E+00	0.00E+00	3.84E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
5939	ALL	651260.3	4190036	NonCancer	0.00E+00	1.43E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
5940	ALL	651250.9	4190013	NonCancer	0.00E+00	1.42E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
5941	ALL	651241.4	4189991	NonCancer	0.00E+00	1.52E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
5942	ALL	651232	4189968	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
5943	ALL	651222.5	4189945	NonCancer	0.00E+00	1.79E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
5944	ALL	651213	4189923	NonCancer	0.00E+00	1.80E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
5945	ALL	651203.6	4189900	NonCancer	0.00E+00	1.73E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
5946	ALL	651194.1	4189877	NonCancer	0.00E+00	1.57E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5947	ALL	651184.7	4189854	NonCancer	0.00E+00	1.49E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
5948	ALL	651175.2	4189832	NonCancer	0.00E+00	1.53E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
5949	ALL	651165.8	4189809	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04

5950	ALL	651156.3	4189786	NonCancer	0.00E+00	1.51E-05	3.84E-04	0.00E+00	0.00E+00	3.84E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
5951	ALL	651146.8	4189764	NonCancer	0.00E+00	1.54E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
5952	ALL	651137.4	4189741	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5953	ALL	651127.9	4189718	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5954	ALL	651118.5	4189695	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
5955	ALL	651109	4189673	NonCancer	0.00E+00	1.64E-05	4.17E-04	0.00E+00	0.00E+00	4.17E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	4.17E-04
5956	ALL	651099.6	4189650	NonCancer	0.00E+00	1.62E-05	4.14E-04	0.00E+00	0.00E+00	4.14E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	4.14E-04
5957	ALL	651090.1	4189627	NonCancer	0.00E+00	1.57E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
5958	ALL	651080.7	4189605	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5959	ALL	651071.2	4189582	NonCancer	0.00E+00	1.59E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5960	ALL	651061.7	4189559	NonCancer	0.00E+00	1.61E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5961	ALL	651052.3	4189536	NonCancer	0.00E+00	1.73E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5962	ALL	651042.8	4189514	NonCancer	0.00E+00	1.89E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5963	ALL	651033.4	4189491	NonCancer	0.00E+00	1.99E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
5964	ALL	651023.9	4189468	NonCancer	0.00E+00	2.03E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
5965	ALL	651014.5	4189446	NonCancer	0.00E+00	2.00E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
5966	ALL	651005	4189423	NonCancer	0.00E+00	1.91E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
5967	ALL	650995.6	4189400	NonCancer	0.00E+00	2.06E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
5968	ALL	650986.1	4189377	NonCancer	0.00E+00	2.14E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
5969	ALL	650976.6	4189355	NonCancer	0.00E+00	2.14E-05	5.44E-04	0.00E+00	0.00E+00	5.44E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	5.44E-04
5970	ALL	650967.2	4189332	NonCancer	0.00E+00	2.05E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5971	ALL	650957.7	4189309	NonCancer	0.00E+00	2.05E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
5972	ALL	650948.3	4189287	NonCancer	0.00E+00	2.01E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
5973	ALL	650938.8	4189264	NonCancer	0.00E+00	2.15E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5974	ALL	650929.4	4189241	NonCancer	0.00E+00	2.26E-05	5.77E-04	0.00E+00	0.00E+00	5.77E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	5.77E-04
5975	ALL	650919.9	4189218	NonCancer	0.00E+00	2.30E-05	5.85E-04	0.00E+00	0.00E+00	5.85E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	5.85E-04
5976	ALL	650910.5	4189196	NonCancer	0.00E+00	2.26E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
5977	ALL	650901	4189173	NonCancer	0.00E+00	2.16E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
5978	ALL	650891.5	4189150	NonCancer	0.00E+00	2.27E-05	5.91E-04	0.00E+00	0.00E+00	5.91E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	5.91E-04
5979	ALL	650882.1	4189128	NonCancer	0.00E+00	2.36E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
5980	ALL	650872.6	4189105	NonCancer	0.00E+00	2.47E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
5981	ALL	650863.2	4189082	NonCancer	0.00E+00	2.81E-05	7.39E-04	0.00E+00	0.00E+00	7.39E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	7.39E-04
5982	ALL	650853.7	4189059	NonCancer	0.00E+00	3.18E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.18E-05	0.00E+00	3.18E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
5983	ALL	650844.3	4189037	NonCancer	0.00E+00	3.51E-05	8.98E-04	0.00E+00	0.00E+00	8.98E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
5984	ALL	650834.8	4189014	NonCancer	0.00E+00	3.78E-05	9.60E-04	0.00E+00	0.00E+00	9.60E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	9.60E-04
5985	ALL	650825.4	4188991	NonCancer	0.00E+00	3.94E-05	9.95E-04	0.00E+00	0.00E+00	9.95E-04	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	9.95E-04
5986	ALL	650815.9	4188969	NonCancer	0.00E+00	3.99E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5987	ALL	650806.4	4188946	NonCancer	0.00E+00	3.93E-05	9.93E-04	0.00E+00	0.00E+00	9.93E-04	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	9.93E-04
5988	ALL	650797	4188923	NonCancer	0.00E+00	3.76E-05	9.55E-04	0.00E+00	0.00E+00	9.55E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	9.55E-04
5989	ALL	650787.5	4188900	NonCancer	0.00E+00	3.50E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5990	ALL	650778.1	4188878	NonCancer	0.00E+00	3.14E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
5991	ALL	650768.6	4188855	NonCancer	0.00E+00	2.78E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
5992	ALL	650759.2	4188832	NonCancer	0.00E+00	2.41E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5993	ALL	650749.7	4188810	NonCancer	0.00E+00	2.12E-05	5.69E-04	0.00E+00	0.00E+00	5.69E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	5.69E-04
5994	ALL	650740.2	4188787	NonCancer	0.00E+00	2.19E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
5995	ALL	650730.8	4188764	NonCancer	0.00E+00	2.19E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
5996	ALL	650721.3	4188741	NonCancer	0.00E+00	2.13E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5997	ALL	650711.9	4188719	NonCancer	0.00E+00	2.09E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
5998	ALL	650702.4	4188696	NonCancer	0.00E+00	2.06E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
5999	ALL	650693	4188673	NonCancer	0.00E+00	2.08E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04

6000	ALL	650683.5	4188651	NonCancer	0.00E+00	2.05E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
6001	ALL	650674.1	4188628	NonCancer	0.00E+00	1.95E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
6002	ALL	650664.6	4188605	NonCancer	0.00E+00	1.77E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
6003	ALL	650655.1	4188582	NonCancer	0.00E+00	1.77E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
6004	ALL	650645.7	4188560	NonCancer	0.00E+00	1.95E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
6005	ALL	650636.2	4188537	NonCancer	0.00E+00	2.06E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
6006	ALL	650626.8	4188514	NonCancer	0.00E+00	2.11E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
6007	ALL	650617.3	4188492	NonCancer	0.00E+00	2.14E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
6008	ALL	650607.9	4188469	NonCancer	0.00E+00	2.20E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
6009	ALL	650598.4	4188446	NonCancer	0.00E+00	2.18E-05	5.54E-04	0.00E+00	0.00E+00	5.54E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	5.54E-04
6010	ALL	650589	4188423	NonCancer	0.00E+00	2.12E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
6011	ALL	650579.5	4188401	NonCancer	0.00E+00	2.13E-05	5.43E-04	0.00E+00	0.00E+00	5.43E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	5.43E-04
6012	ALL	650570	4188378	NonCancer	0.00E+00	2.16E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04
6013	ALL	650560.6	4188355	NonCancer	0.00E+00	2.18E-05	5.55E-04	0.00E+00	0.00E+00	5.55E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	5.55E-04
6014	ALL	650551.1	4188333	NonCancer	0.00E+00	2.15E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
6015	ALL	650541.7	4188310	NonCancer	0.00E+00	2.10E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
6016	ALL	650532.2	4188287	NonCancer	0.00E+00	2.10E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
6017	ALL	650522.8	4188264	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
6018	ALL	650513.3	4188242	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
6019	ALL	650503.9	4188219	NonCancer	0.00E+00	2.12E-05	5.39E-04	0.00E+00	0.00E+00	5.39E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	5.39E-04
6020	ALL	650494.4	4188196	NonCancer	0.00E+00	2.01E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
6021	ALL	650484.9	4188174	NonCancer	0.00E+00	2.08E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
6022	ALL	650475.5	4188151	NonCancer	0.00E+00	2.15E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
6023	ALL	650466	4188128	NonCancer	0.00E+00	2.15E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
6024	ALL	650456.6	4188105	NonCancer	0.00E+00	2.09E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
6025	ALL	650447.1	4188083	NonCancer	0.00E+00	2.10E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
6026	ALL	650437.7	4188060	NonCancer	0.00E+00	2.06E-05	5.24E-04	0.00E+00	0.00E+00	5.24E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	5.24E-04
6027	ALL	650428.2	4188037	NonCancer	0.00E+00	2.05E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
6028	ALL	650418.7	4188015	NonCancer	0.00E+00	2.05E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
6029	ALL	650409.3	4187992	NonCancer	0.00E+00	2.06E-05	5.24E-04	0.00E+00	0.00E+00	5.24E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	5.24E-04
6030	ALL	650399.8	4187969	NonCancer	0.00E+00	2.09E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
6031	ALL	650390.4	4187946	NonCancer	0.00E+00	2.06E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
6032	ALL	650380.9	4187924	NonCancer	0.00E+00	1.98E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
6033	ALL	650371.5	4187901	NonCancer	0.00E+00	1.85E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
6034	ALL	650362	4187878	NonCancer	0.00E+00	1.79E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
6035	ALL	650352.6	4187856	NonCancer	0.00E+00	1.76E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
6036	ALL	651094	4190815	NonCancer	0.00E+00	1.14E-05	2.91E-04	0.00E+00	0.00E+00	2.91E-04	1.14E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	2.91E-04
6037	ALL	651084.6	4190792	NonCancer	0.00E+00	1.13E-05	2.89E-04	0.00E+00	0.00E+00	2.89E-04	1.13E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	2.89E-04
6038	ALL	651075.1	4190770	NonCancer	0.00E+00	1.16E-05	2.94E-04	0.00E+00	0.00E+00	2.94E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
6039	ALL	651065.7	4190747	NonCancer	0.00E+00	1.18E-05	3.01E-04	0.00E+00	0.00E+00	3.01E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	3.01E-04
6040	ALL	651056.3	4190724	NonCancer	0.00E+00	1.19E-05	3.02E-04	0.00E+00	0.00E+00	3.02E-04	1.19E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	3.02E-04
6041	ALL	651046.8	4190702	NonCancer	0.00E+00	1.17E-05	2.99E-04	0.00E+00	0.00E+00	2.99E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.99E-04
6042	ALL	651037.4	4190679	NonCancer	0.00E+00	1.20E-05	3.05E-04	0.00E+00	0.00E+00	3.05E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
6043	ALL	651028	4190656	NonCancer	0.00E+00	1.21E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
6044	ALL	651018.5	4190634	NonCancer	0.00E+00	1.19E-05	3.02E-04	0.00E+00	0.00E+00	3.02E-04	1.19E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	3.02E-04
6045	ALL	651009.1	4190611	NonCancer	0.00E+00	1.16E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
6046	ALL	650999.6	4190588	NonCancer	0.00E+00	1.17E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
6047	ALL	650990.2	4190566	NonCancer	0.00E+00	1.22E-05	3.07E-04	0.00E+00	0.00E+00	3.07E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
6048	ALL	650980.8	4190543	NonCancer	0.00E+00	1.24E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
6049	ALL	650971.3	4190520	NonCancer	0.00E+00	1.24E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04

6050	ALL	650961.9	4190497	NonCancer	0.00E+00	1.21E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
6051	ALL	650952.5	4190475	NonCancer	0.00E+00	1.23E-05	3.11E-04	0.00E+00	0.00E+00	3.11E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	3.11E-04
6052	ALL	650943	4190452	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
6053	ALL	650933.6	4190429	NonCancer	0.00E+00	1.25E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
6054	ALL	650924.1	4190407	NonCancer	0.00E+00	1.27E-05	3.23E-04	0.00E+00	0.00E+00	3.23E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	3.23E-04
6055	ALL	650914.7	4190384	NonCancer	0.00E+00	1.26E-05	3.21E-04	0.00E+00	0.00E+00	3.21E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
6056	ALL	650905.3	4190361	NonCancer	0.00E+00	1.22E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
6057	ALL	650895.8	4190339	NonCancer	0.00E+00	1.16E-05	3.00E-04	0.00E+00	0.00E+00	3.00E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	3.00E-04
6058	ALL	650886.4	4190316	NonCancer	0.00E+00	1.18E-05	3.04E-04	0.00E+00	0.00E+00	3.04E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
6059	ALL	650877	4190293	NonCancer	0.00E+00	1.32E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
6060	ALL	650867.5	4190271	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
6061	ALL	650858.1	4190248	NonCancer	0.00E+00	1.58E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
6062	ALL	650848.6	4190225	NonCancer	0.00E+00	1.63E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
6063	ALL	650839.2	4190203	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
6064	ALL	650829.8	4190180	NonCancer	0.00E+00	1.53E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
6065	ALL	650820.3	4190157	NonCancer	0.00E+00	1.39E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
6066	ALL	650810.9	4190135	NonCancer	0.00E+00	1.24E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
6067	ALL	650801.5	4190112	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
6068	ALL	650792	4190089	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
6069	ALL	650782.6	4190067	NonCancer	0.00E+00	1.23E-05	3.15E-04	0.00E+00	0.00E+00	3.15E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
6070	ALL	650773.1	4190044	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
6071	ALL	650763.7	4190021	NonCancer	0.00E+00	1.28E-05	3.26E-04	0.00E+00	0.00E+00	3.26E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
6072	ALL	650754.3	4189999	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
6073	ALL	650744.8	4189976	NonCancer	0.00E+00	1.33E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
6074	ALL	650735.4	4189953	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
6075	ALL	650726	4189931	NonCancer	0.00E+00	1.34E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
6076	ALL	650716.5	4189908	NonCancer	0.00E+00	1.34E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
6077	ALL	650707.1	4189885	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
6078	ALL	650697.7	4189863	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
6079	ALL	650688.2	4189840	NonCancer	0.00E+00	1.29E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
6080	ALL	650678.8	4189817	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
6081	ALL	650669.3	4189795	NonCancer	0.00E+00	1.33E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
6082	ALL	650659.9	4189772	NonCancer	0.00E+00	1.38E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
6083	ALL	650650.5	4189749	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
6084	ALL	650641	4189727	NonCancer	0.00E+00	1.60E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
6085	ALL	650631.6	4189704	NonCancer	0.00E+00	1.66E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
6086	ALL	650622.2	4189681	NonCancer	0.00E+00	1.67E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
6087	ALL	650612.7	4189659	NonCancer	0.00E+00	1.63E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
6088	ALL	650603.3	4189636	NonCancer	0.00E+00	1.56E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
6089	ALL	650593.8	4189613	NonCancer	0.00E+00	1.68E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
6090	ALL	650584.4	4189591	NonCancer	0.00E+00	1.76E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
6091	ALL	650575	4189568	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
6092	ALL	650565.5	4189545	NonCancer	0.00E+00	1.73E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
6093	ALL	650556.1	4189523	NonCancer	0.00E+00	1.68E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
6094	ALL	650546.7	4189500	NonCancer	0.00E+00	1.67E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
6095	ALL	650537.2	4189477	NonCancer	0.00E+00	1.64E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
6096	ALL	650527.8	4189455	NonCancer	0.00E+00	1.76E-05	4.51E-04	0.00E+00	0.00E+00	4.51E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	4.51E-04
6097	ALL	650518.3	4189432	NonCancer	0.00E+00	1.84E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
6098	ALL	650508.9	4189409	NonCancer	0.00E+00	1.88E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
6099	ALL	650499.5	4189387	NonCancer	0.00E+00	1.87E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04

6100	ALL	650490	4189364	NonCancer	0.00E+00	1.82E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
6101	ALL	650480.6	4189341	NonCancer	0.00E+00	1.78E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
6102	ALL	650471.2	4189319	NonCancer	0.00E+00	1.89E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
6103	ALL	650461.7	4189296	NonCancer	0.00E+00	1.95E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
6104	ALL	650452.3	4189273	NonCancer	0.00E+00	2.07E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
6105	ALL	650442.8	4189251	NonCancer	0.00E+00	2.39E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
6106	ALL	650433.4	4189228	NonCancer	0.00E+00	2.69E-05	7.03E-04	0.00E+00	0.00E+00	7.03E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	7.03E-04
6107	ALL	650424	4189205	NonCancer	0.00E+00	2.97E-05	7.65E-04	0.00E+00	0.00E+00	7.65E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	7.65E-04
6108	ALL	650414.5	4189183	NonCancer	0.00E+00	3.20E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
6109	ALL	650405.1	4189160	NonCancer	0.00E+00	3.38E-05	8.57E-04	0.00E+00	0.00E+00	8.57E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	8.57E-04
6110	ALL	650395.7	4189137	NonCancer	0.00E+00	3.48E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
6111	ALL	650386.2	4189115	NonCancer	0.00E+00	3.51E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
6112	ALL	650376.8	4189092	NonCancer	0.00E+00	3.46E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
6113	ALL	650367.3	4189069	NonCancer	0.00E+00	3.33E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
6114	ALL	650357.9	4189047	NonCancer	0.00E+00	3.14E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
6115	ALL	650348.5	4189024	NonCancer	0.00E+00	2.89E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
6116	ALL	650339	4189001	NonCancer	0.00E+00	2.61E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
6117	ALL	650329.6	4188979	NonCancer	0.00E+00	2.30E-05	6.07E-04	0.00E+00	0.00E+00	6.07E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	6.07E-04
6118	ALL	650320.2	4188956	NonCancer	0.00E+00	1.99E-05	5.34E-04	0.00E+00	0.00E+00	5.34E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
6119	ALL	650310.7	4188933	NonCancer	0.00E+00	1.75E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
6120	ALL	650301.3	4188911	NonCancer	0.00E+00	1.80E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
6121	ALL	650291.8	4188888	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
6122	ALL	650282.4	4188865	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
6123	ALL	650273	4188843	NonCancer	0.00E+00	1.71E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
6124	ALL	650263.5	4188820	NonCancer	0.00E+00	1.71E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
6125	ALL	650254.1	4188797	NonCancer	0.00E+00	1.67E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
6126	ALL	650244.7	4188775	NonCancer	0.00E+00	1.71E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
6127	ALL	650235.2	4188752	NonCancer	0.00E+00	1.68E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
6128	ALL	650225.8	4188729	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
6129	ALL	650216.3	4188707	NonCancer	0.00E+00	1.48E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
6130	ALL	650206.9	4188684	NonCancer	0.00E+00	1.40E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
6131	ALL	650197.5	4188661	NonCancer	0.00E+00	1.51E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
6132	ALL	650188	4188639	NonCancer	0.00E+00	1.63E-05	4.17E-04	0.00E+00	0.00E+00	4.17E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	4.17E-04
6133	ALL	650178.6	4188616	NonCancer	0.00E+00	1.70E-05	4.34E-04	0.00E+00	0.00E+00	4.34E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	4.34E-04
6134	ALL	650169.2	4188593	NonCancer	0.00E+00	1.73E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
6135	ALL	650159.7	4188571	NonCancer	0.00E+00	1.75E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
6136	ALL	650150.3	4188548	NonCancer	0.00E+00	1.80E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
6137	ALL	650140.9	4188525	NonCancer	0.00E+00	1.81E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
6138	ALL	650131.4	4188503	NonCancer	0.00E+00	1.76E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
6139	ALL	650122	4188480	NonCancer	0.00E+00	1.75E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
6140	ALL	650112.5	4188457	NonCancer	0.00E+00	1.74E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
6141	ALL	650103.1	4188435	NonCancer	0.00E+00	1.78E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
6142	ALL	650093.7	4188412	NonCancer	0.00E+00	1.79E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
6143	ALL	650084.2	4188389	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
6144	ALL	650074.8	4188367	NonCancer	0.00E+00	1.72E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
6145	ALL	650065.4	4188344	NonCancer	0.00E+00	1.73E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
6146	ALL	650055.9	4188321	NonCancer	0.00E+00	1.75E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
6147	ALL	650046.5	4188299	NonCancer	0.00E+00	1.79E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
6148	ALL	650037	4188276	NonCancer	0.00E+00	1.78E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
6149	ALL	650027.6	4188253	NonCancer	0.00E+00	1.73E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04

6150	ALL	650018.2	4188230	NonCancer	0.00E+00	1.64E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
6151	ALL	650008.7	4188208	NonCancer	0.00E+00	1.69E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
6152	ALL	649999.3	4188185	NonCancer	0.00E+00	1.75E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
6153	ALL	649989.9	4188162	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
6154	ALL	649980.4	4188140	NonCancer	0.00E+00	1.74E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
6155	ALL	649971	4188117	NonCancer	0.00E+00	1.71E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
6156	ALL	649961.5	4188094	NonCancer	0.00E+00	1.72E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
6157	ALL	649952.1	4188072	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
6158	ALL	649942.7	4188049	NonCancer	0.00E+00	1.68E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
6159	ALL	649933.2	4188026	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
6160	ALL	649923.8	4188004	NonCancer	0.00E+00	1.67E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
6161	ALL	649914.4	4187981	NonCancer	0.00E+00	1.71E-05	4.34E-04	0.00E+00	0.00E+00	4.34E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	4.34E-04
6162	ALL	649904.9	4187958	NonCancer	0.00E+00	1.71E-05	4.34E-04	0.00E+00	0.00E+00	4.34E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	4.34E-04
6163	ALL	649895.5	4187936	NonCancer	0.00E+00	1.67E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
6164	ALL	649886	4187913	NonCancer	0.00E+00	1.60E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
6165	ALL	649876.6	4187890	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
6166	ALL	649867.2	4187868	NonCancer	0.00E+00	1.47E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
6167	ALL	649857.7	4187845	NonCancer	0.00E+00	1.42E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
6168	ALL	651107.8	4190835	NonCancer	0.00E+00	1.18E-05	2.99E-04	0.00E+00	0.00E+00	2.99E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.99E-04
6169	ALL	653689.9	4187979	NonCancer	0.00E+00	5.62E-03	1.50E-01	0.00E+00	0.00E+00	1.50E-01	5.62E-03	0.00E+00	5.62E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	1.50E-01
6170	ALL	653699	4187987	NonCancer	0.00E+00	4.62E-03	1.17E-01	0.00E+00	0.00E+00	1.17E-01	4.62E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	1.17E-01
6171	ALL	653712.3	4187989	NonCancer	0.00E+00	4.75E-03	1.46E-01	0.00E+00	0.00E+00	1.46E-01	4.75E-03	0.00E+00	4.75E-03	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	1.46E-01
6172	ALL	653810.5	4187989	NonCancer	0.00E+00	2.48E-03	5.96E-02	0.00E+00	0.00E+00	5.96E-02	2.48E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	5.96E-02	0.00E+00	0.00E+00	5.96E-02
6173	ALL	653818.4	4187878	NonCancer	0.00E+00	1.51E-03	3.68E-02	0.00E+00	0.00E+00	3.68E-02	1.51E-03	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	3.68E-02
6174	ALL	653694.5	4187874	NonCancer	0.00E+00	1.71E-03	4.41E-02	0.00E+00	0.00E+00	4.41E-02	1.71E-03	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.41E-02	0.00E+00	0.00E+00	4.41E-02

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		653690.1	4187328	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.51E-05	0.00E+00	6.05E-06	0.00E+00	1.61E-07	9.30E-05	0.00E+00	0.00E+00	9.30E-05
2	ALL		653710.1	4187328	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.51E-05	0.00E+00	5.96E-06	0.00E+00	1.59E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
3	ALL		653730.1	4187328	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.52E-05	0.00E+00	5.92E-06	0.00E+00	1.58E-07	9.17E-05	0.00E+00	0.00E+00	9.17E-05
4	ALL		653750.1	4187328	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.55E-05	0.00E+00	5.95E-06	0.00E+00	1.58E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
5	ALL		653770.1	4187328	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.60E-05	0.00E+00	6.02E-06	0.00E+00	1.60E-07	9.33E-05	0.00E+00	0.00E+00	9.33E-05
6	ALL		653790.1	4187328	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.66E-05	0.00E+00	6.14E-06	0.00E+00	1.64E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
7	ALL		653810.1	4187328	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.72E-05	0.00E+00	6.29E-06	0.00E+00	1.67E-07	9.72E-05	0.00E+00	0.00E+00	9.72E-05
8	ALL		653830.1	4187328	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.79E-05	0.00E+00	6.43E-06	0.00E+00	1.71E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
9	ALL		653850.1	4187328	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.84E-05	0.00E+00	6.56E-06	0.00E+00	1.75E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
10	ALL		653870.1	4187328	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.88E-05	0.00E+00	6.65E-06	0.00E+00	1.77E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
11	ALL		653890.1	4187328	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.92E-05	0.00E+00	6.72E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
12	ALL		653910.1	4187328	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.94E-05	0.00E+00	6.77E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
13	ALL		653930.1	4187328	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.96E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
14	ALL		653950.1	4187328	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.98E-05	0.00E+00	6.86E-06	0.00E+00	1.83E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
15	ALL		653970.1	4187328	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	3.98E-05	0.00E+00	6.90E-06	0.00E+00	1.84E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
16	ALL		653990.1	4187328	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.97E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
17	ALL		654010.1	4187328	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.94E-05	0.00E+00	6.92E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
18	ALL		654030.1	4187328	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	3.90E-05	0.00E+00	6.87E-06	0.00E+00	1.84E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
19	ALL		654050.1	4187328	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.85E-05	0.00E+00	6.79E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
20	ALL		654070.1	4187328	NonCancer	0.00E+00	2.68E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	3.78E-05	0.00E+00	6.66E-06	0.00E+00	1.78E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
21	ALL		654090.1	4187328	NonCancer	0.00E+00	2.62E-06	0.00E+00	1.74E-07	1.74E-07	1.74E-07	3.71E-05	0.00E+00	6.51E-06	0.00E+00	1.74E-07	9.97E-05	0.00E+00	0.00E+00	9.97E-05
22	ALL		654110.1	4187328	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.65E-05	0.00E+00	6.36E-06	0.00E+00	1.70E-07	9.75E-05	0.00E+00	0.00E+00	9.75E-05
23	ALL		654130.1	4187328	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.58E-05	0.00E+00	6.22E-06	0.00E+00	1.66E-07	9.55E-05	0.00E+00	0.00E+00	9.55E-05
24	ALL		654150.1	4187328	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.63E-07	1.63E-07	1.63E-07	3.53E-05	0.00E+00	6.10E-06	0.00E+00	1.63E-07	9.37E-05	0.00E+00	0.00E+00	9.37E-05
25	ALL		654170.1	4187328	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.48E-05	0.00E+00	6.01E-06	0.00E+00	1.60E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
26	ALL		654190.1	4187328	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.44E-05	0.00E+00	5.94E-06	0.00E+00	1.58E-07	9.12E-05	0.00E+00	0.00E+00	9.12E-05
27	ALL		654210.1	4187328	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.40E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	9.03E-05	0.00E+00	0.00E+00	9.03E-05
28	ALL		654230.1	4187328	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.36E-05	0.00E+00	5.84E-06	0.00E+00	1.56E-07	8.96E-05	0.00E+00	0.00E+00	8.96E-05
29	ALL		654250.1	4187328	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.33E-05	0.00E+00	5.80E-06	0.00E+00	1.55E-07	8.88E-05	0.00E+00	0.00E+00	8.88E-05
30	ALL		654270.1	4187328	NonCancer	0.00E+00	2.31E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.29E-05	0.00E+00	5.75E-06	0.00E+00	1.53E-07	8.80E-05	0.00E+00	0.00E+00	8.80E-05
31	ALL		654290.1	4187328	NonCancer	0.00E+00	2.29E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.25E-05	0.00E+00	5.70E-06	0.00E+00	1.52E-07	8.72E-05	0.00E+00	0.00E+00	8.72E-05
32	ALL		654310.1	4187328	NonCancer	0.00E+00	2.27E-06	0.00E+00	1.51E-07	1.51E-07	1.51E-07	3.21E-05	0.00E+00	5.64E-06	0.00E+00	1.51E-07	8.62E-05	0.00E+00	0.00E+00	8.62E-05
33	ALL		654330.1	4187328	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.17E-05	0.00E+00	5.57E-06	0.00E+00	1.49E-07	8.51E-05	0.00E+00	0.00E+00	8.51E-05
34	ALL		654350.1	4187328	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.12E-05	0.00E+00	5.49E-06	0.00E+00	1.47E-07	8.39E-05	0.00E+00	0.00E+00	8.39E-05
35	ALL		654370.1	4187328	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.07E-05	0.00E+00	5.41E-06	0.00E+00	1.44E-07	8.26E-05	0.00E+00	0.00E+00	8.26E-05
36	ALL		654390.1	4187328	NonCancer	0.00E+00	2.14E-06	0.00E+00	1.42E-07	1.42E-07	1.42E-07	3.02E-05	0.00E+00	5.31E-06	0.00E+00	1.42E-07	8.12E-05	0.00E+00	0.00E+00	8.12E-05
37	ALL		654410.1	4187328	NonCancer	0.00E+00	2.10E-06	0.00E+00	1.39E-07	1.39E-07	1.39E-07	2.96E-05	0.00E+00	5.22E-06	0.00E+00	1.39E-07	7.97E-05	0.00E+00	0.00E+00	7.97E-05
38	ALL		654430.1	4187328	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	2.91E-05	0.00E+00	5.12E-06	0.00E+00	1.37E-07	7.82E-05	0.00E+00	0.00E+00	7.82E-05
39	ALL		654450.1	4187328	NonCancer	0.00E+00	2.02E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	2.85E-05	0.00E+00	5.02E-06	0.00E+00	1.34E-07	7.67E-05	0.00E+00	0.00E+00	7.67E-05
40	ALL		654470.1	4187328	NonCancer	0.00E+00	1.98E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	2.80E-05	0.00E+00	4.92E-06	0.00E+00	1.31E-07	7.52E-05	0.00E+00	0.00E+00	7.52E-05
41	ALL		654490.1	4187328	NonCancer	0.00E+00	1.94E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.75E-05	0.00E+00	4.82E-06	0.00E+00	1.29E-07	7.37E-05	0.00E+00	0.00E+00	7.37E-05
42	ALL		653690.1	4187348	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.71E-05	0.00E+00	6.39E-06	0.00E+00	1.70E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
43	ALL		653710.1	4187348	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	3.70E-05	0.00E+00	6.30E-06	0.00E+00	1.68E-07	9.72E-05	0.00E+00	0.00E+00	9.72E-05
44	ALL		653730.1	4187348	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.71E-05	0.00E+00	6.26E-06	0.00E+00	1.67E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
45	ALL		653750.1	4187348	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.75E-05	0.00E+00	6.28E-06	0.00E+00	1.67E-07	9.73E-05	0.00E+00	0.00E+00	9.73E-05
46	ALL		653770.1	4187348	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.80E-05	0.00E+00	6.37E-06	0.00E+00	1.70E-07	9.87E-05	0.00E+00	0.00E+00	9.87E-05
47	ALL		653790.1	4187348	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.87E-05	0.00E+00	6.50E-06	0.00E+00	1.73E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
48	ALL		653810.1	4187348	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.94E-05	0.00E+00	6.66E-06	0.00E+00	1.77E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
49	ALL		653830.1	4187348	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	4.00E-05	0.00E+00	6.81E-06	0.00E+00	1.82E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04

50	ALL	653850.1	4187348	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.06E-05	0.00E+00	6.95E-06	0.00E+00	1.85E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
51	ALL	653870.1	4187348	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.11E-05	0.00E+00	7.04E-06	0.00E+00	1.88E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
52	ALL	653890.1	4187348	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.14E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
53	ALL	653910.1	4187348	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.17E-05	0.00E+00	7.16E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
54	ALL	653930.1	4187348	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.19E-05	0.00E+00	7.22E-06	0.00E+00	1.92E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
55	ALL	653950.1	4187348	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.20E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
56	ALL	653970.1	4187348	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.19E-05	0.00E+00	7.30E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
57	ALL	653990.1	4187348	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.17E-05	0.00E+00	7.32E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
58	ALL	654010.1	4187348	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.14E-05	0.00E+00	7.29E-06	0.00E+00	1.95E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
59	ALL	654030.1	4187348	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.09E-05	0.00E+00	7.22E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
60	ALL	654050.1	4187348	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.02E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
61	ALL	654070.1	4187348	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.95E-05	0.00E+00	6.96E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
62	ALL	654090.1	4187348	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.88E-05	0.00E+00	6.79E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
63	ALL	654110.1	4187348	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.81E-05	0.00E+00	6.63E-06	0.00E+00	1.77E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
64	ALL	654130.1	4187348	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.75E-05	0.00E+00	6.50E-06	0.00E+00	1.73E-07	9.97E-05	0.00E+00	0.00E+00	9.97E-05
65	ALL	654150.1	4187348	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.69E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.81E-05	0.00E+00	0.00E+00	9.81E-05
66	ALL	654170.1	4187348	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	3.64E-05	0.00E+00	6.30E-06	0.00E+00	1.68E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
67	ALL	654190.1	4187348	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.60E-05	0.00E+00	6.24E-06	0.00E+00	1.66E-07	9.57E-05	0.00E+00	0.00E+00	9.57E-05
68	ALL	654210.1	4187348	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.56E-05	0.00E+00	6.19E-06	0.00E+00	1.65E-07	9.49E-05	0.00E+00	0.00E+00	9.49E-05
69	ALL	654230.1	4187348	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.52E-05	0.00E+00	6.14E-06	0.00E+00	1.64E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
70	ALL	654250.1	4187348	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.48E-05	0.00E+00	6.09E-06	0.00E+00	1.62E-07	9.32E-05	0.00E+00	0.00E+00	9.32E-05
71	ALL	654270.1	4187348	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.44E-05	0.00E+00	6.03E-06	0.00E+00	1.61E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
72	ALL	654290.1	4187348	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.39E-05	0.00E+00	5.97E-06	0.00E+00	1.59E-07	9.12E-05	0.00E+00	0.00E+00	9.12E-05
73	ALL	654310.1	4187348	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.34E-05	0.00E+00	5.89E-06	0.00E+00	1.57E-07	9.00E-05	0.00E+00	0.00E+00	9.00E-05
74	ALL	654330.1	4187348	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.29E-05	0.00E+00	5.81E-06	0.00E+00	1.55E-07	8.87E-05	0.00E+00	0.00E+00	8.87E-05
75	ALL	654350.1	4187348	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.24E-05	0.00E+00	5.71E-06	0.00E+00	1.53E-07	8.73E-05	0.00E+00	0.00E+00	8.73E-05
76	ALL	654370.1	4187348	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.18E-05	0.00E+00	5.61E-06	0.00E+00	1.50E-07	8.57E-05	0.00E+00	0.00E+00	8.57E-05
77	ALL	654390.1	4187348	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.12E-05	0.00E+00	5.51E-06	0.00E+00	1.47E-07	8.41E-05	0.00E+00	0.00E+00	8.41E-05
78	ALL	654410.1	4187348	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.06E-05	0.00E+00	5.40E-06	0.00E+00	1.44E-07	8.25E-05	0.00E+00	0.00E+00	8.25E-05
79	ALL	654430.1	4187348	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.01E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.08E-05	0.00E+00	0.00E+00	8.08E-05
80	ALL	654450.1	4187348	NonCancer	0.00E+00	2.09E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	2.95E-05	0.00E+00	5.18E-06	0.00E+00	1.38E-07	7.92E-05	0.00E+00	0.00E+00	7.92E-05
81	ALL	654470.1	4187348	NonCancer	0.00E+00	2.04E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	2.89E-05	0.00E+00	5.08E-06	0.00E+00	1.36E-07	7.76E-05	0.00E+00	0.00E+00	7.76E-05
82	ALL	654490.1	4187348	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	2.83E-05	0.00E+00	4.97E-06	0.00E+00	1.33E-07	7.60E-05	0.00E+00	0.00E+00	7.60E-05
83	ALL	653690.1	4187368	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.92E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
84	ALL	653710.1	4187368	NonCancer	0.00E+00	2.68E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	3.91E-05	0.00E+00	6.67E-06	0.00E+00	1.78E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
85	ALL	653730.1	4187368	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.92E-05	0.00E+00	6.63E-06	0.00E+00	1.76E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
86	ALL	653750.1	4187368	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.96E-05	0.00E+00	6.65E-06	0.00E+00	1.77E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
87	ALL	653770.1	4187368	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	4.02E-05	0.00E+00	6.75E-06	0.00E+00	1.80E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
88	ALL	653790.1	4187368	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.10E-05	0.00E+00	6.89E-06	0.00E+00	1.84E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
89	ALL	653810.1	4187368	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.17E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
90	ALL	653830.1	4187368	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.24E-05	0.00E+00	7.23E-06	0.00E+00	1.93E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
91	ALL	653850.1	4187368	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.30E-05	0.00E+00	7.37E-06	0.00E+00	1.97E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
92	ALL	653870.1	4187368	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.35E-05	0.00E+00	7.47E-06	0.00E+00	1.99E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
93	ALL	653890.1	4187368	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.39E-05	0.00E+00	7.54E-06	0.00E+00	2.01E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
94	ALL	653910.1	4187368	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.41E-05	0.00E+00	7.60E-06	0.00E+00	2.03E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
95	ALL	653930.1	4187368	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.43E-05	0.00E+00	7.66E-06	0.00E+00	2.04E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
96	ALL	653950.1	4187368	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.43E-05	0.00E+00	7.71E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
97	ALL	653970.1	4187368	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.42E-05	0.00E+00	7.74E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
98	ALL	653990.1	4187368	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.40E-05	0.00E+00	7.74E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
99	ALL	654010.1	4187368	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.35E-05	0.00E+00	7.69E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04

100	ALL	654030.1	4187368	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.29E-05	0.00E+00	7.59E-06	0.00E+00	2.03E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
101	ALL	654050.1	4187368	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.21E-05	0.00E+00	7.44E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
102	ALL	654070.1	4187368	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.14E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
103	ALL	654090.1	4187368	NonCancer	0.00E+00	2.85E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.06E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
104	ALL	654110.1	4187368	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.99E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
105	ALL	654130.1	4187368	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.92E-05	0.00E+00	6.80E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
106	ALL	654150.1	4187368	NonCancer	0.00E+00	2.69E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.87E-05	0.00E+00	6.70E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
107	ALL	654170.1	4187368	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.82E-05	0.00E+00	6.63E-06	0.00E+00	1.77E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
108	ALL	654190.1	4187368	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.77E-05	0.00E+00	6.57E-06	0.00E+00	1.75E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
109	ALL	654210.1	4187368	NonCancer	0.00E+00	2.62E-06	0.00E+00	1.74E-07	1.74E-07	1.74E-07	3.73E-05	0.00E+00	6.51E-06	0.00E+00	1.74E-07	9.98E-05	0.00E+00	0.00E+00	9.98E-05
110	ALL	654230.1	4187368	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.69E-05	0.00E+00	6.46E-06	0.00E+00	1.72E-07	9.88E-05	0.00E+00	0.00E+00	9.88E-05
111	ALL	654250.1	4187368	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.64E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.78E-05	0.00E+00	0.00E+00	9.78E-05
112	ALL	654270.1	4187368	NonCancer	0.00E+00	2.55E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.59E-05	0.00E+00	6.33E-06	0.00E+00	1.69E-07	9.67E-05	0.00E+00	0.00E+00	9.67E-05
113	ALL	654290.1	4187368	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.54E-05	0.00E+00	6.25E-06	0.00E+00	1.67E-07	9.54E-05	0.00E+00	0.00E+00	9.54E-05
114	ALL	654310.1	4187368	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.48E-05	0.00E+00	6.15E-06	0.00E+00	1.64E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
115	ALL	654330.1	4187368	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.42E-05	0.00E+00	6.05E-06	0.00E+00	1.62E-07	9.24E-05	0.00E+00	0.00E+00	9.24E-05
116	ALL	654350.1	4187368	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.36E-05	0.00E+00	5.94E-06	0.00E+00	1.59E-07	9.07E-05	0.00E+00	0.00E+00	9.07E-05
117	ALL	654370.1	4187368	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.30E-05	0.00E+00	5.82E-06	0.00E+00	1.56E-07	8.89E-05	0.00E+00	0.00E+00	8.89E-05
118	ALL	654390.1	4187368	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.23E-05	0.00E+00	5.71E-06	0.00E+00	1.52E-07	8.72E-05	0.00E+00	0.00E+00	8.72E-05
119	ALL	654410.1	4187368	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.17E-05	0.00E+00	5.59E-06	0.00E+00	1.49E-07	8.54E-05	0.00E+00	0.00E+00	8.54E-05
120	ALL	654430.1	4187368	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.10E-05	0.00E+00	5.47E-06	0.00E+00	1.46E-07	8.36E-05	0.00E+00	0.00E+00	8.36E-05
121	ALL	654450.1	4187368	NonCancer	0.00E+00	2.15E-06	0.00E+00	1.43E-07	1.43E-07	1.43E-07	3.04E-05	0.00E+00	5.35E-06	0.00E+00	1.43E-07	8.18E-05	0.00E+00	0.00E+00	8.18E-05
122	ALL	654470.1	4187368	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	2.97E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.00E-05	0.00E+00	0.00E+00	8.00E-05
123	ALL	654490.1	4187368	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	2.91E-05	0.00E+00	5.12E-06	0.00E+00	1.37E-07	7.83E-05	0.00E+00	0.00E+00	7.83E-05
124	ALL	653690.1	4187388	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.15E-05	0.00E+00	7.18E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
125	ALL	653710.1	4187388	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.14E-05	0.00E+00	7.08E-06	0.00E+00	1.89E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
126	ALL	653730.1	4187388	NonCancer	0.00E+00	2.82E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	4.16E-05	0.00E+00	7.03E-06	0.00E+00	1.87E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
127	ALL	653750.1	4187388	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.20E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
128	ALL	653770.1	4187388	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.27E-05	0.00E+00	7.16E-06	0.00E+00	1.91E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
129	ALL	653790.1	4187388	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.35E-05	0.00E+00	7.33E-06	0.00E+00	1.95E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
130	ALL	653810.1	4187388	NonCancer	0.00E+00	3.02E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.43E-05	0.00E+00	7.51E-06	0.00E+00	2.00E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
131	ALL	653830.1	4187388	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.50E-05	0.00E+00	7.69E-06	0.00E+00	2.05E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
132	ALL	653850.1	4187388	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.57E-05	0.00E+00	7.84E-06	0.00E+00	2.09E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
133	ALL	653870.1	4187388	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.62E-05	0.00E+00	7.94E-06	0.00E+00	2.12E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
134	ALL	653890.1	4187388	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.65E-05	0.00E+00	8.01E-06	0.00E+00	2.14E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
135	ALL	653910.1	4187388	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.68E-05	0.00E+00	8.08E-06	0.00E+00	2.15E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
136	ALL	653930.1	4187388	NonCancer	0.00E+00	3.27E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.69E-05	0.00E+00	8.14E-06	0.00E+00	2.17E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
137	ALL	653950.1	4187388	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.69E-05	0.00E+00	8.19E-06	0.00E+00	2.18E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
138	ALL	653970.1	4187388	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.67E-05	0.00E+00	8.21E-06	0.00E+00	2.19E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
139	ALL	653990.1	4187388	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.63E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
140	ALL	654010.1	4187388	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.57E-05	0.00E+00	8.11E-06	0.00E+00	2.16E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
141	ALL	654030.1	4187388	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.50E-05	0.00E+00	7.97E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
142	ALL	654050.1	4187388	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.42E-05	0.00E+00	7.80E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
143	ALL	654070.1	4187388	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.33E-05	0.00E+00	7.61E-06	0.00E+00	2.03E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
144	ALL	654090.1	4187388	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.25E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
145	ALL	654110.1	4187388	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.18E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
146	ALL	654130.1	4187388	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.12E-05	0.00E+00	7.15E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
147	ALL	654150.1	4187388	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.06E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
148	ALL	654170.1	4187388	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	4.01E-05	0.00E+00	6.99E-06	0.00E+00	1.86E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
149	ALL	654190.1	4187388	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.96E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04

150	ALL	654210.1	4187388	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.92E-05	0.00E+00	6.87E-06	0.00E+00	1.83E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
151	ALL	654230.1	4187388	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.86E-05	0.00E+00	6.80E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
152	ALL	654250.1	4187388	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.81E-05	0.00E+00	6.73E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
153	ALL	654270.1	4187388	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.75E-05	0.00E+00	6.64E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
154	ALL	654290.1	4187388	NonCancer	0.00E+00	2.63E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.69E-05	0.00E+00	6.54E-06	0.00E+00	1.75E-07	9.97E-05	0.00E+00	0.00E+00	9.97E-05
155	ALL	654310.1	4187388	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.63E-05	0.00E+00	6.42E-06	0.00E+00	1.72E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
156	ALL	654330.1	4187388	NonCancer	0.00E+00	2.54E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	3.56E-05	0.00E+00	6.30E-06	0.00E+00	1.68E-07	9.61E-05	0.00E+00	0.00E+00	9.61E-05
157	ALL	654350.1	4187388	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.49E-05	0.00E+00	6.17E-06	0.00E+00	1.65E-07	9.42E-05	0.00E+00	0.00E+00	9.42E-05
158	ALL	654370.1	4187388	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.42E-05	0.00E+00	6.04E-06	0.00E+00	1.61E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
159	ALL	654390.1	4187388	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.35E-05	0.00E+00	5.91E-06	0.00E+00	1.58E-07	9.03E-05	0.00E+00	0.00E+00	9.03E-05
160	ALL	654410.1	4187388	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.28E-05	0.00E+00	5.78E-06	0.00E+00	1.54E-07	8.83E-05	0.00E+00	0.00E+00	8.83E-05
161	ALL	654430.1	4187388	NonCancer	0.00E+00	2.28E-06	0.00E+00	1.51E-07	1.51E-07	1.51E-07	3.21E-05	0.00E+00	5.66E-06	0.00E+00	1.51E-07	8.64E-05	0.00E+00	0.00E+00	8.64E-05
162	ALL	654450.1	4187388	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.13E-05	0.00E+00	5.53E-06	0.00E+00	1.48E-07	8.44E-05	0.00E+00	0.00E+00	8.44E-05
163	ALL	654470.1	4187388	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.06E-05	0.00E+00	5.40E-06	0.00E+00	1.44E-07	8.25E-05	0.00E+00	0.00E+00	8.25E-05
164	ALL	654490.1	4187388	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	2.99E-05	0.00E+00	5.27E-06	0.00E+00	1.41E-07	8.06E-05	0.00E+00	0.00E+00	8.06E-05
165	ALL	653690.1	4187408	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.40E-05	0.00E+00	7.63E-06	0.00E+00	2.03E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
166	ALL	653710.1	4187408	NonCancer	0.00E+00	3.02E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.39E-05	0.00E+00	7.52E-06	0.00E+00	2.01E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
167	ALL	653730.1	4187408	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.41E-05	0.00E+00	7.47E-06	0.00E+00	1.99E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
168	ALL	653750.1	4187408	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.46E-05	0.00E+00	7.50E-06	0.00E+00	2.00E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
169	ALL	653770.1	4187408	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.53E-05	0.00E+00	7.62E-06	0.00E+00	2.03E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
170	ALL	653790.1	4187408	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.62E-05	0.00E+00	7.80E-06	0.00E+00	2.08E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
171	ALL	653810.1	4187408	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.71E-05	0.00E+00	8.01E-06	0.00E+00	2.13E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
172	ALL	653830.1	4187408	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.79E-05	0.00E+00	8.20E-06	0.00E+00	2.19E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
173	ALL	653850.1	4187408	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.86E-05	0.00E+00	8.35E-06	0.00E+00	2.23E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
174	ALL	653870.1	4187408	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.91E-05	0.00E+00	8.45E-06	0.00E+00	2.25E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
175	ALL	653890.1	4187408	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.95E-05	0.00E+00	8.53E-06	0.00E+00	2.28E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
176	ALL	653910.1	4187408	NonCancer	0.00E+00	3.46E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.97E-05	0.00E+00	8.60E-06	0.00E+00	2.29E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
177	ALL	653930.1	4187408	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.98E-05	0.00E+00	8.67E-06	0.00E+00	2.31E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
178	ALL	653950.1	4187408	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.97E-05	0.00E+00	8.71E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
179	ALL	653970.1	4187408	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.94E-05	0.00E+00	8.72E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
180	ALL	653990.1	4187408	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.89E-05	0.00E+00	8.67E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
181	ALL	654010.1	4187408	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.82E-05	0.00E+00	8.55E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
182	ALL	654030.1	4187408	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.24E-07	2.24E-07	2.24E-07	4.73E-05	0.00E+00	8.38E-06	0.00E+00	2.24E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
183	ALL	654050.1	4187408	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.64E-05	0.00E+00	8.18E-06	0.00E+00	2.18E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
184	ALL	654070.1	4187408	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.55E-05	0.00E+00	7.97E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
185	ALL	654090.1	4187408	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.47E-05	0.00E+00	7.79E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
186	ALL	654110.1	4187408	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.39E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
187	ALL	654130.1	4187408	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.33E-05	0.00E+00	7.54E-06	0.00E+00	2.01E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
188	ALL	654150.1	4187408	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.27E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
189	ALL	654170.1	4187408	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.22E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
190	ALL	654190.1	4187408	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.17E-05	0.00E+00	7.32E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
191	ALL	654210.1	4187408	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.11E-05	0.00E+00	7.25E-06	0.00E+00	1.93E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
192	ALL	654230.1	4187408	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.05E-05	0.00E+00	7.16E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
193	ALL	654250.1	4187408	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	3.99E-05	0.00E+00	7.07E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
194	ALL	654270.1	4187408	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.92E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
195	ALL	654290.1	4187408	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.85E-05	0.00E+00	6.83E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
196	ALL	654310.1	4187408	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.78E-05	0.00E+00	6.70E-06	0.00E+00	1.79E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
197	ALL	654330.1	4187408	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.70E-05	0.00E+00	6.56E-06	0.00E+00	1.75E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
198	ALL	654350.1	4187408	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.62E-05	0.00E+00	6.41E-06	0.00E+00	1.71E-07	9.79E-05	0.00E+00	0.00E+00	9.79E-05
199	ALL	654370.1	4187408	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.54E-05	0.00E+00	6.27E-06	0.00E+00	1.67E-07	9.57E-05	0.00E+00	0.00E+00	9.57E-05

200	ALL	654390.1	4187408	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.46E-05	0.00E+00	6.13E-06	0.00E+00	1.64E-07	9.35E-05	0.00E+00	0.00E+00	9.35E-05
201	ALL	654410.1	4187408	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.39E-05	0.00E+00	5.99E-06	0.00E+00	1.60E-07	9.14E-05	0.00E+00	0.00E+00	9.14E-05
202	ALL	654430.1	4187408	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.31E-05	0.00E+00	5.84E-06	0.00E+00	1.56E-07	8.92E-05	0.00E+00	0.00E+00	8.92E-05
203	ALL	654450.1	4187408	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.23E-05	0.00E+00	5.70E-06	0.00E+00	1.52E-07	8.71E-05	0.00E+00	0.00E+00	8.71E-05
204	ALL	654470.1	4187408	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.15E-05	0.00E+00	5.56E-06	0.00E+00	1.49E-07	8.50E-05	0.00E+00	0.00E+00	8.50E-05
205	ALL	654490.1	4187408	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.08E-05	0.00E+00	5.43E-06	0.00E+00	1.45E-07	8.29E-05	0.00E+00	0.00E+00	8.29E-05
206	ALL	653690.1	4187428	NonCancer	0.00E+00	3.27E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.68E-05	0.00E+00	8.13E-06	0.00E+00	2.17E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
207	ALL	653710.1	4187428	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.67E-05	0.00E+00	8.02E-06	0.00E+00	2.14E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
208	ALL	653730.1	4187428	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.69E-05	0.00E+00	7.96E-06	0.00E+00	2.12E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
209	ALL	653750.1	4187428	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.75E-05	0.00E+00	8.00E-06	0.00E+00	2.13E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
210	ALL	653770.1	4187428	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.83E-05	0.00E+00	8.13E-06	0.00E+00	2.17E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
211	ALL	653790.1	4187428	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.93E-05	0.00E+00	8.33E-06	0.00E+00	2.22E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
212	ALL	653810.1	4187428	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	5.02E-05	0.00E+00	8.55E-06	0.00E+00	2.28E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
213	ALL	653830.1	4187428	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	5.11E-05	0.00E+00	8.76E-06	0.00E+00	2.34E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
214	ALL	653850.1	4187428	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.18E-05	0.00E+00	8.91E-06	0.00E+00	2.38E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
215	ALL	653870.1	4187428	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.23E-05	0.00E+00	9.02E-06	0.00E+00	2.41E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
216	ALL	653890.1	4187428	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.27E-05	0.00E+00	9.11E-06	0.00E+00	2.43E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
217	ALL	653910.1	4187428	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.29E-05	0.00E+00	9.19E-06	0.00E+00	2.45E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
218	ALL	653930.1	4187428	NonCancer	0.00E+00	3.72E-06	0.00E+00	2.47E-07	2.47E-07	2.47E-07	5.29E-05	0.00E+00	9.25E-06	0.00E+00	2.47E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
219	ALL	653950.1	4187428	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.27E-05	0.00E+00	9.29E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
220	ALL	653970.1	4187428	NonCancer	0.00E+00	3.73E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.23E-05	0.00E+00	9.27E-06	0.00E+00	2.48E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
221	ALL	653990.1	4187428	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.16E-05	0.00E+00	9.18E-06	0.00E+00	2.45E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
222	ALL	654010.1	4187428	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.08E-05	0.00E+00	9.02E-06	0.00E+00	2.41E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
223	ALL	654030.1	4187428	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.98E-05	0.00E+00	8.82E-06	0.00E+00	2.35E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
224	ALL	654050.1	4187428	NonCancer	0.00E+00	3.46E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.88E-05	0.00E+00	8.59E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
225	ALL	654070.1	4187428	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.24E-07	2.24E-07	2.24E-07	4.78E-05	0.00E+00	8.38E-06	0.00E+00	2.24E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
226	ALL	654090.1	4187428	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.70E-05	0.00E+00	8.21E-06	0.00E+00	2.19E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
227	ALL	654110.1	4187428	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.63E-05	0.00E+00	8.07E-06	0.00E+00	2.15E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
228	ALL	654130.1	4187428	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.56E-05	0.00E+00	7.97E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
229	ALL	654150.1	4187428	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.50E-05	0.00E+00	7.89E-06	0.00E+00	2.11E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
230	ALL	654170.1	4187428	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.45E-05	0.00E+00	7.82E-06	0.00E+00	2.09E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
231	ALL	654190.1	4187428	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.38E-05	0.00E+00	7.74E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
232	ALL	654210.1	4187428	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.32E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
233	ALL	654230.1	4187428	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.25E-05	0.00E+00	7.54E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
234	ALL	654250.1	4187428	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.18E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
235	ALL	654270.1	4187428	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.10E-05	0.00E+00	7.28E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
236	ALL	654290.1	4187428	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.01E-05	0.00E+00	7.13E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
237	ALL	654310.1	4187428	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.93E-05	0.00E+00	6.98E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
238	ALL	654330.1	4187428	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.84E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
239	ALL	654350.1	4187428	NonCancer	0.00E+00	2.68E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	3.76E-05	0.00E+00	6.66E-06	0.00E+00	1.78E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
240	ALL	654370.1	4187428	NonCancer	0.00E+00	2.62E-06	0.00E+00	1.74E-07	1.74E-07	1.74E-07	3.67E-05	0.00E+00	6.50E-06	0.00E+00	1.74E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
241	ALL	654390.1	4187428	NonCancer	0.00E+00	2.55E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.58E-05	0.00E+00	6.35E-06	0.00E+00	1.69E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
242	ALL	654410.1	4187428	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.50E-05	0.00E+00	6.19E-06	0.00E+00	1.65E-07	9.45E-05	0.00E+00	0.00E+00	9.45E-05
243	ALL	654430.1	4187428	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.41E-05	0.00E+00	6.04E-06	0.00E+00	1.61E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
244	ALL	654450.1	4187428	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	8.98E-05	0.00E+00	0.00E+00	8.98E-05
245	ALL	654470.1	4187428	NonCancer	0.00E+00	2.31E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.25E-05	0.00E+00	5.73E-06	0.00E+00	1.53E-07	8.75E-05	0.00E+00	0.00E+00	8.75E-05
246	ALL	654490.1	4187428	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.16E-05	0.00E+00	5.58E-06	0.00E+00	1.49E-07	8.53E-05	0.00E+00	0.00E+00	8.53E-05
247	ALL	653690.1	4187448	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.98E-05	0.00E+00	8.68E-06	0.00E+00	2.32E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
248	ALL	653710.1	4187448	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.98E-05	0.00E+00	8.56E-06	0.00E+00	2.28E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
249	ALL	653730.1	4187448	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	5.00E-05	0.00E+00	8.50E-06	0.00E+00	2.26E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04

250	ALL	653750.1	4187448	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	5.06E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
251	ALL	653770.1	4187448	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	5.16E-05	0.00E+00	8.69E-06	0.00E+00	2.32E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
252	ALL	653790.1	4187448	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.26E-05	0.00E+00	8.92E-06	0.00E+00	2.38E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
253	ALL	653810.1	4187448	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.37E-05	0.00E+00	9.16E-06	0.00E+00	2.44E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
254	ALL	653830.1	4187448	NonCancer	0.00E+00	3.77E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	5.46E-05	0.00E+00	9.38E-06	0.00E+00	2.50E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
255	ALL	653850.1	4187448	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.53E-05	0.00E+00	9.54E-06	0.00E+00	2.55E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
256	ALL	653870.1	4187448	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.59E-05	0.00E+00	9.66E-06	0.00E+00	2.58E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
257	ALL	653890.1	4187448	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.62E-05	0.00E+00	9.75E-06	0.00E+00	2.60E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
258	ALL	653910.1	4187448	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.64E-05	0.00E+00	9.84E-06	0.00E+00	2.62E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
259	ALL	653930.1	4187448	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.64E-05	0.00E+00	9.90E-06	0.00E+00	2.64E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
260	ALL	653950.1	4187448	NonCancer	0.00E+00	3.99E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.60E-05	0.00E+00	9.91E-06	0.00E+00	2.65E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
261	ALL	653970.1	4187448	NonCancer	0.00E+00	3.97E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.54E-05	0.00E+00	9.86E-06	0.00E+00	2.63E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
262	ALL	653990.1	4187448	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.46E-05	0.00E+00	9.73E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
263	ALL	654010.1	4187448	NonCancer	0.00E+00	3.83E-06	0.00E+00	2.54E-07	2.54E-07	2.54E-07	5.36E-05	0.00E+00	9.52E-06	0.00E+00	2.54E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
264	ALL	654030.1	4187448	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.25E-05	0.00E+00	9.28E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
265	ALL	654050.1	4187448	NonCancer	0.00E+00	3.64E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.14E-05	0.00E+00	9.04E-06	0.00E+00	2.41E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
266	ALL	654070.1	4187448	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.36E-07	2.36E-07	2.36E-07	5.05E-05	0.00E+00	8.84E-06	0.00E+00	2.36E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
267	ALL	654090.1	4187448	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.96E-05	0.00E+00	8.67E-06	0.00E+00	2.31E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
268	ALL	654110.1	4187448	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.89E-05	0.00E+00	8.55E-06	0.00E+00	2.28E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
269	ALL	654130.1	4187448	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.82E-05	0.00E+00	8.46E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
270	ALL	654150.1	4187448	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.24E-07	2.24E-07	2.24E-07	4.75E-05	0.00E+00	8.37E-06	0.00E+00	2.24E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
271	ALL	654170.1	4187448	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.69E-05	0.00E+00	8.29E-06	0.00E+00	2.21E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
272	ALL	654190.1	4187448	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.62E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
273	ALL	654210.1	4187448	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.54E-05	0.00E+00	8.07E-06	0.00E+00	2.16E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
274	ALL	654230.1	4187448	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.46E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
275	ALL	654250.1	4187448	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.37E-05	0.00E+00	7.78E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
276	ALL	654270.1	4187448	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.28E-05	0.00E+00	7.62E-06	0.00E+00	2.03E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
277	ALL	654290.1	4187448	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.18E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
278	ALL	654310.1	4187448	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.09E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
279	ALL	654330.1	4187448	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	3.99E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
280	ALL	654350.1	4187448	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.90E-05	0.00E+00	6.92E-06	0.00E+00	1.85E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
281	ALL	654370.1	4187448	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.80E-05	0.00E+00	6.74E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
282	ALL	654390.1	4187448	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.71E-05	0.00E+00	6.57E-06	0.00E+00	1.75E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
283	ALL	654410.1	4187448	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.61E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.76E-05	0.00E+00	0.00E+00	9.76E-05
284	ALL	654430.1	4187448	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.52E-05	0.00E+00	6.23E-06	0.00E+00	1.66E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
285	ALL	654450.1	4187448	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.25E-05	0.00E+00	0.00E+00	9.25E-05
286	ALL	654470.1	4187448	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.34E-05	0.00E+00	5.90E-06	0.00E+00	1.57E-07	9.00E-05	0.00E+00	0.00E+00	9.00E-05
287	ALL	654490.1	4187448	NonCancer	0.00E+00	2.31E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.25E-05	0.00E+00	5.74E-06	0.00E+00	1.53E-07	8.76E-05	0.00E+00	0.00E+00	8.76E-05
288	ALL	653690.1	4187468	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.32E-05	0.00E+00	9.29E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
289	ALL	653710.1	4187468	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.32E-05	0.00E+00	9.17E-06	0.00E+00	2.44E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
290	ALL	653730.1	4187468	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.35E-05	0.00E+00	9.10E-06	0.00E+00	2.42E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
291	ALL	653750.1	4187468	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.42E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
292	ALL	653770.1	4187468	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.52E-05	0.00E+00	9.32E-06	0.00E+00	2.48E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
293	ALL	653790.1	4187468	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.64E-05	0.00E+00	9.57E-06	0.00E+00	2.55E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
294	ALL	653810.1	4187468	NonCancer	0.00E+00	3.95E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.75E-05	0.00E+00	9.84E-06	0.00E+00	2.62E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
295	ALL	653830.1	4187468	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.85E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
296	ALL	653850.1	4187468	NonCancer	0.00E+00	4.12E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.93E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
297	ALL	653870.1	4187468	NonCancer	0.00E+00	4.17E-06	0.00E+00	2.77E-07	2.77E-07	2.77E-07	5.98E-05	0.00E+00	1.04E-05	0.00E+00	2.77E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
298	ALL	653890.1	4187468	NonCancer	0.00E+00	4.21E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	6.02E-05	0.00E+00	1.05E-05	0.00E+00	2.79E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
299	ALL	653910.1	4187468	NonCancer	0.00E+00	4.25E-06	0.00E+00	2.82E-07	2.82E-07	2.82E-07	6.03E-05	0.00E+00	1.06E-05	0.00E+00	2.82E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04

300	ALL	653930.1	4187468	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	6.01E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
301	ALL	653950.1	4187468	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.96E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
302	ALL	653970.1	4187468	NonCancer	0.00E+00	4.23E-06	0.00E+00	2.80E-07	2.80E-07	2.80E-07	5.88E-05	0.00E+00	1.05E-05	0.00E+00	2.80E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
303	ALL	653990.1	4187468	NonCancer	0.00E+00	4.15E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	5.78E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
304	ALL	654010.1	4187468	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.66E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
305	ALL	654030.1	4187468	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.54E-05	0.00E+00	9.80E-06	0.00E+00	2.62E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
306	ALL	654050.1	4187468	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.43E-05	0.00E+00	9.55E-06	0.00E+00	2.55E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
307	ALL	654070.1	4187468	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	5.34E-05	0.00E+00	9.35E-06	0.00E+00	2.50E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
308	ALL	654090.1	4187468	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.25E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
309	ALL	654110.1	4187468	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.17E-05	0.00E+00	9.09E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
310	ALL	654130.1	4187468	NonCancer	0.00E+00	3.62E-06	0.00E+00	2.40E-07	2.40E-07	2.40E-07	5.10E-05	0.00E+00	9.00E-06	0.00E+00	2.40E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
311	ALL	654150.1	4187468	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.02E-05	0.00E+00	8.90E-06	0.00E+00	2.38E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
312	ALL	654170.1	4187468	NonCancer	0.00E+00	3.54E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.94E-05	0.00E+00	8.79E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
313	ALL	654190.1	4187468	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.86E-05	0.00E+00	8.66E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
314	ALL	654210.1	4187468	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	4.77E-05	0.00E+00	8.51E-06	0.00E+00	2.27E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
315	ALL	654230.1	4187468	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.67E-05	0.00E+00	8.34E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
316	ALL	654250.1	4187468	NonCancer	0.00E+00	3.28E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.57E-05	0.00E+00	8.16E-06	0.00E+00	2.18E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
317	ALL	654270.1	4187468	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.46E-05	0.00E+00	7.96E-06	0.00E+00	2.13E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
318	ALL	654290.1	4187468	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.36E-05	0.00E+00	7.77E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
319	ALL	654310.1	4187468	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.25E-05	0.00E+00	7.57E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
320	ALL	654330.1	4187468	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.14E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
321	ALL	654350.1	4187468	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.04E-05	0.00E+00	7.18E-06	0.00E+00	1.92E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
322	ALL	654370.1	4187468	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	3.93E-05	0.00E+00	6.99E-06	0.00E+00	1.87E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
323	ALL	654390.1	4187468	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.83E-05	0.00E+00	6.80E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
324	ALL	654410.1	4187468	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.73E-05	0.00E+00	6.61E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
325	ALL	654430.1	4187468	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.62E-05	0.00E+00	6.42E-06	0.00E+00	1.72E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
326	ALL	654450.1	4187468	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.53E-05	0.00E+00	6.24E-06	0.00E+00	1.67E-07	9.53E-05	0.00E+00	0.00E+00	9.53E-05
327	ALL	654470.1	4187468	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.07E-06	0.00E+00	1.62E-07	9.26E-05	0.00E+00	0.00E+00	9.26E-05
328	ALL	654490.1	4187468	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.89E-06	0.00E+00	1.57E-07	9.00E-05	0.00E+00	0.00E+00	9.00E-05
329	ALL	653690.1	4187488	NonCancer	0.00E+00	4.01E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.70E-05	0.00E+00	9.98E-06	0.00E+00	2.66E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
330	ALL	653710.1	4187488	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.70E-05	0.00E+00	9.85E-06	0.00E+00	2.63E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
331	ALL	653730.1	4187488	NonCancer	0.00E+00	3.93E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.73E-05	0.00E+00	9.77E-06	0.00E+00	2.60E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
332	ALL	653750.1	4187488	NonCancer	0.00E+00	3.95E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.81E-05	0.00E+00	9.83E-06	0.00E+00	2.62E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
333	ALL	653770.1	4187488	NonCancer	0.00E+00	4.03E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	5.92E-05	0.00E+00	1.00E-05	0.00E+00	2.67E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
334	ALL	653790.1	4187488	NonCancer	0.00E+00	4.14E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	6.06E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
335	ALL	653810.1	4187488	NonCancer	0.00E+00	4.26E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	6.18E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
336	ALL	653830.1	4187488	NonCancer	0.00E+00	4.36E-06	0.00E+00	2.89E-07	2.89E-07	2.89E-07	6.29E-05	0.00E+00	1.09E-05	0.00E+00	2.89E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
337	ALL	653850.1	4187488	NonCancer	0.00E+00	4.44E-06	0.00E+00	2.94E-07	2.94E-07	2.94E-07	6.37E-05	0.00E+00	1.10E-05	0.00E+00	2.94E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
338	ALL	653870.1	4187488	NonCancer	0.00E+00	4.49E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.42E-05	0.00E+00	1.12E-05	0.00E+00	2.98E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
339	ALL	653890.1	4187488	NonCancer	0.00E+00	4.54E-06	0.00E+00	3.01E-07	3.01E-07	3.01E-07	6.45E-05	0.00E+00	1.13E-05	0.00E+00	3.01E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
340	ALL	653910.1	4187488	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.45E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
341	ALL	653930.1	4187488	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.42E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
342	ALL	653950.1	4187488	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.35E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
343	ALL	653970.1	4187488	NonCancer	0.00E+00	4.50E-06	0.00E+00	2.99E-07	2.99E-07	2.99E-07	6.25E-05	0.00E+00	1.12E-05	0.00E+00	2.99E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
344	ALL	653990.1	4187488	NonCancer	0.00E+00	4.40E-06	0.00E+00	2.92E-07	2.92E-07	2.92E-07	6.12E-05	0.00E+00	1.09E-05	0.00E+00	2.92E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
345	ALL	654010.1	4187488	NonCancer	0.00E+00	4.29E-06	0.00E+00	2.84E-07	2.84E-07	2.84E-07	5.99E-05	0.00E+00	1.06E-05	0.00E+00	2.84E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
346	ALL	654030.1	4187488	NonCancer	0.00E+00	4.17E-06	0.00E+00	2.77E-07	2.77E-07	2.77E-07	5.87E-05	0.00E+00	1.04E-05	0.00E+00	2.77E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
347	ALL	654050.1	4187488	NonCancer	0.00E+00	4.07E-06	0.00E+00	2.70E-07	2.70E-07	2.70E-07	5.76E-05	0.00E+00	1.01E-05	0.00E+00	2.70E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
348	ALL	654070.1	4187488	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.66E-05	0.00E+00	9.95E-06	0.00E+00	2.65E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
349	ALL	654090.1	4187488	NonCancer	0.00E+00	3.95E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.57E-05	0.00E+00	9.81E-06	0.00E+00	2.62E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04

350	ALL	654110.1	4187488	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.49E-05	0.00E+00	9.70E-06	0.00E+00	2.59E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
351	ALL	654130.1	4187488	NonCancer	0.00E+00	3.86E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	5.40E-05	0.00E+00	9.59E-06	0.00E+00	2.56E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
352	ALL	654150.1	4187488	NonCancer	0.00E+00	3.81E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.31E-05	0.00E+00	9.46E-06	0.00E+00	2.53E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
353	ALL	654170.1	4187488	NonCancer	0.00E+00	3.75E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.22E-05	0.00E+00	9.32E-06	0.00E+00	2.49E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
354	ALL	654190.1	4187488	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.12E-05	0.00E+00	9.15E-06	0.00E+00	2.45E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
355	ALL	654210.1	4187488	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.01E-05	0.00E+00	8.96E-06	0.00E+00	2.39E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
356	ALL	654230.1	4187488	NonCancer	0.00E+00	3.53E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	4.89E-05	0.00E+00	8.76E-06	0.00E+00	2.34E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
357	ALL	654250.1	4187488	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.78E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
358	ALL	654270.1	4187488	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.66E-05	0.00E+00	8.32E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
359	ALL	654290.1	4187488	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.54E-05	0.00E+00	8.10E-06	0.00E+00	2.16E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
360	ALL	654310.1	4187488	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.42E-05	0.00E+00	7.88E-06	0.00E+00	2.11E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
361	ALL	654330.1	4187488	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.30E-05	0.00E+00	7.67E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
362	ALL	654350.1	4187488	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.18E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
363	ALL	654370.1	4187488	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.07E-05	0.00E+00	7.24E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
364	ALL	654390.1	4187488	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.95E-05	0.00E+00	7.03E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
365	ALL	654410.1	4187488	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.84E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
366	ALL	654430.1	4187488	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.73E-05	0.00E+00	6.62E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
367	ALL	654450.1	4187488	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.62E-05	0.00E+00	6.42E-06	0.00E+00	1.72E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
368	ALL	654470.1	4187488	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.52E-05	0.00E+00	6.23E-06	0.00E+00	1.66E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
369	ALL	654490.1	4187488	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.42E-05	0.00E+00	6.05E-06	0.00E+00	1.62E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
370	ALL	653690.1	4187508	NonCancer	0.00E+00	4.32E-06	0.00E+00	2.87E-07	2.87E-07	2.87E-07	6.12E-05	0.00E+00	1.07E-05	0.00E+00	2.87E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
371	ALL	653710.1	4187508	NonCancer	0.00E+00	4.26E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	6.12E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
372	ALL	653730.1	4187508	NonCancer	0.00E+00	4.23E-06	0.00E+00	2.81E-07	2.81E-07	2.81E-07	6.16E-05	0.00E+00	1.05E-05	0.00E+00	2.81E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
373	ALL	653750.1	4187508	NonCancer	0.00E+00	4.26E-06	0.00E+00	2.82E-07	2.82E-07	2.82E-07	6.25E-05	0.00E+00	1.06E-05	0.00E+00	2.82E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
374	ALL	653770.1	4187508	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	6.38E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
375	ALL	653790.1	4187508	NonCancer	0.00E+00	4.47E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.53E-05	0.00E+00	1.11E-05	0.00E+00	2.97E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
376	ALL	653810.1	4187508	NonCancer	0.00E+00	4.61E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.66E-05	0.00E+00	1.15E-05	0.00E+00	3.06E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
377	ALL	653830.1	4187508	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.78E-05	0.00E+00	1.17E-05	0.00E+00	3.13E-07	1.80E-04	0.00E+00	0.00E+00	1.80E-04
378	ALL	653850.1	4187508	NonCancer	0.00E+00	4.79E-06	0.00E+00	3.18E-07	3.18E-07	3.18E-07	6.86E-05	0.00E+00	1.19E-05	0.00E+00	3.18E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
379	ALL	653870.1	4187508	NonCancer	0.00E+00	4.85E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.91E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
380	ALL	653890.1	4187508	NonCancer	0.00E+00	4.90E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.94E-05	0.00E+00	1.22E-05	0.00E+00	3.25E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
381	ALL	653910.1	4187508	NonCancer	0.00E+00	4.93E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	6.92E-05	0.00E+00	1.23E-05	0.00E+00	3.27E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
382	ALL	653930.1	4187508	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	6.87E-05	0.00E+00	1.23E-05	0.00E+00	3.27E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
383	ALL	653950.1	4187508	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.77E-05	0.00E+00	1.21E-05	0.00E+00	3.25E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
384	ALL	653970.1	4187508	NonCancer	0.00E+00	4.80E-06	0.00E+00	3.19E-07	3.19E-07	3.19E-07	6.65E-05	0.00E+00	1.19E-05	0.00E+00	3.19E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
385	ALL	653990.1	4187508	NonCancer	0.00E+00	4.68E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.51E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
386	ALL	654010.1	4187508	NonCancer	0.00E+00	4.55E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.36E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
387	ALL	654030.1	4187508	NonCancer	0.00E+00	4.43E-06	0.00E+00	2.94E-07	2.94E-07	2.94E-07	6.23E-05	0.00E+00	1.10E-05	0.00E+00	2.94E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
388	ALL	654050.1	4187508	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	6.12E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.65E-04	0.00E+00	0.00E+00	1.65E-04
389	ALL	654070.1	4187508	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.84E-07	2.84E-07	2.84E-07	6.02E-05	0.00E+00	1.06E-05	0.00E+00	2.84E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
390	ALL	654090.1	4187508	NonCancer	0.00E+00	4.22E-06	0.00E+00	2.80E-07	2.80E-07	2.80E-07	5.92E-05	0.00E+00	1.05E-05	0.00E+00	2.80E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
391	ALL	654110.1	4187508	NonCancer	0.00E+00	4.17E-06	0.00E+00	2.77E-07	2.77E-07	2.77E-07	5.83E-05	0.00E+00	1.04E-05	0.00E+00	2.77E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
392	ALL	654130.1	4187508	NonCancer	0.00E+00	4.12E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.73E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
393	ALL	654150.1	4187508	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.62E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
394	ALL	654170.1	4187508	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.51E-05	0.00E+00	9.88E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
395	ALL	654190.1	4187508	NonCancer	0.00E+00	3.89E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.38E-05	0.00E+00	9.66E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
396	ALL	654210.1	4187508	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.26E-05	0.00E+00	9.43E-06	0.00E+00	2.52E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
397	ALL	654230.1	4187508	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.12E-05	0.00E+00	9.19E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
398	ALL	654250.1	4187508	NonCancer	0.00E+00	3.60E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	4.99E-05	0.00E+00	8.94E-06	0.00E+00	2.39E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
399	ALL	654270.1	4187508	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.86E-05	0.00E+00	8.70E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04

400	ALL	654290.1	4187508	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.72E-05	0.00E+00	8.45E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
401	ALL	654310.1	4187508	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.59E-05	0.00E+00	8.20E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
402	ALL	654330.1	4187508	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.46E-05	0.00E+00	7.96E-06	0.00E+00	2.13E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
403	ALL	654350.1	4187508	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.33E-05	0.00E+00	7.72E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
404	ALL	654370.1	4187508	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.20E-05	0.00E+00	7.49E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
405	ALL	654390.1	4187508	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.08E-05	0.00E+00	7.26E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
406	ALL	654410.1	4187508	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.95E-05	0.00E+00	7.03E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
407	ALL	654430.1	4187508	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.83E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
408	ALL	654450.1	4187508	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.72E-05	0.00E+00	6.60E-06	0.00E+00	1.76E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
409	ALL	654470.1	4187508	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.60E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.76E-05	0.00E+00	0.00E+00	9.76E-05
410	ALL	654490.1	4187508	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.49E-05	0.00E+00	6.20E-06	0.00E+00	1.66E-07	9.46E-05	0.00E+00	0.00E+00	9.46E-05
411	ALL	653690.1	4187528	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.59E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
412	ALL	653710.1	4187528	NonCancer	0.00E+00	4.61E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.59E-05	0.00E+00	1.15E-05	0.00E+00	3.06E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
413	ALL	653730.1	4187528	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.64E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
414	ALL	653750.1	4187528	NonCancer	0.00E+00	4.60E-06	0.00E+00	3.05E-07	3.05E-07	3.05E-07	6.75E-05	0.00E+00	1.15E-05	0.00E+00	3.05E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
415	ALL	653770.1	4187528	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.12E-07	3.12E-07	3.12E-07	6.89E-05	0.00E+00	1.17E-05	0.00E+00	3.12E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
416	ALL	653790.1	4187528	NonCancer	0.00E+00	4.85E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	7.06E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
417	ALL	653810.1	4187528	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	7.21E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
418	ALL	653830.1	4187528	NonCancer	0.00E+00	5.11E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	7.33E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
419	ALL	653850.1	4187528	NonCancer	0.00E+00	5.20E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.41E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.98E-04	0.00E+00	0.00E+00	1.98E-04
420	ALL	653870.1	4187528	NonCancer	0.00E+00	5.26E-06	0.00E+00	3.49E-07	3.49E-07	3.49E-07	7.46E-05	0.00E+00	1.31E-05	0.00E+00	3.49E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
421	ALL	653890.1	4187528	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.48E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
422	ALL	653910.1	4187528	NonCancer	0.00E+00	5.34E-06	0.00E+00	3.54E-07	3.54E-07	3.54E-07	7.44E-05	0.00E+00	1.33E-05	0.00E+00	3.54E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
423	ALL	653930.1	4187528	NonCancer	0.00E+00	5.32E-06	0.00E+00	3.53E-07	3.53E-07	3.53E-07	7.36E-05	0.00E+00	1.32E-05	0.00E+00	3.53E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
424	ALL	653950.1	4187528	NonCancer	0.00E+00	5.25E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.24E-05	0.00E+00	1.30E-05	0.00E+00	3.48E-07	1.98E-04	0.00E+00	0.00E+00	1.98E-04
425	ALL	653970.1	4187528	NonCancer	0.00E+00	5.12E-06	0.00E+00	3.40E-07	3.40E-07	3.40E-07	7.09E-05	0.00E+00	1.27E-05	0.00E+00	3.40E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
426	ALL	653990.1	4187528	NonCancer	0.00E+00	4.98E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	6.93E-05	0.00E+00	1.24E-05	0.00E+00	3.30E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
427	ALL	654010.1	4187528	NonCancer	0.00E+00	4.84E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.78E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
428	ALL	654030.1	4187528	NonCancer	0.00E+00	4.73E-06	0.00E+00	3.14E-07	3.14E-07	3.14E-07	6.64E-05	0.00E+00	1.18E-05	0.00E+00	3.14E-07	1.80E-04	0.00E+00	0.00E+00	1.80E-04
429	ALL	654050.1	4187528	NonCancer	0.00E+00	4.65E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.52E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
430	ALL	654070.1	4187528	NonCancer	0.00E+00	4.58E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.41E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
431	ALL	654090.1	4187528	NonCancer	0.00E+00	4.53E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	6.31E-05	0.00E+00	1.12E-05	0.00E+00	3.00E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
432	ALL	654110.1	4187528	NonCancer	0.00E+00	4.46E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.19E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
433	ALL	654130.1	4187528	NonCancer	0.00E+00	4.39E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.07E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
434	ALL	654150.1	4187528	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.94E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
435	ALL	654170.1	4187528	NonCancer	0.00E+00	4.21E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.81E-05	0.00E+00	1.05E-05	0.00E+00	2.79E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
436	ALL	654190.1	4187528	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	5.66E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
437	ALL	654210.1	4187528	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.51E-05	0.00E+00	9.92E-06	0.00E+00	2.65E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
438	ALL	654230.1	4187528	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.36E-05	0.00E+00	9.64E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
439	ALL	654250.1	4187528	NonCancer	0.00E+00	3.77E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	5.21E-05	0.00E+00	9.36E-06	0.00E+00	2.50E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
440	ALL	654270.1	4187528	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.06E-05	0.00E+00	9.08E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
441	ALL	654290.1	4187528	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.91E-05	0.00E+00	8.80E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
442	ALL	654310.1	4187528	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.76E-05	0.00E+00	8.53E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
443	ALL	654330.1	4187528	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.62E-05	0.00E+00	8.26E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
444	ALL	654350.1	4187528	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.48E-05	0.00E+00	8.00E-06	0.00E+00	2.14E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
445	ALL	654370.1	4187528	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.34E-05	0.00E+00	7.74E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
446	ALL	654390.1	4187528	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.20E-05	0.00E+00	7.49E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
447	ALL	654410.1	4187528	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.07E-05	0.00E+00	7.25E-06	0.00E+00	1.94E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
448	ALL	654430.1	4187528	NonCancer	0.00E+00	2.82E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	3.94E-05	0.00E+00	7.01E-06	0.00E+00	1.87E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
449	ALL	654450.1	4187528	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.81E-05	0.00E+00	6.78E-06	0.00E+00	1.81E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04

450	ALL	654470.1	4187528	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.69E-05	0.00E+00	6.56E-06	0.00E+00	1.75E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
451	ALL	654490.1	4187528	NonCancer	0.00E+00	2.55E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.57E-05	0.00E+00	6.34E-06	0.00E+00	1.69E-07	9.67E-05	0.00E+00	0.00E+00	9.67E-05
452	ALL	653690.1	4187548	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	7.13E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
453	ALL	653710.1	4187548	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	7.13E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
454	ALL	653730.1	4187548	NonCancer	0.00E+00	4.96E-06	0.00E+00	3.29E-07	3.29E-07	3.29E-07	7.19E-05	0.00E+00	1.23E-05	0.00E+00	3.29E-07	1.90E-04	0.00E+00	0.00E+00	1.90E-04
455	ALL	653750.1	4187548	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.31E-07	3.31E-07	3.31E-07	7.31E-05	0.00E+00	1.24E-05	0.00E+00	3.31E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
456	ALL	653770.1	4187548	NonCancer	0.00E+00	5.12E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	7.48E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
457	ALL	653790.1	4187548	NonCancer	0.00E+00	5.28E-06	0.00E+00	3.50E-07	3.50E-07	3.50E-07	7.66E-05	0.00E+00	1.31E-05	0.00E+00	3.50E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
458	ALL	653810.1	4187548	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.82E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
459	ALL	653830.1	4187548	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	7.95E-05	0.00E+00	1.38E-05	0.00E+00	3.69E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
460	ALL	653850.1	4187548	NonCancer	0.00E+00	5.66E-06	0.00E+00	3.75E-07	3.75E-07	3.75E-07	8.04E-05	0.00E+00	1.41E-05	0.00E+00	3.75E-07	2.15E-04	0.00E+00	0.00E+00	2.15E-04
461	ALL	653870.1	4187548	NonCancer	0.00E+00	5.73E-06	0.00E+00	3.80E-07	3.80E-07	3.80E-07	8.08E-05	0.00E+00	1.42E-05	0.00E+00	3.80E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
462	ALL	653890.1	4187548	NonCancer	0.00E+00	5.78E-06	0.00E+00	3.83E-07	3.83E-07	3.83E-07	8.08E-05	0.00E+00	1.44E-05	0.00E+00	3.83E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
463	ALL	653910.1	4187548	NonCancer	0.00E+00	5.79E-06	0.00E+00	3.84E-07	3.84E-07	3.84E-07	8.02E-05	0.00E+00	1.44E-05	0.00E+00	3.84E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
464	ALL	653930.1	4187548	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.90E-05	0.00E+00	1.43E-05	0.00E+00	3.81E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
465	ALL	653950.1	4187548	NonCancer	0.00E+00	5.63E-06	0.00E+00	3.74E-07	3.74E-07	3.74E-07	7.75E-05	0.00E+00	1.40E-05	0.00E+00	3.74E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
466	ALL	653970.1	4187548	NonCancer	0.00E+00	5.48E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	7.57E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
467	ALL	653990.1	4187548	NonCancer	0.00E+00	5.32E-06	0.00E+00	3.53E-07	3.53E-07	3.53E-07	7.40E-05	0.00E+00	1.32E-05	0.00E+00	3.53E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
468	ALL	654010.1	4187548	NonCancer	0.00E+00	5.18E-06	0.00E+00	3.44E-07	3.44E-07	3.44E-07	7.24E-05	0.00E+00	1.29E-05	0.00E+00	3.44E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
469	ALL	654030.1	4187548	NonCancer	0.00E+00	5.08E-06	0.00E+00	3.37E-07	3.37E-07	3.37E-07	7.10E-05	0.00E+00	1.26E-05	0.00E+00	3.37E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
470	ALL	654050.1	4187548	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	6.97E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.89E-04	0.00E+00	0.00E+00	1.89E-04
471	ALL	654070.1	4187548	NonCancer	0.00E+00	4.93E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	6.85E-05	0.00E+00	1.22E-05	0.00E+00	3.27E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
472	ALL	654090.1	4187548	NonCancer	0.00E+00	4.86E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.72E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
473	ALL	654110.1	4187548	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	6.59E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.80E-04	0.00E+00	0.00E+00	1.80E-04
474	ALL	654130.1	4187548	NonCancer	0.00E+00	4.68E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	6.44E-05	0.00E+00	1.16E-05	0.00E+00	3.11E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
475	ALL	654150.1	4187548	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.29E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
476	ALL	654170.1	4187548	NonCancer	0.00E+00	4.45E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.12E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
477	ALL	654190.1	4187548	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.87E-07	2.87E-07	2.87E-07	5.95E-05	0.00E+00	1.07E-05	0.00E+00	2.87E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
478	ALL	654210.1	4187548	NonCancer	0.00E+00	4.20E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.78E-05	0.00E+00	1.04E-05	0.00E+00	2.79E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
479	ALL	654230.1	4187548	NonCancer	0.00E+00	4.07E-06	0.00E+00	2.70E-07	2.70E-07	2.70E-07	5.61E-05	0.00E+00	1.01E-05	0.00E+00	2.70E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
480	ALL	654250.1	4187548	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.44E-05	0.00E+00	9.79E-06	0.00E+00	2.62E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
481	ALL	654270.1	4187548	NonCancer	0.00E+00	3.82E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.27E-05	0.00E+00	9.48E-06	0.00E+00	2.53E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
482	ALL	654290.1	4187548	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.10E-05	0.00E+00	9.17E-06	0.00E+00	2.45E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
483	ALL	654310.1	4187548	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.94E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
484	ALL	654330.1	4187548	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.78E-05	0.00E+00	8.56E-06	0.00E+00	2.29E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
485	ALL	654350.1	4187548	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.62E-05	0.00E+00	8.27E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
486	ALL	654370.1	4187548	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.47E-05	0.00E+00	7.99E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
487	ALL	654390.1	4187548	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.32E-05	0.00E+00	7.72E-06	0.00E+00	2.06E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
488	ALL	654410.1	4187548	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.17E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
489	ALL	654430.1	4187548	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.03E-05	0.00E+00	7.20E-06	0.00E+00	1.92E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
490	ALL	654450.1	4187548	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.90E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
491	ALL	654470.1	4187548	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.77E-05	0.00E+00	6.71E-06	0.00E+00	1.79E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
492	ALL	654490.1	4187548	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.64E-05	0.00E+00	6.48E-06	0.00E+00	1.73E-07	9.88E-05	0.00E+00	0.00E+00	9.88E-05
493	ALL	653690.1	4187568	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	7.73E-05	0.00E+00	1.37E-05	0.00E+00	3.66E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
494	ALL	653710.1	4187568	NonCancer	0.00E+00	5.45E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.74E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
495	ALL	653730.1	4187568	NonCancer	0.00E+00	5.40E-06	0.00E+00	3.58E-07	3.58E-07	3.58E-07	7.81E-05	0.00E+00	1.34E-05	0.00E+00	3.58E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
496	ALL	653750.1	4187568	NonCancer	0.00E+00	5.45E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.95E-05	0.00E+00	1.36E-05	0.00E+00	3.61E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
497	ALL	653770.1	4187568	NonCancer	0.00E+00	5.59E-06	0.00E+00	3.71E-07	3.71E-07	3.71E-07	8.14E-05	0.00E+00	1.39E-05	0.00E+00	3.71E-07	2.14E-04	0.00E+00	0.00E+00	2.14E-04
498	ALL	653790.1	4187568	NonCancer	0.00E+00	5.77E-06	0.00E+00	3.83E-07	3.83E-07	3.83E-07	8.35E-05	0.00E+00	1.44E-05	0.00E+00	3.83E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
499	ALL	653810.1	4187568	NonCancer	0.00E+00	5.95E-06	0.00E+00	3.95E-07	3.95E-07	3.95E-07	8.53E-05	0.00E+00	1.48E-05	0.00E+00	3.95E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04

500	ALL	653830.1	4187568	NonCancer	0.00E+00	6.09E-06	0.00E+00	4.04E-07	4.04E-07	4.04E-07	8.66E-05	0.00E+00	1.51E-05	0.00E+00	4.04E-07	2.32E-04	0.00E+00	0.00E+00	2.32E-04
501	ALL	653850.1	4187568	NonCancer	0.00E+00	6.19E-06	0.00E+00	4.10E-07	4.10E-07	4.10E-07	8.75E-05	0.00E+00	1.54E-05	0.00E+00	4.10E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
502	ALL	653870.1	4187568	NonCancer	0.00E+00	6.26E-06	0.00E+00	4.15E-07	4.15E-07	4.15E-07	8.78E-05	0.00E+00	1.56E-05	0.00E+00	4.15E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
503	ALL	653890.1	4187568	NonCancer	0.00E+00	6.30E-06	0.00E+00	4.18E-07	4.18E-07	4.18E-07	8.75E-05	0.00E+00	1.57E-05	0.00E+00	4.18E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
504	ALL	653910.1	4187568	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	8.65E-05	0.00E+00	1.56E-05	0.00E+00	4.17E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
505	ALL	653930.1	4187568	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	8.50E-05	0.00E+00	1.54E-05	0.00E+00	4.12E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
506	ALL	653950.1	4187568	NonCancer	0.00E+00	6.05E-06	0.00E+00	4.01E-07	4.01E-07	4.01E-07	8.32E-05	0.00E+00	1.50E-05	0.00E+00	4.01E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
507	ALL	653970.1	4187568	NonCancer	0.00E+00	5.87E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.12E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
508	ALL	653990.1	4187568	NonCancer	0.00E+00	5.71E-06	0.00E+00	3.79E-07	3.79E-07	3.79E-07	7.93E-05	0.00E+00	1.42E-05	0.00E+00	3.79E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
509	ALL	654010.1	4187568	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.70E-07	3.70E-07	3.70E-07	7.77E-05	0.00E+00	1.38E-05	0.00E+00	3.70E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
510	ALL	654030.1	4187568	NonCancer	0.00E+00	5.48E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	7.62E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
511	ALL	654050.1	4187568	NonCancer	0.00E+00	5.40E-06	0.00E+00	3.58E-07	3.58E-07	3.58E-07	7.48E-05	0.00E+00	1.34E-05	0.00E+00	3.58E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
512	ALL	654070.1	4187568	NonCancer	0.00E+00	5.32E-06	0.00E+00	3.53E-07	3.53E-07	3.53E-07	7.33E-05	0.00E+00	1.32E-05	0.00E+00	3.53E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
513	ALL	654090.1	4187568	NonCancer	0.00E+00	5.22E-06	0.00E+00	3.47E-07	3.47E-07	3.47E-07	7.18E-05	0.00E+00	1.30E-05	0.00E+00	3.47E-07	1.97E-04	0.00E+00	0.00E+00	1.97E-04
514	ALL	654110.1	4187568	NonCancer	0.00E+00	5.11E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	7.01E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
515	ALL	654130.1	4187568	NonCancer	0.00E+00	4.99E-06	0.00E+00	3.31E-07	3.31E-07	3.31E-07	6.83E-05	0.00E+00	1.24E-05	0.00E+00	3.31E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
516	ALL	654150.1	4187568	NonCancer	0.00E+00	4.85E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.64E-05	0.00E+00	1.20E-05	0.00E+00	3.22E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
517	ALL	654170.1	4187568	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.12E-07	3.12E-07	3.12E-07	6.45E-05	0.00E+00	1.17E-05	0.00E+00	3.12E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
518	ALL	654190.1	4187568	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.26E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
519	ALL	654210.1	4187568	NonCancer	0.00E+00	4.41E-06	0.00E+00	2.93E-07	2.93E-07	2.93E-07	6.06E-05	0.00E+00	1.10E-05	0.00E+00	2.93E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
520	ALL	654230.1	4187568	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.86E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
521	ALL	654250.1	4187568	NonCancer	0.00E+00	4.12E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.67E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
522	ALL	654270.1	4187568	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.48E-05	0.00E+00	9.88E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
523	ALL	654290.1	4187568	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.30E-05	0.00E+00	9.53E-06	0.00E+00	2.55E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
524	ALL	654310.1	4187568	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.11E-05	0.00E+00	9.19E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
525	ALL	654330.1	4187568	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.94E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
526	ALL	654350.1	4187568	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.76E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
527	ALL	654370.1	4187568	NonCancer	0.00E+00	3.32E-06	0.00E+00	2.20E-07	2.20E-07	2.20E-07	4.60E-05	0.00E+00	8.24E-06	0.00E+00	2.20E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
528	ALL	654390.1	4187568	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.43E-05	0.00E+00	7.94E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
529	ALL	654410.1	4187568	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.28E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
530	ALL	654430.1	4187568	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.13E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
531	ALL	654450.1	4187568	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	3.99E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
532	ALL	654470.1	4187568	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.85E-05	0.00E+00	6.86E-06	0.00E+00	1.83E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
533	ALL	654490.1	4187568	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.71E-05	0.00E+00	6.61E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
534	ALL	653690.1	4187588	NonCancer	0.00E+00	6.03E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.42E-05	0.00E+00	1.50E-05	0.00E+00	4.00E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
535	ALL	653710.1	4187588	NonCancer	0.00E+00	5.96E-06	0.00E+00	3.95E-07	3.95E-07	3.95E-07	8.43E-05	0.00E+00	1.48E-05	0.00E+00	3.95E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04
536	ALL	653730.1	4187588	NonCancer	0.00E+00	5.91E-06	0.00E+00	3.92E-07	3.92E-07	3.92E-07	8.51E-05	0.00E+00	1.47E-05	0.00E+00	3.92E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
537	ALL	653750.1	4187588	NonCancer	0.00E+00	5.97E-06	0.00E+00	3.96E-07	3.96E-07	3.96E-07	8.68E-05	0.00E+00	1.49E-05	0.00E+00	3.96E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
538	ALL	653770.1	4187588	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.07E-07	4.07E-07	4.07E-07	8.90E-05	0.00E+00	1.53E-05	0.00E+00	4.07E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
539	ALL	653790.1	4187588	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.21E-07	4.21E-07	4.21E-07	9.13E-05	0.00E+00	1.58E-05	0.00E+00	4.21E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
540	ALL	653810.1	4187588	NonCancer	0.00E+00	6.54E-06	0.00E+00	4.34E-07	4.34E-07	4.34E-07	9.33E-05	0.00E+00	1.63E-05	0.00E+00	4.34E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
541	ALL	653830.1	4187588	NonCancer	0.00E+00	6.69E-06	0.00E+00	4.44E-07	4.44E-07	4.44E-07	9.48E-05	0.00E+00	1.66E-05	0.00E+00	4.44E-07	2.54E-04	0.00E+00	0.00E+00	2.54E-04
542	ALL	653850.1	4187588	NonCancer	0.00E+00	6.80E-06	0.00E+00	4.51E-07	4.51E-07	4.51E-07	9.55E-05	0.00E+00	1.69E-05	0.00E+00	4.51E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
543	ALL	653870.1	4187588	NonCancer	0.00E+00	6.87E-06	0.00E+00	4.56E-07	4.56E-07	4.56E-07	9.57E-05	0.00E+00	1.71E-05	0.00E+00	4.56E-07	2.60E-04	0.00E+00	0.00E+00	2.60E-04
544	ALL	653890.1	4187588	NonCancer	0.00E+00	6.90E-06	0.00E+00	4.58E-07	4.58E-07	4.58E-07	9.50E-05	0.00E+00	1.71E-05	0.00E+00	4.58E-07	2.60E-04	0.00E+00	0.00E+00	2.60E-04
545	ALL	653910.1	4187588	NonCancer	0.00E+00	6.85E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.36E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
546	ALL	653930.1	4187588	NonCancer	0.00E+00	6.71E-06	0.00E+00	4.45E-07	4.45E-07	4.45E-07	9.17E-05	0.00E+00	1.67E-05	0.00E+00	4.45E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
547	ALL	653950.1	4187588	NonCancer	0.00E+00	6.52E-06	0.00E+00	4.32E-07	4.32E-07	4.32E-07	8.95E-05	0.00E+00	1.62E-05	0.00E+00	4.32E-07	2.46E-04	0.00E+00	0.00E+00	2.46E-04
548	ALL	653970.1	4187588	NonCancer	0.00E+00	6.32E-06	0.00E+00	4.19E-07	4.19E-07	4.19E-07	8.73E-05	0.00E+00	1.57E-05	0.00E+00	4.19E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
549	ALL	653990.1	4187588	NonCancer	0.00E+00	6.16E-06	0.00E+00	4.09E-07	4.09E-07	4.09E-07	8.54E-05	0.00E+00	1.53E-05	0.00E+00	4.09E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04

550	ALL	654010.1	4187588	NonCancer	0.00E+00	6.03E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.36E-05	0.00E+00	1.50E-05	0.00E+00	4.00E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
551	ALL	654030.1	4187588	NonCancer	0.00E+00	5.94E-06	0.00E+00	3.94E-07	3.94E-07	3.94E-07	8.20E-05	0.00E+00	1.47E-05	0.00E+00	3.94E-07	2.24E-04	0.00E+00	0.00E+00	2.24E-04
552	ALL	654050.1	4187588	NonCancer	0.00E+00	5.84E-06	0.00E+00	3.88E-07	3.88E-07	3.88E-07	8.03E-05	0.00E+00	1.45E-05	0.00E+00	3.88E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
553	ALL	654070.1	4187588	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.85E-05	0.00E+00	1.42E-05	0.00E+00	3.81E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
554	ALL	654090.1	4187588	NonCancer	0.00E+00	5.61E-06	0.00E+00	3.72E-07	3.72E-07	3.72E-07	7.66E-05	0.00E+00	1.39E-05	0.00E+00	3.72E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
555	ALL	654110.1	4187588	NonCancer	0.00E+00	5.47E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	7.45E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.06E-04	0.00E+00	0.00E+00	2.06E-04
556	ALL	654130.1	4187588	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.24E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
557	ALL	654150.1	4187588	NonCancer	0.00E+00	5.14E-06	0.00E+00	3.41E-07	3.41E-07	3.41E-07	7.02E-05	0.00E+00	1.28E-05	0.00E+00	3.41E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
558	ALL	654170.1	4187588	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	6.79E-05	0.00E+00	1.23E-05	0.00E+00	3.30E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
559	ALL	654190.1	4187588	NonCancer	0.00E+00	4.80E-06	0.00E+00	3.19E-07	3.19E-07	3.19E-07	6.57E-05	0.00E+00	1.19E-05	0.00E+00	3.19E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
560	ALL	654210.1	4187588	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.34E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
561	ALL	654230.1	4187588	NonCancer	0.00E+00	4.47E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.12E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
562	ALL	654250.1	4187588	NonCancer	0.00E+00	4.30E-06	0.00E+00	2.85E-07	2.85E-07	2.85E-07	5.91E-05	0.00E+00	1.07E-05	0.00E+00	2.85E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
563	ALL	654270.1	4187588	NonCancer	0.00E+00	4.14E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	5.69E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
564	ALL	654290.1	4187588	NonCancer	0.00E+00	3.99E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.49E-05	0.00E+00	9.90E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
565	ALL	654310.1	4187588	NonCancer	0.00E+00	3.83E-06	0.00E+00	2.54E-07	2.54E-07	2.54E-07	5.28E-05	0.00E+00	9.52E-06	0.00E+00	2.54E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
566	ALL	654330.1	4187588	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.09E-05	0.00E+00	9.16E-06	0.00E+00	2.45E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
567	ALL	654350.1	4187588	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.90E-05	0.00E+00	8.81E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
568	ALL	654370.1	4187588	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.72E-05	0.00E+00	8.47E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
569	ALL	654390.1	4187588	NonCancer	0.00E+00	3.28E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.55E-05	0.00E+00	8.15E-06	0.00E+00	2.18E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
570	ALL	654410.1	4187588	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.38E-05	0.00E+00	7.84E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
571	ALL	654430.1	4187588	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.22E-05	0.00E+00	7.54E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
572	ALL	654450.1	4187588	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.07E-05	0.00E+00	7.26E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
573	ALL	654470.1	4187588	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	3.92E-05	0.00E+00	6.99E-06	0.00E+00	1.87E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
574	ALL	654490.1	4187588	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.78E-05	0.00E+00	6.73E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
575	ALL	653690.1	4187608	NonCancer	0.00E+00	6.62E-06	0.00E+00	4.39E-07	4.39E-07	4.39E-07	9.21E-05	0.00E+00	1.64E-05	0.00E+00	4.39E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
576	ALL	653710.1	4187608	NonCancer	0.00E+00	6.55E-06	0.00E+00	4.35E-07	4.35E-07	4.35E-07	9.23E-05	0.00E+00	1.63E-05	0.00E+00	4.35E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
577	ALL	653730.1	4187608	NonCancer	0.00E+00	6.50E-06	0.00E+00	4.31E-07	4.31E-07	4.31E-07	9.33E-05	0.00E+00	1.62E-05	0.00E+00	4.31E-07	2.48E-04	0.00E+00	0.00E+00	2.48E-04
578	ALL	653750.1	4187608	NonCancer	0.00E+00	6.57E-06	0.00E+00	4.36E-07	4.36E-07	4.36E-07	9.52E-05	0.00E+00	1.63E-05	0.00E+00	4.36E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
579	ALL	653770.1	4187608	NonCancer	0.00E+00	6.76E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.78E-05	0.00E+00	1.68E-05	0.00E+00	4.48E-07	2.59E-04	0.00E+00	0.00E+00	2.59E-04
580	ALL	653790.1	4187608	NonCancer	0.00E+00	7.01E-06	0.00E+00	4.65E-07	4.65E-07	4.65E-07	1.00E-04	0.00E+00	1.74E-05	0.00E+00	4.65E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
581	ALL	653810.1	4187608	NonCancer	0.00E+00	7.23E-06	0.00E+00	4.79E-07	4.79E-07	4.79E-07	1.03E-04	0.00E+00	1.80E-05	0.00E+00	4.79E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
582	ALL	653830.1	4187608	NonCancer	0.00E+00	7.39E-06	0.00E+00	4.90E-07	4.90E-07	4.90E-07	1.04E-04	0.00E+00	1.84E-05	0.00E+00	4.90E-07	2.81E-04	0.00E+00	0.00E+00	2.81E-04
583	ALL	653850.1	4187608	NonCancer	0.00E+00	7.51E-06	0.00E+00	4.98E-07	4.98E-07	4.98E-07	1.05E-04	0.00E+00	1.86E-05	0.00E+00	4.98E-07	2.84E-04	0.00E+00	0.00E+00	2.84E-04
584	ALL	653870.1	4187608	NonCancer	0.00E+00	7.58E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.05E-04	0.00E+00	1.88E-05	0.00E+00	5.03E-07	2.86E-04	0.00E+00	0.00E+00	2.86E-04
585	ALL	653890.1	4187608	NonCancer	0.00E+00	7.58E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.03E-04	0.00E+00	1.88E-05	0.00E+00	5.03E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
586	ALL	653910.1	4187608	NonCancer	0.00E+00	7.47E-06	0.00E+00	4.96E-07	4.96E-07	4.96E-07	1.02E-04	0.00E+00	1.85E-05	0.00E+00	4.96E-07	2.81E-04	0.00E+00	0.00E+00	2.81E-04
587	ALL	653930.1	4187608	NonCancer	0.00E+00	7.28E-06	0.00E+00	4.83E-07	4.83E-07	4.83E-07	9.92E-05	0.00E+00	1.81E-05	0.00E+00	4.83E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
588	ALL	653950.1	4187608	NonCancer	0.00E+00	7.05E-06	0.00E+00	4.68E-07	4.68E-07	4.68E-07	9.67E-05	0.00E+00	1.75E-05	0.00E+00	4.68E-07	2.66E-04	0.00E+00	0.00E+00	2.66E-04
589	ALL	653970.1	4187608	NonCancer	0.00E+00	6.85E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.44E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.59E-04	0.00E+00	0.00E+00	2.59E-04
590	ALL	653990.1	4187608	NonCancer	0.00E+00	6.69E-06	0.00E+00	4.44E-07	4.44E-07	4.44E-07	9.23E-05	0.00E+00	1.66E-05	0.00E+00	4.44E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
591	ALL	654010.1	4187608	NonCancer	0.00E+00	6.57E-06	0.00E+00	4.36E-07	4.36E-07	4.36E-07	9.03E-05	0.00E+00	1.63E-05	0.00E+00	4.36E-07	2.48E-04	0.00E+00	0.00E+00	2.48E-04
592	ALL	654030.1	4187608	NonCancer	0.00E+00	6.46E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	8.84E-05	0.00E+00	1.60E-05	0.00E+00	4.28E-07	2.43E-04	0.00E+00	0.00E+00	2.43E-04
593	ALL	654050.1	4187608	NonCancer	0.00E+00	6.33E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	8.63E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
594	ALL	654070.1	4187608	NonCancer	0.00E+00	6.19E-06	0.00E+00	4.11E-07	4.11E-07	4.11E-07	8.41E-05	0.00E+00	1.54E-05	0.00E+00	4.11E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
595	ALL	654090.1	4187608	NonCancer	0.00E+00	6.02E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.17E-05	0.00E+00	1.49E-05	0.00E+00	4.00E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
596	ALL	654110.1	4187608	NonCancer	0.00E+00	5.84E-06	0.00E+00	3.87E-07	3.87E-07	3.87E-07	7.92E-05	0.00E+00	1.45E-05	0.00E+00	3.87E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
597	ALL	654130.1	4187608	NonCancer	0.00E+00	5.64E-06	0.00E+00	3.74E-07	3.74E-07	3.74E-07	7.67E-05	0.00E+00	1.40E-05	0.00E+00	3.74E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
598	ALL	654150.1	4187608	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.41E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
599	ALL	654170.1	4187608	NonCancer	0.00E+00	5.25E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.15E-05	0.00E+00	1.30E-05	0.00E+00	3.48E-07	1.97E-04	0.00E+00	0.00E+00	1.97E-04

600	ALL	654190.1	4187608	NonCancer	0.00E+00	5.05E-06	0.00E+00	3.35E-07	3.35E-07	3.35E-07	6.89E-05	0.00E+00	1.25E-05	0.00E+00	3.35E-07	1.90E-04	0.00E+00	0.00E+00	1.90E-04
601	ALL	654210.1	4187608	NonCancer	0.00E+00	4.86E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.63E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
602	ALL	654230.1	4187608	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.38E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
603	ALL	654250.1	4187608	NonCancer	0.00E+00	4.48E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.14E-05	0.00E+00	1.11E-05	0.00E+00	2.97E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
604	ALL	654270.1	4187608	NonCancer	0.00E+00	4.30E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.90E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
605	ALL	654290.1	4187608	NonCancer	0.00E+00	4.13E-06	0.00E+00	2.74E-07	2.74E-07	2.74E-07	5.67E-05	0.00E+00	1.03E-05	0.00E+00	2.74E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
606	ALL	654310.1	4187608	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.45E-05	0.00E+00	9.84E-06	0.00E+00	2.63E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
607	ALL	654330.1	4187608	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.24E-05	0.00E+00	9.45E-06	0.00E+00	2.52E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
608	ALL	654350.1	4187608	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.03E-05	0.00E+00	9.06E-06	0.00E+00	2.42E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
609	ALL	654370.1	4187608	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.84E-05	0.00E+00	8.70E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
610	ALL	654390.1	4187608	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.65E-05	0.00E+00	8.35E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
611	ALL	654410.1	4187608	NonCancer	0.00E+00	3.23E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.47E-05	0.00E+00	8.02E-06	0.00E+00	2.14E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
612	ALL	654430.1	4187608	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.30E-05	0.00E+00	7.70E-06	0.00E+00	2.06E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
613	ALL	654450.1	4187608	NonCancer	0.00E+00	2.98E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.14E-05	0.00E+00	7.40E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
614	ALL	654470.1	4187608	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	3.99E-05	0.00E+00	7.12E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
615	ALL	654490.1	4187608	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.84E-05	0.00E+00	6.84E-06	0.00E+00	1.83E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
616	ALL	653690.1	4187628	NonCancer	0.00E+00	7.31E-06	0.00E+00	4.85E-07	4.85E-07	4.85E-07	1.01E-04	0.00E+00	1.82E-05	0.00E+00	4.85E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
617	ALL	653710.1	4187628	NonCancer	0.00E+00	7.24E-06	0.00E+00	4.81E-07	4.81E-07	4.81E-07	1.02E-04	0.00E+00	1.80E-05	0.00E+00	4.81E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
618	ALL	653730.1	4187628	NonCancer	0.00E+00	7.19E-06	0.00E+00	4.77E-07	4.77E-07	4.77E-07	1.03E-04	0.00E+00	1.79E-05	0.00E+00	4.77E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
619	ALL	653750.1	4187628	NonCancer	0.00E+00	7.27E-06	0.00E+00	4.82E-07	4.82E-07	4.82E-07	1.05E-04	0.00E+00	1.81E-05	0.00E+00	4.82E-07	2.78E-04	0.00E+00	0.00E+00	2.78E-04
620	ALL	653770.1	4187628	NonCancer	0.00E+00	7.50E-06	0.00E+00	4.98E-07	4.98E-07	4.98E-07	1.08E-04	0.00E+00	1.87E-05	0.00E+00	4.98E-07	2.87E-04	0.00E+00	0.00E+00	2.87E-04
621	ALL	653790.1	4187628	NonCancer	0.00E+00	7.79E-06	0.00E+00	5.17E-07	5.17E-07	5.17E-07	1.11E-04	0.00E+00	1.94E-05	0.00E+00	5.17E-07	2.97E-04	0.00E+00	0.00E+00	2.97E-04
622	ALL	653810.1	4187628	NonCancer	0.00E+00	8.03E-06	0.00E+00	5.33E-07	5.33E-07	5.33E-07	1.13E-04	0.00E+00	2.00E-05	0.00E+00	5.33E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
623	ALL	653830.1	4187628	NonCancer	0.00E+00	8.21E-06	0.00E+00	5.45E-07	5.45E-07	5.45E-07	1.15E-04	0.00E+00	2.04E-05	0.00E+00	5.45E-07	3.11E-04	0.00E+00	0.00E+00	3.11E-04
624	ALL	653850.1	4187628	NonCancer	0.00E+00	8.33E-06	0.00E+00	5.53E-07	5.53E-07	5.53E-07	1.15E-04	0.00E+00	2.07E-05	0.00E+00	5.53E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
625	ALL	653870.1	4187628	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.15E-04	0.00E+00	2.08E-05	0.00E+00	5.57E-07	3.16E-04	0.00E+00	0.00E+00	3.16E-04
626	ALL	653890.1	4187628	NonCancer	0.00E+00	8.34E-06	0.00E+00	5.53E-07	5.53E-07	5.53E-07	1.13E-04	0.00E+00	2.07E-05	0.00E+00	5.53E-07	3.13E-04	0.00E+00	0.00E+00	3.13E-04
627	ALL	653910.1	4187628	NonCancer	0.00E+00	8.16E-06	0.00E+00	5.42E-07	5.42E-07	5.42E-07	1.11E-04	0.00E+00	2.03E-05	0.00E+00	5.42E-07	3.07E-04	0.00E+00	0.00E+00	3.07E-04
628	ALL	653930.1	4187628	NonCancer	0.00E+00	7.92E-06	0.00E+00	5.25E-07	5.25E-07	5.25E-07	1.08E-04	0.00E+00	1.96E-05	0.00E+00	5.25E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
629	ALL	653950.1	4187628	NonCancer	0.00E+00	7.67E-06	0.00E+00	5.09E-07	5.09E-07	5.09E-07	1.05E-04	0.00E+00	1.90E-05	0.00E+00	5.09E-07	2.89E-04	0.00E+00	0.00E+00	2.89E-04
630	ALL	653970.1	4187628	NonCancer	0.00E+00	7.47E-06	0.00E+00	4.95E-07	4.95E-07	4.95E-07	1.02E-04	0.00E+00	1.85E-05	0.00E+00	4.95E-07	2.82E-04	0.00E+00	0.00E+00	2.82E-04
631	ALL	653990.1	4187628	NonCancer	0.00E+00	7.31E-06	0.00E+00	4.85E-07	4.85E-07	4.85E-07	1.00E-04	0.00E+00	1.82E-05	0.00E+00	4.85E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
632	ALL	654010.1	4187628	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.78E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
633	ALL	654030.1	4187628	NonCancer	0.00E+00	7.03E-06	0.00E+00	4.67E-07	4.67E-07	4.67E-07	9.54E-05	0.00E+00	1.75E-05	0.00E+00	4.67E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
634	ALL	654050.1	4187628	NonCancer	0.00E+00	6.87E-06	0.00E+00	4.56E-07	4.56E-07	4.56E-07	9.28E-05	0.00E+00	1.70E-05	0.00E+00	4.56E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
635	ALL	654070.1	4187628	NonCancer	0.00E+00	6.67E-06	0.00E+00	4.43E-07	4.43E-07	4.43E-07	9.01E-05	0.00E+00	1.65E-05	0.00E+00	4.43E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
636	ALL	654090.1	4187628	NonCancer	0.00E+00	6.45E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	8.72E-05	0.00E+00	1.60E-05	0.00E+00	4.28E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
637	ALL	654110.1	4187628	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.41E-05	0.00E+00	1.54E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
638	ALL	654130.1	4187628	NonCancer	0.00E+00	5.99E-06	0.00E+00	3.98E-07	3.98E-07	3.98E-07	8.11E-05	0.00E+00	1.49E-05	0.00E+00	3.98E-07	2.25E-04	0.00E+00	0.00E+00	2.25E-04
639	ALL	654150.1	4187628	NonCancer	0.00E+00	5.76E-06	0.00E+00	3.82E-07	3.82E-07	3.82E-07	7.81E-05	0.00E+00	1.43E-05	0.00E+00	3.82E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
640	ALL	654170.1	4187628	NonCancer	0.00E+00	5.53E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.51E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
641	ALL	654190.1	4187628	NonCancer	0.00E+00	5.30E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.21E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
642	ALL	654210.1	4187628	NonCancer	0.00E+00	5.08E-06	0.00E+00	3.37E-07	3.37E-07	3.37E-07	6.92E-05	0.00E+00	1.26E-05	0.00E+00	3.37E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
643	ALL	654230.1	4187628	NonCancer	0.00E+00	4.87E-06	0.00E+00	3.23E-07	3.23E-07	3.23E-07	6.64E-05	0.00E+00	1.21E-05	0.00E+00	3.23E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
644	ALL	654250.1	4187628	NonCancer	0.00E+00	4.66E-06	0.00E+00	3.09E-07	3.09E-07	3.09E-07	6.37E-05	0.00E+00	1.16E-05	0.00E+00	3.09E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
645	ALL	654270.1	4187628	NonCancer	0.00E+00	4.46E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.11E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
646	ALL	654290.1	4187628	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.85E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
647	ALL	654310.1	4187628	NonCancer	0.00E+00	4.09E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.61E-05	0.00E+00	1.02E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
648	ALL	654330.1	4187628	NonCancer	0.00E+00	3.91E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.38E-05	0.00E+00	9.72E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
649	ALL	654350.1	4187628	NonCancer	0.00E+00	3.75E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.16E-05	0.00E+00	9.30E-06	0.00E+00	2.49E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04

650	ALL	654370.1	4187628	NonCancer	0.00E+00	3.59E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	4.95E-05	0.00E+00	8.91E-06	0.00E+00	2.38E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
651	ALL	654390.1	4187628	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.75E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
652	ALL	654410.1	4187628	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.56E-05	0.00E+00	8.18E-06	0.00E+00	2.19E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
653	ALL	654430.1	4187628	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	4.38E-05	0.00E+00	7.85E-06	0.00E+00	2.10E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
654	ALL	654450.1	4187628	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.21E-05	0.00E+00	7.53E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
655	ALL	654470.1	4187628	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.05E-05	0.00E+00	7.23E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
656	ALL	654490.1	4187628	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.90E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
657	ALL	653690.1	4187648	NonCancer	0.00E+00	8.12E-06	0.00E+00	5.39E-07	5.39E-07	5.39E-07	1.12E-04	0.00E+00	2.02E-05	0.00E+00	5.39E-07	3.06E-04	0.00E+00	0.00E+00	3.06E-04
658	ALL	653710.1	4187648	NonCancer	0.00E+00	8.06E-06	0.00E+00	5.34E-07	5.34E-07	5.34E-07	1.12E-04	0.00E+00	2.00E-05	0.00E+00	5.34E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
659	ALL	653730.1	4187648	NonCancer	0.00E+00	8.00E-06	0.00E+00	5.31E-07	5.31E-07	5.31E-07	1.14E-04	0.00E+00	1.99E-05	0.00E+00	5.31E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
660	ALL	653750.1	4187648	NonCancer	0.00E+00	8.11E-06	0.00E+00	5.38E-07	5.38E-07	5.38E-07	1.17E-04	0.00E+00	2.02E-05	0.00E+00	5.38E-07	3.10E-04	0.00E+00	0.00E+00	3.10E-04
661	ALL	653770.1	4187648	NonCancer	0.00E+00	8.38E-06	0.00E+00	5.56E-07	5.56E-07	5.56E-07	1.20E-04	0.00E+00	2.08E-05	0.00E+00	5.56E-07	3.20E-04	0.00E+00	0.00E+00	3.20E-04
662	ALL	653790.1	4187648	NonCancer	0.00E+00	8.71E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.24E-04	0.00E+00	2.16E-05	0.00E+00	5.78E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
663	ALL	653810.1	4187648	NonCancer	0.00E+00	8.98E-06	0.00E+00	5.96E-07	5.96E-07	5.96E-07	1.26E-04	0.00E+00	2.23E-05	0.00E+00	5.96E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04
664	ALL	653830.1	4187648	NonCancer	0.00E+00	9.18E-06	0.00E+00	6.09E-07	6.09E-07	6.09E-07	1.27E-04	0.00E+00	2.28E-05	0.00E+00	6.09E-07	3.47E-04	0.00E+00	0.00E+00	3.47E-04
665	ALL	653850.1	4187648	NonCancer	0.00E+00	9.31E-06	0.00E+00	6.18E-07	6.18E-07	6.18E-07	1.28E-04	0.00E+00	2.31E-05	0.00E+00	6.18E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
666	ALL	653870.1	4187648	NonCancer	0.00E+00	9.33E-06	0.00E+00	6.19E-07	6.19E-07	6.19E-07	1.26E-04	0.00E+00	2.31E-05	0.00E+00	6.19E-07	3.50E-04	0.00E+00	0.00E+00	3.50E-04
667	ALL	653890.1	4187648	NonCancer	0.00E+00	9.20E-06	0.00E+00	6.11E-07	6.11E-07	6.11E-07	1.24E-04	0.00E+00	2.28E-05	0.00E+00	6.11E-07	3.45E-04	0.00E+00	0.00E+00	3.45E-04
668	ALL	653910.1	4187648	NonCancer	0.00E+00	8.95E-06	0.00E+00	5.94E-07	5.94E-07	5.94E-07	1.21E-04	0.00E+00	2.22E-05	0.00E+00	5.94E-07	3.36E-04	0.00E+00	0.00E+00	3.36E-04
669	ALL	653930.1	4187648	NonCancer	0.00E+00	8.66E-06	0.00E+00	5.74E-07	5.74E-07	5.74E-07	1.18E-04	0.00E+00	2.15E-05	0.00E+00	5.74E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04
670	ALL	653950.1	4187648	NonCancer	0.00E+00	8.40E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.14E-04	0.00E+00	2.08E-05	0.00E+00	5.57E-07	3.16E-04	0.00E+00	0.00E+00	3.16E-04
671	ALL	653970.1	4187648	NonCancer	0.00E+00	8.20E-06	0.00E+00	5.44E-07	5.44E-07	5.44E-07	1.12E-04	0.00E+00	2.04E-05	0.00E+00	5.44E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
672	ALL	653990.1	4187648	NonCancer	0.00E+00	8.04E-06	0.00E+00	5.33E-07	5.33E-07	5.33E-07	1.09E-04	0.00E+00	1.99E-05	0.00E+00	5.33E-07	3.02E-04	0.00E+00	0.00E+00	3.02E-04
673	ALL	654010.1	4187648	NonCancer	0.00E+00	7.87E-06	0.00E+00	5.22E-07	5.22E-07	5.22E-07	1.06E-04	0.00E+00	1.95E-05	0.00E+00	5.22E-07	2.95E-04	0.00E+00	0.00E+00	2.95E-04
674	ALL	654030.1	4187648	NonCancer	0.00E+00	7.67E-06	0.00E+00	5.09E-07	5.09E-07	5.09E-07	1.03E-04	0.00E+00	1.90E-05	0.00E+00	5.09E-07	2.87E-04	0.00E+00	0.00E+00	2.87E-04
675	ALL	654050.1	4187648	NonCancer	0.00E+00	7.44E-06	0.00E+00	4.94E-07	4.94E-07	4.94E-07	9.98E-05	0.00E+00	1.84E-05	0.00E+00	4.94E-07	2.79E-04	0.00E+00	0.00E+00	2.79E-04
676	ALL	654070.1	4187648	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.64E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.69E-04	0.00E+00	0.00E+00	2.69E-04
677	ALL	654090.1	4187648	NonCancer	0.00E+00	6.91E-06	0.00E+00	4.58E-07	4.58E-07	4.58E-07	9.29E-05	0.00E+00	1.71E-05	0.00E+00	4.58E-07	2.59E-04	0.00E+00	0.00E+00	2.59E-04
678	ALL	654110.1	4187648	NonCancer	0.00E+00	6.63E-06	0.00E+00	4.40E-07	4.40E-07	4.40E-07	8.93E-05	0.00E+00	1.65E-05	0.00E+00	4.40E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
679	ALL	654130.1	4187648	NonCancer	0.00E+00	6.36E-06	0.00E+00	4.22E-07	4.22E-07	4.22E-07	8.57E-05	0.00E+00	1.58E-05	0.00E+00	4.22E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
680	ALL	654150.1	4187648	NonCancer	0.00E+00	6.09E-06	0.00E+00	4.04E-07	4.04E-07	4.04E-07	8.22E-05	0.00E+00	1.51E-05	0.00E+00	4.04E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
681	ALL	654170.1	4187648	NonCancer	0.00E+00	5.82E-06	0.00E+00	3.86E-07	3.86E-07	3.86E-07	7.87E-05	0.00E+00	1.44E-05	0.00E+00	3.86E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
682	ALL	654190.1	4187648	NonCancer	0.00E+00	5.56E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	7.53E-05	0.00E+00	1.38E-05	0.00E+00	3.69E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
683	ALL	654210.1	4187648	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.21E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
684	ALL	654230.1	4187648	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	6.89E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
685	ALL	654250.1	4187648	NonCancer	0.00E+00	4.84E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.59E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
686	ALL	654270.1	4187648	NonCancer	0.00E+00	4.62E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.30E-05	0.00E+00	1.15E-05	0.00E+00	3.06E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
687	ALL	654290.1	4187648	NonCancer	0.00E+00	4.41E-06	0.00E+00	2.92E-07	2.92E-07	2.92E-07	6.02E-05	0.00E+00	1.09E-05	0.00E+00	2.92E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
688	ALL	654310.1	4187648	NonCancer	0.00E+00	4.21E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.76E-05	0.00E+00	1.04E-05	0.00E+00	2.79E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
689	ALL	654330.1	4187648	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.51E-05	0.00E+00	9.97E-06	0.00E+00	2.66E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
690	ALL	654350.1	4187648	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.28E-05	0.00E+00	9.52E-06	0.00E+00	2.55E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
691	ALL	654370.1	4187648	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.05E-05	0.00E+00	9.10E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
692	ALL	654390.1	4187648	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.84E-05	0.00E+00	8.71E-06	0.00E+00	2.33E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
693	ALL	654410.1	4187648	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.64E-05	0.00E+00	8.33E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
694	ALL	654430.1	4187648	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.46E-05	0.00E+00	7.98E-06	0.00E+00	2.13E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
695	ALL	654450.1	4187648	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.28E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
696	ALL	654470.1	4187648	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.11E-05	0.00E+00	7.33E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
697	ALL	654490.1	4187648	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.95E-05	0.00E+00	7.03E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
698	ALL	653690.1	4187668	NonCancer	0.00E+00	9.08E-06	0.00E+00	6.02E-07	6.02E-07	6.02E-07	1.24E-04	0.00E+00	2.25E-05	0.00E+00	6.02E-07	3.42E-04	0.00E+00	0.00E+00	3.42E-04
699	ALL	653710.1	4187668	NonCancer	0.00E+00	9.02E-06	0.00E+00	5.98E-07	5.98E-07	5.98E-07	1.25E-04	0.00E+00	2.24E-05	0.00E+00	5.98E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04

700	ALL	653730.1	4187668	NonCancer	0.00E+00	8.96E-06	0.00E+00	5.95E-07	5.95E-07	5.95E-07	1.27E-04	0.00E+00	2.23E-05	0.00E+00	5.95E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04
701	ALL	653750.1	4187668	NonCancer	0.00E+00	9.09E-06	0.00E+00	6.03E-07	6.03E-07	6.03E-07	1.30E-04	0.00E+00	2.26E-05	0.00E+00	6.03E-07	3.47E-04	0.00E+00	0.00E+00	3.47E-04
702	ALL	653770.1	4187668	NonCancer	0.00E+00	9.43E-06	0.00E+00	6.25E-07	6.25E-07	6.25E-07	1.34E-04	0.00E+00	2.34E-05	0.00E+00	6.25E-07	3.59E-04	0.00E+00	0.00E+00	3.59E-04
703	ALL	653790.1	4187668	NonCancer	0.00E+00	9.81E-06	0.00E+00	6.51E-07	6.51E-07	6.51E-07	1.38E-04	0.00E+00	2.44E-05	0.00E+00	6.51E-07	3.73E-04	0.00E+00	0.00E+00	3.73E-04
704	ALL	653810.1	4187668	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.72E-07	6.72E-07	6.72E-07	1.41E-04	0.00E+00	2.52E-05	0.00E+00	6.72E-07	3.83E-04	0.00E+00	0.00E+00	3.83E-04
705	ALL	653830.1	4187668	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.86E-07	6.86E-07	6.86E-07	1.42E-04	0.00E+00	2.57E-05	0.00E+00	6.86E-07	3.90E-04	0.00E+00	0.00E+00	3.90E-04
706	ALL	653850.1	4187668	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.94E-07	6.94E-07	6.94E-07	1.42E-04	0.00E+00	2.59E-05	0.00E+00	6.94E-07	3.93E-04	0.00E+00	0.00E+00	3.93E-04
707	ALL	653870.1	4187668	NonCancer	0.00E+00	1.04E-05	0.00E+00	6.91E-07	6.91E-07	6.91E-07	1.40E-04	0.00E+00	2.58E-05	0.00E+00	6.91E-07	3.90E-04	0.00E+00	0.00E+00	3.90E-04
708	ALL	653890.1	4187668	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.76E-07	6.76E-07	6.76E-07	1.36E-04	0.00E+00	2.53E-05	0.00E+00	6.76E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
709	ALL	653910.1	4187668	NonCancer	0.00E+00	9.86E-06	0.00E+00	6.54E-07	6.54E-07	6.54E-07	1.33E-04	0.00E+00	2.45E-05	0.00E+00	6.54E-07	3.70E-04	0.00E+00	0.00E+00	3.70E-04
710	ALL	653930.1	4187668	NonCancer	0.00E+00	9.53E-06	0.00E+00	6.33E-07	6.33E-07	6.33E-07	1.29E-04	0.00E+00	2.37E-05	0.00E+00	6.33E-07	3.58E-04	0.00E+00	0.00E+00	3.58E-04
711	ALL	653950.1	4187668	NonCancer	0.00E+00	9.28E-06	0.00E+00	6.16E-07	6.16E-07	6.16E-07	1.26E-04	0.00E+00	2.30E-05	0.00E+00	6.16E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
712	ALL	653970.1	4187668	NonCancer	0.00E+00	9.07E-06	0.00E+00	6.02E-07	6.02E-07	6.02E-07	1.22E-04	0.00E+00	2.25E-05	0.00E+00	6.02E-07	3.40E-04	0.00E+00	0.00E+00	3.40E-04
713	ALL	653990.1	4187668	NonCancer	0.00E+00	8.86E-06	0.00E+00	5.88E-07	5.88E-07	5.88E-07	1.19E-04	0.00E+00	2.20E-05	0.00E+00	5.88E-07	3.32E-04	0.00E+00	0.00E+00	3.32E-04
714	ALL	654010.1	4187668	NonCancer	0.00E+00	8.63E-06	0.00E+00	5.73E-07	5.73E-07	5.73E-07	1.15E-04	0.00E+00	2.14E-05	0.00E+00	5.73E-07	3.23E-04	0.00E+00	0.00E+00	3.23E-04
715	ALL	654030.1	4187668	NonCancer	0.00E+00	8.35E-06	0.00E+00	5.54E-07	5.54E-07	5.54E-07	1.11E-04	0.00E+00	2.07E-05	0.00E+00	5.54E-07	3.12E-04	0.00E+00	0.00E+00	3.12E-04
716	ALL	654050.1	4187668	NonCancer	0.00E+00	8.04E-06	0.00E+00	5.34E-07	5.34E-07	5.34E-07	1.07E-04	0.00E+00	1.99E-05	0.00E+00	5.34E-07	3.01E-04	0.00E+00	0.00E+00	3.01E-04
717	ALL	654070.1	4187668	NonCancer	0.00E+00	7.72E-06	0.00E+00	5.12E-07	5.12E-07	5.12E-07	1.03E-04	0.00E+00	1.91E-05	0.00E+00	5.12E-07	2.89E-04	0.00E+00	0.00E+00	2.89E-04
718	ALL	654090.1	4187668	NonCancer	0.00E+00	7.39E-06	0.00E+00	4.90E-07	4.90E-07	4.90E-07	9.88E-05	0.00E+00	1.83E-05	0.00E+00	4.90E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
719	ALL	654110.1	4187668	NonCancer	0.00E+00	7.06E-06	0.00E+00	4.68E-07	4.68E-07	4.68E-07	9.45E-05	0.00E+00	1.75E-05	0.00E+00	4.68E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
720	ALL	654130.1	4187668	NonCancer	0.00E+00	6.73E-06	0.00E+00	4.47E-07	4.47E-07	4.47E-07	9.04E-05	0.00E+00	1.67E-05	0.00E+00	4.47E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
721	ALL	654150.1	4187668	NonCancer	0.00E+00	6.42E-06	0.00E+00	4.26E-07	4.26E-07	4.26E-07	8.63E-05	0.00E+00	1.59E-05	0.00E+00	4.26E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
722	ALL	654170.1	4187668	NonCancer	0.00E+00	6.11E-06	0.00E+00	4.05E-07	4.05E-07	4.05E-07	8.23E-05	0.00E+00	1.52E-05	0.00E+00	4.05E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
723	ALL	654190.1	4187668	NonCancer	0.00E+00	5.81E-06	0.00E+00	3.86E-07	3.86E-07	3.86E-07	7.85E-05	0.00E+00	1.44E-05	0.00E+00	3.86E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
724	ALL	654210.1	4187668	NonCancer	0.00E+00	5.53E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.48E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
725	ALL	654230.1	4187668	NonCancer	0.00E+00	5.26E-06	0.00E+00	3.49E-07	3.49E-07	3.49E-07	7.13E-05	0.00E+00	1.31E-05	0.00E+00	3.49E-07	1.98E-04	0.00E+00	0.00E+00	1.98E-04
726	ALL	654250.1	4187668	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	6.80E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
727	ALL	654270.1	4187668	NonCancer	0.00E+00	4.76E-06	0.00E+00	3.16E-07	3.16E-07	3.16E-07	6.48E-05	0.00E+00	1.18E-05	0.00E+00	3.16E-07	1.79E-04	0.00E+00	0.00E+00	1.79E-04
728	ALL	654290.1	4187668	NonCancer	0.00E+00	4.53E-06	0.00E+00	3.01E-07	3.01E-07	3.01E-07	6.18E-05	0.00E+00	1.12E-05	0.00E+00	3.01E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
729	ALL	654310.1	4187668	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.90E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
730	ALL	654330.1	4187668	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.64E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
731	ALL	654350.1	4187668	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.39E-05	0.00E+00	9.72E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
732	ALL	654370.1	4187668	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.15E-05	0.00E+00	9.28E-06	0.00E+00	2.48E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
733	ALL	654390.1	4187668	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.93E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
734	ALL	654410.1	4187668	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.72E-05	0.00E+00	8.46E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
735	ALL	654430.1	4187668	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.52E-05	0.00E+00	8.09E-06	0.00E+00	2.16E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
736	ALL	654450.1	4187668	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.34E-05	0.00E+00	7.75E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
737	ALL	654470.1	4187668	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.16E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
738	ALL	654490.1	4187668	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.00E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
739	ALL	653690.1	4187688	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.78E-07	6.78E-07	6.78E-07	1.39E-04	0.00E+00	2.54E-05	0.00E+00	6.78E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
740	ALL	653710.1	4187688	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.75E-07	6.75E-07	6.75E-07	1.40E-04	0.00E+00	2.52E-05	0.00E+00	6.75E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
741	ALL	653730.1	4187688	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.71E-07	6.71E-07	6.71E-07	1.42E-04	0.00E+00	2.51E-05	0.00E+00	6.71E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
742	ALL	653750.1	4187688	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.82E-07	6.82E-07	6.82E-07	1.46E-04	0.00E+00	2.56E-05	0.00E+00	6.82E-07	3.92E-04	0.00E+00	0.00E+00	3.92E-04
743	ALL	653770.1	4187688	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.09E-07	7.09E-07	7.09E-07	1.51E-04	0.00E+00	2.66E-05	0.00E+00	7.09E-07	4.07E-04	0.00E+00	0.00E+00	4.07E-04
744	ALL	653790.1	4187688	NonCancer	0.00E+00	1.11E-05	0.00E+00	7.40E-07	7.40E-07	7.40E-07	1.56E-04	0.00E+00	2.77E-05	0.00E+00	7.40E-07	4.22E-04	0.00E+00	0.00E+00	4.22E-04
745	ALL	653810.1	4187688	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.64E-07	7.64E-07	7.64E-07	1.59E-04	0.00E+00	2.86E-05	0.00E+00	7.64E-07	4.34E-04	0.00E+00	0.00E+00	4.34E-04
746	ALL	653830.1	4187688	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.79E-07	7.79E-07	7.79E-07	1.59E-04	0.00E+00	2.91E-05	0.00E+00	7.79E-07	4.41E-04	0.00E+00	0.00E+00	4.41E-04
747	ALL	653850.1	4187688	NonCancer	0.00E+00	1.18E-05	0.00E+00	7.84E-07	7.84E-07	7.84E-07	1.58E-04	0.00E+00	2.93E-05	0.00E+00	7.84E-07	4.42E-04	0.00E+00	0.00E+00	4.42E-04
748	ALL	653870.1	4187688	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.74E-07	7.74E-07	7.74E-07	1.55E-04	0.00E+00	2.89E-05	0.00E+00	7.74E-07	4.36E-04	0.00E+00	0.00E+00	4.36E-04
749	ALL	653890.1	4187688	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.52E-07	7.52E-07	7.52E-07	1.51E-04	0.00E+00	2.81E-05	0.00E+00	7.52E-07	4.24E-04	0.00E+00	0.00E+00	4.24E-04

750	ALL	653910.1	4187688	NonCancer	0.00E+00	1.09E-05	0.00E+00	7.26E-07	7.26E-07	7.26E-07	1.46E-04	0.00E+00	2.71E-05	0.00E+00	7.26E-07	4.10E-04	0.00E+00	0.00E+00	4.10E-04
751	ALL	653930.1	4187688	NonCancer	0.00E+00	1.06E-05	0.00E+00	7.03E-07	7.03E-07	7.03E-07	1.42E-04	0.00E+00	2.63E-05	0.00E+00	7.03E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
752	ALL	653950.1	4187688	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.86E-07	6.86E-07	6.86E-07	1.38E-04	0.00E+00	2.56E-05	0.00E+00	6.86E-07	3.87E-04	0.00E+00	0.00E+00	3.87E-04
753	ALL	653970.1	4187688	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.69E-07	6.69E-07	6.69E-07	1.34E-04	0.00E+00	2.50E-05	0.00E+00	6.69E-07	3.77E-04	0.00E+00	0.00E+00	3.77E-04
754	ALL	653990.1	4187688	NonCancer	0.00E+00	9.79E-06	0.00E+00	6.50E-07	6.50E-07	6.50E-07	1.30E-04	0.00E+00	2.43E-05	0.00E+00	6.50E-07	3.66E-04	0.00E+00	0.00E+00	3.66E-04
755	ALL	654010.1	4187688	NonCancer	0.00E+00	9.46E-06	0.00E+00	6.28E-07	6.28E-07	6.28E-07	1.25E-04	0.00E+00	2.34E-05	0.00E+00	6.28E-07	3.53E-04	0.00E+00	0.00E+00	3.53E-04
756	ALL	654030.1	4187688	NonCancer	0.00E+00	9.08E-06	0.00E+00	6.03E-07	6.03E-07	6.03E-07	1.20E-04	0.00E+00	2.25E-05	0.00E+00	6.03E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
757	ALL	654050.1	4187688	NonCancer	0.00E+00	8.69E-06	0.00E+00	5.76E-07	5.76E-07	5.76E-07	1.15E-04	0.00E+00	2.15E-05	0.00E+00	5.76E-07	3.24E-04	0.00E+00	0.00E+00	3.24E-04
758	ALL	654070.1	4187688	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.50E-07	5.50E-07	5.50E-07	1.10E-04	0.00E+00	2.05E-05	0.00E+00	5.50E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
759	ALL	654090.1	4187688	NonCancer	0.00E+00	7.88E-06	0.00E+00	5.23E-07	5.23E-07	5.23E-07	1.05E-04	0.00E+00	1.96E-05	0.00E+00	5.23E-07	2.95E-04	0.00E+00	0.00E+00	2.95E-04
760	ALL	654110.1	4187688	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	9.99E-05	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.80E-04	0.00E+00	0.00E+00	2.80E-04
761	ALL	654130.1	4187688	NonCancer	0.00E+00	7.11E-06	0.00E+00	4.72E-07	4.72E-07	4.72E-07	9.50E-05	0.00E+00	1.76E-05	0.00E+00	4.72E-07	2.66E-04	0.00E+00	0.00E+00	2.66E-04
762	ALL	654150.1	4187688	NonCancer	0.00E+00	6.75E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.03E-05	0.00E+00	1.67E-05	0.00E+00	4.48E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
763	ALL	654170.1	4187688	NonCancer	0.00E+00	6.39E-06	0.00E+00	4.24E-07	4.24E-07	4.24E-07	8.58E-05	0.00E+00	1.59E-05	0.00E+00	4.24E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
764	ALL	654190.1	4187688	NonCancer	0.00E+00	6.06E-06	0.00E+00	4.02E-07	4.02E-07	4.02E-07	8.15E-05	0.00E+00	1.50E-05	0.00E+00	4.02E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04
765	ALL	654210.1	4187688	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.74E-05	0.00E+00	1.42E-05	0.00E+00	3.81E-07	2.15E-04	0.00E+00	0.00E+00	2.15E-04
766	ALL	654230.1	4187688	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.36E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
767	ALL	654250.1	4187688	NonCancer	0.00E+00	5.16E-06	0.00E+00	3.42E-07	3.42E-07	3.42E-07	7.00E-05	0.00E+00	1.28E-05	0.00E+00	3.42E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
768	ALL	654270.1	4187688	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.65E-05	0.00E+00	1.21E-05	0.00E+00	3.25E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
769	ALL	654290.1	4187688	NonCancer	0.00E+00	4.64E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.33E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
770	ALL	654310.1	4187688	NonCancer	0.00E+00	4.41E-06	0.00E+00	2.93E-07	2.93E-07	2.93E-07	6.03E-05	0.00E+00	1.09E-05	0.00E+00	2.93E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
771	ALL	654330.1	4187688	NonCancer	0.00E+00	4.19E-06	0.00E+00	2.78E-07	2.78E-07	2.78E-07	5.75E-05	0.00E+00	1.04E-05	0.00E+00	2.78E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
772	ALL	654350.1	4187688	NonCancer	0.00E+00	3.99E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.49E-05	0.00E+00	9.90E-06	0.00E+00	2.65E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
773	ALL	654370.1	4187688	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.24E-05	0.00E+00	9.43E-06	0.00E+00	2.52E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
774	ALL	654390.1	4187688	NonCancer	0.00E+00	3.62E-06	0.00E+00	2.40E-07	2.40E-07	2.40E-07	5.01E-05	0.00E+00	8.99E-06	0.00E+00	2.40E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
775	ALL	654410.1	4187688	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.79E-05	0.00E+00	8.58E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
776	ALL	654430.1	4187688	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.59E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
777	ALL	654450.1	4187688	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.39E-05	0.00E+00	7.83E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
778	ALL	654470.1	4187688	NonCancer	0.00E+00	3.02E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.21E-05	0.00E+00	7.49E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
779	ALL	654490.1	4187688	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.05E-05	0.00E+00	7.17E-06	0.00E+00	1.92E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
780	ALL	653690.1	4187708	NonCancer	0.00E+00	1.16E-05	0.00E+00	7.70E-07	7.70E-07	7.70E-07	1.57E-04	0.00E+00	2.88E-05	0.00E+00	7.70E-07	4.35E-04	0.00E+00	0.00E+00	4.35E-04
781	ALL	653710.1	4187708	NonCancer	0.00E+00	1.16E-05	0.00E+00	7.68E-07	7.68E-07	7.68E-07	1.58E-04	0.00E+00	2.87E-05	0.00E+00	7.68E-07	4.36E-04	0.00E+00	0.00E+00	4.36E-04
782	ALL	653730.1	4187708	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.64E-07	7.64E-07	7.64E-07	1.61E-04	0.00E+00	2.86E-05	0.00E+00	7.64E-07	4.37E-04	0.00E+00	0.00E+00	4.37E-04
783	ALL	653750.1	4187708	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.79E-07	7.79E-07	7.79E-07	1.66E-04	0.00E+00	2.92E-05	0.00E+00	7.79E-07	4.46E-04	0.00E+00	0.00E+00	4.46E-04
784	ALL	653770.1	4187708	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.12E-07	8.12E-07	8.12E-07	1.72E-04	0.00E+00	3.04E-05	0.00E+00	8.12E-07	4.64E-04	0.00E+00	0.00E+00	4.64E-04
785	ALL	653790.1	4187708	NonCancer	0.00E+00	1.28E-05	0.00E+00	8.48E-07	8.48E-07	8.48E-07	1.77E-04	0.00E+00	3.17E-05	0.00E+00	8.48E-07	4.83E-04	0.00E+00	0.00E+00	4.83E-04
786	ALL	653810.1	4187708	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.76E-07	8.76E-07	8.76E-07	1.80E-04	0.00E+00	3.28E-05	0.00E+00	8.76E-07	4.96E-04	0.00E+00	0.00E+00	4.96E-04
787	ALL	653830.1	4187708	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.92E-07	8.92E-07	8.92E-07	1.80E-04	0.00E+00	3.33E-05	0.00E+00	8.92E-07	5.03E-04	0.00E+00	0.00E+00	5.03E-04
788	ALL	653850.1	4187708	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.91E-07	8.91E-07	8.91E-07	1.77E-04	0.00E+00	3.33E-05	0.00E+00	8.91E-07	5.01E-04	0.00E+00	0.00E+00	5.01E-04
789	ALL	653870.1	4187708	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.72E-07	8.72E-07	8.72E-07	1.73E-04	0.00E+00	3.26E-05	0.00E+00	8.72E-07	4.90E-04	0.00E+00	0.00E+00	4.90E-04
790	ALL	653890.1	4187708	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.42E-07	8.42E-07	8.42E-07	1.68E-04	0.00E+00	3.14E-05	0.00E+00	8.42E-07	4.74E-04	0.00E+00	0.00E+00	4.74E-04
791	ALL	653910.1	4187708	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.13E-07	8.13E-07	8.13E-07	1.63E-04	0.00E+00	3.04E-05	0.00E+00	8.13E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
792	ALL	653930.1	4187708	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.89E-07	7.89E-07	7.89E-07	1.58E-04	0.00E+00	2.95E-05	0.00E+00	7.89E-07	4.44E-04	0.00E+00	0.00E+00	4.44E-04
793	ALL	653950.1	4187708	NonCancer	0.00E+00	1.16E-05	0.00E+00	7.68E-07	7.68E-07	7.68E-07	1.53E-04	0.00E+00	2.87E-05	0.00E+00	7.68E-07	4.32E-04	0.00E+00	0.00E+00	4.32E-04
794	ALL	653970.1	4187708	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.45E-07	7.45E-07	7.45E-07	1.48E-04	0.00E+00	2.78E-05	0.00E+00	7.45E-07	4.18E-04	0.00E+00	0.00E+00	4.18E-04
795	ALL	653990.1	4187708	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.17E-07	7.17E-07	7.17E-07	1.42E-04	0.00E+00	2.68E-05	0.00E+00	7.17E-07	4.02E-04	0.00E+00	0.00E+00	4.02E-04
796	ALL	654010.1	4187708	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.87E-07	6.87E-07	6.87E-07	1.36E-04	0.00E+00	2.56E-05	0.00E+00	6.87E-07	3.85E-04	0.00E+00	0.00E+00	3.85E-04
797	ALL	654030.1	4187708	NonCancer	0.00E+00	9.86E-06	0.00E+00	6.54E-07	6.54E-07	6.54E-07	1.30E-04	0.00E+00	2.44E-05	0.00E+00	6.54E-07	3.67E-04	0.00E+00	0.00E+00	3.67E-04
798	ALL	654050.1	4187708	NonCancer	0.00E+00	9.36E-06	0.00E+00	6.21E-07	6.21E-07	6.21E-07	1.23E-04	0.00E+00	2.32E-05	0.00E+00	6.21E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
799	ALL	654070.1	4187708	NonCancer	0.00E+00	8.87E-06	0.00E+00	5.89E-07	5.89E-07	5.89E-07	1.17E-04	0.00E+00	2.20E-05	0.00E+00	5.89E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04

800	ALL	654090.1	4187708	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.11E-04	0.00E+00	2.08E-05	0.00E+00	5.57E-07	3.13E-04	0.00E+00	0.00E+00	3.13E-04
801	ALL	654110.1	4187708	NonCancer	0.00E+00	7.93E-06	0.00E+00	5.26E-07	5.26E-07	5.26E-07	1.05E-04	0.00E+00	1.97E-05	0.00E+00	5.26E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
802	ALL	654130.1	4187708	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	9.96E-05	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.80E-04	0.00E+00	0.00E+00	2.80E-04
803	ALL	654150.1	4187708	NonCancer	0.00E+00	7.06E-06	0.00E+00	4.69E-07	4.69E-07	4.69E-07	9.42E-05	0.00E+00	1.75E-05	0.00E+00	4.69E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
804	ALL	654170.1	4187708	NonCancer	0.00E+00	6.66E-06	0.00E+00	4.42E-07	4.42E-07	4.42E-07	8.92E-05	0.00E+00	1.65E-05	0.00E+00	4.42E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
805	ALL	654190.1	4187708	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	8.44E-05	0.00E+00	1.56E-05	0.00E+00	4.17E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
806	ALL	654210.1	4187708	NonCancer	0.00E+00	5.93E-06	0.00E+00	3.94E-07	3.94E-07	3.94E-07	7.99E-05	0.00E+00	1.47E-05	0.00E+00	3.94E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
807	ALL	654230.1	4187708	NonCancer	0.00E+00	5.60E-06	0.00E+00	3.72E-07	3.72E-07	3.72E-07	7.57E-05	0.00E+00	1.39E-05	0.00E+00	3.72E-07	2.10E-04	0.00E+00	0.00E+00	2.10E-04
808	ALL	654250.1	4187708	NonCancer	0.00E+00	5.29E-06	0.00E+00	3.51E-07	3.51E-07	3.51E-07	7.18E-05	0.00E+00	1.31E-05	0.00E+00	3.51E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
809	ALL	654270.1	4187708	NonCancer	0.00E+00	5.01E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	6.81E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
810	ALL	654290.1	4187708	NonCancer	0.00E+00	4.74E-06	0.00E+00	3.15E-07	3.15E-07	3.15E-07	6.47E-05	0.00E+00	1.18E-05	0.00E+00	3.15E-07	1.78E-04	0.00E+00	0.00E+00	1.78E-04
811	ALL	654310.1	4187708	NonCancer	0.00E+00	4.50E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.15E-05	0.00E+00	1.12E-05	0.00E+00	2.98E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
812	ALL	654330.1	4187708	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.85E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
813	ALL	654350.1	4187708	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.58E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
814	ALL	654370.1	4187708	NonCancer	0.00E+00	3.85E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	5.32E-05	0.00E+00	9.57E-06	0.00E+00	2.56E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
815	ALL	654390.1	4187708	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.08E-05	0.00E+00	9.11E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
816	ALL	654410.1	4187708	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.85E-05	0.00E+00	8.68E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
817	ALL	654430.1	4187708	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.64E-05	0.00E+00	8.28E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
818	ALL	654450.1	4187708	NonCancer	0.00E+00	3.18E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.45E-05	0.00E+00	7.91E-06	0.00E+00	2.11E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
819	ALL	654470.1	4187708	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.26E-05	0.00E+00	7.56E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
820	ALL	654490.1	4187708	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.09E-05	0.00E+00	7.24E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
821	ALL	653690.1	4187728	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.82E-07	8.82E-07	8.82E-07	1.79E-04	0.00E+00	3.30E-05	0.00E+00	8.82E-07	4.98E-04	0.00E+00	0.00E+00	4.98E-04
822	ALL	653710.1	4187728	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.83E-07	8.83E-07	8.83E-07	1.80E-04	0.00E+00	3.30E-05	0.00E+00	8.83E-07	5.00E-04	0.00E+00	0.00E+00	5.00E-04
823	ALL	653730.1	4187728	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.80E-07	8.80E-07	8.80E-07	1.84E-04	0.00E+00	3.30E-05	0.00E+00	8.80E-07	5.02E-04	0.00E+00	0.00E+00	5.02E-04
824	ALL	653750.1	4187728	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.99E-07	8.99E-07	8.99E-07	1.90E-04	0.00E+00	3.37E-05	0.00E+00	8.99E-07	5.14E-04	0.00E+00	0.00E+00	5.14E-04
825	ALL	653770.1	4187728	NonCancer	0.00E+00	1.42E-05	0.00E+00	9.40E-07	9.40E-07	9.40E-07	1.97E-04	0.00E+00	3.52E-05	0.00E+00	9.40E-07	5.36E-04	0.00E+00	0.00E+00	5.36E-04
826	ALL	653790.1	4187728	NonCancer	0.00E+00	1.48E-05	0.00E+00	9.84E-07	9.84E-07	9.84E-07	2.03E-04	0.00E+00	3.68E-05	0.00E+00	9.84E-07	5.58E-04	0.00E+00	0.00E+00	5.58E-04
827	ALL	653810.1	4187728	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.05E-04	0.00E+00	3.80E-05	0.00E+00	1.02E-06	5.73E-04	0.00E+00	0.00E+00	5.73E-04
828	ALL	653830.1	4187728	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.05E-04	0.00E+00	3.85E-05	0.00E+00	1.03E-06	5.78E-04	0.00E+00	0.00E+00	5.78E-04
829	ALL	653850.1	4187728	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.01E-04	0.00E+00	3.80E-05	0.00E+00	1.02E-06	5.71E-04	0.00E+00	0.00E+00	5.71E-04
830	ALL	653870.1	4187728	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.88E-07	9.88E-07	9.88E-07	1.95E-04	0.00E+00	3.69E-05	0.00E+00	9.88E-07	5.54E-04	0.00E+00	0.00E+00	5.54E-04
831	ALL	653890.1	4187728	NonCancer	0.00E+00	1.43E-05	0.00E+00	9.51E-07	9.51E-07	9.51E-07	1.89E-04	0.00E+00	3.55E-05	0.00E+00	9.51E-07	5.34E-04	0.00E+00	0.00E+00	5.34E-04
832	ALL	653910.1	4187728	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.20E-07	9.20E-07	9.20E-07	1.82E-04	0.00E+00	3.44E-05	0.00E+00	9.20E-07	5.17E-04	0.00E+00	0.00E+00	5.17E-04
833	ALL	653930.1	4187728	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.93E-07	8.93E-07	8.93E-07	1.76E-04	0.00E+00	3.33E-05	0.00E+00	8.93E-07	5.01E-04	0.00E+00	0.00E+00	5.01E-04
834	ALL	653950.1	4187728	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.63E-07	8.63E-07	8.63E-07	1.70E-04	0.00E+00	3.22E-05	0.00E+00	8.63E-07	4.84E-04	0.00E+00	0.00E+00	4.84E-04
835	ALL	653970.1	4187728	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.29E-07	8.29E-07	8.29E-07	1.62E-04	0.00E+00	3.10E-05	0.00E+00	8.29E-07	4.64E-04	0.00E+00	0.00E+00	4.64E-04
836	ALL	653990.1	4187728	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.91E-07	7.91E-07	7.91E-07	1.55E-04	0.00E+00	2.95E-05	0.00E+00	7.91E-07	4.42E-04	0.00E+00	0.00E+00	4.42E-04
837	ALL	654010.1	4187728	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.50E-07	7.50E-07	7.50E-07	1.47E-04	0.00E+00	2.80E-05	0.00E+00	7.50E-07	4.20E-04	0.00E+00	0.00E+00	4.20E-04
838	ALL	654030.1	4187728	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.09E-07	7.09E-07	7.09E-07	1.39E-04	0.00E+00	2.65E-05	0.00E+00	7.09E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
839	ALL	654050.1	4187728	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.68E-07	6.68E-07	6.68E-07	1.32E-04	0.00E+00	2.49E-05	0.00E+00	6.68E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
840	ALL	654070.1	4187728	NonCancer	0.00E+00	9.47E-06	0.00E+00	6.29E-07	6.29E-07	6.29E-07	1.24E-04	0.00E+00	2.35E-05	0.00E+00	6.29E-07	3.53E-04	0.00E+00	0.00E+00	3.53E-04
841	ALL	654090.1	4187728	NonCancer	0.00E+00	8.90E-06	0.00E+00	5.91E-07	5.91E-07	5.91E-07	1.17E-04	0.00E+00	2.21E-05	0.00E+00	5.91E-07	3.32E-04	0.00E+00	0.00E+00	3.32E-04
842	ALL	654110.1	4187728	NonCancer	0.00E+00	8.36E-06	0.00E+00	5.55E-07	5.55E-07	5.55E-07	1.10E-04	0.00E+00	2.07E-05	0.00E+00	5.55E-07	3.12E-04	0.00E+00	0.00E+00	3.12E-04
843	ALL	654130.1	4187728	NonCancer	0.00E+00	7.84E-06	0.00E+00	5.20E-07	5.20E-07	5.20E-07	1.04E-04	0.00E+00	1.94E-05	0.00E+00	5.20E-07	2.93E-04	0.00E+00	0.00E+00	2.93E-04
844	ALL	654150.1	4187728	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	9.79E-05	0.00E+00	1.83E-05	0.00E+00	4.88E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
845	ALL	654170.1	4187728	NonCancer	0.00E+00	6.91E-06	0.00E+00	4.59E-07	4.59E-07	4.59E-07	9.23E-05	0.00E+00	1.71E-05	0.00E+00	4.59E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
846	ALL	654190.1	4187728	NonCancer	0.00E+00	6.49E-06	0.00E+00	4.31E-07	4.31E-07	4.31E-07	8.70E-05	0.00E+00	1.61E-05	0.00E+00	4.31E-07	2.43E-04	0.00E+00	0.00E+00	2.43E-04
847	ALL	654210.1	4187728	NonCancer	0.00E+00	6.11E-06	0.00E+00	4.05E-07	4.05E-07	4.05E-07	8.21E-05	0.00E+00	1.51E-05	0.00E+00	4.05E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
848	ALL	654230.1	4187728	NonCancer	0.00E+00	5.75E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.76E-05	0.00E+00	1.43E-05	0.00E+00	3.81E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
849	ALL	654250.1	4187728	NonCancer	0.00E+00	5.42E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	7.34E-05	0.00E+00	1.34E-05	0.00E+00	3.60E-07	2.03E-04	0.00E+00	0.00E+00	2.03E-04

850	ALL	654270.1	4187728	NonCancer	0.00E+00	5.11E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	6.95E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
851	ALL	654290.1	4187728	NonCancer	0.00E+00	4.83E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.59E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
852	ALL	654310.1	4187728	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.26E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
853	ALL	654330.1	4187728	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.87E-07	2.87E-07	2.87E-07	5.95E-05	0.00E+00	1.07E-05	0.00E+00	2.87E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
854	ALL	654350.1	4187728	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	5.66E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
855	ALL	654370.1	4187728	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.39E-05	0.00E+00	9.68E-06	0.00E+00	2.59E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
856	ALL	654390.1	4187728	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.14E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
857	ALL	654410.1	4187728	NonCancer	0.00E+00	3.53E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	4.91E-05	0.00E+00	8.77E-06	0.00E+00	2.34E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
858	ALL	654430.1	4187728	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.70E-05	0.00E+00	8.36E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
859	ALL	654450.1	4187728	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.49E-05	0.00E+00	7.98E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
860	ALL	654470.1	4187728	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.30E-05	0.00E+00	7.62E-06	0.00E+00	2.04E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
861	ALL	654490.1	4187728	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.13E-05	0.00E+00	7.29E-06	0.00E+00	1.95E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
862	ALL	653690.1	4187748	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.06E-04	0.00E+00	3.82E-05	0.00E+00	1.02E-06	5.76E-04	0.00E+00	0.00E+00	5.76E-04
863	ALL	653710.1	4187748	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.09E-04	0.00E+00	3.85E-05	0.00E+00	1.03E-06	5.82E-04	0.00E+00	0.00E+00	5.82E-04
864	ALL	653730.1	4187748	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.13E-04	0.00E+00	3.85E-05	0.00E+00	1.03E-06	5.85E-04	0.00E+00	0.00E+00	5.85E-04
865	ALL	653750.1	4187748	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.21E-04	0.00E+00	3.94E-05	0.00E+00	1.05E-06	6.01E-04	0.00E+00	0.00E+00	6.01E-04
866	ALL	653770.1	4187748	NonCancer	0.00E+00	1.67E-05	0.00E+00	1.11E-06	1.11E-06	1.11E-06	2.29E-04	0.00E+00	4.14E-05	0.00E+00	1.11E-06	6.28E-04	0.00E+00	0.00E+00	6.28E-04
867	ALL	653790.1	4187748	NonCancer	0.00E+00	1.74E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.35E-04	0.00E+00	4.33E-05	0.00E+00	1.16E-06	6.54E-04	0.00E+00	0.00E+00	6.54E-04
868	ALL	653810.1	4187748	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	2.37E-04	0.00E+00	4.45E-05	0.00E+00	1.19E-06	6.70E-04	0.00E+00	0.00E+00	6.70E-04
869	ALL	653830.1	4187748	NonCancer	0.00E+00	1.81E-05	0.00E+00	1.20E-06	1.20E-06	1.20E-06	2.35E-04	0.00E+00	4.48E-05	0.00E+00	1.20E-06	6.71E-04	0.00E+00	0.00E+00	6.71E-04
870	ALL	653850.1	4187748	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.17E-06	1.17E-06	1.17E-06	2.28E-04	0.00E+00	4.38E-05	0.00E+00	1.17E-06	6.56E-04	0.00E+00	0.00E+00	6.56E-04
871	ALL	653870.1	4187748	NonCancer	0.00E+00	1.70E-05	0.00E+00	1.13E-06	1.13E-06	1.13E-06	2.21E-04	0.00E+00	4.22E-05	0.00E+00	1.13E-06	6.33E-04	0.00E+00	0.00E+00	6.33E-04
872	ALL	653890.1	4187748	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.09E-06	1.09E-06	1.09E-06	2.13E-04	0.00E+00	4.06E-05	0.00E+00	1.09E-06	6.10E-04	0.00E+00	0.00E+00	6.10E-04
873	ALL	653910.1	4187748	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.05E-04	0.00E+00	3.93E-05	0.00E+00	1.05E-06	5.89E-04	0.00E+00	0.00E+00	5.89E-04
874	ALL	653930.1	4187748	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.01E-06	1.01E-06	1.01E-06	1.97E-04	0.00E+00	3.79E-05	0.00E+00	1.01E-06	5.67E-04	0.00E+00	0.00E+00	5.67E-04
875	ALL	653950.1	4187748	NonCancer	0.00E+00	1.46E-05	0.00E+00	9.71E-07	9.71E-07	9.71E-07	1.88E-04	0.00E+00	3.62E-05	0.00E+00	9.71E-07	5.42E-04	0.00E+00	0.00E+00	5.42E-04
876	ALL	653970.1	4187748	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.22E-07	9.22E-07	9.22E-07	1.79E-04	0.00E+00	3.44E-05	0.00E+00	9.22E-07	5.14E-04	0.00E+00	0.00E+00	5.14E-04
877	ALL	653990.1	4187748	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.69E-07	8.69E-07	8.69E-07	1.69E-04	0.00E+00	3.24E-05	0.00E+00	8.69E-07	4.85E-04	0.00E+00	0.00E+00	4.85E-04
878	ALL	654010.1	4187748	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.17E-07	8.17E-07	8.17E-07	1.59E-04	0.00E+00	3.05E-05	0.00E+00	8.17E-07	4.56E-04	0.00E+00	0.00E+00	4.56E-04
879	ALL	654030.1	4187748	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.65E-07	7.65E-07	7.65E-07	1.49E-04	0.00E+00	2.86E-05	0.00E+00	7.65E-07	4.28E-04	0.00E+00	0.00E+00	4.28E-04
880	ALL	654050.1	4187748	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.15E-07	7.15E-07	7.15E-07	1.40E-04	0.00E+00	2.67E-05	0.00E+00	7.15E-07	4.00E-04	0.00E+00	0.00E+00	4.00E-04
881	ALL	654070.1	4187748	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.68E-07	6.68E-07	6.68E-07	1.31E-04	0.00E+00	2.49E-05	0.00E+00	6.68E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
882	ALL	654090.1	4187748	NonCancer	0.00E+00	9.39E-06	0.00E+00	6.23E-07	6.23E-07	6.23E-07	1.23E-04	0.00E+00	2.33E-05	0.00E+00	6.23E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
883	ALL	654110.1	4187748	NonCancer	0.00E+00	8.76E-06	0.00E+00	5.81E-07	5.81E-07	5.81E-07	1.15E-04	0.00E+00	2.17E-05	0.00E+00	5.81E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
884	ALL	654130.1	4187748	NonCancer	0.00E+00	8.17E-06	0.00E+00	5.42E-07	5.42E-07	5.42E-07	1.08E-04	0.00E+00	2.03E-05	0.00E+00	5.42E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
885	ALL	654150.1	4187748	NonCancer	0.00E+00	7.63E-06	0.00E+00	5.06E-07	5.06E-07	5.06E-07	1.01E-04	0.00E+00	1.89E-05	0.00E+00	5.06E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
886	ALL	654170.1	4187748	NonCancer	0.00E+00	7.13E-06	0.00E+00	4.73E-07	4.73E-07	4.73E-07	9.51E-05	0.00E+00	1.77E-05	0.00E+00	4.73E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
887	ALL	654190.1	4187748	NonCancer	0.00E+00	6.68E-06	0.00E+00	4.43E-07	4.43E-07	4.43E-07	8.94E-05	0.00E+00	1.66E-05	0.00E+00	4.43E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
888	ALL	654210.1	4187748	NonCancer	0.00E+00	6.26E-06	0.00E+00	4.15E-07	4.15E-07	4.15E-07	8.42E-05	0.00E+00	1.55E-05	0.00E+00	4.15E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
889	ALL	654230.1	4187748	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	7.94E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
890	ALL	654250.1	4187748	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.49E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
891	ALL	654270.1	4187748	NonCancer	0.00E+00	5.20E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.08E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
892	ALL	654290.1	4187748	NonCancer	0.00E+00	4.91E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	6.71E-05	0.00E+00	1.22E-05	0.00E+00	3.26E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
893	ALL	654310.1	4187748	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.36E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
894	ALL	654330.1	4187748	NonCancer	0.00E+00	4.38E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.04E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.65E-04	0.00E+00	0.00E+00	1.65E-04
895	ALL	654350.1	4187748	NonCancer	0.00E+00	4.15E-06	0.00E+00	2.76E-07	2.76E-07	2.76E-07	5.74E-05	0.00E+00	1.03E-05	0.00E+00	2.76E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
896	ALL	654370.1	4187748	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.61E-07	2.61E-07	2.61E-07	5.46E-05	0.00E+00	9.78E-06	0.00E+00	2.61E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
897	ALL	654390.1	4187748	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.20E-05	0.00E+00	9.30E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
898	ALL	654410.1	4187748	NonCancer	0.00E+00	3.56E-06	0.00E+00	2.36E-07	2.36E-07	2.36E-07	4.97E-05	0.00E+00	8.85E-06	0.00E+00	2.36E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
899	ALL	654430.1	4187748	NonCancer	0.00E+00	3.39E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.74E-05	0.00E+00	8.43E-06	0.00E+00	2.25E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04

900	ALL	654450.1	4187748	NonCancer	0.00E+00	3.24E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.54E-05	0.00E+00	8.05E-06	0.00E+00	2.15E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
901	ALL	654470.1	4187748	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.34E-05	0.00E+00	7.69E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
902	ALL	654490.1	4187748	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.16E-05	0.00E+00	7.35E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
903	ALL	653690.1	4187768	NonCancer	0.00E+00	1.81E-05	0.00E+00	1.20E-06	1.20E-06	1.20E-06	2.40E-04	0.00E+00	4.48E-05	0.00E+00	1.20E-06	6.74E-04	0.00E+00	0.00E+00	6.74E-04
904	ALL	653710.1	4187768	NonCancer	0.00E+00	1.84E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.45E-04	0.00E+00	4.55E-05	0.00E+00	1.22E-06	6.86E-04	0.00E+00	0.00E+00	6.86E-04
905	ALL	653730.1	4187768	NonCancer	0.00E+00	1.84E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.51E-04	0.00E+00	4.57E-05	0.00E+00	1.22E-06	6.94E-04	0.00E+00	0.00E+00	6.94E-04
906	ALL	653750.1	4187768	NonCancer	0.00E+00	1.89E-05	0.00E+00	1.25E-06	1.25E-06	1.25E-06	2.60E-04	0.00E+00	4.69E-05	0.00E+00	1.25E-06	7.13E-04	0.00E+00	0.00E+00	7.13E-04
907	ALL	653770.1	4187768	NonCancer	0.00E+00	1.99E-05	0.00E+00	1.32E-06	1.32E-06	1.32E-06	2.70E-04	0.00E+00	4.94E-05	0.00E+00	1.32E-06	7.48E-04	0.00E+00	0.00E+00	7.48E-04
908	ALL	653790.1	4187768	NonCancer	0.00E+00	2.09E-05	0.00E+00	1.39E-06	1.39E-06	1.39E-06	2.76E-04	0.00E+00	5.18E-05	0.00E+00	1.39E-06	7.79E-04	0.00E+00	0.00E+00	7.79E-04
909	ALL	653810.1	4187768	NonCancer	0.00E+00	2.14E-05	0.00E+00	1.42E-06	1.42E-06	1.42E-06	2.77E-04	0.00E+00	5.30E-05	0.00E+00	1.42E-06	7.94E-04	0.00E+00	0.00E+00	7.94E-04
910	ALL	653830.1	4187768	NonCancer	0.00E+00	2.13E-05	0.00E+00	1.41E-06	1.41E-06	1.41E-06	2.71E-04	0.00E+00	5.27E-05	0.00E+00	1.41E-06	7.87E-04	0.00E+00	0.00E+00	7.87E-04
911	ALL	653850.1	4187768	NonCancer	0.00E+00	2.06E-05	0.00E+00	1.37E-06	1.37E-06	1.37E-06	2.63E-04	0.00E+00	5.10E-05	0.00E+00	1.37E-06	7.62E-04	0.00E+00	0.00E+00	7.62E-04
912	ALL	653870.1	4187768	NonCancer	0.00E+00	1.98E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	2.53E-04	0.00E+00	4.89E-05	0.00E+00	1.31E-06	7.32E-04	0.00E+00	0.00E+00	7.32E-04
913	ALL	653890.1	4187768	NonCancer	0.00E+00	1.90E-05	0.00E+00	1.26E-06	1.26E-06	1.26E-06	2.43E-04	0.00E+00	4.71E-05	0.00E+00	1.26E-06	7.03E-04	0.00E+00	0.00E+00	7.03E-04
914	ALL	653910.1	4187768	NonCancer	0.00E+00	1.83E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	2.32E-04	0.00E+00	4.52E-05	0.00E+00	1.21E-06	6.74E-04	0.00E+00	0.00E+00	6.74E-04
915	ALL	653930.1	4187768	NonCancer	0.00E+00	1.74E-05	0.00E+00	1.15E-06	1.15E-06	1.15E-06	2.21E-04	0.00E+00	4.31E-05	0.00E+00	1.15E-06	6.42E-04	0.00E+00	0.00E+00	6.42E-04
916	ALL	653950.1	4187768	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.09E-06	1.09E-06	1.09E-06	2.08E-04	0.00E+00	4.06E-05	0.00E+00	1.09E-06	6.06E-04	0.00E+00	0.00E+00	6.06E-04
917	ALL	653970.1	4187768	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.96E-04	0.00E+00	3.81E-05	0.00E+00	1.02E-06	5.68E-04	0.00E+00	0.00E+00	5.68E-04
918	ALL	653990.1	4187768	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.53E-07	9.53E-07	9.53E-07	1.83E-04	0.00E+00	3.55E-05	0.00E+00	9.53E-07	5.30E-04	0.00E+00	0.00E+00	5.30E-04
919	ALL	654010.1	4187768	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.86E-07	8.86E-07	8.86E-07	1.71E-04	0.00E+00	3.30E-05	0.00E+00	8.86E-07	4.93E-04	0.00E+00	0.00E+00	4.93E-04
920	ALL	654030.1	4187768	NonCancer	0.00E+00	1.24E-05	0.00E+00	8.21E-07	8.21E-07	8.21E-07	1.59E-04	0.00E+00	3.06E-05	0.00E+00	8.21E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
921	ALL	654050.1	4187768	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.61E-07	7.61E-07	7.61E-07	1.48E-04	0.00E+00	2.84E-05	0.00E+00	7.61E-07	4.25E-04	0.00E+00	0.00E+00	4.25E-04
922	ALL	654070.1	4187768	NonCancer	0.00E+00	1.06E-05	0.00E+00	7.05E-07	7.05E-07	7.05E-07	1.38E-04	0.00E+00	2.63E-05	0.00E+00	7.05E-07	3.94E-04	0.00E+00	0.00E+00	3.94E-04
923	ALL	654090.1	4187768	NonCancer	0.00E+00	9.83E-06	0.00E+00	6.53E-07	6.53E-07	6.53E-07	1.28E-04	0.00E+00	2.44E-05	0.00E+00	6.53E-07	3.65E-04	0.00E+00	0.00E+00	3.65E-04
924	ALL	654110.1	4187768	NonCancer	0.00E+00	9.11E-06	0.00E+00	6.05E-07	6.05E-07	6.05E-07	1.20E-04	0.00E+00	2.26E-05	0.00E+00	6.05E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
925	ALL	654130.1	4187768	NonCancer	0.00E+00	8.46E-06	0.00E+00	5.61E-07	5.61E-07	5.61E-07	1.12E-04	0.00E+00	2.10E-05	0.00E+00	5.61E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
926	ALL	654150.1	4187768	NonCancer	0.00E+00	7.87E-06	0.00E+00	5.22E-07	5.22E-07	5.22E-07	1.04E-04	0.00E+00	1.95E-05	0.00E+00	5.22E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
927	ALL	654170.1	4187768	NonCancer	0.00E+00	7.33E-06	0.00E+00	4.86E-07	4.86E-07	4.86E-07	9.77E-05	0.00E+00	1.82E-05	0.00E+00	4.86E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
928	ALL	654190.1	4187768	NonCancer	0.00E+00	6.84E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.16E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.56E-04	0.00E+00	0.00E+00	2.56E-04
929	ALL	654210.1	4187768	NonCancer	0.00E+00	6.39E-06	0.00E+00	4.24E-07	4.24E-07	4.24E-07	8.60E-05	0.00E+00	1.59E-05	0.00E+00	4.24E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
930	ALL	654230.1	4187768	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.09E-05	0.00E+00	1.48E-05	0.00E+00	3.97E-07	2.25E-04	0.00E+00	0.00E+00	2.25E-04
931	ALL	654250.1	4187768	NonCancer	0.00E+00	5.61E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	7.63E-05	0.00E+00	1.39E-05	0.00E+00	3.73E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
932	ALL	654270.1	4187768	NonCancer	0.00E+00	5.28E-06	0.00E+00	3.50E-07	3.50E-07	3.50E-07	7.20E-05	0.00E+00	1.31E-05	0.00E+00	3.50E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
933	ALL	654290.1	4187768	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	6.81E-05	0.00E+00	1.23E-05	0.00E+00	3.30E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
934	ALL	654310.1	4187768	NonCancer	0.00E+00	4.69E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	6.45E-05	0.00E+00	1.16E-05	0.00E+00	3.11E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
935	ALL	654330.1	4187768	NonCancer	0.00E+00	4.43E-06	0.00E+00	2.94E-07	2.94E-07	2.94E-07	6.11E-05	0.00E+00	1.10E-05	0.00E+00	2.94E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
936	ALL	654350.1	4187768	NonCancer	0.00E+00	4.20E-06	0.00E+00	2.78E-07	2.78E-07	2.78E-07	5.81E-05	0.00E+00	1.04E-05	0.00E+00	2.78E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
937	ALL	654370.1	4187768	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.52E-05	0.00E+00	9.88E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
938	ALL	654390.1	4187768	NonCancer	0.00E+00	3.78E-06	0.00E+00	2.51E-07	2.51E-07	2.51E-07	5.26E-05	0.00E+00	9.39E-06	0.00E+00	2.51E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
939	ALL	654410.1	4187768	NonCancer	0.00E+00	3.59E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.01E-05	0.00E+00	8.93E-06	0.00E+00	2.38E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
940	ALL	654430.1	4187768	NonCancer	0.00E+00	3.42E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	4.79E-05	0.00E+00	8.51E-06	0.00E+00	2.27E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
941	ALL	654450.1	4187768	NonCancer	0.00E+00	3.27E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.58E-05	0.00E+00	8.12E-06	0.00E+00	2.17E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
942	ALL	654470.1	4187768	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.38E-05	0.00E+00	7.75E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
943	ALL	654490.1	4187768	NonCancer	0.00E+00	2.98E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.19E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
944	ALL	653690.1	4187788	NonCancer	0.00E+00	2.15E-05	0.00E+00	1.42E-06	1.42E-06	1.42E-06	2.84E-04	0.00E+00	5.32E-05	0.00E+00	1.42E-06	8.00E-04	0.00E+00	0.00E+00	8.00E-04
945	ALL	653710.1	4187788	NonCancer	0.00E+00	2.21E-05	0.00E+00	1.47E-06	1.47E-06	1.47E-06	2.91E-04	0.00E+00	5.47E-05	0.00E+00	1.47E-06	8.23E-04	0.00E+00	0.00E+00	8.23E-04
946	ALL	653730.1	4187788	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	3.01E-04	0.00E+00	5.53E-05	0.00E+00	1.48E-06	8.37E-04	0.00E+00	0.00E+00	8.37E-04
947	ALL	653750.1	4187788	NonCancer	0.00E+00	2.30E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	3.13E-04	0.00E+00	5.71E-05	0.00E+00	1.53E-06	8.65E-04	0.00E+00	0.00E+00	8.65E-04
948	ALL	653770.1	4187788	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	3.24E-04	0.00E+00	6.02E-05	0.00E+00	1.61E-06	9.08E-04	0.00E+00	0.00E+00	9.08E-04
949	ALL	653790.1	4187788	NonCancer	0.00E+00	2.55E-05	0.00E+00	1.69E-06	1.69E-06	1.69E-06	3.29E-04	0.00E+00	6.31E-05	0.00E+00	1.69E-06	9.44E-04	0.00E+00	0.00E+00	9.44E-04

950	ALL	653810.1	4187788	NonCancer	0.00E+00	2.59E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.27E-04	0.00E+00	6.41E-05	0.00E+00	1.72E-06	9.54E-04	0.00E+00	0.00E+00	9.54E-04
951	ALL	653830.1	4187788	NonCancer	0.00E+00	2.54E-05	0.00E+00	1.68E-06	1.68E-06	1.68E-06	3.18E-04	0.00E+00	6.28E-05	0.00E+00	1.68E-06	9.33E-04	0.00E+00	0.00E+00	9.33E-04
952	ALL	653850.1	4187788	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.06E-04	0.00E+00	6.02E-05	0.00E+00	1.62E-06	8.96E-04	0.00E+00	0.00E+00	8.96E-04
953	ALL	653870.1	4187788	NonCancer	0.00E+00	2.33E-05	0.00E+00	1.55E-06	1.55E-06	1.55E-06	2.93E-04	0.00E+00	5.76E-05	0.00E+00	1.55E-06	8.57E-04	0.00E+00	0.00E+00	8.57E-04
954	ALL	653890.1	4187788	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.78E-04	0.00E+00	5.51E-05	0.00E+00	1.48E-06	8.18E-04	0.00E+00	0.00E+00	8.18E-04
955	ALL	653910.1	4187788	NonCancer	0.00E+00	2.11E-05	0.00E+00	1.40E-06	1.40E-06	1.40E-06	2.63E-04	0.00E+00	5.22E-05	0.00E+00	1.40E-06	7.75E-04	0.00E+00	0.00E+00	7.75E-04
956	ALL	653930.1	4187788	NonCancer	0.00E+00	1.98E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	2.47E-04	0.00E+00	4.89E-05	0.00E+00	1.31E-06	7.26E-04	0.00E+00	0.00E+00	7.26E-04
957	ALL	653950.1	4187788	NonCancer	0.00E+00	1.84E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.30E-04	0.00E+00	4.54E-05	0.00E+00	1.22E-06	6.75E-04	0.00E+00	0.00E+00	6.75E-04
958	ALL	653970.1	4187788	NonCancer	0.00E+00	1.70E-05	0.00E+00	1.13E-06	1.13E-06	1.13E-06	2.13E-04	0.00E+00	4.20E-05	0.00E+00	1.13E-06	6.25E-04	0.00E+00	0.00E+00	6.25E-04
959	ALL	653990.1	4187788	NonCancer	0.00E+00	1.56E-05	0.00E+00	1.04E-06	1.04E-06	1.04E-06	1.97E-04	0.00E+00	3.87E-05	0.00E+00	1.04E-06	5.76E-04	0.00E+00	0.00E+00	5.76E-04
960	ALL	654010.1	4187788	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.53E-07	9.53E-07	9.53E-07	1.82E-04	0.00E+00	3.55E-05	0.00E+00	9.53E-07	5.30E-04	0.00E+00	0.00E+00	5.30E-04
961	ALL	654030.1	4187788	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.75E-07	8.75E-07	8.75E-07	1.68E-04	0.00E+00	3.26E-05	0.00E+00	8.75E-07	4.87E-04	0.00E+00	0.00E+00	4.87E-04
962	ALL	654050.1	4187788	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.03E-07	8.03E-07	8.03E-07	1.56E-04	0.00E+00	3.00E-05	0.00E+00	8.03E-07	4.48E-04	0.00E+00	0.00E+00	4.48E-04
963	ALL	654070.1	4187788	NonCancer	0.00E+00	1.11E-05	0.00E+00	7.38E-07	7.38E-07	7.38E-07	1.44E-04	0.00E+00	2.75E-05	0.00E+00	7.38E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
964	ALL	654090.1	4187788	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.79E-07	6.79E-07	6.79E-07	1.33E-04	0.00E+00	2.53E-05	0.00E+00	6.79E-07	3.80E-04	0.00E+00	0.00E+00	3.80E-04
965	ALL	654110.1	4187788	NonCancer	0.00E+00	9.43E-06	0.00E+00	6.26E-07	6.26E-07	6.26E-07	1.24E-04	0.00E+00	2.34E-05	0.00E+00	6.26E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
966	ALL	654130.1	4187788	NonCancer	0.00E+00	8.71E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.15E-04	0.00E+00	2.16E-05	0.00E+00	5.78E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04
967	ALL	654150.1	4187788	NonCancer	0.00E+00	8.07E-06	0.00E+00	5.35E-07	5.35E-07	5.35E-07	1.07E-04	0.00E+00	2.00E-05	0.00E+00	5.35E-07	3.01E-04	0.00E+00	0.00E+00	3.01E-04
968	ALL	654170.1	4187788	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	1.00E-04	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.80E-04	0.00E+00	0.00E+00	2.80E-04
969	ALL	654190.1	4187788	NonCancer	0.00E+00	6.97E-06	0.00E+00	4.62E-07	4.62E-07	4.62E-07	9.35E-05	0.00E+00	1.73E-05	0.00E+00	4.62E-07	2.61E-04	0.00E+00	0.00E+00	2.61E-04
970	ALL	654210.1	4187788	NonCancer	0.00E+00	6.50E-06	0.00E+00	4.31E-07	4.31E-07	4.31E-07	8.77E-05	0.00E+00	1.61E-05	0.00E+00	4.31E-07	2.44E-04	0.00E+00	0.00E+00	2.44E-04
971	ALL	654230.1	4187788	NonCancer	0.00E+00	6.07E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	8.23E-05	0.00E+00	1.51E-05	0.00E+00	4.03E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
972	ALL	654250.1	4187788	NonCancer	0.00E+00	5.69E-06	0.00E+00	3.78E-07	3.78E-07	3.78E-07	7.75E-05	0.00E+00	1.41E-05	0.00E+00	3.78E-07	2.14E-04	0.00E+00	0.00E+00	2.14E-04
973	ALL	654270.1	4187788	NonCancer	0.00E+00	5.34E-06	0.00E+00	3.55E-07	3.55E-07	3.55E-07	7.30E-05	0.00E+00	1.33E-05	0.00E+00	3.55E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
974	ALL	654290.1	4187788	NonCancer	0.00E+00	5.03E-06	0.00E+00	3.34E-07	3.34E-07	3.34E-07	6.90E-05	0.00E+00	1.25E-05	0.00E+00	3.34E-07	1.89E-04	0.00E+00	0.00E+00	1.89E-04
975	ALL	654310.1	4187788	NonCancer	0.00E+00	4.74E-06	0.00E+00	3.14E-07	3.14E-07	3.14E-07	6.53E-05	0.00E+00	1.18E-05	0.00E+00	3.14E-07	1.79E-04	0.00E+00	0.00E+00	1.79E-04
976	ALL	654330.1	4187788	NonCancer	0.00E+00	4.48E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.18E-05	0.00E+00	1.11E-05	0.00E+00	2.97E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
977	ALL	654350.1	4187788	NonCancer	0.00E+00	4.24E-06	0.00E+00	2.81E-07	2.81E-07	2.81E-07	5.87E-05	0.00E+00	1.05E-05	0.00E+00	2.81E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
978	ALL	654370.1	4187788	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.58E-05	0.00E+00	9.98E-06	0.00E+00	2.66E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
979	ALL	654390.1	4187788	NonCancer	0.00E+00	3.81E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.31E-05	0.00E+00	9.47E-06	0.00E+00	2.53E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
980	ALL	654410.1	4187788	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.06E-05	0.00E+00	9.01E-06	0.00E+00	2.41E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
981	ALL	654430.1	4187788	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.83E-05	0.00E+00	8.58E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
982	ALL	654450.1	4187788	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.61E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
983	ALL	654470.1	4187788	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.41E-05	0.00E+00	7.82E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
984	ALL	654490.1	4187788	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.22E-05	0.00E+00	7.48E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
985	ALL	653690.1	4187808	NonCancer	0.00E+00	2.59E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.41E-04	0.00E+00	6.42E-05	0.00E+00	1.72E-06	9.64E-04	0.00E+00	0.00E+00	9.64E-04
986	ALL	653710.1	4187808	NonCancer	0.00E+00	2.71E-05	0.00E+00	1.80E-06	1.80E-06	1.80E-06	3.52E-04	0.00E+00	6.71E-05	0.00E+00	1.80E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
987	ALL	653730.1	4187808	NonCancer	0.00E+00	2.76E-05	0.00E+00	1.83E-06	1.83E-06	1.83E-06	3.67E-04	0.00E+00	6.84E-05	0.00E+00	1.83E-06	1.03E-03	0.00E+00	0.00E+00	1.03E-03
988	ALL	653750.1	4187808	NonCancer	0.00E+00	2.87E-05	0.00E+00	1.90E-06	1.90E-06	1.90E-06	3.84E-04	0.00E+00	7.11E-05	0.00E+00	1.90E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
989	ALL	653770.1	4187808	NonCancer	0.00E+00	3.04E-05	0.00E+00	2.02E-06	2.02E-06	2.02E-06	3.97E-04	0.00E+00	7.54E-05	0.00E+00	2.02E-06	1.13E-03	0.00E+00	0.00E+00	1.13E-03
990	ALL	653790.1	4187808	NonCancer	0.00E+00	3.18E-05	0.00E+00	2.11E-06	2.11E-06	2.11E-06	4.00E-04	0.00E+00	7.87E-05	0.00E+00	2.11E-06	1.17E-03	0.00E+00	0.00E+00	1.17E-03
991	ALL	653810.1	4187808	NonCancer	0.00E+00	3.19E-05	0.00E+00	2.11E-06	2.11E-06	2.11E-06	3.92E-04	0.00E+00	7.88E-05	0.00E+00	2.11E-06	1.17E-03	0.00E+00	0.00E+00	1.17E-03
992	ALL	653830.1	4187808	NonCancer	0.00E+00	3.07E-05	0.00E+00	2.04E-06	2.04E-06	2.04E-06	3.77E-04	0.00E+00	7.60E-05	0.00E+00	2.04E-06	1.12E-03	0.00E+00	0.00E+00	1.12E-03
993	ALL	653850.1	4187808	NonCancer	0.00E+00	2.93E-05	0.00E+00	1.94E-06	1.94E-06	1.94E-06	3.60E-04	0.00E+00	7.24E-05	0.00E+00	1.94E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
994	ALL	653870.1	4187808	NonCancer	0.00E+00	2.78E-05	0.00E+00	1.85E-06	1.85E-06	1.85E-06	3.41E-04	0.00E+00	6.87E-05	0.00E+00	1.85E-06	1.02E-03	0.00E+00	0.00E+00	1.02E-03
995	ALL	653890.1	4187808	NonCancer	0.00E+00	2.62E-05	0.00E+00	1.74E-06	1.74E-06	1.74E-06	3.20E-04	0.00E+00	6.47E-05	0.00E+00	1.74E-06	9.56E-04	0.00E+00	0.00E+00	9.56E-04
996	ALL	653910.1	4187808	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	2.97E-04	0.00E+00	6.01E-05	0.00E+00	1.61E-06	8.88E-04	0.00E+00	0.00E+00	8.88E-04
997	ALL	653930.1	4187808	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.74E-04	0.00E+00	5.52E-05	0.00E+00	1.48E-06	8.17E-04	0.00E+00	0.00E+00	8.17E-04
998	ALL	653950.1	4187808	NonCancer	0.00E+00	2.04E-05	0.00E+00	1.36E-06	1.36E-06	1.36E-06	2.52E-04	0.00E+00	5.05E-05	0.00E+00	1.36E-06	7.48E-04	0.00E+00	0.00E+00	7.48E-04
999	ALL	653970.1	4187808	NonCancer	0.00E+00	1.86E-05	0.00E+00	1.23E-06	1.23E-06	1.23E-06	2.31E-04	0.00E+00	4.59E-05	0.00E+00	1.23E-06	6.82E-04	0.00E+00	0.00E+00	6.82E-04

1000	ALL	653990.1	4187808	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.11E-04	0.00E+00	4.17E-05	0.00E+00	1.12E-06	6.20E-04	0.00E+00	0.00E+00	6.20E-04
1001	ALL	654010.1	4187808	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.93E-04	0.00E+00	3.79E-05	0.00E+00	1.02E-06	5.64E-04	0.00E+00	0.00E+00	5.64E-04
1002	ALL	654030.1	4187808	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.22E-07	9.22E-07	9.22E-07	1.77E-04	0.00E+00	3.44E-05	0.00E+00	9.22E-07	5.13E-04	0.00E+00	0.00E+00	5.13E-04
1003	ALL	654050.1	4187808	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.39E-07	8.39E-07	8.39E-07	1.62E-04	0.00E+00	3.13E-05	0.00E+00	8.39E-07	4.68E-04	0.00E+00	0.00E+00	4.68E-04
1004	ALL	654070.1	4187808	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.66E-07	7.66E-07	7.66E-07	1.49E-04	0.00E+00	2.86E-05	0.00E+00	7.66E-07	4.28E-04	0.00E+00	0.00E+00	4.28E-04
1005	ALL	654090.1	4187808	NonCancer	0.00E+00	1.06E-05	0.00E+00	7.01E-07	7.01E-07	7.01E-07	1.38E-04	0.00E+00	2.62E-05	0.00E+00	7.01E-07	3.92E-04	0.00E+00	0.00E+00	3.92E-04
1006	ALL	654110.1	4187808	NonCancer	0.00E+00	9.69E-06	0.00E+00	6.43E-07	6.43E-07	6.43E-07	1.27E-04	0.00E+00	2.40E-05	0.00E+00	6.43E-07	3.61E-04	0.00E+00	0.00E+00	3.61E-04
1007	ALL	654130.1	4187808	NonCancer	0.00E+00	8.92E-06	0.00E+00	5.92E-07	5.92E-07	5.92E-07	1.18E-04	0.00E+00	2.21E-05	0.00E+00	5.92E-07	3.33E-04	0.00E+00	0.00E+00	3.33E-04
1008	ALL	654150.1	4187808	NonCancer	0.00E+00	8.23E-06	0.00E+00	5.46E-07	5.46E-07	5.46E-07	1.09E-04	0.00E+00	2.04E-05	0.00E+00	5.46E-07	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1009	ALL	654170.1	4187808	NonCancer	0.00E+00	7.62E-06	0.00E+00	5.06E-07	5.06E-07	5.06E-07	1.02E-04	0.00E+00	1.89E-05	0.00E+00	5.06E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
1010	ALL	654190.1	4187808	NonCancer	0.00E+00	7.08E-06	0.00E+00	4.70E-07	4.70E-07	4.70E-07	9.52E-05	0.00E+00	1.76E-05	0.00E+00	4.70E-07	2.65E-04	0.00E+00	0.00E+00	2.65E-04
1011	ALL	654210.1	4187808	NonCancer	0.00E+00	6.59E-06	0.00E+00	4.37E-07	4.37E-07	4.37E-07	8.91E-05	0.00E+00	1.64E-05	0.00E+00	4.37E-07	2.47E-04	0.00E+00	0.00E+00	2.47E-04
1012	ALL	654230.1	4187808	NonCancer	0.00E+00	6.15E-06	0.00E+00	4.08E-07	4.08E-07	4.08E-07	8.35E-05	0.00E+00	1.53E-05	0.00E+00	4.08E-07	2.31E-04	0.00E+00	0.00E+00	2.31E-04
1013	ALL	654250.1	4187808	NonCancer	0.00E+00	5.76E-06	0.00E+00	3.82E-07	3.82E-07	3.82E-07	7.85E-05	0.00E+00	1.43E-05	0.00E+00	3.82E-07	2.17E-04	0.00E+00	0.00E+00	2.17E-04
1014	ALL	654270.1	4187808	NonCancer	0.00E+00	5.40E-06	0.00E+00	3.59E-07	3.59E-07	3.59E-07	7.39E-05	0.00E+00	1.34E-05	0.00E+00	3.59E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
1015	ALL	654290.1	4187808	NonCancer	0.00E+00	5.08E-06	0.00E+00	3.37E-07	3.37E-07	3.37E-07	6.98E-05	0.00E+00	1.26E-05	0.00E+00	3.37E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
1016	ALL	654310.1	4187808	NonCancer	0.00E+00	4.79E-06	0.00E+00	3.18E-07	3.18E-07	3.18E-07	6.59E-05	0.00E+00	1.19E-05	0.00E+00	3.18E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1017	ALL	654330.1	4187808	NonCancer	0.00E+00	4.52E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	6.24E-05	0.00E+00	1.12E-05	0.00E+00	3.00E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
1018	ALL	654350.1	4187808	NonCancer	0.00E+00	4.28E-06	0.00E+00	2.84E-07	2.84E-07	2.84E-07	5.92E-05	0.00E+00	1.06E-05	0.00E+00	2.84E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
1019	ALL	654370.1	4187808	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.62E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
1020	ALL	654390.1	4187808	NonCancer	0.00E+00	3.85E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.35E-05	0.00E+00	9.56E-06	0.00E+00	2.55E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1021	ALL	654410.1	4187808	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.09E-05	0.00E+00	9.09E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
1022	ALL	654430.1	4187808	NonCancer	0.00E+00	3.48E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.86E-05	0.00E+00	8.65E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1023	ALL	654450.1	4187808	NonCancer	0.00E+00	3.32E-06	0.00E+00	2.20E-07	2.20E-07	2.20E-07	4.64E-05	0.00E+00	8.25E-06	0.00E+00	2.20E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1024	ALL	654470.1	4187808	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	4.43E-05	0.00E+00	7.88E-06	0.00E+00	2.10E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1025	ALL	654490.1	4187808	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.24E-05	0.00E+00	7.53E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1026	ALL	653690.1	4187828	NonCancer	0.00E+00	3.18E-05	0.00E+00	2.11E-06	2.11E-06	2.11E-06	4.19E-04	0.00E+00	7.88E-05	0.00E+00	2.11E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1027	ALL	653710.1	4187828	NonCancer	0.00E+00	3.41E-05	0.00E+00	2.26E-06	2.26E-06	2.26E-06	4.37E-04	0.00E+00	8.44E-05	0.00E+00	2.26E-06	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1028	ALL	653730.1	4187828	NonCancer	0.00E+00	3.51E-05	0.00E+00	2.33E-06	2.33E-06	2.33E-06	4.59E-04	0.00E+00	8.70E-05	0.00E+00	2.33E-06	1.31E-03	0.00E+00	0.00E+00	1.31E-03
1029	ALL	653750.1	4187828	NonCancer	0.00E+00	3.69E-05	0.00E+00	2.45E-06	2.45E-06	2.45E-06	4.84E-04	0.00E+00	9.15E-05	0.00E+00	2.45E-06	1.37E-03	0.00E+00	0.00E+00	1.37E-03
1030	ALL	653770.1	4187828	NonCancer	0.00E+00	3.95E-05	0.00E+00	2.62E-06	2.62E-06	2.62E-06	4.99E-04	0.00E+00	9.77E-05	0.00E+00	2.62E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1031	ALL	653790.1	4187828	NonCancer	0.00E+00	4.08E-05	0.00E+00	2.71E-06	2.71E-06	2.71E-06	4.96E-04	0.00E+00	1.01E-04	0.00E+00	2.71E-06	1.49E-03	0.00E+00	0.00E+00	1.49E-03
1032	ALL	653810.1	4187828	NonCancer	0.00E+00	4.00E-05	0.00E+00	2.66E-06	2.66E-06	2.66E-06	4.79E-04	0.00E+00	9.88E-05	0.00E+00	2.66E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1033	ALL	653830.1	4187828	NonCancer	0.00E+00	3.80E-05	0.00E+00	2.53E-06	2.53E-06	2.53E-06	4.55E-04	0.00E+00	9.40E-05	0.00E+00	2.53E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1034	ALL	653850.1	4187828	NonCancer	0.00E+00	3.59E-05	0.00E+00	2.38E-06	2.38E-06	2.38E-06	4.28E-04	0.00E+00	8.86E-05	0.00E+00	2.38E-06	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1035	ALL	653870.1	4187828	NonCancer	0.00E+00	3.35E-05	0.00E+00	2.22E-06	2.22E-06	2.22E-06	3.98E-04	0.00E+00	8.26E-05	0.00E+00	2.22E-06	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1036	ALL	653890.1	4187828	NonCancer	0.00E+00	3.07E-05	0.00E+00	2.04E-06	2.04E-06	2.04E-06	3.66E-04	0.00E+00	7.58E-05	0.00E+00	2.04E-06	1.12E-03	0.00E+00	0.00E+00	1.12E-03
1037	ALL	653910.1	4187828	NonCancer	0.00E+00	2.78E-05	0.00E+00	1.85E-06	1.85E-06	1.85E-06	3.34E-04	0.00E+00	6.88E-05	0.00E+00	1.85E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1038	ALL	653930.1	4187828	NonCancer	0.00E+00	2.50E-05	0.00E+00	1.66E-06	1.66E-06	1.66E-06	3.02E-04	0.00E+00	6.19E-05	0.00E+00	1.66E-06	9.12E-04	0.00E+00	0.00E+00	9.12E-04
1039	ALL	653950.1	4187828	NonCancer	0.00E+00	2.24E-05	0.00E+00	1.49E-06	1.49E-06	1.49E-06	2.74E-04	0.00E+00	5.54E-05	0.00E+00	1.49E-06	8.19E-04	0.00E+00	0.00E+00	8.19E-04
1040	ALL	653970.1	4187828	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.33E-06	1.33E-06	1.33E-06	2.47E-04	0.00E+00	4.96E-05	0.00E+00	1.33E-06	7.35E-04	0.00E+00	0.00E+00	7.35E-04
1041	ALL	653990.1	4187828	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	2.24E-04	0.00E+00	4.44E-05	0.00E+00	1.19E-06	6.59E-04	0.00E+00	0.00E+00	6.59E-04
1042	ALL	654010.1	4187828	NonCancer	0.00E+00	1.61E-05	0.00E+00	1.07E-06	1.07E-06	1.07E-06	2.03E-04	0.00E+00	3.99E-05	0.00E+00	1.07E-06	5.93E-04	0.00E+00	0.00E+00	5.93E-04
1043	ALL	654030.1	4187828	NonCancer	0.00E+00	1.45E-05	0.00E+00	9.63E-07	9.63E-07	9.63E-07	1.84E-04	0.00E+00	3.59E-05	0.00E+00	9.63E-07	5.35E-04	0.00E+00	0.00E+00	5.35E-04
1044	ALL	654050.1	4187828	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.70E-07	8.70E-07	8.70E-07	1.68E-04	0.00E+00	3.25E-05	0.00E+00	8.70E-07	4.85E-04	0.00E+00	0.00E+00	4.85E-04
1045	ALL	654070.1	4187828	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.89E-07	7.89E-07	7.89E-07	1.54E-04	0.00E+00	2.95E-05	0.00E+00	7.89E-07	4.41E-04	0.00E+00	0.00E+00	4.41E-04
1046	ALL	654090.1	4187828	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.19E-07	7.19E-07	7.19E-07	1.41E-04	0.00E+00	2.68E-05	0.00E+00	7.19E-07	4.03E-04	0.00E+00	0.00E+00	4.03E-04
1047	ALL	654110.1	4187828	NonCancer	0.00E+00	9.91E-06	0.00E+00	6.57E-07	6.57E-07	6.57E-07	1.30E-04	0.00E+00	2.45E-05	0.00E+00	6.57E-07	3.69E-04	0.00E+00	0.00E+00	3.69E-04
1048	ALL	654130.1	4187828	NonCancer	0.00E+00	9.09E-06	0.00E+00	6.03E-07	6.03E-07	6.03E-07	1.20E-04	0.00E+00	2.25E-05	0.00E+00	6.03E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
1049	ALL	654150.1	4187828	NonCancer	0.00E+00	8.37E-06	0.00E+00	5.56E-07	5.56E-07	5.56E-07	1.12E-04	0.00E+00	2.08E-05	0.00E+00	5.56E-07	3.13E-04	0.00E+00	0.00E+00	3.13E-04

1050	ALL	654170.1	4187828	NonCancer	0.00E+00	7.74E-06	0.00E+00	5.14E-07	5.14E-07	5.14E-07	1.04E-04	0.00E+00	1.92E-05	0.00E+00	5.14E-07	2.90E-04	0.00E+00	0.00E+00	2.90E-04
1051	ALL	654190.1	4187828	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.66E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.69E-04	0.00E+00	0.00E+00	2.69E-04
1052	ALL	654210.1	4187828	NonCancer	0.00E+00	6.68E-06	0.00E+00	4.43E-07	4.43E-07	4.43E-07	9.03E-05	0.00E+00	1.66E-05	0.00E+00	4.43E-07	2.51E-04	0.00E+00	0.00E+00	2.51E-04
1053	ALL	654230.1	4187828	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.46E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
1054	ALL	654250.1	4187828	NonCancer	0.00E+00	5.82E-06	0.00E+00	3.86E-07	3.86E-07	3.86E-07	7.94E-05	0.00E+00	1.45E-05	0.00E+00	3.86E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
1055	ALL	654270.1	4187828	NonCancer	0.00E+00	5.46E-06	0.00E+00	3.62E-07	3.62E-07	3.62E-07	7.47E-05	0.00E+00	1.36E-05	0.00E+00	3.62E-07	2.06E-04	0.00E+00	0.00E+00	2.06E-04
1056	ALL	654290.1	4187828	NonCancer	0.00E+00	5.13E-06	0.00E+00	3.41E-07	3.41E-07	3.41E-07	7.04E-05	0.00E+00	1.27E-05	0.00E+00	3.41E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
1057	ALL	654310.1	4187828	NonCancer	0.00E+00	4.83E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.65E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
1058	ALL	654330.1	4187828	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.29E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
1059	ALL	654350.1	4187828	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.96E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1060	ALL	654370.1	4187828	NonCancer	0.00E+00	4.09E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.66E-05	0.00E+00	1.01E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1061	ALL	654390.1	4187828	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	5.38E-05	0.00E+00	9.63E-06	0.00E+00	2.57E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1062	ALL	654410.1	4187828	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.12E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1063	ALL	654430.1	4187828	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.88E-05	0.00E+00	8.71E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1064	ALL	654450.1	4187828	NonCancer	0.00E+00	3.34E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.66E-05	0.00E+00	8.30E-06	0.00E+00	2.22E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1065	ALL	654470.1	4187828	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.45E-05	0.00E+00	7.92E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1066	ALL	654490.1	4187828	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.26E-05	0.00E+00	7.57E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1067	ALL	653690.1	4187848	NonCancer	0.00E+00	3.98E-05	0.00E+00	2.64E-06	2.64E-06	2.64E-06	5.26E-04	0.00E+00	9.87E-05	0.00E+00	2.64E-06	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1068	ALL	653710.1	4187848	NonCancer	0.00E+00	4.42E-05	0.00E+00	2.93E-06	2.93E-06	2.93E-06	5.57E-04	0.00E+00	1.09E-04	0.00E+00	2.93E-06	1.63E-03	0.00E+00	0.00E+00	1.63E-03
1069	ALL	653730.1	4187848	NonCancer	0.00E+00	4.65E-05	0.00E+00	3.08E-06	3.08E-06	3.08E-06	5.94E-04	0.00E+00	1.15E-04	0.00E+00	3.08E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
1070	ALL	653750.1	4187848	NonCancer	0.00E+00	4.95E-05	0.00E+00	3.28E-06	3.28E-06	3.28E-06	6.29E-04	0.00E+00	1.22E-04	0.00E+00	3.28E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1071	ALL	653770.1	4187848	NonCancer	0.00E+00	5.31E-05	0.00E+00	3.52E-06	3.52E-06	3.52E-06	6.43E-04	0.00E+00	1.31E-04	0.00E+00	3.52E-06	1.93E-03	0.00E+00	0.00E+00	1.93E-03
1072	ALL	653790.1	4187848	NonCancer	0.00E+00	5.39E-05	0.00E+00	3.58E-06	3.58E-06	3.58E-06	6.29E-04	0.00E+00	1.33E-04	0.00E+00	3.58E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1073	ALL	653810.1	4187848	NonCancer	0.00E+00	5.16E-05	0.00E+00	3.43E-06	3.43E-06	3.43E-06	5.96E-04	0.00E+00	1.27E-04	0.00E+00	3.43E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1074	ALL	653830.1	4187848	NonCancer	0.00E+00	4.83E-05	0.00E+00	3.20E-06	3.20E-06	3.20E-06	5.56E-04	0.00E+00	1.19E-04	0.00E+00	3.20E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
1075	ALL	653850.1	4187848	NonCancer	0.00E+00	4.45E-05	0.00E+00	2.95E-06	2.95E-06	2.95E-06	5.11E-04	0.00E+00	1.10E-04	0.00E+00	2.95E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
1076	ALL	653870.1	4187848	NonCancer	0.00E+00	4.02E-05	0.00E+00	2.67E-06	2.67E-06	2.67E-06	4.63E-04	0.00E+00	9.91E-05	0.00E+00	2.67E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1077	ALL	653890.1	4187848	NonCancer	0.00E+00	3.57E-05	0.00E+00	2.37E-06	2.37E-06	2.37E-06	4.15E-04	0.00E+00	8.82E-05	0.00E+00	2.37E-06	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1078	ALL	653910.1	4187848	NonCancer	0.00E+00	3.15E-05	0.00E+00	2.09E-06	2.09E-06	2.09E-06	3.70E-04	0.00E+00	7.77E-05	0.00E+00	2.09E-06	1.14E-03	0.00E+00	0.00E+00	1.14E-03
1079	ALL	653930.1	4187848	NonCancer	0.00E+00	2.76E-05	0.00E+00	1.83E-06	1.83E-06	1.83E-06	3.29E-04	0.00E+00	6.82E-05	0.00E+00	1.83E-06	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1080	ALL	653950.1	4187848	NonCancer	0.00E+00	2.42E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	2.93E-04	0.00E+00	5.99E-05	0.00E+00	1.61E-06	8.84E-04	0.00E+00	0.00E+00	8.84E-04
1081	ALL	653970.1	4187848	NonCancer	0.00E+00	2.13E-05	0.00E+00	1.42E-06	1.42E-06	1.42E-06	2.62E-04	0.00E+00	5.28E-05	0.00E+00	1.42E-06	7.81E-04	0.00E+00	0.00E+00	7.81E-04
1082	ALL	653990.1	4187848	NonCancer	0.00E+00	1.89E-05	0.00E+00	1.25E-06	1.25E-06	1.25E-06	2.34E-04	0.00E+00	4.67E-05	0.00E+00	1.25E-06	6.93E-04	0.00E+00	0.00E+00	6.93E-04
1083	ALL	654010.1	4187848	NonCancer	0.00E+00	1.68E-05	0.00E+00	1.11E-06	1.11E-06	1.11E-06	2.11E-04	0.00E+00	4.15E-05	0.00E+00	1.11E-06	6.18E-04	0.00E+00	0.00E+00	6.18E-04
1084	ALL	654030.1	4187848	NonCancer	0.00E+00	1.50E-05	0.00E+00	9.95E-07	9.95E-07	9.95E-07	1.91E-04	0.00E+00	3.71E-05	0.00E+00	9.95E-07	5.54E-04	0.00E+00	0.00E+00	5.54E-04
1085	ALL	654050.1	4187848	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.95E-07	8.95E-07	8.95E-07	1.73E-04	0.00E+00	3.34E-05	0.00E+00	8.95E-07	4.99E-04	0.00E+00	0.00E+00	4.99E-04
1086	ALL	654070.1	4187848	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.08E-07	8.08E-07	8.08E-07	1.58E-04	0.00E+00	3.02E-05	0.00E+00	8.08E-07	4.52E-04	0.00E+00	0.00E+00	4.52E-04
1087	ALL	654090.1	4187848	NonCancer	0.00E+00	1.11E-05	0.00E+00	7.34E-07	7.34E-07	7.34E-07	1.44E-04	0.00E+00	2.74E-05	0.00E+00	7.34E-07	4.11E-04	0.00E+00	0.00E+00	4.11E-04
1088	ALL	654110.1	4187848	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.69E-07	6.69E-07	6.69E-07	1.33E-04	0.00E+00	2.50E-05	0.00E+00	6.69E-07	3.76E-04	0.00E+00	0.00E+00	3.76E-04
1089	ALL	654130.1	4187848	NonCancer	0.00E+00	9.23E-06	0.00E+00	6.13E-07	6.13E-07	6.13E-07	1.22E-04	0.00E+00	2.29E-05	0.00E+00	6.13E-07	3.45E-04	0.00E+00	0.00E+00	3.45E-04
1090	ALL	654150.1	4187848	NonCancer	0.00E+00	8.49E-06	0.00E+00	5.63E-07	5.63E-07	5.63E-07	1.13E-04	0.00E+00	2.11E-05	0.00E+00	5.63E-07	3.18E-04	0.00E+00	0.00E+00	3.18E-04
1091	ALL	654170.1	4187848	NonCancer	0.00E+00	7.84E-06	0.00E+00	5.20E-07	5.20E-07	5.20E-07	1.05E-04	0.00E+00	1.94E-05	0.00E+00	5.20E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
1092	ALL	654190.1	4187848	NonCancer	0.00E+00	7.26E-06	0.00E+00	4.82E-07	4.82E-07	4.82E-07	9.78E-05	0.00E+00	1.80E-05	0.00E+00	4.82E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1093	ALL	654210.1	4187848	NonCancer	0.00E+00	6.75E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.13E-05	0.00E+00	1.67E-05	0.00E+00	4.48E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
1094	ALL	654230.1	4187848	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	8.54E-05	0.00E+00	1.56E-05	0.00E+00	4.17E-07	2.36E-04	0.00E+00	0.00E+00	2.36E-04
1095	ALL	654250.1	4187848	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.01E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
1096	ALL	654270.1	4187848	NonCancer	0.00E+00	5.51E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	7.53E-05	0.00E+00	1.37E-05	0.00E+00	3.66E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
1097	ALL	654290.1	4187848	NonCancer	0.00E+00	5.17E-06	0.00E+00	3.43E-07	3.43E-07	3.43E-07	7.09E-05	0.00E+00	1.28E-05	0.00E+00	3.43E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1098	ALL	654310.1	4187848	NonCancer	0.00E+00	4.87E-06	0.00E+00	3.23E-07	3.23E-07	3.23E-07	6.69E-05	0.00E+00	1.21E-05	0.00E+00	3.23E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1099	ALL	654330.1	4187848	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.05E-07	3.05E-07	3.05E-07	6.32E-05	0.00E+00	1.14E-05	0.00E+00	3.05E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04

1100	ALL	654350.1	4187848	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.99E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1101	ALL	654370.1	4187848	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.68E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1102	ALL	654390.1	4187848	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.40E-05	0.00E+00	9.67E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1103	ALL	654410.1	4187848	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.14E-05	0.00E+00	9.19E-06	0.00E+00	2.45E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1104	ALL	654430.1	4187848	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.89E-05	0.00E+00	8.74E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1105	ALL	654450.1	4187848	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.67E-05	0.00E+00	8.32E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1106	ALL	654470.1	4187848	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.46E-05	0.00E+00	7.94E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1107	ALL	654490.1	4187848	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.27E-05	0.00E+00	7.58E-06	0.00E+00	2.02E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1108	ALL	653690.1	4187868	NonCancer	0.00E+00	5.11E-05	0.00E+00	3.39E-06	3.39E-06	3.39E-06	6.81E-04	0.00E+00	1.27E-04	0.00E+00	3.39E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
1109	ALL	653710.1	4187868	NonCancer	0.00E+00	5.96E-05	0.00E+00	3.96E-06	3.96E-06	3.96E-06	7.38E-04	0.00E+00	1.47E-04	0.00E+00	3.96E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1110	ALL	653730.1	4187868	NonCancer	0.00E+00	6.48E-05	0.00E+00	4.30E-06	4.30E-06	4.30E-06	8.03E-04	0.00E+00	1.60E-04	0.00E+00	4.30E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1111	ALL	653750.1	4187868	NonCancer	0.00E+00	7.02E-05	0.00E+00	4.66E-06	4.66E-06	4.66E-06	8.52E-04	0.00E+00	1.73E-04	0.00E+00	4.66E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1112	ALL	653770.1	4187868	NonCancer	0.00E+00	7.49E-05	0.00E+00	4.97E-06	4.97E-06	4.97E-06	8.56E-04	0.00E+00	1.85E-04	0.00E+00	4.97E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
1113	ALL	653790.1	4187868	NonCancer	0.00E+00	7.40E-05	0.00E+00	4.91E-06	4.91E-06	4.91E-06	8.19E-04	0.00E+00	1.82E-04	0.00E+00	4.91E-06	2.64E-03	0.00E+00	0.00E+00	2.64E-03
1114	ALL	653810.1	4187868	NonCancer	0.00E+00	6.89E-05	0.00E+00	4.57E-06	4.57E-06	4.57E-06	7.57E-04	0.00E+00	1.70E-04	0.00E+00	4.57E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
1115	ALL	653830.1	4187868	NonCancer	0.00E+00	6.24E-05	0.00E+00	4.14E-06	4.14E-06	4.14E-06	6.85E-04	0.00E+00	1.54E-04	0.00E+00	4.14E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
1116	ALL	653850.1	4187868	NonCancer	0.00E+00	5.51E-05	0.00E+00	3.66E-06	3.66E-06	3.66E-06	6.08E-04	0.00E+00	1.36E-04	0.00E+00	3.66E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1117	ALL	653870.1	4187868	NonCancer	0.00E+00	4.76E-05	0.00E+00	3.16E-06	3.16E-06	3.16E-06	5.32E-04	0.00E+00	1.17E-04	0.00E+00	3.16E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
1118	ALL	653890.1	4187868	NonCancer	0.00E+00	4.08E-05	0.00E+00	2.71E-06	2.71E-06	2.71E-06	4.64E-04	0.00E+00	1.01E-04	0.00E+00	2.71E-06	1.46E-03	0.00E+00	0.00E+00	1.46E-03
1119	ALL	653910.1	4187868	NonCancer	0.00E+00	3.48E-05	0.00E+00	2.31E-06	2.31E-06	2.31E-06	4.04E-04	0.00E+00	8.59E-05	0.00E+00	2.31E-06	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1120	ALL	653930.1	4187868	NonCancer	0.00E+00	2.98E-05	0.00E+00	1.98E-06	1.98E-06	1.98E-06	3.53E-04	0.00E+00	7.37E-05	0.00E+00	1.98E-06	1.08E-03	0.00E+00	0.00E+00	1.08E-03
1121	ALL	653950.1	4187868	NonCancer	0.00E+00	2.57E-05	0.00E+00	1.71E-06	1.71E-06	1.71E-06	3.10E-04	0.00E+00	6.36E-05	0.00E+00	1.71E-06	9.37E-04	0.00E+00	0.00E+00	9.37E-04
1122	ALL	653970.1	4187868	NonCancer	0.00E+00	2.24E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.74E-04	0.00E+00	5.53E-05	0.00E+00	1.48E-06	8.18E-04	0.00E+00	0.00E+00	8.18E-04
1123	ALL	653990.1	4187868	NonCancer	0.00E+00	1.96E-05	0.00E+00	1.30E-06	1.30E-06	1.30E-06	2.43E-04	0.00E+00	4.85E-05	0.00E+00	1.30E-06	7.19E-04	0.00E+00	0.00E+00	7.19E-04
1124	ALL	654010.1	4187868	NonCancer	0.00E+00	1.73E-05	0.00E+00	1.15E-06	1.15E-06	1.15E-06	2.18E-04	0.00E+00	4.28E-05	0.00E+00	1.15E-06	6.37E-04	0.00E+00	0.00E+00	6.37E-04
1125	ALL	654030.1	4187868	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.96E-04	0.00E+00	3.81E-05	0.00E+00	1.02E-06	5.68E-04	0.00E+00	0.00E+00	5.68E-04
1126	ALL	654050.1	4187868	NonCancer	0.00E+00	1.38E-05	0.00E+00	9.14E-07	9.14E-07	9.14E-07	1.77E-04	0.00E+00	3.41E-05	0.00E+00	9.14E-07	5.10E-04	0.00E+00	0.00E+00	5.10E-04
1127	ALL	654070.1	4187868	NonCancer	0.00E+00	1.24E-05	0.00E+00	8.23E-07	8.23E-07	8.23E-07	1.61E-04	0.00E+00	3.07E-05	0.00E+00	8.23E-07	4.60E-04	0.00E+00	0.00E+00	4.60E-04
1128	ALL	654090.1	4187868	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.45E-07	7.45E-07	7.45E-07	1.47E-04	0.00E+00	2.78E-05	0.00E+00	7.45E-07	4.18E-04	0.00E+00	0.00E+00	4.18E-04
1129	ALL	654110.1	4187868	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.78E-07	6.78E-07	6.78E-07	1.35E-04	0.00E+00	2.53E-05	0.00E+00	6.78E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1130	ALL	654130.1	4187868	NonCancer	0.00E+00	9.35E-06	0.00E+00	6.20E-07	6.20E-07	6.20E-07	1.24E-04	0.00E+00	2.32E-05	0.00E+00	6.20E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
1131	ALL	654150.1	4187868	NonCancer	0.00E+00	8.59E-06	0.00E+00	5.70E-07	5.70E-07	5.70E-07	1.14E-04	0.00E+00	2.13E-05	0.00E+00	5.70E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
1132	ALL	654170.1	4187868	NonCancer	0.00E+00	7.92E-06	0.00E+00	5.25E-07	5.25E-07	5.25E-07	1.06E-04	0.00E+00	1.96E-05	0.00E+00	5.25E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
1133	ALL	654190.1	4187868	NonCancer	0.00E+00	7.33E-06	0.00E+00	4.86E-07	4.86E-07	4.86E-07	9.86E-05	0.00E+00	1.82E-05	0.00E+00	4.86E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
1134	ALL	654210.1	4187868	NonCancer	0.00E+00	6.80E-06	0.00E+00	4.51E-07	4.51E-07	4.51E-07	9.19E-05	0.00E+00	1.69E-05	0.00E+00	4.51E-07	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1135	ALL	654230.1	4187868	NonCancer	0.00E+00	6.33E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	8.59E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
1136	ALL	654250.1	4187868	NonCancer	0.00E+00	5.91E-06	0.00E+00	3.92E-07	3.92E-07	3.92E-07	8.05E-05	0.00E+00	1.47E-05	0.00E+00	3.92E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
1137	ALL	654270.1	4187868	NonCancer	0.00E+00	5.54E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.56E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1138	ALL	654290.1	4187868	NonCancer	0.00E+00	5.20E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.11E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
1139	ALL	654310.1	4187868	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.24E-07	3.24E-07	3.24E-07	6.71E-05	0.00E+00	1.21E-05	0.00E+00	3.24E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1140	ALL	654330.1	4187868	NonCancer	0.00E+00	4.61E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.34E-05	0.00E+00	1.14E-05	0.00E+00	3.06E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
1141	ALL	654350.1	4187868	NonCancer	0.00E+00	4.35E-06	0.00E+00	2.89E-07	2.89E-07	2.89E-07	6.00E-05	0.00E+00	1.08E-05	0.00E+00	2.89E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1142	ALL	654370.1	4187868	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.69E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1143	ALL	654390.1	4187868	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.40E-05	0.00E+00	9.68E-06	0.00E+00	2.59E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1144	ALL	654410.1	4187868	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.14E-05	0.00E+00	9.19E-06	0.00E+00	2.45E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1145	ALL	654430.1	4187868	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.89E-05	0.00E+00	8.73E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1146	ALL	654450.1	4187868	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.67E-05	0.00E+00	8.31E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1147	ALL	654470.1	4187868	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.46E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1148	ALL	654490.1	4187868	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.26E-05	0.00E+00	7.56E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1149	ALL	653690.1	4187888	NonCancer	0.00E+00	6.76E-05	0.00E+00	4.49E-06	4.49E-06	4.49E-06	9.17E-04	0.00E+00	1.68E-04	0.00E+00	4.49E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03

1150	ALL	653830.1	4187888	NonCancer	0.00E+00	8.07E-05	0.00E+00	5.36E-06	5.36E-06	5.36E-06	8.37E-04	0.00E+00	1.98E-04	0.00E+00	5.36E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
1151	ALL	653850.1	4187888	NonCancer	0.00E+00	6.69E-05	0.00E+00	4.44E-06	4.44E-06	4.44E-06	7.09E-04	0.00E+00	1.64E-04	0.00E+00	4.44E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
1152	ALL	653870.1	4187888	NonCancer	0.00E+00	5.48E-05	0.00E+00	3.64E-06	3.64E-06	3.64E-06	5.98E-04	0.00E+00	1.35E-04	0.00E+00	3.64E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1153	ALL	653890.1	4187888	NonCancer	0.00E+00	4.51E-05	0.00E+00	3.00E-06	3.00E-06	3.00E-06	5.06E-04	0.00E+00	1.11E-04	0.00E+00	3.00E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
1154	ALL	653910.1	4187888	NonCancer	0.00E+00	3.75E-05	0.00E+00	2.49E-06	2.49E-06	2.49E-06	4.32E-04	0.00E+00	9.25E-05	0.00E+00	2.49E-06	1.35E-03	0.00E+00	0.00E+00	1.35E-03
1155	ALL	653930.1	4187888	NonCancer	0.00E+00	3.15E-05	0.00E+00	2.09E-06	2.09E-06	2.09E-06	3.72E-04	0.00E+00	7.79E-05	0.00E+00	2.09E-06	1.14E-03	0.00E+00	0.00E+00	1.14E-03
1156	ALL	653950.1	4187888	NonCancer	0.00E+00	2.69E-05	0.00E+00	1.78E-06	1.78E-06	1.78E-06	3.23E-04	0.00E+00	6.63E-05	0.00E+00	1.78E-06	9.77E-04	0.00E+00	0.00E+00	9.77E-04
1157	ALL	653970.1	4187888	NonCancer	0.00E+00	2.31E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	2.83E-04	0.00E+00	5.72E-05	0.00E+00	1.53E-06	8.46E-04	0.00E+00	0.00E+00	8.46E-04
1158	ALL	653990.1	4187888	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.34E-06	1.34E-06	1.34E-06	2.50E-04	0.00E+00	4.98E-05	0.00E+00	1.34E-06	7.39E-04	0.00E+00	0.00E+00	7.39E-04
1159	ALL	654010.1	4187888	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.17E-06	1.17E-06	1.17E-06	2.23E-04	0.00E+00	4.37E-05	0.00E+00	1.17E-06	6.51E-04	0.00E+00	0.00E+00	6.51E-04
1160	ALL	654030.1	4187888	NonCancer	0.00E+00	1.57E-05	0.00E+00	1.04E-06	1.04E-06	1.04E-06	1.99E-04	0.00E+00	3.88E-05	0.00E+00	1.04E-06	5.78E-04	0.00E+00	0.00E+00	5.78E-04
1161	ALL	654050.1	4187888	NonCancer	0.00E+00	1.40E-05	0.00E+00	9.27E-07	9.27E-07	9.27E-07	1.80E-04	0.00E+00	3.46E-05	0.00E+00	9.27E-07	5.18E-04	0.00E+00	0.00E+00	5.18E-04
1162	ALL	654070.1	4187888	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.33E-07	8.33E-07	8.33E-07	1.63E-04	0.00E+00	3.11E-05	0.00E+00	8.33E-07	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1163	ALL	654090.1	4187888	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.53E-07	7.53E-07	7.53E-07	1.48E-04	0.00E+00	2.81E-05	0.00E+00	7.53E-07	4.22E-04	0.00E+00	0.00E+00	4.22E-04
1164	ALL	654110.1	4187888	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.84E-07	6.84E-07	6.84E-07	1.36E-04	0.00E+00	2.56E-05	0.00E+00	6.84E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
1165	ALL	654130.1	4187888	NonCancer	0.00E+00	9.42E-06	0.00E+00	6.25E-07	6.25E-07	6.25E-07	1.25E-04	0.00E+00	2.33E-05	0.00E+00	6.25E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
1166	ALL	654150.1	4187888	NonCancer	0.00E+00	8.64E-06	0.00E+00	5.73E-07	5.73E-07	5.73E-07	1.15E-04	0.00E+00	2.14E-05	0.00E+00	5.73E-07	3.23E-04	0.00E+00	0.00E+00	3.23E-04
1167	ALL	654170.1	4187888	NonCancer	0.00E+00	7.95E-06	0.00E+00	5.28E-07	5.28E-07	5.28E-07	1.07E-04	0.00E+00	1.97E-05	0.00E+00	5.28E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1168	ALL	654190.1	4187888	NonCancer	0.00E+00	7.35E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	9.89E-05	0.00E+00	1.82E-05	0.00E+00	4.88E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
1169	ALL	654210.1	4187888	NonCancer	0.00E+00	6.82E-06	0.00E+00	4.52E-07	4.52E-07	4.52E-07	9.21E-05	0.00E+00	1.69E-05	0.00E+00	4.52E-07	2.56E-04	0.00E+00	0.00E+00	2.56E-04
1170	ALL	654230.1	4187888	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.21E-07	4.21E-07	4.21E-07	8.60E-05	0.00E+00	1.57E-05	0.00E+00	4.21E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
1171	ALL	654250.1	4187888	NonCancer	0.00E+00	5.92E-06	0.00E+00	3.93E-07	3.93E-07	3.93E-07	8.06E-05	0.00E+00	1.47E-05	0.00E+00	3.93E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
1172	ALL	654270.1	4187888	NonCancer	0.00E+00	5.53E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.56E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1173	ALL	654290.1	4187888	NonCancer	0.00E+00	5.19E-06	0.00E+00	3.44E-07	3.44E-07	3.44E-07	7.11E-05	0.00E+00	1.29E-05	0.00E+00	3.44E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1174	ALL	654310.1	4187888	NonCancer	0.00E+00	4.88E-06	0.00E+00	3.24E-07	3.24E-07	3.24E-07	6.70E-05	0.00E+00	1.21E-05	0.00E+00	3.24E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1175	ALL	654330.1	4187888	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.05E-07	3.05E-07	3.05E-07	6.33E-05	0.00E+00	1.14E-05	0.00E+00	3.05E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
1176	ALL	654350.1	4187888	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.99E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1177	ALL	654370.1	4187888	NonCancer	0.00E+00	4.10E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	5.68E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1178	ALL	654390.1	4187888	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.39E-05	0.00E+00	9.64E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1179	ALL	654410.1	4187888	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.12E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1180	ALL	654430.1	4187888	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.88E-05	0.00E+00	8.69E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1181	ALL	654450.1	4187888	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.65E-05	0.00E+00	8.27E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1182	ALL	654470.1	4187888	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.44E-05	0.00E+00	7.88E-06	0.00E+00	2.11E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1183	ALL	654490.1	4187888	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.25E-05	0.00E+00	7.52E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1184	ALL	653690.1	4187908	NonCancer	0.00E+00	9.37E-05	0.00E+00	6.22E-06	6.22E-06	6.22E-06	1.30E-03	0.00E+00	2.33E-04	0.00E+00	6.22E-06	3.53E-03	0.00E+00	0.00E+00	3.53E-03
1185	ALL	653830.1	4187908	NonCancer	0.00E+00	1.01E-04	0.00E+00	6.69E-06	6.69E-06	6.69E-06	9.92E-04	0.00E+00	2.47E-04	0.00E+00	6.69E-06	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1186	ALL	653850.1	4187908	NonCancer	0.00E+00	7.75E-05	0.00E+00	5.14E-06	5.14E-06	5.14E-06	7.99E-04	0.00E+00	1.90E-04	0.00E+00	5.14E-06	2.72E-03	0.00E+00	0.00E+00	2.72E-03
1187	ALL	653870.1	4187908	NonCancer	0.00E+00	6.05E-05	0.00E+00	4.02E-06	4.02E-06	4.02E-06	6.51E-04	0.00E+00	1.49E-04	0.00E+00	4.02E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
1188	ALL	653890.1	4187908	NonCancer	0.00E+00	4.83E-05	0.00E+00	3.21E-06	3.21E-06	3.21E-06	5.39E-04	0.00E+00	1.19E-04	0.00E+00	3.21E-06	1.73E-03	0.00E+00	0.00E+00	1.73E-03
1189	ALL	653910.1	4187908	NonCancer	0.00E+00	3.93E-05	0.00E+00	2.61E-06	2.61E-06	2.61E-06	4.52E-04	0.00E+00	9.71E-05	0.00E+00	2.61E-06	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1190	ALL	653930.1	4187908	NonCancer	0.00E+00	3.27E-05	0.00E+00	2.17E-06	2.17E-06	2.17E-06	3.85E-04	0.00E+00	8.07E-05	0.00E+00	2.17E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1191	ALL	653950.1	4187908	NonCancer	0.00E+00	2.76E-05	0.00E+00	1.83E-06	1.83E-06	1.83E-06	3.32E-04	0.00E+00	6.81E-05	0.00E+00	1.83E-06	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1192	ALL	653970.1	4187908	NonCancer	0.00E+00	2.36E-05	0.00E+00	1.57E-06	1.57E-06	1.57E-06	2.89E-04	0.00E+00	5.83E-05	0.00E+00	1.57E-06	8.63E-04	0.00E+00	0.00E+00	8.63E-04
1193	ALL	653990.1	4187908	NonCancer	0.00E+00	2.04E-05	0.00E+00	1.36E-06	1.36E-06	1.36E-06	2.54E-04	0.00E+00	5.05E-05	0.00E+00	1.36E-06	7.50E-04	0.00E+00	0.00E+00	7.50E-04
1194	ALL	654010.1	4187908	NonCancer	0.00E+00	1.79E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	2.26E-04	0.00E+00	4.42E-05	0.00E+00	1.19E-06	6.59E-04	0.00E+00	0.00E+00	6.59E-04
1195	ALL	654030.1	4187908	NonCancer	0.00E+00	1.58E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.01E-04	0.00E+00	3.91E-05	0.00E+00	1.05E-06	5.83E-04	0.00E+00	0.00E+00	5.83E-04
1196	ALL	654050.1	4187908	NonCancer	0.00E+00	1.40E-05	0.00E+00	9.32E-07	9.32E-07	9.32E-07	1.81E-04	0.00E+00	3.48E-05	0.00E+00	9.32E-07	5.21E-04	0.00E+00	0.00E+00	5.21E-04
1197	ALL	654070.1	4187908	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.36E-07	8.36E-07	8.36E-07	1.64E-04	0.00E+00	3.12E-05	0.00E+00	8.36E-07	4.68E-04	0.00E+00	0.00E+00	4.68E-04
1198	ALL	654090.1	4187908	NonCancer	0.00E+00	1.14E-05	0.00E+00	7.54E-07	7.54E-07	7.54E-07	1.49E-04	0.00E+00	2.82E-05	0.00E+00	7.54E-07	4.23E-04	0.00E+00	0.00E+00	4.23E-04
1199	ALL	654110.1	4187908	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.84E-07	6.84E-07	6.84E-07	1.36E-04	0.00E+00	2.56E-05	0.00E+00	6.84E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04

1200	ALL	654130.1	4187908	NonCancer	0.00E+00	9.40E-06	0.00E+00	6.24E-07	6.24E-07	6.24E-07	1.25E-04	0.00E+00	2.33E-05	0.00E+00	6.24E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
1201	ALL	654150.1	4187908	NonCancer	0.00E+00	8.61E-06	0.00E+00	5.72E-07	5.72E-07	5.72E-07	1.15E-04	0.00E+00	2.14E-05	0.00E+00	5.72E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1202	ALL	654170.1	4187908	NonCancer	0.00E+00	7.92E-06	0.00E+00	5.26E-07	5.26E-07	5.26E-07	1.06E-04	0.00E+00	1.97E-05	0.00E+00	5.26E-07	2.97E-04	0.00E+00	0.00E+00	2.97E-04
1203	ALL	654190.1	4187908	NonCancer	0.00E+00	7.32E-06	0.00E+00	4.86E-07	4.86E-07	4.86E-07	9.87E-05	0.00E+00	1.82E-05	0.00E+00	4.86E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
1204	ALL	654210.1	4187908	NonCancer	0.00E+00	6.78E-06	0.00E+00	4.50E-07	4.50E-07	4.50E-07	9.19E-05	0.00E+00	1.68E-05	0.00E+00	4.50E-07	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1205	ALL	654230.1	4187908	NonCancer	0.00E+00	6.30E-06	0.00E+00	4.18E-07	4.18E-07	4.18E-07	8.58E-05	0.00E+00	1.56E-05	0.00E+00	4.18E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
1206	ALL	654250.1	4187908	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.03E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
1207	ALL	654270.1	4187908	NonCancer	0.00E+00	5.50E-06	0.00E+00	3.65E-07	3.65E-07	3.65E-07	7.53E-05	0.00E+00	1.36E-05	0.00E+00	3.65E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
1208	ALL	654290.1	4187908	NonCancer	0.00E+00	5.15E-06	0.00E+00	3.42E-07	3.42E-07	3.42E-07	7.08E-05	0.00E+00	1.28E-05	0.00E+00	3.42E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
1209	ALL	654310.1	4187908	NonCancer	0.00E+00	4.84E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.67E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
1210	ALL	654330.1	4187908	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.30E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
1211	ALL	654350.1	4187908	NonCancer	0.00E+00	4.30E-06	0.00E+00	2.85E-07	2.85E-07	2.85E-07	5.96E-05	0.00E+00	1.07E-05	0.00E+00	2.85E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
1212	ALL	654370.1	4187908	NonCancer	0.00E+00	4.06E-06	0.00E+00	2.70E-07	2.70E-07	2.70E-07	5.65E-05	0.00E+00	1.01E-05	0.00E+00	2.70E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1213	ALL	654390.1	4187908	NonCancer	0.00E+00	3.85E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.36E-05	0.00E+00	9.56E-06	0.00E+00	2.55E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1214	ALL	654410.1	4187908	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.10E-05	0.00E+00	9.07E-06	0.00E+00	2.42E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
1215	ALL	654430.1	4187908	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.30E-07	2.30E-07	2.30E-07	4.85E-05	0.00E+00	8.62E-06	0.00E+00	2.30E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
1216	ALL	654450.1	4187908	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.63E-05	0.00E+00	8.20E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
1217	ALL	654470.1	4187908	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.42E-05	0.00E+00	7.81E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
1218	ALL	654490.1	4187908	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.22E-05	0.00E+00	7.46E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
1219	ALL	653690.1	4187928	NonCancer	0.00E+00	1.39E-04	0.00E+00	9.25E-06	9.25E-06	9.25E-06	1.97E-03	0.00E+00	3.46E-04	0.00E+00	9.25E-06	5.28E-03	0.00E+00	0.00E+00	5.28E-03
1220	ALL	653830.1	4187928	NonCancer	0.00E+00	1.17E-04	0.00E+00	7.75E-06	7.75E-06	7.75E-06	1.12E-03	0.00E+00	2.86E-04	0.00E+00	7.75E-06	4.03E-03	0.00E+00	0.00E+00	4.03E-03
1221	ALL	653850.1	4187928	NonCancer	0.00E+00	8.45E-05	0.00E+00	5.61E-06	5.61E-06	5.61E-06	8.62E-04	0.00E+00	2.08E-04	0.00E+00	5.61E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
1222	ALL	653870.1	4187928	NonCancer	0.00E+00	6.38E-05	0.00E+00	4.24E-06	4.24E-06	4.24E-06	6.85E-04	0.00E+00	1.57E-04	0.00E+00	4.24E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1223	ALL	653890.1	4187928	NonCancer	0.00E+00	4.99E-05	0.00E+00	3.31E-06	3.31E-06	3.31E-06	5.58E-04	0.00E+00	1.23E-04	0.00E+00	3.31E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
1224	ALL	653910.1	4187928	NonCancer	0.00E+00	4.01E-05	0.00E+00	2.67E-06	2.67E-06	2.67E-06	4.64E-04	0.00E+00	9.91E-05	0.00E+00	2.67E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1225	ALL	653930.1	4187928	NonCancer	0.00E+00	3.30E-05	0.00E+00	2.19E-06	2.19E-06	2.19E-06	3.92E-04	0.00E+00	8.16E-05	0.00E+00	2.19E-06	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1226	ALL	653950.1	4187928	NonCancer	0.00E+00	2.77E-05	0.00E+00	1.84E-06	1.84E-06	1.84E-06	3.36E-04	0.00E+00	6.85E-05	0.00E+00	1.84E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1227	ALL	653970.1	4187928	NonCancer	0.00E+00	2.36E-05	0.00E+00	1.57E-06	1.57E-06	1.57E-06	2.91E-04	0.00E+00	5.84E-05	0.00E+00	1.57E-06	8.65E-04	0.00E+00	0.00E+00	8.65E-04
1228	ALL	653990.1	4187928	NonCancer	0.00E+00	2.04E-05	0.00E+00	1.35E-06	1.35E-06	1.35E-06	2.55E-04	0.00E+00	5.04E-05	0.00E+00	1.35E-06	7.49E-04	0.00E+00	0.00E+00	7.49E-04
1229	ALL	654010.1	4187928	NonCancer	0.00E+00	1.78E-05	0.00E+00	1.18E-06	1.18E-06	1.18E-06	2.26E-04	0.00E+00	4.40E-05	0.00E+00	1.18E-06	6.56E-04	0.00E+00	0.00E+00	6.56E-04
1230	ALL	654030.1	4187928	NonCancer	0.00E+00	1.57E-05	0.00E+00	1.04E-06	1.04E-06	1.04E-06	2.01E-04	0.00E+00	3.88E-05	0.00E+00	1.04E-06	5.80E-04	0.00E+00	0.00E+00	5.80E-04
1231	ALL	654050.1	4187928	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.25E-07	9.25E-07	9.25E-07	1.81E-04	0.00E+00	3.45E-05	0.00E+00	9.25E-07	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1232	ALL	654070.1	4187928	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.28E-07	8.28E-07	8.28E-07	1.63E-04	0.00E+00	3.09E-05	0.00E+00	8.28E-07	4.64E-04	0.00E+00	0.00E+00	4.64E-04
1233	ALL	654090.1	4187928	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.46E-07	7.46E-07	7.46E-07	1.48E-04	0.00E+00	2.79E-05	0.00E+00	7.46E-07	4.19E-04	0.00E+00	0.00E+00	4.19E-04
1234	ALL	654110.1	4187928	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.77E-07	6.77E-07	6.77E-07	1.35E-04	0.00E+00	2.53E-05	0.00E+00	6.77E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1235	ALL	654130.1	4187928	NonCancer	0.00E+00	9.30E-06	0.00E+00	6.17E-07	6.17E-07	6.17E-07	1.24E-04	0.00E+00	2.31E-05	0.00E+00	6.17E-07	3.48E-04	0.00E+00	0.00E+00	3.48E-04
1236	ALL	654150.1	4187928	NonCancer	0.00E+00	8.51E-06	0.00E+00	5.65E-07	5.65E-07	5.65E-07	1.14E-04	0.00E+00	2.11E-05	0.00E+00	5.65E-07	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1237	ALL	654170.1	4187928	NonCancer	0.00E+00	7.83E-06	0.00E+00	5.20E-07	5.20E-07	5.20E-07	1.06E-04	0.00E+00	1.94E-05	0.00E+00	5.20E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
1238	ALL	654190.1	4187928	NonCancer	0.00E+00	7.23E-06	0.00E+00	4.80E-07	4.80E-07	4.80E-07	9.80E-05	0.00E+00	1.79E-05	0.00E+00	4.80E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1239	ALL	654210.1	4187928	NonCancer	0.00E+00	6.70E-06	0.00E+00	4.45E-07	4.45E-07	4.45E-07	9.12E-05	0.00E+00	1.66E-05	0.00E+00	4.45E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
1240	ALL	654230.1	4187928	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.51E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
1241	ALL	654250.1	4187928	NonCancer	0.00E+00	5.81E-06	0.00E+00	3.85E-07	3.85E-07	3.85E-07	7.97E-05	0.00E+00	1.44E-05	0.00E+00	3.85E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
1242	ALL	654270.1	4187928	NonCancer	0.00E+00	5.43E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	7.47E-05	0.00E+00	1.35E-05	0.00E+00	3.60E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
1243	ALL	654290.1	4187928	NonCancer	0.00E+00	5.09E-06	0.00E+00	3.38E-07	3.38E-07	3.38E-07	7.03E-05	0.00E+00	1.26E-05	0.00E+00	3.38E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
1244	ALL	654310.1	4187928	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	6.62E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1245	ALL	654330.1	4187928	NonCancer	0.00E+00	4.50E-06	0.00E+00	2.99E-07	2.99E-07	2.99E-07	6.25E-05	0.00E+00	1.12E-05	0.00E+00	2.99E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
1246	ALL	654350.1	4187928	NonCancer	0.00E+00	4.25E-06	0.00E+00	2.82E-07	2.82E-07	2.82E-07	5.91E-05	0.00E+00	1.06E-05	0.00E+00	2.82E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
1247	ALL	654370.1	4187928	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	5.60E-05	0.00E+00	9.98E-06	0.00E+00	2.67E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
1248	ALL	654390.1	4187928	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.32E-05	0.00E+00	9.45E-06	0.00E+00	2.52E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
1249	ALL	654410.1	4187928	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.40E-07	2.40E-07	2.40E-07	5.06E-05	0.00E+00	8.97E-06	0.00E+00	2.40E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04

1250	ALL	654430.1	4187928	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.82E-05	0.00E+00	8.52E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
1251	ALL	654450.1	4187928	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.59E-05	0.00E+00	8.11E-06	0.00E+00	2.17E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
1252	ALL	654470.1	4187928	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.38E-05	0.00E+00	7.73E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
1253	ALL	654490.1	4187928	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.19E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
1254	ALL	653690.1	4187948	NonCancer	0.00E+00	2.25E-04	0.00E+00	1.49E-05	1.49E-05	1.49E-05	3.10E-03	0.00E+00	5.59E-04	0.00E+00	1.49E-05	8.46E-03	0.00E+00	0.00E+00	8.46E-03
1255	ALL	653830.1	4187948	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.11E-06	8.11E-06	8.11E-06	1.17E-03	0.00E+00	2.99E-04	0.00E+00	8.11E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
1256	ALL	653850.1	4187948	NonCancer	0.00E+00	8.56E-05	0.00E+00	5.68E-06	5.68E-06	5.68E-06	8.85E-04	0.00E+00	2.10E-04	0.00E+00	5.68E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1257	ALL	653870.1	4187948	NonCancer	0.00E+00	6.36E-05	0.00E+00	4.22E-06	4.22E-06	4.22E-06	6.94E-04	0.00E+00	1.57E-04	0.00E+00	4.22E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1258	ALL	653890.1	4187948	NonCancer	0.00E+00	4.93E-05	0.00E+00	3.27E-06	3.27E-06	3.27E-06	5.60E-04	0.00E+00	1.22E-04	0.00E+00	3.27E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1259	ALL	653910.1	4187948	NonCancer	0.00E+00	3.95E-05	0.00E+00	2.62E-06	2.62E-06	2.62E-06	4.63E-04	0.00E+00	9.74E-05	0.00E+00	2.62E-06	1.43E-03	0.00E+00	0.00E+00	1.43E-03
1260	ALL	653930.1	4187948	NonCancer	0.00E+00	3.24E-05	0.00E+00	2.15E-06	2.15E-06	2.15E-06	3.90E-04	0.00E+00	8.00E-05	0.00E+00	2.15E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1261	ALL	653950.1	4187948	NonCancer	0.00E+00	2.71E-05	0.00E+00	1.80E-06	1.80E-06	1.80E-06	3.33E-04	0.00E+00	6.71E-05	0.00E+00	1.80E-06	9.93E-04	0.00E+00	0.00E+00	9.93E-04
1262	ALL	653970.1	4187948	NonCancer	0.00E+00	2.31E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	2.88E-04	0.00E+00	5.71E-05	0.00E+00	1.53E-06	8.49E-04	0.00E+00	0.00E+00	8.49E-04
1263	ALL	653990.1	4187948	NonCancer	0.00E+00	1.99E-05	0.00E+00	1.32E-06	1.32E-06	1.32E-06	2.52E-04	0.00E+00	4.93E-05	0.00E+00	1.32E-06	7.35E-04	0.00E+00	0.00E+00	7.35E-04
1264	ALL	654010.1	4187948	NonCancer	0.00E+00	1.74E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.23E-04	0.00E+00	4.31E-05	0.00E+00	1.16E-06	6.44E-04	0.00E+00	0.00E+00	6.44E-04
1265	ALL	654030.1	4187948	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.99E-04	0.00E+00	3.80E-05	0.00E+00	1.02E-06	5.69E-04	0.00E+00	0.00E+00	5.69E-04
1266	ALL	654050.1	4187948	NonCancer	0.00E+00	1.36E-05	0.00E+00	9.06E-07	9.06E-07	9.06E-07	1.78E-04	0.00E+00	3.38E-05	0.00E+00	9.06E-07	5.08E-04	0.00E+00	0.00E+00	5.08E-04
1267	ALL	654070.1	4187948	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.12E-07	8.12E-07	8.12E-07	1.61E-04	0.00E+00	3.03E-05	0.00E+00	8.12E-07	4.56E-04	0.00E+00	0.00E+00	4.56E-04
1268	ALL	654090.1	4187948	NonCancer	0.00E+00	1.10E-05	0.00E+00	7.32E-07	7.32E-07	7.32E-07	1.46E-04	0.00E+00	2.73E-05	0.00E+00	7.32E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
1269	ALL	654110.1	4187948	NonCancer	0.00E+00	1.00E-05	0.00E+00	6.64E-07	6.64E-07	6.64E-07	1.34E-04	0.00E+00	2.48E-05	0.00E+00	6.64E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
1270	ALL	654130.1	4187948	NonCancer	0.00E+00	9.13E-06	0.00E+00	6.06E-07	6.06E-07	6.06E-07	1.23E-04	0.00E+00	2.26E-05	0.00E+00	6.06E-07	3.42E-04	0.00E+00	0.00E+00	3.42E-04
1271	ALL	654150.1	4187948	NonCancer	0.00E+00	8.36E-06	0.00E+00	5.55E-07	5.55E-07	5.55E-07	1.13E-04	0.00E+00	2.08E-05	0.00E+00	5.55E-07	3.14E-04	0.00E+00	0.00E+00	3.14E-04
1272	ALL	654170.1	4187948	NonCancer	0.00E+00	7.70E-06	0.00E+00	5.11E-07	5.11E-07	5.11E-07	1.04E-04	0.00E+00	1.91E-05	0.00E+00	5.11E-07	2.89E-04	0.00E+00	0.00E+00	2.89E-04
1273	ALL	654190.1	4187948	NonCancer	0.00E+00	7.11E-06	0.00E+00	4.72E-07	4.72E-07	4.72E-07	9.69E-05	0.00E+00	1.76E-05	0.00E+00	4.72E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
1274	ALL	654210.1	4187948	NonCancer	0.00E+00	6.59E-06	0.00E+00	4.37E-07	4.37E-07	4.37E-07	9.02E-05	0.00E+00	1.64E-05	0.00E+00	4.37E-07	2.48E-04	0.00E+00	0.00E+00	2.48E-04
1275	ALL	654230.1	4187948	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.07E-07	4.07E-07	4.07E-07	8.42E-05	0.00E+00	1.52E-05	0.00E+00	4.07E-07	2.31E-04	0.00E+00	0.00E+00	2.31E-04
1276	ALL	654250.1	4187948	NonCancer	0.00E+00	5.72E-06	0.00E+00	3.80E-07	3.80E-07	3.80E-07	7.88E-05	0.00E+00	1.42E-05	0.00E+00	3.80E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
1277	ALL	654270.1	4187948	NonCancer	0.00E+00	5.35E-06	0.00E+00	3.55E-07	3.55E-07	3.55E-07	7.39E-05	0.00E+00	1.33E-05	0.00E+00	3.55E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
1278	ALL	654290.1	4187948	NonCancer	0.00E+00	5.02E-06	0.00E+00	3.33E-07	3.33E-07	3.33E-07	6.95E-05	0.00E+00	1.25E-05	0.00E+00	3.33E-07	1.90E-04	0.00E+00	0.00E+00	1.90E-04
1279	ALL	654310.1	4187948	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.55E-05	0.00E+00	1.17E-05	0.00E+00	3.13E-07	1.78E-04	0.00E+00	0.00E+00	1.78E-04
1280	ALL	654330.1	4187948	NonCancer	0.00E+00	4.44E-06	0.00E+00	2.95E-07	2.95E-07	2.95E-07	6.19E-05	0.00E+00	1.10E-05	0.00E+00	2.95E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
1281	ALL	654350.1	4187948	NonCancer	0.00E+00	4.19E-06	0.00E+00	2.78E-07	2.78E-07	2.78E-07	5.86E-05	0.00E+00	1.04E-05	0.00E+00	2.78E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
1282	ALL	654370.1	4187948	NonCancer	0.00E+00	3.97E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.55E-05	0.00E+00	9.85E-06	0.00E+00	2.63E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
1283	ALL	654390.1	4187948	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.27E-05	0.00E+00	9.34E-06	0.00E+00	2.49E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
1284	ALL	654410.1	4187948	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	5.01E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
1285	ALL	654430.1	4187948	NonCancer	0.00E+00	3.39E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.77E-05	0.00E+00	8.43E-06	0.00E+00	2.25E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
1286	ALL	654450.1	4187948	NonCancer	0.00E+00	3.23E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.55E-05	0.00E+00	8.02E-06	0.00E+00	2.14E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
1287	ALL	654470.1	4187948	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.34E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
1288	ALL	654490.1	4187948	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.15E-05	0.00E+00	7.30E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
1289	ALL	653690.1	4187968	NonCancer	0.00E+00	3.15E-04	0.00E+00	2.09E-05	2.09E-05	2.09E-05	3.57E-03	0.00E+00	7.76E-04	0.00E+00	2.09E-05	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1290	ALL	653830.1	4187968	NonCancer	0.00E+00	1.11E-04	0.00E+00	7.40E-06	7.40E-06	7.40E-06	1.13E-03	0.00E+00	2.74E-04	0.00E+00	7.40E-06	3.90E-03	0.00E+00	0.00E+00	3.90E-03
1291	ALL	653850.1	4187968	NonCancer	0.00E+00	7.91E-05	0.00E+00	5.25E-06	5.25E-06	5.25E-06	8.55E-04	0.00E+00	1.95E-04	0.00E+00	5.25E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
1292	ALL	653870.1	4187968	NonCancer	0.00E+00	5.94E-05	0.00E+00	3.94E-06	3.94E-06	3.94E-06	6.71E-04	0.00E+00	1.46E-04	0.00E+00	3.94E-06	2.13E-03	0.00E+00	0.00E+00	2.13E-03
1293	ALL	653890.1	4187968	NonCancer	0.00E+00	4.64E-05	0.00E+00	3.08E-06	3.08E-06	3.08E-06	5.42E-04	0.00E+00	1.15E-04	0.00E+00	3.08E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
1294	ALL	653910.1	4187968	NonCancer	0.00E+00	3.74E-05	0.00E+00	2.48E-06	2.48E-06	2.48E-06	4.49E-04	0.00E+00	9.24E-05	0.00E+00	2.48E-06	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1295	ALL	653930.1	4187968	NonCancer	0.00E+00	3.09E-05	0.00E+00	2.05E-06	2.05E-06	2.05E-06	3.78E-04	0.00E+00	7.63E-05	0.00E+00	2.05E-06	1.13E-03	0.00E+00	0.00E+00	1.13E-03
1296	ALL	653950.1	4187968	NonCancer	0.00E+00	2.60E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.24E-04	0.00E+00	6.42E-05	0.00E+00	1.72E-06	9.54E-04	0.00E+00	0.00E+00	9.54E-04
1297	ALL	653970.1	4187968	NonCancer	0.00E+00	2.22E-05	0.00E+00	1.47E-06	1.47E-06	1.47E-06	2.81E-04	0.00E+00	5.49E-05	0.00E+00	1.47E-06	8.18E-04	0.00E+00	0.00E+00	8.18E-04
1298	ALL	653990.1	4187968	NonCancer	0.00E+00	1.92E-05	0.00E+00	1.28E-06	1.28E-06	1.28E-06	2.46E-04	0.00E+00	4.76E-05	0.00E+00	1.28E-06	7.11E-04	0.00E+00	0.00E+00	7.11E-04
1299	ALL	654010.1	4187968	NonCancer	0.00E+00	1.68E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.18E-04	0.00E+00	4.17E-05	0.00E+00	1.12E-06	6.24E-04	0.00E+00	0.00E+00	6.24E-04

1300	ALL	654030.1	4187968	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.87E-07	9.87E-07	9.87E-07	1.94E-04	0.00E+00	3.69E-05	0.00E+00	9.87E-07	5.53E-04	0.00E+00	0.00E+00	5.53E-04
1301	ALL	654050.1	4187968	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.80E-07	8.80E-07	8.80E-07	1.75E-04	0.00E+00	3.29E-05	0.00E+00	8.80E-07	4.94E-04	0.00E+00	0.00E+00	4.94E-04
1302	ALL	654070.1	4187968	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.90E-07	7.90E-07	7.90E-07	1.58E-04	0.00E+00	2.95E-05	0.00E+00	7.90E-07	4.44E-04	0.00E+00	0.00E+00	4.44E-04
1303	ALL	654090.1	4187968	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.14E-07	7.14E-07	7.14E-07	1.44E-04	0.00E+00	2.67E-05	0.00E+00	7.14E-07	4.02E-04	0.00E+00	0.00E+00	4.02E-04
1304	ALL	654110.1	4187968	NonCancer	0.00E+00	9.77E-06	0.00E+00	6.48E-07	6.48E-07	6.48E-07	1.31E-04	0.00E+00	2.42E-05	0.00E+00	6.48E-07	3.66E-04	0.00E+00	0.00E+00	3.66E-04
1305	ALL	654130.1	4187968	NonCancer	0.00E+00	8.93E-06	0.00E+00	5.92E-07	5.92E-07	5.92E-07	1.20E-04	0.00E+00	2.21E-05	0.00E+00	5.92E-07	3.35E-04	0.00E+00	0.00E+00	3.35E-04
1306	ALL	654150.1	4187968	NonCancer	0.00E+00	8.19E-06	0.00E+00	5.43E-07	5.43E-07	5.43E-07	1.11E-04	0.00E+00	2.03E-05	0.00E+00	5.43E-07	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1307	ALL	654170.1	4187968	NonCancer	0.00E+00	7.54E-06	0.00E+00	5.01E-07	5.01E-07	5.01E-07	1.03E-04	0.00E+00	1.87E-05	0.00E+00	5.01E-07	2.84E-04	0.00E+00	0.00E+00	2.84E-04
1308	ALL	654190.1	4187968	NonCancer	0.00E+00	6.98E-06	0.00E+00	4.63E-07	4.63E-07	4.63E-07	9.54E-05	0.00E+00	1.73E-05	0.00E+00	4.63E-07	2.63E-04	0.00E+00	0.00E+00	2.63E-04
1309	ALL	654210.1	4187968	NonCancer	0.00E+00	6.47E-06	0.00E+00	4.30E-07	4.30E-07	4.30E-07	8.88E-05	0.00E+00	1.61E-05	0.00E+00	4.30E-07	2.44E-04	0.00E+00	0.00E+00	2.44E-04
1310	ALL	654230.1	4187968	NonCancer	0.00E+00	6.03E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.30E-05	0.00E+00	1.50E-05	0.00E+00	4.00E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04
1311	ALL	654250.1	4187968	NonCancer	0.00E+00	5.63E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	7.77E-05	0.00E+00	1.40E-05	0.00E+00	3.73E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
1312	ALL	654270.1	4187968	NonCancer	0.00E+00	5.27E-06	0.00E+00	3.49E-07	3.49E-07	3.49E-07	7.29E-05	0.00E+00	1.31E-05	0.00E+00	3.49E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
1313	ALL	654290.1	4187968	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.28E-07	3.28E-07	3.28E-07	6.86E-05	0.00E+00	1.23E-05	0.00E+00	3.28E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
1314	ALL	654310.1	4187968	NonCancer	0.00E+00	4.65E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.47E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
1315	ALL	654330.1	4187968	NonCancer	0.00E+00	4.38E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.11E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
1316	ALL	654350.1	4187968	NonCancer	0.00E+00	4.14E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	5.79E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
1317	ALL	654370.1	4187968	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.49E-05	0.00E+00	9.73E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
1318	ALL	654390.1	4187968	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.21E-05	0.00E+00	9.22E-06	0.00E+00	2.46E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
1319	ALL	654410.1	4187968	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	4.96E-05	0.00E+00	8.76E-06	0.00E+00	2.34E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
1320	ALL	654430.1	4187968	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.72E-05	0.00E+00	8.33E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1321	ALL	654450.1	4187968	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.50E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1322	ALL	654470.1	4187968	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.30E-05	0.00E+00	7.56E-06	0.00E+00	2.02E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1323	ALL	654490.1	4187968	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.11E-05	0.00E+00	7.22E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
1324	ALL	653690.1	4187988	NonCancer	0.00E+00	2.46E-04	0.00E+00	1.63E-05	1.63E-05	1.63E-05	3.24E-03	0.00E+00	6.10E-04	0.00E+00	1.63E-05	9.08E-03	0.00E+00	0.00E+00	9.08E-03
1325	ALL	653830.1	4187988	NonCancer	0.00E+00	8.59E-05	0.00E+00	5.70E-06	5.70E-06	5.70E-06	9.94E-04	0.00E+00	2.12E-04	0.00E+00	5.70E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1326	ALL	653850.1	4187988	NonCancer	0.00E+00	6.51E-05	0.00E+00	4.32E-06	4.32E-06	4.32E-06	7.71E-04	0.00E+00	1.61E-04	0.00E+00	4.32E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
1327	ALL	653870.1	4187988	NonCancer	0.00E+00	5.10E-05	0.00E+00	3.39E-06	3.39E-06	3.39E-06	6.16E-04	0.00E+00	1.26E-04	0.00E+00	3.39E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1328	ALL	653890.1	4187988	NonCancer	0.00E+00	4.11E-05	0.00E+00	2.73E-06	2.73E-06	2.73E-06	5.05E-04	0.00E+00	1.02E-04	0.00E+00	2.73E-06	1.50E-03	0.00E+00	0.00E+00	1.50E-03
1329	ALL	653910.1	4187988	NonCancer	0.00E+00	3.38E-05	0.00E+00	2.24E-06	2.24E-06	2.24E-06	4.22E-04	0.00E+00	8.36E-05	0.00E+00	2.24E-06	1.24E-03	0.00E+00	0.00E+00	1.24E-03
1330	ALL	653930.1	4187988	NonCancer	0.00E+00	2.83E-05	0.00E+00	1.88E-06	1.88E-06	1.88E-06	3.58E-04	0.00E+00	7.01E-05	0.00E+00	1.88E-06	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1331	ALL	653950.1	4187988	NonCancer	0.00E+00	2.41E-05	0.00E+00	1.60E-06	1.60E-06	1.60E-06	3.08E-04	0.00E+00	5.97E-05	0.00E+00	1.60E-06	8.92E-04	0.00E+00	0.00E+00	8.92E-04
1332	ALL	653970.1	4187988	NonCancer	0.00E+00	2.08E-05	0.00E+00	1.38E-06	1.38E-06	1.38E-06	2.69E-04	0.00E+00	5.16E-05	0.00E+00	1.38E-06	7.72E-04	0.00E+00	0.00E+00	7.72E-04
1333	ALL	653990.1	4187988	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	2.37E-04	0.00E+00	4.50E-05	0.00E+00	1.21E-06	6.75E-04	0.00E+00	0.00E+00	6.75E-04
1334	ALL	654010.1	4187988	NonCancer	0.00E+00	1.60E-05	0.00E+00	1.06E-06	1.06E-06	1.06E-06	2.10E-04	0.00E+00	3.97E-05	0.00E+00	1.06E-06	5.96E-04	0.00E+00	0.00E+00	5.96E-04
1335	ALL	654030.1	4187988	NonCancer	0.00E+00	1.42E-05	0.00E+00	9.44E-07	9.44E-07	9.44E-07	1.88E-04	0.00E+00	3.53E-05	0.00E+00	9.44E-07	5.30E-04	0.00E+00	0.00E+00	5.30E-04
1336	ALL	654050.1	4187988	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.45E-07	8.45E-07	8.45E-07	1.69E-04	0.00E+00	3.16E-05	0.00E+00	8.45E-07	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1337	ALL	654070.1	4187988	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.61E-07	7.61E-07	7.61E-07	1.53E-04	0.00E+00	2.85E-05	0.00E+00	7.61E-07	4.29E-04	0.00E+00	0.00E+00	4.29E-04
1338	ALL	654090.1	4187988	NonCancer	0.00E+00	1.04E-05	0.00E+00	6.90E-07	6.90E-07	6.90E-07	1.40E-04	0.00E+00	2.58E-05	0.00E+00	6.90E-07	3.90E-04	0.00E+00	0.00E+00	3.90E-04
1339	ALL	654110.1	4187988	NonCancer	0.00E+00	9.47E-06	0.00E+00	6.29E-07	6.29E-07	6.29E-07	1.28E-04	0.00E+00	2.35E-05	0.00E+00	6.29E-07	3.55E-04	0.00E+00	0.00E+00	3.55E-04
1340	ALL	654130.1	4187988	NonCancer	0.00E+00	8.67E-06	0.00E+00	5.76E-07	5.76E-07	5.76E-07	1.18E-04	0.00E+00	2.15E-05	0.00E+00	5.76E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
1341	ALL	654150.1	4187988	NonCancer	0.00E+00	7.97E-06	0.00E+00	5.29E-07	5.29E-07	5.29E-07	1.09E-04	0.00E+00	1.98E-05	0.00E+00	5.29E-07	3.00E-04	0.00E+00	0.00E+00	3.00E-04
1342	ALL	654170.1	4187988	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	1.01E-04	0.00E+00	1.83E-05	0.00E+00	4.88E-07	2.77E-04	0.00E+00	0.00E+00	2.77E-04
1343	ALL	654190.1	4187988	NonCancer	0.00E+00	6.82E-06	0.00E+00	4.52E-07	4.52E-07	4.52E-07	9.35E-05	0.00E+00	1.69E-05	0.00E+00	4.52E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
1344	ALL	654210.1	4187988	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	8.72E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
1345	ALL	654230.1	4187988	NonCancer	0.00E+00	5.91E-06	0.00E+00	3.92E-07	3.92E-07	3.92E-07	8.15E-05	0.00E+00	1.47E-05	0.00E+00	3.92E-07	2.23E-04	0.00E+00	0.00E+00	2.23E-04
1346	ALL	654250.1	4187988	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	7.64E-05	0.00E+00	1.37E-05	0.00E+00	3.66E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1347	ALL	654270.1	4187988	NonCancer	0.00E+00	5.17E-06	0.00E+00	3.43E-07	3.43E-07	3.43E-07	7.17E-05	0.00E+00	1.28E-05	0.00E+00	3.43E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1348	ALL	654290.1	4187988	NonCancer	0.00E+00	4.86E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.75E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1349	ALL	654310.1	4187988	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.37E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04

1350	ALL	654330.1	4187988	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	6.02E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1351	ALL	654350.1	4187988	NonCancer	0.00E+00	4.08E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.71E-05	0.00E+00	1.01E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1352	ALL	654370.1	4187988	NonCancer	0.00E+00	3.86E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	5.41E-05	0.00E+00	9.59E-06	0.00E+00	2.56E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1353	ALL	654390.1	4187988	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.14E-05	0.00E+00	9.10E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1354	ALL	654410.1	4187988	NonCancer	0.00E+00	3.48E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.89E-05	0.00E+00	8.65E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1355	ALL	654430.1	4187988	NonCancer	0.00E+00	3.31E-06	0.00E+00	2.20E-07	2.20E-07	2.20E-07	4.66E-05	0.00E+00	8.23E-06	0.00E+00	2.20E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1356	ALL	654450.1	4187988	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.45E-05	0.00E+00	7.84E-06	0.00E+00	2.09E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1357	ALL	654470.1	4187988	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.25E-05	0.00E+00	7.48E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
1358	ALL	654490.1	4187988	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.07E-05	0.00E+00	7.14E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
1359	ALL	653655.1	4187975	NonCancer	0.00E+00	1.16E-04	0.00E+00	7.69E-06	7.69E-06	7.69E-06	2.21E-03	0.00E+00	2.92E-04	0.00E+00	7.69E-06	4.82E-03	0.00E+00	0.00E+00	4.82E-03
1360	ALL	653791.2	4188025	NonCancer	0.00E+00	6.03E-05	0.00E+00	4.00E-06	4.00E-06	4.00E-06	9.04E-04	0.00E+00	1.50E-04	0.00E+00	4.00E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
1361	ALL	653828	4188054	NonCancer	0.00E+00	2.81E-05	0.00E+00	1.87E-06	1.87E-06	1.87E-06	4.27E-04	0.00E+00	7.01E-05	0.00E+00	1.87E-06	1.09E-03	0.00E+00	0.00E+00	1.09E-03
1362	ALL	653851.7	4188037	NonCancer	0.00E+00	3.10E-05	0.00E+00	2.06E-06	2.06E-06	2.06E-06	4.61E-04	0.00E+00	7.73E-05	0.00E+00	2.06E-06	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1363	ALL	653905.3	4188036	NonCancer	0.00E+00	2.27E-05	0.00E+00	1.51E-06	1.51E-06	1.51E-06	3.24E-04	0.00E+00	5.65E-05	0.00E+00	1.51E-06	8.66E-04	0.00E+00	0.00E+00	8.66E-04
1364	ALL	653749.8	4188104	NonCancer	0.00E+00	2.06E-05	0.00E+00	1.37E-06	1.37E-06	1.37E-06	3.26E-04	0.00E+00	5.15E-05	0.00E+00	1.37E-06	8.09E-04	0.00E+00	0.00E+00	8.09E-04
1365	ALL	653938.3	4188030	NonCancer	0.00E+00	1.97E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	2.75E-04	0.00E+00	4.90E-05	0.00E+00	1.31E-06	7.47E-04	0.00E+00	0.00E+00	7.47E-04
1366	ALL	653988.6	4188028	NonCancer	0.00E+00	1.50E-05	0.00E+00	9.96E-07	9.96E-07	9.96E-07	2.08E-04	0.00E+00	3.73E-05	0.00E+00	9.96E-07	5.67E-04	0.00E+00	0.00E+00	5.67E-04
1367	ALL	654041.4	4188038	NonCancer	0.00E+00	1.09E-05	0.00E+00	7.24E-07	7.24E-07	7.24E-07	1.53E-04	0.00E+00	2.71E-05	0.00E+00	7.24E-07	4.14E-04	0.00E+00	0.00E+00	4.14E-04
1368	ALL	653989.9	4188052	NonCancer	0.00E+00	1.28E-05	0.00E+00	8.47E-07	8.47E-07	8.47E-07	1.83E-04	0.00E+00	3.18E-05	0.00E+00	8.47E-07	4.87E-04	0.00E+00	0.00E+00	4.87E-04
1369	ALL	653634	4187869	NonCancer	0.00E+00	2.93E-05	0.00E+00	1.95E-06	1.95E-06	1.95E-06	4.57E-04	0.00E+00	7.32E-05	0.00E+00	1.95E-06	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1370	ALL	653624.7	4187963	NonCancer	0.00E+00	6.42E-05	0.00E+00	4.26E-06	4.26E-06	4.26E-06	1.11E-03	0.00E+00	1.61E-04	0.00E+00	4.26E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
1371	ALL	653582.9	4187962	NonCancer	0.00E+00	3.68E-05	0.00E+00	2.44E-06	2.44E-06	2.44E-06	6.26E-04	0.00E+00	9.22E-05	0.00E+00	2.44E-06	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1372	ALL	653701.2	4188101	NonCancer	0.00E+00	2.44E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.93E-04	0.00E+00	6.10E-05	0.00E+00	1.62E-06	9.64E-04	0.00E+00	0.00E+00	9.64E-04
1373	ALL	654582.9	4187495	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.00E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.08E-05	0.00E+00	0.00E+00	8.08E-05
1374	ALL	654554.3	4187451	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	2.99E-05	0.00E+00	5.27E-06	0.00E+00	1.41E-07	8.05E-05	0.00E+00	0.00E+00	8.05E-05
1375	ALL	654607.7	4187450	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.77E-05	0.00E+00	4.88E-06	0.00E+00	1.30E-07	7.46E-05	0.00E+00	0.00E+00	7.46E-05
1376	ALL	654492.6	4186914	NonCancer	0.00E+00	9.93E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.46E-05	0.00E+00	2.47E-06	0.00E+00	6.59E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
1377	ALL	654507.1	4186911	NonCancer	0.00E+00	9.85E-07	0.00E+00	6.53E-08	6.53E-08	6.53E-08	1.45E-05	0.00E+00	2.45E-06	0.00E+00	6.53E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
1378	ALL	654509.1	4186964	NonCancer	0.00E+00	1.07E-06	0.00E+00	7.10E-08	7.10E-08	7.10E-08	1.56E-05	0.00E+00	2.66E-06	0.00E+00	7.10E-08	4.10E-05	0.00E+00	0.00E+00	4.10E-05
1379	ALL	653809.3	4186920	NonCancer	0.00E+00	1.05E-06	0.00E+00	6.96E-08	6.96E-08	6.96E-08	1.58E-05	0.00E+00	2.62E-06	0.00E+00	6.96E-08	4.06E-05	0.00E+00	0.00E+00	4.06E-05
1380	ALL	654342.3	4186819	NonCancer	0.00E+00	9.79E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.41E-05	0.00E+00	2.44E-06	0.00E+00	6.49E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
1381	ALL	655092.5	4187198	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.35E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.59E-05	0.00E+00	0.00E+00	3.59E-05
1382	ALL	654238.7	4186303	NonCancer	0.00E+00	5.39E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	8.00E-06	0.00E+00	1.34E-06	0.00E+00	3.58E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1383	ALL	655153.1	4188271	NonCancer	0.00E+00	8.17E-07	0.00E+00	5.42E-08	5.42E-08	5.42E-08	1.21E-05	0.00E+00	2.04E-06	0.00E+00	5.42E-08	3.15E-05	0.00E+00	0.00E+00	3.15E-05
1384	ALL	653689.1	4188009	NonCancer	0.00E+00	1.61E-04	0.00E+00	1.06E-05	1.06E-05	1.06E-05	3.56E-03	0.00E+00	4.08E-04	0.00E+00	1.06E-05	7.03E-03	0.00E+00	0.00E+00	7.03E-03
1385	ALL	653683.7	4188032	NonCancer	0.00E+00	8.84E-05	0.00E+00	5.86E-06	5.86E-06	5.86E-06	1.72E-03	0.00E+00	2.23E-04	0.00E+00	5.86E-06	3.70E-03	0.00E+00	0.00E+00	3.70E-03
1386	ALL	653706.1	4188038	NonCancer	0.00E+00	7.61E-05	0.00E+00	5.05E-06	5.05E-06	5.05E-06	1.24E-03	0.00E+00	1.90E-04	0.00E+00	5.05E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1387	ALL	653679.4	4188057	NonCancer	0.00E+00	5.36E-05	0.00E+00	3.55E-06	3.55E-06	3.55E-06	9.43E-04	0.00E+00	1.34E-04	0.00E+00	3.55E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
1388	ALL	653658.8	4188047	NonCancer	0.00E+00	5.87E-05	0.00E+00	3.89E-06	3.89E-06	3.89E-06	1.19E-03	0.00E+00	1.49E-04	0.00E+00	3.89E-06	2.50E-03	0.00E+00	0.00E+00	2.50E-03
1389	ALL	653703	4188063	NonCancer	0.00E+00	4.48E-05	0.00E+00	2.97E-06	2.97E-06	2.97E-06	7.28E-04	0.00E+00	1.12E-04	0.00E+00	2.97E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1390	ALL	653675.6	4188081	NonCancer	0.00E+00	3.53E-05	0.00E+00	2.34E-06	2.34E-06	2.34E-06	5.90E-04	0.00E+00	8.83E-05	0.00E+00	2.34E-06	1.41E-03	0.00E+00	0.00E+00	1.41E-03
1391	ALL	653653.7	4188071	NonCancer	0.00E+00	4.06E-05	0.00E+00	2.69E-06	2.69E-06	2.69E-06	7.49E-04	0.00E+00	1.02E-04	0.00E+00	2.69E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
1392	ALL	653699.9	4188088	NonCancer	0.00E+00	2.96E-05	0.00E+00	1.96E-06	1.96E-06	1.96E-06	4.78E-04	0.00E+00	7.41E-05	0.00E+00	1.96E-06	1.17E-03	0.00E+00	0.00E+00	1.17E-03
1393	ALL	653668.6	4188130	NonCancer	0.00E+00	1.85E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.96E-04	0.00E+00	4.61E-05	0.00E+00	1.22E-06	7.27E-04	0.00E+00	0.00E+00	7.27E-04
1394	ALL	653645.1	4188120	NonCancer	0.00E+00	2.16E-05	0.00E+00	1.43E-06	1.43E-06	1.43E-06	3.61E-04	0.00E+00	5.40E-05	0.00E+00	1.43E-06	8.62E-04	0.00E+00	0.00E+00	8.62E-04
1395	ALL	653621.6	4188109	NonCancer	0.00E+00	2.38E-05	0.00E+00	1.58E-06	1.58E-06	1.58E-06	4.18E-04	0.00E+00	5.96E-05	0.00E+00	1.58E-06	9.63E-04	0.00E+00	0.00E+00	9.63E-04
1396	ALL	653693.7	4188138	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.06E-06	1.06E-06	1.06E-06	2.54E-04	0.00E+00	3.97E-05	0.00E+00	1.06E-06	6.26E-04	0.00E+00	0.00E+00	6.26E-04
1397	ALL	653663.2	4188180	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.49E-07	7.49E-07	7.49E-07	1.78E-04	0.00E+00	2.82E-05	0.00E+00	7.49E-07	4.43E-04	0.00E+00	0.00E+00	4.43E-04
1398	ALL	653641.3	4188170	NonCancer	0.00E+00	1.29E-05	0.00E+00	8.55E-07	8.55E-07	8.55E-07	2.06E-04	0.00E+00	3.22E-05	0.00E+00	8.55E-07	5.08E-04	0.00E+00	0.00E+00	5.08E-04
1399	ALL	653619.3	4188160	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.53E-07	9.53E-07	9.53E-07	2.36E-04	0.00E+00	3.59E-05	0.00E+00	9.53E-07	5.71E-04	0.00E+00	0.00E+00	5.71E-04

1400	ALL	653597.4	4188150	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.62E-04	0.00E+00	3.89E-05	0.00E+00	1.03E-06	6.22E-04	0.00E+00	0.00E+00	6.22E-04
1401	ALL	653575.4	4188140	NonCancer	0.00E+00	1.60E-05	0.00E+00	1.06E-06	1.06E-06	1.06E-06	2.75E-04	0.00E+00	4.01E-05	0.00E+00	1.06E-06	6.43E-04	0.00E+00	0.00E+00	6.43E-04
1402	ALL	653687.5	4188187	NonCancer	0.00E+00	1.00E-05	0.00E+00	6.66E-07	6.66E-07	6.66E-07	1.60E-04	0.00E+00	2.51E-05	0.00E+00	6.66E-07	3.95E-04	0.00E+00	0.00E+00	3.95E-04
1403	ALL	653656.5	4188230	NonCancer	0.00E+00	7.71E-06	0.00E+00	5.11E-07	5.11E-07	5.11E-07	1.21E-04	0.00E+00	1.92E-05	0.00E+00	5.11E-07	3.02E-04	0.00E+00	0.00E+00	3.02E-04
1404	ALL	653633.7	4188219	NonCancer	0.00E+00	8.71E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.37E-04	0.00E+00	2.17E-05	0.00E+00	5.78E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04
1405	ALL	653610.8	4188209	NonCancer	0.00E+00	9.68E-06	0.00E+00	6.42E-07	6.42E-07	6.42E-07	1.55E-04	0.00E+00	2.42E-05	0.00E+00	6.42E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1406	ALL	653587.9	4188198	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.98E-07	6.98E-07	6.98E-07	1.72E-04	0.00E+00	2.63E-05	0.00E+00	6.98E-07	4.17E-04	0.00E+00	0.00E+00	4.17E-04
1407	ALL	653565.1	4188188	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.44E-07	7.44E-07	7.44E-07	1.85E-04	0.00E+00	2.81E-05	0.00E+00	7.44E-07	4.46E-04	0.00E+00	0.00E+00	4.46E-04
1408	ALL	653542.2	4188177	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.62E-07	7.62E-07	7.62E-07	1.92E-04	0.00E+00	2.88E-05	0.00E+00	7.62E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
1409	ALL	653681.2	4188237	NonCancer	0.00E+00	6.99E-06	0.00E+00	4.64E-07	4.64E-07	4.64E-07	1.11E-04	0.00E+00	1.75E-05	0.00E+00	4.64E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
1410	ALL	653650	4188279	NonCancer	0.00E+00	5.63E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	8.80E-05	0.00E+00	1.41E-05	0.00E+00	3.73E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
1411	ALL	653626.5	4188268	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	9.79E-05	0.00E+00	1.57E-05	0.00E+00	4.17E-07	2.46E-04	0.00E+00	0.00E+00	2.46E-04
1412	ALL	653603	4188258	NonCancer	0.00E+00	6.95E-06	0.00E+00	4.61E-07	4.61E-07	4.61E-07	1.09E-04	0.00E+00	1.74E-05	0.00E+00	4.61E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1413	ALL	653579.4	4188247	NonCancer	0.00E+00	7.56E-06	0.00E+00	5.01E-07	5.01E-07	5.01E-07	1.21E-04	0.00E+00	1.89E-05	0.00E+00	5.01E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1414	ALL	653555.9	4188236	NonCancer	0.00E+00	8.10E-06	0.00E+00	5.37E-07	5.37E-07	5.37E-07	1.31E-04	0.00E+00	2.03E-05	0.00E+00	5.37E-07	3.20E-04	0.00E+00	0.00E+00	3.20E-04
1415	ALL	653532.4	4188225	NonCancer	0.00E+00	8.55E-06	0.00E+00	5.67E-07	5.67E-07	5.67E-07	1.39E-04	0.00E+00	2.14E-05	0.00E+00	5.67E-07	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1416	ALL	653508.9	4188214	NonCancer	0.00E+00	8.72E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.43E-04	0.00E+00	2.18E-05	0.00E+00	5.78E-07	3.46E-04	0.00E+00	0.00E+00	3.46E-04
1417	ALL	653675	4188286	NonCancer	0.00E+00	5.18E-06	0.00E+00	3.44E-07	3.44E-07	3.44E-07	8.17E-05	0.00E+00	1.29E-05	0.00E+00	3.44E-07	2.03E-04	0.00E+00	0.00E+00	2.03E-04
1418	ALL	653643.6	4188329	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	6.72E-05	0.00E+00	1.08E-05	0.00E+00	2.86E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
1419	ALL	653619.5	4188318	NonCancer	0.00E+00	4.76E-06	0.00E+00	3.16E-07	3.16E-07	3.16E-07	7.38E-05	0.00E+00	1.19E-05	0.00E+00	3.16E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
1420	ALL	653595.5	4188307	NonCancer	0.00E+00	5.24E-06	0.00E+00	3.47E-07	3.47E-07	3.47E-07	8.14E-05	0.00E+00	1.31E-05	0.00E+00	3.47E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
1421	ALL	653571.5	4188296	NonCancer	0.00E+00	5.69E-06	0.00E+00	3.77E-07	3.77E-07	3.77E-07	8.93E-05	0.00E+00	1.42E-05	0.00E+00	3.77E-07	2.23E-04	0.00E+00	0.00E+00	2.23E-04
1422	ALL	653547.5	4188285	NonCancer	0.00E+00	6.09E-06	0.00E+00	4.04E-07	4.04E-07	4.04E-07	9.69E-05	0.00E+00	1.52E-05	0.00E+00	4.04E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
1423	ALL	653523.5	4188274	NonCancer	0.00E+00	6.46E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	1.04E-04	0.00E+00	1.61E-05	0.00E+00	4.28E-07	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1424	ALL	653499.5	4188262	NonCancer	0.00E+00	6.76E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	1.09E-04	0.00E+00	1.69E-05	0.00E+00	4.48E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
1425	ALL	653475.5	4188251	NonCancer	0.00E+00	6.88E-06	0.00E+00	4.56E-07	4.56E-07	4.56E-07	1.11E-04	0.00E+00	1.72E-05	0.00E+00	4.56E-07	2.71E-04	0.00E+00	0.00E+00	2.71E-04
1426	ALL	653668.8	4188336	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	6.31E-05	0.00E+00	1.00E-05	0.00E+00	2.67E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
1427	ALL	653631.4	4188428	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.33E-05	0.00E+00	6.96E-06	0.00E+00	1.85E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
1428	ALL	653607.9	4188417	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.64E-05	0.00E+00	7.51E-06	0.00E+00	2.00E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
1429	ALL	653584.3	4188406	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	5.00E-05	0.00E+00	8.11E-06	0.00E+00	2.16E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1430	ALL	653560.8	4188396	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	5.40E-05	0.00E+00	8.74E-06	0.00E+00	2.32E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
1431	ALL	653537.3	4188385	NonCancer	0.00E+00	3.75E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.80E-05	0.00E+00	9.34E-06	0.00E+00	2.48E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1432	ALL	653513.8	4188374	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	6.19E-05	0.00E+00	9.88E-06	0.00E+00	2.63E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1433	ALL	653490.3	4188363	NonCancer	0.00E+00	4.16E-06	0.00E+00	2.76E-07	2.76E-07	2.76E-07	6.54E-05	0.00E+00	1.04E-05	0.00E+00	2.76E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1434	ALL	653466.7	4188352	NonCancer	0.00E+00	4.35E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	6.87E-05	0.00E+00	1.09E-05	0.00E+00	2.88E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
1435	ALL	653443.2	4188341	NonCancer	0.00E+00	4.52E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	7.14E-05	0.00E+00	1.13E-05	0.00E+00	3.00E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
1436	ALL	653419.7	4188331	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	7.30E-05	0.00E+00	1.16E-05	0.00E+00	3.07E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1437	ALL	653656.4	4188435	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	4.14E-05	0.00E+00	6.62E-06	0.00E+00	1.76E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
1438	ALL	653618.6	4188527	NonCancer	0.00E+00	1.98E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	3.07E-05	0.00E+00	4.93E-06	0.00E+00	1.31E-07	7.72E-05	0.00E+00	0.00E+00	7.72E-05
1439	ALL	653594.5	4188516	NonCancer	0.00E+00	2.10E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.24E-05	0.00E+00	5.25E-06	0.00E+00	1.40E-07	8.20E-05	0.00E+00	0.00E+00	8.20E-05
1440	ALL	653570.3	4188505	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.45E-05	0.00E+00	5.61E-06	0.00E+00	1.49E-07	8.76E-05	0.00E+00	0.00E+00	8.76E-05
1441	ALL	653546.2	4188494	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.68E-05	0.00E+00	5.99E-06	0.00E+00	1.59E-07	9.35E-05	0.00E+00	0.00E+00	9.35E-05
1442	ALL	653522	4188483	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.92E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.95E-05	0.00E+00	0.00E+00	9.95E-05
1443	ALL	653497.9	4188472	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	4.17E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
1444	ALL	653473.8	4188460	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.40E-05	0.00E+00	7.09E-06	0.00E+00	1.88E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
1445	ALL	653449.6	4188449	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.61E-05	0.00E+00	7.39E-06	0.00E+00	1.96E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1446	ALL	653425.5	4188438	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.82E-05	0.00E+00	7.69E-06	0.00E+00	2.04E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1447	ALL	653401.3	4188427	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	5.01E-05	0.00E+00	7.99E-06	0.00E+00	2.12E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
1448	ALL	653377.2	4188416	NonCancer	0.00E+00	3.31E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	5.15E-05	0.00E+00	8.25E-06	0.00E+00	2.19E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
1449	ALL	653353	4188405	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	5.24E-05	0.00E+00	8.41E-06	0.00E+00	2.23E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04

1450	ALL	653644	4188534	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.96E-05	0.00E+00	4.75E-06	0.00E+00	1.26E-07	7.43E-05	0.00E+00	0.00E+00	7.43E-05
1451	ALL	653606.4	4188626	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.85E-08	9.85E-08	9.85E-08	2.31E-05	0.00E+00	3.71E-06	0.00E+00	9.85E-08	5.80E-05	0.00E+00	0.00E+00	5.80E-05
1452	ALL	653582.6	4188616	NonCancer	0.00E+00	1.56E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.41E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	6.09E-05	0.00E+00	0.00E+00	6.09E-05
1453	ALL	653558.8	4188605	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.53E-05	0.00E+00	4.12E-06	0.00E+00	1.10E-07	6.43E-05	0.00E+00	0.00E+00	6.43E-05
1454	ALL	653535.1	4188594	NonCancer	0.00E+00	1.75E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.67E-05	0.00E+00	4.36E-06	0.00E+00	1.16E-07	6.80E-05	0.00E+00	0.00E+00	6.80E-05
1455	ALL	653511.3	4188583	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.82E-05	0.00E+00	4.60E-06	0.00E+00	1.22E-07	7.18E-05	0.00E+00	0.00E+00	7.18E-05
1456	ALL	653487.5	4188572	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.98E-05	0.00E+00	4.86E-06	0.00E+00	1.29E-07	7.57E-05	0.00E+00	0.00E+00	7.57E-05
1457	ALL	653463.7	4188561	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.13E-05	0.00E+00	5.10E-06	0.00E+00	1.36E-07	7.95E-05	0.00E+00	0.00E+00	7.95E-05
1458	ALL	653439.9	4188550	NonCancer	0.00E+00	2.14E-06	0.00E+00	1.42E-07	1.42E-07	1.42E-07	3.28E-05	0.00E+00	5.33E-06	0.00E+00	1.42E-07	8.31E-05	0.00E+00	0.00E+00	8.31E-05
1459	ALL	653416.1	4188539	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.42E-05	0.00E+00	5.52E-06	0.00E+00	1.47E-07	8.63E-05	0.00E+00	0.00E+00	8.63E-05
1460	ALL	653392.4	4188528	NonCancer	0.00E+00	2.29E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.55E-05	0.00E+00	5.71E-06	0.00E+00	1.52E-07	8.93E-05	0.00E+00	0.00E+00	8.93E-05
1461	ALL	653368.6	4188517	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.68E-05	0.00E+00	5.90E-06	0.00E+00	1.57E-07	9.24E-05	0.00E+00	0.00E+00	9.24E-05
1462	ALL	653344.8	4188506	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.80E-05	0.00E+00	6.10E-06	0.00E+00	1.62E-07	9.54E-05	0.00E+00	0.00E+00	9.54E-05
1463	ALL	653321	4188495	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.90E-05	0.00E+00	6.28E-06	0.00E+00	1.67E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
1464	ALL	653297.2	4188484	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.97E-05	0.00E+00	6.41E-06	0.00E+00	1.70E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
1465	ALL	653273.5	4188473	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	4.00E-05	0.00E+00	6.46E-06	0.00E+00	1.72E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
1466	ALL	653631.6	4188634	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.57E-08	9.57E-08	9.57E-08	2.24E-05	0.00E+00	3.60E-06	0.00E+00	9.57E-08	5.64E-05	0.00E+00	0.00E+00	5.64E-05
1467	ALL	653593.8	4188726	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.73E-08	7.73E-08	7.73E-08	1.81E-05	0.00E+00	2.91E-06	0.00E+00	7.73E-08	4.56E-05	0.00E+00	0.00E+00	4.56E-05
1468	ALL	653569.6	4188714	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.07E-08	8.07E-08	8.07E-08	1.88E-05	0.00E+00	3.04E-06	0.00E+00	8.07E-08	4.75E-05	0.00E+00	0.00E+00	4.75E-05
1469	ALL	653545.3	4188703	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.49E-08	8.49E-08	8.49E-08	1.96E-05	0.00E+00	3.19E-06	0.00E+00	8.49E-08	4.98E-05	0.00E+00	0.00E+00	4.98E-05
1470	ALL	653521.1	4188692	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.93E-08	8.93E-08	8.93E-08	2.06E-05	0.00E+00	3.36E-06	0.00E+00	8.93E-08	5.23E-05	0.00E+00	0.00E+00	5.23E-05
1471	ALL	653496.9	4188681	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.38E-08	9.38E-08	9.38E-08	2.16E-05	0.00E+00	3.53E-06	0.00E+00	9.38E-08	5.49E-05	0.00E+00	0.00E+00	5.49E-05
1472	ALL	653472.7	4188670	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.83E-08	9.83E-08	9.83E-08	2.26E-05	0.00E+00	3.70E-06	0.00E+00	9.83E-08	5.76E-05	0.00E+00	0.00E+00	5.76E-05
1473	ALL	653448.5	4188659	NonCancer	0.00E+00	1.55E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.37E-05	0.00E+00	3.88E-06	0.00E+00	1.03E-07	6.04E-05	0.00E+00	0.00E+00	6.04E-05
1474	ALL	653424.3	4188648	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.48E-05	0.00E+00	4.05E-06	0.00E+00	1.08E-07	6.31E-05	0.00E+00	0.00E+00	6.31E-05
1475	ALL	653400.1	4188636	NonCancer	0.00E+00	1.69E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.58E-05	0.00E+00	4.21E-06	0.00E+00	1.12E-07	6.56E-05	0.00E+00	0.00E+00	6.56E-05
1476	ALL	653375.9	4188625	NonCancer	0.00E+00	1.74E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.68E-05	0.00E+00	4.35E-06	0.00E+00	1.16E-07	6.78E-05	0.00E+00	0.00E+00	6.78E-05
1477	ALL	653351.6	4188614	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.77E-05	0.00E+00	4.47E-06	0.00E+00	1.19E-07	6.99E-05	0.00E+00	0.00E+00	6.99E-05
1478	ALL	653327.4	4188603	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.86E-05	0.00E+00	4.61E-06	0.00E+00	1.22E-07	7.21E-05	0.00E+00	0.00E+00	7.21E-05
1479	ALL	653303.2	4188592	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.95E-05	0.00E+00	4.75E-06	0.00E+00	1.26E-07	7.43E-05	0.00E+00	0.00E+00	7.43E-05
1480	ALL	653279	4188581	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	3.03E-05	0.00E+00	4.89E-06	0.00E+00	1.30E-07	7.64E-05	0.00E+00	0.00E+00	7.64E-05
1481	ALL	653254.8	4188570	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.10E-05	0.00E+00	5.01E-06	0.00E+00	1.33E-07	7.83E-05	0.00E+00	0.00E+00	7.83E-05
1482	ALL	653230.6	4188558	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.14E-05	0.00E+00	5.10E-06	0.00E+00	1.36E-07	7.96E-05	0.00E+00	0.00E+00	7.96E-05
1483	ALL	653206.4	4188547	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.16E-05	0.00E+00	5.14E-06	0.00E+00	1.37E-07	8.01E-05	0.00E+00	0.00E+00	8.01E-05
1484	ALL	653619.1	4188733	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.56E-08	7.56E-08	7.56E-08	1.77E-05	0.00E+00	2.84E-06	0.00E+00	7.56E-08	4.45E-05	0.00E+00	0.00E+00	4.45E-05
1485	ALL	653581.5	4188825	NonCancer	0.00E+00	9.44E-07	0.00E+00	6.26E-08	6.26E-08	6.26E-08	1.46E-05	0.00E+00	2.36E-06	0.00E+00	6.26E-08	3.69E-05	0.00E+00	0.00E+00	3.69E-05
1486	ALL	653557.6	4188814	NonCancer	0.00E+00	9.78E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.51E-05	0.00E+00	2.44E-06	0.00E+00	6.49E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
1487	ALL	653533.6	4188803	NonCancer	0.00E+00	1.02E-06	0.00E+00	6.77E-08	6.77E-08	6.77E-08	1.57E-05	0.00E+00	2.55E-06	0.00E+00	6.77E-08	3.98E-05	0.00E+00	0.00E+00	3.98E-05
1488	ALL	653509.7	4188792	NonCancer	0.00E+00	1.07E-06	0.00E+00	7.09E-08	7.09E-08	7.09E-08	1.63E-05	0.00E+00	2.67E-06	0.00E+00	7.09E-08	4.15E-05	0.00E+00	0.00E+00	4.15E-05
1489	ALL	653485.8	4188781	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.41E-08	7.41E-08	7.41E-08	1.70E-05	0.00E+00	2.78E-06	0.00E+00	7.41E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05
1490	ALL	653461.9	4188770	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.72E-08	7.72E-08	7.72E-08	1.78E-05	0.00E+00	2.90E-06	0.00E+00	7.72E-08	4.52E-05	0.00E+00	0.00E+00	4.52E-05
1491	ALL	653438	4188759	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.05E-08	8.05E-08	8.05E-08	1.85E-05	0.00E+00	3.02E-06	0.00E+00	8.05E-08	4.71E-05	0.00E+00	0.00E+00	4.71E-05
1492	ALL	653414	4188748	NonCancer	0.00E+00	1.27E-06	0.00E+00	8.39E-08	8.39E-08	8.39E-08	1.93E-05	0.00E+00	3.15E-06	0.00E+00	8.39E-08	4.91E-05	0.00E+00	0.00E+00	4.91E-05
1493	ALL	653390.1	4188737	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.74E-08	8.74E-08	8.74E-08	2.01E-05	0.00E+00	3.28E-06	0.00E+00	8.74E-08	5.11E-05	0.00E+00	0.00E+00	5.11E-05
1494	ALL	653366.2	4188726	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.05E-08	9.05E-08	9.05E-08	2.08E-05	0.00E+00	3.40E-06	0.00E+00	9.05E-08	5.30E-05	0.00E+00	0.00E+00	5.30E-05
1495	ALL	653342.3	4188715	NonCancer	0.00E+00	1.40E-06	0.00E+00	9.32E-08	9.32E-08	9.32E-08	2.15E-05	0.00E+00	3.50E-06	0.00E+00	9.32E-08	5.46E-05	0.00E+00	0.00E+00	5.46E-05
1496	ALL	653318.3	4188704	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.55E-08	9.55E-08	9.55E-08	2.21E-05	0.00E+00	3.59E-06	0.00E+00	9.55E-08	5.61E-05	0.00E+00	0.00E+00	5.61E-05
1497	ALL	653294.4	4188693	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.79E-08	9.79E-08	9.79E-08	2.28E-05	0.00E+00	3.68E-06	0.00E+00	9.79E-08	5.75E-05	0.00E+00	0.00E+00	5.75E-05
1498	ALL	653270.5	4188682	NonCancer	0.00E+00	1.51E-06	0.00E+00	1.00E-07	1.00E-07	1.00E-07	2.34E-05	0.00E+00	3.78E-06	0.00E+00	1.00E-07	5.91E-05	0.00E+00	0.00E+00	5.91E-05
1499	ALL	653246.6	4188671	NonCancer	0.00E+00	1.55E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.40E-05	0.00E+00	3.88E-06	0.00E+00	1.03E-07	6.06E-05	0.00E+00	0.00E+00	6.06E-05

1500	ALL	653222.6	4188660	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.46E-05	0.00E+00	3.98E-06	0.00E+00	1.06E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
1501	ALL	653198.7	4188649	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.51E-05	0.00E+00	4.08E-06	0.00E+00	1.08E-07	6.36E-05	0.00E+00	0.00E+00	6.36E-05
1502	ALL	653174.8	4188638	NonCancer	0.00E+00	1.67E-06	0.00E+00	1.11E-07	1.11E-07	1.11E-07	2.55E-05	0.00E+00	4.15E-06	0.00E+00	1.11E-07	6.47E-05	0.00E+00	0.00E+00	6.47E-05
1503	ALL	653150.9	4188627	NonCancer	0.00E+00	1.68E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.57E-05	0.00E+00	4.20E-06	0.00E+00	1.12E-07	6.54E-05	0.00E+00	0.00E+00	6.54E-05
1504	ALL	653606.7	4188832	NonCancer	0.00E+00	9.27E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.44E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.62E-05	0.00E+00	0.00E+00	3.62E-05
1505	ALL	653550.3	4189073	NonCancer	0.00E+00	6.13E-07	0.00E+00	4.06E-08	4.06E-08	4.06E-08	9.50E-06	0.00E+00	1.53E-06	0.00E+00	4.06E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
1506	ALL	653526.2	4189062	NonCancer	0.00E+00	6.27E-07	0.00E+00	4.16E-08	4.16E-08	4.16E-08	9.71E-06	0.00E+00	1.57E-06	0.00E+00	4.16E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
1507	ALL	653502	4189051	NonCancer	0.00E+00	6.48E-07	0.00E+00	4.30E-08	4.30E-08	4.30E-08	9.97E-06	0.00E+00	1.62E-06	0.00E+00	4.30E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
1508	ALL	653477.9	4189040	NonCancer	0.00E+00	6.72E-07	0.00E+00	4.45E-08	4.45E-08	4.45E-08	1.03E-05	0.00E+00	1.67E-06	0.00E+00	4.45E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
1509	ALL	653453.7	4189028	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.06E-05	0.00E+00	1.74E-06	0.00E+00	4.62E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
1510	ALL	653429.6	4189017	NonCancer	0.00E+00	7.22E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.10E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
1511	ALL	653405.4	4189006	NonCancer	0.00E+00	7.45E-07	0.00E+00	4.94E-08	4.94E-08	4.94E-08	1.13E-05	0.00E+00	1.86E-06	0.00E+00	4.94E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
1512	ALL	653381.3	4188995	NonCancer	0.00E+00	7.69E-07	0.00E+00	5.10E-08	5.10E-08	5.10E-08	1.17E-05	0.00E+00	1.92E-06	0.00E+00	5.10E-08	2.99E-05	0.00E+00	0.00E+00	2.99E-05
1513	ALL	653357.1	4188984	NonCancer	0.00E+00	7.93E-07	0.00E+00	5.26E-08	5.26E-08	5.26E-08	1.21E-05	0.00E+00	1.98E-06	0.00E+00	5.26E-08	3.08E-05	0.00E+00	0.00E+00	3.08E-05
1514	ALL	653333	4188973	NonCancer	0.00E+00	8.20E-07	0.00E+00	5.44E-08	5.44E-08	5.44E-08	1.25E-05	0.00E+00	2.05E-06	0.00E+00	5.44E-08	3.19E-05	0.00E+00	0.00E+00	3.19E-05
1515	ALL	653308.8	4188962	NonCancer	0.00E+00	8.49E-07	0.00E+00	5.63E-08	5.63E-08	5.63E-08	1.29E-05	0.00E+00	2.12E-06	0.00E+00	5.63E-08	3.29E-05	0.00E+00	0.00E+00	3.29E-05
1516	ALL	653284.7	4188951	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.33E-05	0.00E+00	2.18E-06	0.00E+00	5.81E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
1517	ALL	653260.5	4188940	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.97E-08	5.97E-08	5.97E-08	1.37E-05	0.00E+00	2.25E-06	0.00E+00	5.97E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
1518	ALL	653236.4	4188928	NonCancer	0.00E+00	9.21E-07	0.00E+00	6.11E-08	6.11E-08	6.11E-08	1.40E-05	0.00E+00	2.30E-06	0.00E+00	6.11E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
1519	ALL	653212.2	4188917	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.43E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
1520	ALL	653188.1	4188906	NonCancer	0.00E+00	9.56E-07	0.00E+00	6.34E-08	6.34E-08	6.34E-08	1.47E-05	0.00E+00	2.38E-06	0.00E+00	6.34E-08	3.72E-05	0.00E+00	0.00E+00	3.72E-05
1521	ALL	653164	4188895	NonCancer	0.00E+00	9.73E-07	0.00E+00	6.46E-08	6.46E-08	6.46E-08	1.50E-05	0.00E+00	2.43E-06	0.00E+00	6.46E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
1522	ALL	653139.8	4188884	NonCancer	0.00E+00	9.93E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.53E-05	0.00E+00	2.48E-06	0.00E+00	6.59E-08	3.87E-05	0.00E+00	0.00E+00	3.87E-05
1523	ALL	653115.7	4188873	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.73E-08	6.73E-08	6.73E-08	1.56E-05	0.00E+00	2.53E-06	0.00E+00	6.73E-08	3.95E-05	0.00E+00	0.00E+00	3.95E-05
1524	ALL	653091.5	4188862	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.88E-08	6.88E-08	6.88E-08	1.59E-05	0.00E+00	2.59E-06	0.00E+00	6.88E-08	4.04E-05	0.00E+00	0.00E+00	4.04E-05
1525	ALL	653067.4	4188851	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.03E-08	7.03E-08	7.03E-08	1.62E-05	0.00E+00	2.64E-06	0.00E+00	7.03E-08	4.12E-05	0.00E+00	0.00E+00	4.12E-05
1526	ALL	653043.2	4188839	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.16E-08	7.16E-08	7.16E-08	1.65E-05	0.00E+00	2.69E-06	0.00E+00	7.16E-08	4.19E-05	0.00E+00	0.00E+00	4.19E-05
1527	ALL	653019.1	4188828	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.28E-08	7.28E-08	7.28E-08	1.67E-05	0.00E+00	2.73E-06	0.00E+00	7.28E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
1528	ALL	652994.9	4188817	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.36E-08	7.36E-08	7.36E-08	1.68E-05	0.00E+00	2.76E-06	0.00E+00	7.36E-08	4.30E-05	0.00E+00	0.00E+00	4.30E-05
1529	ALL	652970.8	4188806	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.39E-08	7.39E-08	7.39E-08	1.69E-05	0.00E+00	2.78E-06	0.00E+00	7.39E-08	4.32E-05	0.00E+00	0.00E+00	4.32E-05
1530	ALL	653575.7	4189080	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	9.37E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
1531	ALL	653519.4	4189321	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.75E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
1532	ALL	653495.5	4189310	NonCancer	0.00E+00	4.43E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.86E-06	0.00E+00	1.10E-06	0.00E+00	2.94E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
1533	ALL	653471.6	4189299	NonCancer	0.00E+00	4.53E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.99E-06	0.00E+00	1.13E-06	0.00E+00	3.00E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
1534	ALL	653447.7	4189288	NonCancer	0.00E+00	4.66E-07	0.00E+00	3.09E-08	3.09E-08	3.09E-08	7.15E-06	0.00E+00	1.16E-06	0.00E+00	3.09E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
1535	ALL	653423.8	4189277	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.33E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
1536	ALL	653399.9	4189266	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.52E-06	0.00E+00	1.24E-06	0.00E+00	3.29E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
1537	ALL	653376	4189255	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.39E-08	3.39E-08	3.39E-08	7.73E-06	0.00E+00	1.27E-06	0.00E+00	3.39E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
1538	ALL	653352.1	4189244	NonCancer	0.00E+00	5.24E-07	0.00E+00	3.48E-08	3.48E-08	3.48E-08	7.94E-06	0.00E+00	1.31E-06	0.00E+00	3.48E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
1539	ALL	653328.2	4189233	NonCancer	0.00E+00	5.37E-07	0.00E+00	3.56E-08	3.56E-08	3.56E-08	8.16E-06	0.00E+00	1.34E-06	0.00E+00	3.56E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1540	ALL	653304.3	4189222	NonCancer	0.00E+00	5.50E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.37E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
1541	ALL	653280.4	4189211	NonCancer	0.00E+00	5.64E-07	0.00E+00	3.74E-08	3.74E-08	3.74E-08	8.60E-06	0.00E+00	1.41E-06	0.00E+00	3.74E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
1542	ALL	653256.5	4189200	NonCancer	0.00E+00	5.79E-07	0.00E+00	3.84E-08	3.84E-08	3.84E-08	8.82E-06	0.00E+00	1.44E-06	0.00E+00	3.84E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
1543	ALL	653232.6	4189189	NonCancer	0.00E+00	5.96E-07	0.00E+00	3.95E-08	3.95E-08	3.95E-08	9.05E-06	0.00E+00	1.48E-06	0.00E+00	3.95E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
1544	ALL	653208.7	4189178	NonCancer	0.00E+00	6.13E-07	0.00E+00	4.06E-08	4.06E-08	4.06E-08	9.28E-06	0.00E+00	1.53E-06	0.00E+00	4.06E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
1545	ALL	653184.8	4189167	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.51E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.44E-05	0.00E+00	0.00E+00	2.44E-05
1546	ALL	653160.9	4189156	NonCancer	0.00E+00	6.44E-07	0.00E+00	4.27E-08	4.27E-08	4.27E-08	9.72E-06	0.00E+00	1.60E-06	0.00E+00	4.27E-08	2.49E-05	0.00E+00	0.00E+00	2.49E-05
1547	ALL	653137	4189145	NonCancer	0.00E+00	6.56E-07	0.00E+00	4.35E-08	4.35E-08	4.35E-08	9.92E-06	0.00E+00	1.64E-06	0.00E+00	4.35E-08	2.54E-05	0.00E+00	0.00E+00	2.54E-05
1548	ALL	653113.1	4189134	NonCancer	0.00E+00	6.66E-07	0.00E+00	4.42E-08	4.42E-08	4.42E-08	1.01E-05	0.00E+00	1.66E-06	0.00E+00	4.42E-08	2.58E-05	0.00E+00	0.00E+00	2.58E-05
1549	ALL	653089.2	4189123	NonCancer	0.00E+00	6.76E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	1.03E-05	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.62E-05	0.00E+00	0.00E+00	2.62E-05

1550	ALL	653065.3	4189112	NonCancer	0.00E+00	6.85E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	1.05E-05	0.00E+00	1.71E-06	0.00E+00	4.54E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
1551	ALL	653041.4	4189101	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.07E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.70E-05	0.00E+00	0.00E+00	2.70E-05
1552	ALL	653017.5	4189090	NonCancer	0.00E+00	7.06E-07	0.00E+00	4.68E-08	4.68E-08	4.68E-08	1.08E-05	0.00E+00	1.76E-06	0.00E+00	4.68E-08	2.75E-05	0.00E+00	0.00E+00	2.75E-05
1553	ALL	652993.6	4189079	NonCancer	0.00E+00	7.18E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.10E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.79E-05	0.00E+00	0.00E+00	2.79E-05
1554	ALL	652969.7	4189068	NonCancer	0.00E+00	7.31E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.12E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
1555	ALL	652945.8	4189057	NonCancer	0.00E+00	7.44E-07	0.00E+00	4.94E-08	4.94E-08	4.94E-08	1.14E-05	0.00E+00	1.86E-06	0.00E+00	4.94E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
1556	ALL	652921.9	4189046	NonCancer	0.00E+00	7.58E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.94E-05	0.00E+00	0.00E+00	2.94E-05
1557	ALL	652898	4189035	NonCancer	0.00E+00	7.70E-07	0.00E+00	5.11E-08	5.11E-08	5.11E-08	1.17E-05	0.00E+00	1.92E-06	0.00E+00	5.11E-08	2.99E-05	0.00E+00	0.00E+00	2.99E-05
1558	ALL	652874.1	4189024	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.19E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.03E-05	0.00E+00	0.00E+00	3.03E-05
1559	ALL	652850.2	4189013	NonCancer	0.00E+00	7.91E-07	0.00E+00	5.25E-08	5.25E-08	5.25E-08	1.20E-05	0.00E+00	1.97E-06	0.00E+00	5.25E-08	3.06E-05	0.00E+00	0.00E+00	3.06E-05
1560	ALL	652826.3	4189002	NonCancer	0.00E+00	7.98E-07	0.00E+00	5.29E-08	5.29E-08	5.29E-08	1.20E-05	0.00E+00	1.99E-06	0.00E+00	5.29E-08	3.09E-05	0.00E+00	0.00E+00	3.09E-05
1561	ALL	652802.4	4188991	NonCancer	0.00E+00	8.01E-07	0.00E+00	5.31E-08	5.31E-08	5.31E-08	1.21E-05	0.00E+00	2.00E-06	0.00E+00	5.31E-08	3.10E-05	0.00E+00	0.00E+00	3.10E-05
1562	ALL	653544.6	4189328	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.68E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
1563	ALL	653488.3	4189569	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	5.09E-06	0.00E+00	8.21E-07	0.00E+00	2.18E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
1564	ALL	653464.2	4189558	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.16E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
1565	ALL	653440.1	4189547	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.23E-06	0.00E+00	8.44E-07	0.00E+00	2.24E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
1566	ALL	653416.1	4189536	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.33E-06	0.00E+00	8.63E-07	0.00E+00	2.29E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
1567	ALL	653392	4189525	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.43E-06	0.00E+00	8.85E-07	0.00E+00	2.35E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
1568	ALL	653368	4189514	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.55E-06	0.00E+00	9.10E-07	0.00E+00	2.42E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
1569	ALL	653343.9	4189503	NonCancer	0.00E+00	3.75E-07	0.00E+00	2.49E-08	2.49E-08	2.49E-08	5.68E-06	0.00E+00	9.35E-07	0.00E+00	2.49E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
1570	ALL	653319.9	4189492	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.82E-06	0.00E+00	9.59E-07	0.00E+00	2.55E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
1571	ALL	653295.8	4189480	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.95E-06	0.00E+00	9.81E-07	0.00E+00	2.61E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
1572	ALL	653271.7	4189469	NonCancer	0.00E+00	4.02E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	6.09E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
1573	ALL	653247.7	4189458	NonCancer	0.00E+00	4.10E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.23E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
1574	ALL	653223.6	4189447	NonCancer	0.00E+00	4.18E-07	0.00E+00	2.77E-08	2.77E-08	2.77E-08	6.36E-06	0.00E+00	1.04E-06	0.00E+00	2.77E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
1575	ALL	653199.6	4189436	NonCancer	0.00E+00	4.26E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.51E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
1576	ALL	653175.5	4189425	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.65E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
1577	ALL	653151.4	4189414	NonCancer	0.00E+00	4.47E-07	0.00E+00	2.96E-08	2.96E-08	2.96E-08	6.80E-06	0.00E+00	1.11E-06	0.00E+00	2.96E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
1578	ALL	653127.4	4189403	NonCancer	0.00E+00	4.58E-07	0.00E+00	3.04E-08	3.04E-08	3.04E-08	6.95E-06	0.00E+00	1.14E-06	0.00E+00	3.04E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
1579	ALL	653103.3	4189392	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.10E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
1580	ALL	653079.3	4189381	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.24E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
1581	ALL	653055.2	4189370	NonCancer	0.00E+00	4.90E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.38E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
1582	ALL	653031.2	4189359	NonCancer	0.00E+00	4.98E-07	0.00E+00	3.30E-08	3.30E-08	3.30E-08	7.51E-06	0.00E+00	1.24E-06	0.00E+00	3.30E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
1583	ALL	653007.1	4189348	NonCancer	0.00E+00	5.04E-07	0.00E+00	3.34E-08	3.34E-08	3.34E-08	7.63E-06	0.00E+00	1.26E-06	0.00E+00	3.34E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
1584	ALL	652983	4189337	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.74E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
1585	ALL	652959	4189325	NonCancer	0.00E+00	5.15E-07	0.00E+00	3.42E-08	3.42E-08	3.42E-08	7.86E-06	0.00E+00	1.29E-06	0.00E+00	3.42E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
1586	ALL	652934.9	4189314	NonCancer	0.00E+00	5.21E-07	0.00E+00	3.46E-08	3.46E-08	3.46E-08	7.97E-06	0.00E+00	1.30E-06	0.00E+00	3.46E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
1587	ALL	652910.9	4189303	NonCancer	0.00E+00	5.28E-07	0.00E+00	3.50E-08	3.50E-08	3.50E-08	8.08E-06	0.00E+00	1.32E-06	0.00E+00	3.50E-08	2.05E-05	0.00E+00	0.00E+00	2.05E-05
1588	ALL	652886.8	4189292	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	8.19E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1589	ALL	652862.8	4189281	NonCancer	0.00E+00	5.43E-07	0.00E+00	3.60E-08	3.60E-08	3.60E-08	8.31E-06	0.00E+00	1.35E-06	0.00E+00	3.60E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
1590	ALL	652838.7	4189270	NonCancer	0.00E+00	5.51E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.43E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
1591	ALL	652814.6	4189259	NonCancer	0.00E+00	5.60E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.55E-06	0.00E+00	1.40E-06	0.00E+00	3.71E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
1592	ALL	652790.6	4189248	NonCancer	0.00E+00	5.68E-07	0.00E+00	3.77E-08	3.77E-08	3.77E-08	8.67E-06	0.00E+00	1.42E-06	0.00E+00	3.77E-08	2.21E-05	0.00E+00	0.00E+00	2.21E-05
1593	ALL	652766.5	4189237	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.78E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
1594	ALL	652742.5	4189226	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.88E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
1595	ALL	652718.4	4189215	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.97E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
1596	ALL	652694.4	4189204	NonCancer	0.00E+00	6.00E-07	0.00E+00	3.98E-08	3.98E-08	3.98E-08	9.05E-06	0.00E+00	1.49E-06	0.00E+00	3.98E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
1597	ALL	652670.3	4189193	NonCancer	0.00E+00	6.05E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.10E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
1598	ALL	652646.2	4189181	NonCancer	0.00E+00	6.08E-07	0.00E+00	4.03E-08	4.03E-08	4.03E-08	9.14E-06	0.00E+00	1.51E-06	0.00E+00	4.03E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
1599	ALL	653513.5	4189576	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	5.06E-06	0.00E+00	8.19E-07	0.00E+00	2.18E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05

1600	ALL	653457.1	4189817	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	4.01E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
1601	ALL	653433	4189806	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	4.05E-06	0.00E+00	6.52E-07	0.00E+00	1.73E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
1602	ALL	653408.8	4189795	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	4.10E-06	0.00E+00	6.60E-07	0.00E+00	1.75E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
1603	ALL	653384.6	4189784	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.15E-06	0.00E+00	6.71E-07	0.00E+00	1.78E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1604	ALL	653360.4	4189773	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.22E-06	0.00E+00	6.86E-07	0.00E+00	1.82E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
1605	ALL	653336.3	4189761	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.30E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
1606	ALL	653312.1	4189750	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.38E-06	0.00E+00	7.20E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
1607	ALL	653287.9	4189739	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.47E-06	0.00E+00	7.38E-07	0.00E+00	1.96E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
1608	ALL	653263.8	4189728	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.57E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
1609	ALL	653239.6	4189717	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.66E-06	0.00E+00	7.70E-07	0.00E+00	2.05E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
1610	ALL	653215.4	4189706	NonCancer	0.00E+00	3.15E-07	0.00E+00	2.09E-08	2.09E-08	2.09E-08	4.75E-06	0.00E+00	7.84E-07	0.00E+00	2.09E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
1611	ALL	653191.2	4189695	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.85E-06	0.00E+00	7.97E-07	0.00E+00	2.12E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
1612	ALL	653167.1	4189684	NonCancer	0.00E+00	3.25E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.94E-06	0.00E+00	8.10E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1613	ALL	653142.9	4189672	NonCancer	0.00E+00	3.30E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	5.03E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
1614	ALL	653118.7	4189661	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.13E-06	0.00E+00	8.38E-07	0.00E+00	2.23E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
1615	ALL	653094.5	4189650	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.23E-06	0.00E+00	8.54E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
1616	ALL	653070.4	4189639	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.33E-06	0.00E+00	8.73E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
1617	ALL	653046.2	4189628	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.43E-06	0.00E+00	8.93E-07	0.00E+00	2.37E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
1618	ALL	653022	4189617	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.54E-06	0.00E+00	9.13E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
1619	ALL	652997.8	4189606	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.64E-06	0.00E+00	9.33E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
1620	ALL	652973.7	4189595	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.74E-06	0.00E+00	9.51E-07	0.00E+00	2.53E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
1621	ALL	652949.5	4189583	NonCancer	0.00E+00	3.88E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.83E-06	0.00E+00	9.67E-07	0.00E+00	2.57E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
1622	ALL	652925.3	4189572	NonCancer	0.00E+00	3.93E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.92E-06	0.00E+00	9.80E-07	0.00E+00	2.61E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
1623	ALL	652901.1	4189561	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	6.00E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
1624	ALL	652877	4189550	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	6.08E-06	0.00E+00	1.00E-06	0.00E+00	2.66E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
1625	ALL	652852.8	4189539	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
1626	ALL	652828.6	4189528	NonCancer	0.00E+00	4.09E-07	0.00E+00	2.71E-08	2.71E-08	2.71E-08	6.23E-06	0.00E+00	1.02E-06	0.00E+00	2.71E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
1627	ALL	652804.4	4189517	NonCancer	0.00E+00	4.13E-07	0.00E+00	2.74E-08	2.74E-08	2.74E-08	6.30E-06	0.00E+00	1.03E-06	0.00E+00	2.74E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
1628	ALL	652780.3	4189506	NonCancer	0.00E+00	4.17E-07	0.00E+00	2.77E-08	2.77E-08	2.77E-08	6.38E-06	0.00E+00	1.04E-06	0.00E+00	2.77E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
1629	ALL	652756.1	4189494	NonCancer	0.00E+00	4.22E-07	0.00E+00	2.80E-08	2.80E-08	2.80E-08	6.46E-06	0.00E+00	1.05E-06	0.00E+00	2.80E-08	1.64E-05	0.00E+00	0.00E+00	1.64E-05
1630	ALL	652731.9	4189483	NonCancer	0.00E+00	4.27E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.54E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
1631	ALL	652707.7	4189472	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.87E-08	2.87E-08	2.87E-08	6.62E-06	0.00E+00	1.08E-06	0.00E+00	2.87E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
1632	ALL	652683.6	4189461	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.70E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
1633	ALL	652659.4	4189450	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.78E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
1634	ALL	652635.2	4189439	NonCancer	0.00E+00	4.51E-07	0.00E+00	2.99E-08	2.99E-08	2.99E-08	6.86E-06	0.00E+00	1.12E-06	0.00E+00	2.99E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
1635	ALL	652611	4189428	NonCancer	0.00E+00	4.57E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.94E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
1636	ALL	652586.9	4189416	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	7.01E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
1637	ALL	652562.7	4189405	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.07E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
1638	ALL	652538.5	4189394	NonCancer	0.00E+00	4.73E-07	0.00E+00	3.14E-08	3.14E-08	3.14E-08	7.13E-06	0.00E+00	1.18E-06	0.00E+00	3.14E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
1639	ALL	652514.4	4189383	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.17E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
1640	ALL	652490.2	4189372	NonCancer	0.00E+00	4.80E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.20E-06	0.00E+00	1.20E-06	0.00E+00	3.18E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
1641	ALL	652466	4189361	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.22E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
1642	ALL	653482.5	4189824	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.99E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
1643	ALL	653395.1	4190313	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.71E-06	0.00E+00	4.38E-07	0.00E+00	1.16E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
1644	ALL	653371	4190302	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.72E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
1645	ALL	653346.9	4190291	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.75E-06	0.00E+00	4.42E-07	0.00E+00	1.17E-08	6.92E-06	0.00E+00	0.00E+00	6.92E-06
1646	ALL	653322.7	4190280	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.77E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
1647	ALL	653298.6	4190269	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.80E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
1648	ALL	653274.5	4190258	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.84E-06	0.00E+00	4.60E-07	0.00E+00	1.22E-08	7.19E-06	0.00E+00	0.00E+00	7.19E-06
1649	ALL	653250.4	4190247	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.88E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.32E-06	0.00E+00	0.00E+00	7.32E-06

1650	ALL	653226.3	4190236	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.92E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
1651	ALL	653202.2	4190224	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.97E-06	0.00E+00	4.90E-07	0.00E+00	1.30E-08	7.61E-06	0.00E+00	0.00E+00	7.61E-06
1652	ALL	653178.1	4190213	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.02E-06	0.00E+00	5.00E-07	0.00E+00	1.33E-08	7.76E-06	0.00E+00	0.00E+00	7.76E-06
1653	ALL	653154	4190202	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.07E-06	0.00E+00	5.09E-07	0.00E+00	1.36E-08	7.90E-06	0.00E+00	0.00E+00	7.90E-06
1654	ALL	653129.9	4190191	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.12E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.04E-06	0.00E+00	0.00E+00	8.04E-06
1655	ALL	653105.8	4190180	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.17E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.16E-06	0.00E+00	0.00E+00	8.16E-06
1656	ALL	653081.7	4190169	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.22E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.27E-06	0.00E+00	0.00E+00	8.27E-06
1657	ALL	653057.6	4190158	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.27E-06	0.00E+00	5.39E-07	0.00E+00	1.43E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
1658	ALL	653033.5	4190147	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.32E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
1659	ALL	653009.4	4190136	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.36E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06
1660	ALL	652985.2	4190125	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.41E-06	0.00E+00	5.58E-07	0.00E+00	1.48E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
1661	ALL	652961.1	4190113	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.46E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
1662	ALL	652937	4190102	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.51E-06	0.00E+00	5.73E-07	0.00E+00	1.52E-08	8.94E-06	0.00E+00	0.00E+00	8.94E-06
1663	ALL	652912.9	4190091	NonCancer	0.00E+00	2.34E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.56E-06	0.00E+00	5.83E-07	0.00E+00	1.55E-08	9.08E-06	0.00E+00	0.00E+00	9.08E-06
1664	ALL	652888.8	4190080	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.62E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.24E-06	0.00E+00	0.00E+00	9.24E-06
1665	ALL	652864.7	4190069	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.68E-06	0.00E+00	6.04E-07	0.00E+00	1.61E-08	9.40E-06	0.00E+00	0.00E+00	9.40E-06
1666	ALL	652840.6	4190058	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.73E-06	0.00E+00	6.16E-07	0.00E+00	1.64E-08	9.57E-06	0.00E+00	0.00E+00	9.57E-06
1667	ALL	652816.5	4190047	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.79E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
1668	ALL	652792.4	4190036	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.84E-06	0.00E+00	6.38E-07	0.00E+00	1.70E-08	9.89E-06	0.00E+00	0.00E+00	9.89E-06
1669	ALL	652768.3	4190025	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.90E-06	0.00E+00	6.48E-07	0.00E+00	1.72E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
1670	ALL	652744.2	4190014	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.95E-06	0.00E+00	6.56E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
1671	ALL	652720.1	4190003	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.99E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
1672	ALL	652696	4189991	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.04E-06	0.00E+00	6.69E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
1673	ALL	652671.9	4189980	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.08E-06	0.00E+00	6.74E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1674	ALL	652647.8	4189969	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.12E-06	0.00E+00	6.79E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1675	ALL	652623.6	4189958	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.15E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
1676	ALL	652599.5	4189947	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.19E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
1677	ALL	652575.4	4189936	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.23E-06	0.00E+00	6.93E-07	0.00E+00	1.84E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
1678	ALL	652551.3	4189925	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.27E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
1679	ALL	652527.2	4189914	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.31E-06	0.00E+00	7.04E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
1680	ALL	652503.1	4189903	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.35E-06	0.00E+00	7.11E-07	0.00E+00	1.89E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
1681	ALL	652479	4189892	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.39E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
1682	ALL	652454.9	4189880	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.43E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
1683	ALL	652430.8	4189869	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.48E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
1684	ALL	652406.7	4189858	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.52E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
1685	ALL	652382.6	4189847	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.56E-06	0.00E+00	7.48E-07	0.00E+00	1.99E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
1686	ALL	652358.5	4189836	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.61E-06	0.00E+00	7.56E-07	0.00E+00	2.01E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
1687	ALL	652334.4	4189825	NonCancer	0.00E+00	3.07E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.65E-06	0.00E+00	7.64E-07	0.00E+00	2.03E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
1688	ALL	652310.3	4189814	NonCancer	0.00E+00	3.10E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.69E-06	0.00E+00	7.72E-07	0.00E+00	2.06E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
1689	ALL	652286.1	4189803	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.73E-06	0.00E+00	7.80E-07	0.00E+00	2.08E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
1690	ALL	652262	4189792	NonCancer	0.00E+00	3.16E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.77E-06	0.00E+00	7.88E-07	0.00E+00	2.10E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
1691	ALL	652237.9	4189781	NonCancer	0.00E+00	3.19E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.80E-06	0.00E+00	7.95E-07	0.00E+00	2.12E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
1692	ALL	652213.8	4189769	NonCancer	0.00E+00	3.22E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.83E-06	0.00E+00	8.01E-07	0.00E+00	2.13E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
1693	ALL	652189.7	4189758	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.86E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
1694	ALL	652165.6	4189747	NonCancer	0.00E+00	3.26E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.87E-06	0.00E+00	8.12E-07	0.00E+00	2.16E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1695	ALL	652141.5	4189736	NonCancer	0.00E+00	3.27E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.89E-06	0.00E+00	8.15E-07	0.00E+00	2.17E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1696	ALL	653420.4	4190320	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
1697	ALL	653332.9	4190809	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.52E-09	8.52E-09	8.52E-09	1.98E-06	0.00E+00	3.21E-07	0.00E+00	8.52E-09	5.01E-06	0.00E+00	0.00E+00	5.01E-06
1698	ALL	653308.6	4190798	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.53E-09	8.53E-09	8.53E-09	1.99E-06	0.00E+00	3.21E-07	0.00E+00	8.53E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1699	ALL	653284.4	4190787	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.55E-09	8.55E-09	8.55E-09	2.00E-06	0.00E+00	3.22E-07	0.00E+00	8.55E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06

1700	ALL	653260.1	4190776	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.59E-09	8.59E-09	8.59E-09	2.01E-06	0.00E+00	3.23E-07	0.00E+00	8.59E-09	5.06E-06	0.00E+00	0.00E+00	5.06E-06
1701	ALL	653235.9	4190765	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.67E-09	8.67E-09	8.67E-09	2.02E-06	0.00E+00	3.26E-07	0.00E+00	8.67E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
1702	ALL	653211.6	4190754	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	2.04E-06	0.00E+00	3.30E-07	0.00E+00	8.77E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
1703	ALL	653187.4	4190742	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.07E-06	0.00E+00	3.35E-07	0.00E+00	8.90E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
1704	ALL	653163.1	4190731	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.05E-09	9.05E-09	9.05E-09	2.09E-06	0.00E+00	3.40E-07	0.00E+00	9.05E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
1705	ALL	653138.9	4190720	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.22E-09	9.22E-09	9.22E-09	2.12E-06	0.00E+00	3.47E-07	0.00E+00	9.22E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
1706	ALL	653114.6	4190709	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.15E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
1707	ALL	653090.4	4190698	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.58E-09	9.58E-09	9.58E-09	2.18E-06	0.00E+00	3.60E-07	0.00E+00	9.58E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
1708	ALL	653066.1	4190687	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.75E-09	9.75E-09	9.75E-09	2.21E-06	0.00E+00	3.66E-07	0.00E+00	9.75E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
1709	ALL	653041.9	4190675	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.91E-09	9.91E-09	9.91E-09	2.24E-06	0.00E+00	3.72E-07	0.00E+00	9.91E-09	5.77E-06	0.00E+00	0.00E+00	5.77E-06
1710	ALL	653017.6	4190664	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.27E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.86E-06	0.00E+00	0.00E+00	5.86E-06
1711	ALL	652993.4	4190653	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.30E-06	0.00E+00	3.83E-07	0.00E+00	1.02E-08	5.93E-06	0.00E+00	0.00E+00	5.93E-06
1712	ALL	652969.1	4190642	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
1713	ALL	652944.9	4190631	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.36E-06	0.00E+00	3.91E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
1714	ALL	652920.6	4190620	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.39E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.13E-06	0.00E+00	0.00E+00	6.13E-06
1715	ALL	652896.4	4190608	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.42E-06	0.00E+00	3.98E-07	0.00E+00	1.06E-08	6.19E-06	0.00E+00	0.00E+00	6.19E-06
1716	ALL	652872.1	4190597	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.44E-06	0.00E+00	4.01E-07	0.00E+00	1.07E-08	6.24E-06	0.00E+00	0.00E+00	6.24E-06
1717	ALL	652847.9	4190586	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.47E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
1718	ALL	652823.6	4190575	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.50E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.37E-06	0.00E+00	0.00E+00	6.37E-06
1719	ALL	652799.4	4190564	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.53E-06	0.00E+00	4.13E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
1720	ALL	652775.1	4190553	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.56E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.51E-06	0.00E+00	0.00E+00	6.51E-06
1721	ALL	652750.9	4190541	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.60E-06	0.00E+00	0.00E+00	6.60E-06
1722	ALL	652726.6	4190530	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
1723	ALL	652702.4	4190519	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.66E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.79E-06	0.00E+00	0.00E+00	6.79E-06
1724	ALL	652678.1	4190508	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
1725	ALL	652653.9	4190497	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
1726	ALL	652629.6	4190486	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
1727	ALL	652605.4	4190474	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.80E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.21E-06	0.00E+00	0.00E+00	7.21E-06
1728	ALL	652581.1	4190463	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.83E-06	0.00E+00	4.71E-07	0.00E+00	1.25E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
1729	ALL	652556.9	4190452	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.86E-06	0.00E+00	4.77E-07	0.00E+00	1.27E-08	7.39E-06	0.00E+00	0.00E+00	7.39E-06
1730	ALL	652532.6	4190441	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.82E-07	0.00E+00	1.28E-08	7.47E-06	0.00E+00	0.00E+00	7.47E-06
1731	ALL	652508.4	4190430	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.92E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
1732	ALL	652484.1	4190419	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.95E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.59E-06	0.00E+00	0.00E+00	7.59E-06
1733	ALL	652459.9	4190407	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.97E-06	0.00E+00	4.92E-07	0.00E+00	1.31E-08	7.64E-06	0.00E+00	0.00E+00	7.64E-06
1734	ALL	652435.6	4190396	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.99E-06	0.00E+00	4.95E-07	0.00E+00	1.32E-08	7.69E-06	0.00E+00	0.00E+00	7.69E-06
1735	ALL	652411.4	4190385	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.02E-06	0.00E+00	4.98E-07	0.00E+00	1.32E-08	7.73E-06	0.00E+00	0.00E+00	7.73E-06
1736	ALL	652387.1	4190374	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.04E-06	0.00E+00	5.00E-07	0.00E+00	1.33E-08	7.78E-06	0.00E+00	0.00E+00	7.78E-06
1737	ALL	652362.9	4190363	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.06E-06	0.00E+00	5.03E-07	0.00E+00	1.34E-08	7.82E-06	0.00E+00	0.00E+00	7.82E-06
1738	ALL	652338.6	4190352	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.08E-06	0.00E+00	5.05E-07	0.00E+00	1.34E-08	7.87E-06	0.00E+00	0.00E+00	7.87E-06
1739	ALL	652314.4	4190340	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.10E-06	0.00E+00	5.09E-07	0.00E+00	1.35E-08	7.92E-06	0.00E+00	0.00E+00	7.92E-06
1740	ALL	652290.1	4190329	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.13E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.98E-06	0.00E+00	0.00E+00	7.98E-06
1741	ALL	652265.9	4190318	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.15E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	8.04E-06	0.00E+00	0.00E+00	8.04E-06
1742	ALL	652241.6	4190307	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.18E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
1743	ALL	652217.4	4190296	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.20E-06	0.00E+00	5.24E-07	0.00E+00	1.39E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
1744	ALL	652193.1	4190285	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.23E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
1745	ALL	652168.9	4190274	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.25E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
1746	ALL	652144.6	4190262	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.28E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
1747	ALL	652120.4	4190251	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.31E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.45E-06	0.00E+00	0.00E+00	8.45E-06
1748	ALL	652096.1	4190240	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.33E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.52E-06	0.00E+00	0.00E+00	8.52E-06
1749	ALL	652071.9	4190229	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.36E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06

1750	ALL	652047.6	4190218	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.39E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.66E-06	0.00E+00	0.00E+00	8.66E-06
1751	ALL	652023.4	4190207	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.41E-06	0.00E+00	5.62E-07	0.00E+00	1.49E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
1752	ALL	651999.1	4190195	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.44E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
1753	ALL	651974.9	4190184	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.46E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.88E-06	0.00E+00	0.00E+00	8.88E-06
1754	ALL	651950.6	4190173	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.48E-06	0.00E+00	5.76E-07	0.00E+00	1.53E-08	8.95E-06	0.00E+00	0.00E+00	8.95E-06
1755	ALL	651926.4	4190162	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.51E-06	0.00E+00	5.81E-07	0.00E+00	1.55E-08	9.01E-06	0.00E+00	0.00E+00	9.01E-06
1756	ALL	651902.1	4190151	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.52E-06	0.00E+00	5.85E-07	0.00E+00	1.56E-08	9.07E-06	0.00E+00	0.00E+00	9.07E-06
1757	ALL	651877.9	4190140	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.54E-06	0.00E+00	5.89E-07	0.00E+00	1.57E-08	9.13E-06	0.00E+00	0.00E+00	9.13E-06
1758	ALL	651853.6	4190128	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.56E-06	0.00E+00	5.92E-07	0.00E+00	1.58E-08	9.18E-06	0.00E+00	0.00E+00	9.18E-06
1759	ALL	651829.4	4190117	NonCancer	0.00E+00	2.39E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.57E-06	0.00E+00	5.95E-07	0.00E+00	1.58E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
1760	ALL	651805.1	4190106	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.57E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.24E-06	0.00E+00	0.00E+00	9.24E-06
1761	ALL	653358.3	4190817	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.55E-09	8.55E-09	8.55E-09	1.97E-06	0.00E+00	3.22E-07	0.00E+00	8.55E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1762	ALL	653270.8	4191305	NonCancer	0.00E+00	9.91E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.52E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.86E-06	0.00E+00	0.00E+00	3.86E-06
1763	ALL	653246.6	4191294	NonCancer	0.00E+00	9.90E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.53E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.86E-06	0.00E+00	0.00E+00	3.86E-06
1764	ALL	653222.4	4191283	NonCancer	0.00E+00	9.90E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.53E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1765	ALL	653198.2	4191272	NonCancer	0.00E+00	9.93E-08	0.00E+00	6.58E-09	6.58E-09	6.58E-09	1.54E-06	0.00E+00	2.48E-07	0.00E+00	6.58E-09	3.88E-06	0.00E+00	0.00E+00	3.88E-06
1766	ALL	653174	4191261	NonCancer	0.00E+00	9.98E-08	0.00E+00	6.62E-09	6.62E-09	6.62E-09	1.55E-06	0.00E+00	2.49E-07	0.00E+00	6.62E-09	3.90E-06	0.00E+00	0.00E+00	3.90E-06
1767	ALL	653149.8	4191250	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.67E-09	6.67E-09	6.67E-09	1.56E-06	0.00E+00	2.51E-07	0.00E+00	6.67E-09	3.93E-06	0.00E+00	0.00E+00	3.93E-06
1768	ALL	653125.7	4191239	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.74E-09	6.74E-09	6.74E-09	1.57E-06	0.00E+00	2.53E-07	0.00E+00	6.74E-09	3.97E-06	0.00E+00	0.00E+00	3.97E-06
1769	ALL	653101.5	4191228	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.82E-09	6.82E-09	6.82E-09	1.58E-06	0.00E+00	2.57E-07	0.00E+00	6.82E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
1770	ALL	653077.3	4191216	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.92E-09	6.92E-09	6.92E-09	1.60E-06	0.00E+00	2.60E-07	0.00E+00	6.92E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
1771	ALL	653053.1	4191205	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.04E-09	7.04E-09	7.04E-09	1.62E-06	0.00E+00	2.65E-07	0.00E+00	7.04E-09	4.12E-06	0.00E+00	0.00E+00	4.12E-06
1772	ALL	653028.9	4191194	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.16E-09	7.16E-09	7.16E-09	1.64E-06	0.00E+00	2.69E-07	0.00E+00	7.16E-09	4.19E-06	0.00E+00	0.00E+00	4.19E-06
1773	ALL	653004.7	4191183	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.66E-06	0.00E+00	2.74E-07	0.00E+00	7.28E-09	4.25E-06	0.00E+00	0.00E+00	4.25E-06
1774	ALL	652980.5	4191172	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.40E-09	7.40E-09	7.40E-09	1.68E-06	0.00E+00	2.78E-07	0.00E+00	7.40E-09	4.32E-06	0.00E+00	0.00E+00	4.32E-06
1775	ALL	652956.3	4191161	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.52E-09	7.52E-09	7.52E-09	1.70E-06	0.00E+00	2.83E-07	0.00E+00	7.52E-09	4.38E-06	0.00E+00	0.00E+00	4.38E-06
1776	ALL	652932.1	4191150	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.63E-09	7.63E-09	7.63E-09	1.72E-06	0.00E+00	2.87E-07	0.00E+00	7.63E-09	4.44E-06	0.00E+00	0.00E+00	4.44E-06
1777	ALL	652907.9	4191138	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.74E-09	7.74E-09	7.74E-09	1.74E-06	0.00E+00	2.91E-07	0.00E+00	7.74E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
1778	ALL	652883.7	4191127	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.83E-09	7.83E-09	7.83E-09	1.76E-06	0.00E+00	2.94E-07	0.00E+00	7.83E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
1779	ALL	652859.6	4191116	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.91E-09	7.91E-09	7.91E-09	1.78E-06	0.00E+00	2.97E-07	0.00E+00	7.91E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
1780	ALL	652835.4	4191105	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.98E-09	7.98E-09	7.98E-09	1.80E-06	0.00E+00	3.00E-07	0.00E+00	7.98E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
1781	ALL	652811.2	4191094	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.04E-09	8.04E-09	8.04E-09	1.82E-06	0.00E+00	3.02E-07	0.00E+00	8.04E-09	4.69E-06	0.00E+00	0.00E+00	4.69E-06
1782	ALL	652787	4191083	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.09E-09	8.09E-09	8.09E-09	1.84E-06	0.00E+00	3.04E-07	0.00E+00	8.09E-09	4.72E-06	0.00E+00	0.00E+00	4.72E-06
1783	ALL	652762.8	4191072	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.14E-09	8.14E-09	8.14E-09	1.86E-06	0.00E+00	3.06E-07	0.00E+00	8.14E-09	4.76E-06	0.00E+00	0.00E+00	4.76E-06
1784	ALL	652738.6	4191060	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.19E-09	8.19E-09	8.19E-09	1.87E-06	0.00E+00	3.08E-07	0.00E+00	8.19E-09	4.79E-06	0.00E+00	0.00E+00	4.79E-06
1785	ALL	652714.4	4191049	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.24E-09	8.24E-09	8.24E-09	1.89E-06	0.00E+00	3.10E-07	0.00E+00	8.24E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
1786	ALL	652690.2	4191038	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.30E-09	8.30E-09	8.30E-09	1.91E-06	0.00E+00	3.12E-07	0.00E+00	8.30E-09	4.86E-06	0.00E+00	0.00E+00	4.86E-06
1787	ALL	652666	4191027	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.36E-09	8.36E-09	8.36E-09	1.92E-06	0.00E+00	3.14E-07	0.00E+00	8.36E-09	4.90E-06	0.00E+00	0.00E+00	4.90E-06
1788	ALL	652641.8	4191016	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.43E-09	8.43E-09	8.43E-09	1.94E-06	0.00E+00	3.17E-07	0.00E+00	8.43E-09	4.94E-06	0.00E+00	0.00E+00	4.94E-06
1789	ALL	652617.6	4191005	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.51E-09	8.51E-09	8.51E-09	1.96E-06	0.00E+00	3.20E-07	0.00E+00	8.51E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
1790	ALL	652593.4	4190994	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.60E-09	8.60E-09	8.60E-09	1.98E-06	0.00E+00	3.23E-07	0.00E+00	8.60E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
1791	ALL	652569.3	4190983	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.71E-09	8.71E-09	8.71E-09	2.00E-06	0.00E+00	3.27E-07	0.00E+00	8.71E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
1792	ALL	652545.1	4190971	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.82E-09	8.82E-09	8.82E-09	2.03E-06	0.00E+00	3.32E-07	0.00E+00	8.82E-09	5.17E-06	0.00E+00	0.00E+00	5.17E-06
1793	ALL	652520.9	4190960	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.94E-09	8.94E-09	8.94E-09	2.05E-06	0.00E+00	3.36E-07	0.00E+00	8.94E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
1794	ALL	652496.7	4190949	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.07E-09	9.07E-09	9.07E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.07E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
1795	ALL	652472.5	4190938	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.21E-09	9.21E-09	9.21E-09	2.10E-06	0.00E+00	3.46E-07	0.00E+00	9.21E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
1796	ALL	652448.3	4190927	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.34E-09	9.34E-09	9.34E-09	2.12E-06	0.00E+00	3.51E-07	0.00E+00	9.34E-09	5.45E-06	0.00E+00	0.00E+00	5.45E-06
1797	ALL	652424.1	4190916	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.47E-09	9.47E-09	9.47E-09	2.14E-06	0.00E+00	3.56E-07	0.00E+00	9.47E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
1798	ALL	652399.9	4190905	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.17E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
1799	ALL	652375.7	4190893	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.70E-09	9.70E-09	9.70E-09	2.19E-06	0.00E+00	3.64E-07	0.00E+00	9.70E-09	5.65E-06	0.00E+00	0.00E+00	5.65E-06

1800	ALL	652351.5	4190882	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.80E-09	9.80E-09	9.80E-09	2.21E-06	0.00E+00	3.68E-07	0.00E+00	9.80E-09	5.70E-06	0.00E+00	0.00E+00	5.70E-06
1801	ALL	652327.3	4190871	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.89E-09	9.89E-09	9.89E-09	2.23E-06	0.00E+00	3.71E-07	0.00E+00	9.89E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
1802	ALL	652303.2	4190860	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.96E-09	9.96E-09	9.96E-09	2.25E-06	0.00E+00	3.74E-07	0.00E+00	9.96E-09	5.80E-06	0.00E+00	0.00E+00	5.80E-06
1803	ALL	652279	4190849	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.26E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.84E-06	0.00E+00	0.00E+00	5.84E-06
1804	ALL	652254.8	4190838	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
1805	ALL	652230.6	4190827	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.80E-07	0.00E+00	1.01E-08	5.90E-06	0.00E+00	0.00E+00	5.90E-06
1806	ALL	652206.4	4190815	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.31E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.93E-06	0.00E+00	0.00E+00	5.93E-06
1807	ALL	652182.2	4190804	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.83E-07	0.00E+00	1.02E-08	5.95E-06	0.00E+00	0.00E+00	5.95E-06
1808	ALL	652158	4190793	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.33E-06	0.00E+00	3.85E-07	0.00E+00	1.02E-08	5.98E-06	0.00E+00	0.00E+00	5.98E-06
1809	ALL	652133.8	4190782	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.35E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	6.01E-06	0.00E+00	0.00E+00	6.01E-06
1810	ALL	652109.6	4190771	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
1811	ALL	652085.4	4190760	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.38E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
1812	ALL	652061.2	4190749	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.11E-06	0.00E+00	0.00E+00	6.11E-06
1813	ALL	652037	4190738	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.14E-06	0.00E+00	0.00E+00	6.14E-06
1814	ALL	652012.9	4190726	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.42E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.18E-06	0.00E+00	0.00E+00	6.18E-06
1815	ALL	651988.7	4190715	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.44E-06	0.00E+00	4.00E-07	0.00E+00	1.06E-08	6.22E-06	0.00E+00	0.00E+00	6.22E-06
1816	ALL	651964.5	4190704	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.45E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.27E-06	0.00E+00	0.00E+00	6.27E-06
1817	ALL	651940.3	4190693	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.47E-06	0.00E+00	4.05E-07	0.00E+00	1.08E-08	6.31E-06	0.00E+00	0.00E+00	6.31E-06
1818	ALL	651916.1	4190682	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.49E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.35E-06	0.00E+00	0.00E+00	6.35E-06
1819	ALL	651891.9	4190671	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.50E-06	0.00E+00	4.11E-07	0.00E+00	1.09E-08	6.40E-06	0.00E+00	0.00E+00	6.40E-06
1820	ALL	651867.7	4190660	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.45E-06	0.00E+00	0.00E+00	6.45E-06
1821	ALL	651843.5	4190648	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
1822	ALL	651819.3	4190637	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.54E-06	0.00E+00	0.00E+00	6.54E-06
1823	ALL	651795.1	4190626	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.58E-06	0.00E+00	0.00E+00	6.58E-06
1824	ALL	651770.9	4190615	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
1825	ALL	651746.8	4190604	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
1826	ALL	651722.6	4190593	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.62E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
1827	ALL	651698.4	4190582	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.64E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
1828	ALL	651674.2	4190570	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.66E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
1829	ALL	651650	4190559	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
1830	ALL	651625.8	4190548	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
1831	ALL	651601.6	4190537	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06
1832	ALL	651577.4	4190526	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.71E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
1833	ALL	651553.2	4190515	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.72E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
1834	ALL	651529	4190504	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.73E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
1835	ALL	651504.8	4190493	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.74E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
1836	ALL	651480.7	4190481	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
1837	ALL	651456.5	4190470	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.75E-06	0.00E+00	4.60E-07	0.00E+00	1.23E-08	7.12E-06	0.00E+00	0.00E+00	7.12E-06
1838	ALL	653296.2	4191313	NonCancer	0.00E+00	9.95E-08	0.00E+00	6.60E-09	6.60E-09	6.60E-09	1.52E-06	0.00E+00	2.48E-07	0.00E+00	6.60E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1839	ALL	653208.7	4191802	NonCancer	0.00E+00	7.94E-08	0.00E+00	5.26E-09	5.26E-09	5.26E-09	1.22E-06	0.00E+00	1.98E-07	0.00E+00	5.26E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1840	ALL	653184.6	4191791	NonCancer	0.00E+00	7.92E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.22E-06	0.00E+00	1.98E-07	0.00E+00	5.25E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1841	ALL	653160.4	4191779	NonCancer	0.00E+00	7.91E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.22E-06	0.00E+00	1.97E-07	0.00E+00	5.25E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1842	ALL	653136.3	4191768	NonCancer	0.00E+00	7.92E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.23E-06	0.00E+00	1.98E-07	0.00E+00	5.25E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1843	ALL	653112.1	4191757	NonCancer	0.00E+00	7.94E-08	0.00E+00	5.26E-09	5.26E-09	5.26E-09	1.23E-06	0.00E+00	1.98E-07	0.00E+00	5.26E-09	3.10E-06	0.00E+00	0.00E+00	3.10E-06
1844	ALL	653088	4191746	NonCancer	0.00E+00	7.97E-08	0.00E+00	5.29E-09	5.29E-09	5.29E-09	1.24E-06	0.00E+00	1.99E-07	0.00E+00	5.29E-09	3.12E-06	0.00E+00	0.00E+00	3.12E-06
1845	ALL	653063.8	4191735	NonCancer	0.00E+00	8.03E-08	0.00E+00	5.32E-09	5.32E-09	5.32E-09	1.24E-06	0.00E+00	2.00E-07	0.00E+00	5.32E-09	3.14E-06	0.00E+00	0.00E+00	3.14E-06
1846	ALL	653039.7	4191724	NonCancer	0.00E+00	8.10E-08	0.00E+00	5.37E-09	5.37E-09	5.37E-09	1.25E-06	0.00E+00	2.02E-07	0.00E+00	5.37E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
1847	ALL	653015.5	4191713	NonCancer	0.00E+00	8.19E-08	0.00E+00	5.43E-09	5.43E-09	5.43E-09	1.26E-06	0.00E+00	2.04E-07	0.00E+00	5.43E-09	3.20E-06	0.00E+00	0.00E+00	3.20E-06
1848	ALL	652991.4	4191702	NonCancer	0.00E+00	8.30E-08	0.00E+00	5.50E-09	5.50E-09	5.50E-09	1.27E-06	0.00E+00	2.07E-07	0.00E+00	5.50E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
1849	ALL	652967.2	4191690	NonCancer	0.00E+00	8.42E-08	0.00E+00	5.58E-09	5.58E-09	5.58E-09	1.29E-06	0.00E+00	2.10E-07	0.00E+00	5.58E-09	3.27E-06	0.00E+00	0.00E+00	3.27E-06

1850	ALL	652943.1	4191679	NonCancer	0.00E+00	8.55E-08	0.00E+00	5.67E-09	5.67E-09	5.67E-09	1.30E-06	0.00E+00	2.13E-07	0.00E+00	5.67E-09	3.32E-06	0.00E+00	0.00E+00	3.32E-06
1851	ALL	652918.9	4191668	NonCancer	0.00E+00	8.68E-08	0.00E+00	5.76E-09	5.76E-09	5.76E-09	1.31E-06	0.00E+00	2.16E-07	0.00E+00	5.76E-09	3.37E-06	0.00E+00	0.00E+00	3.37E-06
1852	ALL	652894.8	4191657	NonCancer	0.00E+00	8.82E-08	0.00E+00	5.85E-09	5.85E-09	5.85E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.85E-09	3.41E-06	0.00E+00	0.00E+00	3.41E-06
1853	ALL	652870.6	4191646	NonCancer	0.00E+00	8.95E-08	0.00E+00	5.94E-09	5.94E-09	5.94E-09	1.34E-06	0.00E+00	2.23E-07	0.00E+00	5.94E-09	3.46E-06	0.00E+00	0.00E+00	3.46E-06
1854	ALL	652846.5	4191635	NonCancer	0.00E+00	9.08E-08	0.00E+00	6.02E-09	6.02E-09	6.02E-09	1.36E-06	0.00E+00	2.26E-07	0.00E+00	6.02E-09	3.51E-06	0.00E+00	0.00E+00	3.51E-06
1855	ALL	652822.4	4191624	NonCancer	0.00E+00	9.20E-08	0.00E+00	6.11E-09	6.11E-09	6.11E-09	1.37E-06	0.00E+00	2.29E-07	0.00E+00	6.11E-09	3.55E-06	0.00E+00	0.00E+00	3.55E-06
1856	ALL	652798.2	4191613	NonCancer	0.00E+00	9.32E-08	0.00E+00	6.18E-09	6.18E-09	6.18E-09	1.39E-06	0.00E+00	2.32E-07	0.00E+00	6.18E-09	3.59E-06	0.00E+00	0.00E+00	3.59E-06
1857	ALL	652774.1	4191602	NonCancer	0.00E+00	9.42E-08	0.00E+00	6.25E-09	6.25E-09	6.25E-09	1.40E-06	0.00E+00	2.35E-07	0.00E+00	6.25E-09	3.63E-06	0.00E+00	0.00E+00	3.63E-06
1858	ALL	652749.9	4191590	NonCancer	0.00E+00	9.51E-08	0.00E+00	6.31E-09	6.31E-09	6.31E-09	1.42E-06	0.00E+00	2.37E-07	0.00E+00	6.31E-09	3.67E-06	0.00E+00	0.00E+00	3.67E-06
1859	ALL	652725.8	4191579	NonCancer	0.00E+00	9.59E-08	0.00E+00	6.36E-09	6.36E-09	6.36E-09	1.43E-06	0.00E+00	2.39E-07	0.00E+00	6.36E-09	3.70E-06	0.00E+00	0.00E+00	3.70E-06
1860	ALL	652701.6	4191568	NonCancer	0.00E+00	9.65E-08	0.00E+00	6.40E-09	6.40E-09	6.40E-09	1.45E-06	0.00E+00	2.41E-07	0.00E+00	6.40E-09	3.73E-06	0.00E+00	0.00E+00	3.73E-06
1861	ALL	652677.5	4191557	NonCancer	0.00E+00	9.71E-08	0.00E+00	6.44E-09	6.44E-09	6.44E-09	1.46E-06	0.00E+00	2.42E-07	0.00E+00	6.44E-09	3.75E-06	0.00E+00	0.00E+00	3.75E-06
1862	ALL	652653.3	4191546	NonCancer	0.00E+00	9.77E-08	0.00E+00	6.48E-09	6.48E-09	6.48E-09	1.47E-06	0.00E+00	2.43E-07	0.00E+00	6.48E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
1863	ALL	652629.2	4191535	NonCancer	0.00E+00	9.81E-08	0.00E+00	6.51E-09	6.51E-09	6.51E-09	1.48E-06	0.00E+00	2.45E-07	0.00E+00	6.51E-09	3.80E-06	0.00E+00	0.00E+00	3.80E-06
1864	ALL	652605	4191524	NonCancer	0.00E+00	9.86E-08	0.00E+00	6.54E-09	6.54E-09	6.54E-09	1.49E-06	0.00E+00	2.46E-07	0.00E+00	6.54E-09	3.82E-06	0.00E+00	0.00E+00	3.82E-06
1865	ALL	652580.9	4191513	NonCancer	0.00E+00	9.90E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.50E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.84E-06	0.00E+00	0.00E+00	3.84E-06
1866	ALL	652556.7	4191501	NonCancer	0.00E+00	9.95E-08	0.00E+00	6.60E-09	6.60E-09	6.60E-09	1.51E-06	0.00E+00	2.48E-07	0.00E+00	6.60E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1867	ALL	652532.6	4191490	NonCancer	0.00E+00	1.00E-07	0.00E+00	6.64E-09	6.64E-09	6.64E-09	1.53E-06	0.00E+00	2.50E-07	0.00E+00	6.64E-09	3.89E-06	0.00E+00	0.00E+00	3.89E-06
1868	ALL	652508.4	4191479	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.68E-09	6.68E-09	6.68E-09	1.54E-06	0.00E+00	2.51E-07	0.00E+00	6.68E-09	3.92E-06	0.00E+00	0.00E+00	3.92E-06
1869	ALL	652484.3	4191468	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.72E-09	6.72E-09	6.72E-09	1.55E-06	0.00E+00	2.53E-07	0.00E+00	6.72E-09	3.94E-06	0.00E+00	0.00E+00	3.94E-06
1870	ALL	652460.1	4191457	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.56E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
1871	ALL	652436	4191446	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.84E-09	6.84E-09	6.84E-09	1.58E-06	0.00E+00	2.57E-07	0.00E+00	6.84E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
1872	ALL	652411.8	4191435	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.91E-09	6.91E-09	6.91E-09	1.59E-06	0.00E+00	2.60E-07	0.00E+00	6.91E-09	4.05E-06	0.00E+00	0.00E+00	4.05E-06
1873	ALL	652387.7	4191424	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.98E-09	6.98E-09	6.98E-09	1.61E-06	0.00E+00	2.63E-07	0.00E+00	6.98E-09	4.09E-06	0.00E+00	0.00E+00	4.09E-06
1874	ALL	652363.5	4191413	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.07E-09	7.07E-09	7.07E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.07E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
1875	ALL	652339.4	4191401	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.16E-09	7.16E-09	7.16E-09	1.64E-06	0.00E+00	2.69E-07	0.00E+00	7.16E-09	4.19E-06	0.00E+00	0.00E+00	4.19E-06
1876	ALL	652315.2	4191390	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.25E-09	7.25E-09	7.25E-09	1.66E-06	0.00E+00	2.72E-07	0.00E+00	7.25E-09	4.24E-06	0.00E+00	0.00E+00	4.24E-06
1877	ALL	652291.1	4191379	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.34E-09	7.34E-09	7.34E-09	1.67E-06	0.00E+00	2.76E-07	0.00E+00	7.34E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
1878	ALL	652266.9	4191368	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.44E-09	7.44E-09	7.44E-09	1.69E-06	0.00E+00	2.79E-07	0.00E+00	7.44E-09	4.34E-06	0.00E+00	0.00E+00	4.34E-06
1879	ALL	652242.8	4191357	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.53E-09	7.53E-09	7.53E-09	1.71E-06	0.00E+00	2.83E-07	0.00E+00	7.53E-09	4.39E-06	0.00E+00	0.00E+00	4.39E-06
1880	ALL	652218.7	4191346	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.62E-09	7.62E-09	7.62E-09	1.72E-06	0.00E+00	2.86E-07	0.00E+00	7.62E-09	4.44E-06	0.00E+00	0.00E+00	4.44E-06
1881	ALL	652194.5	4191335	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.71E-09	7.71E-09	7.71E-09	1.74E-06	0.00E+00	2.89E-07	0.00E+00	7.71E-09	4.49E-06	0.00E+00	0.00E+00	4.49E-06
1882	ALL	652170.4	4191324	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.79E-09	7.79E-09	7.79E-09	1.75E-06	0.00E+00	2.92E-07	0.00E+00	7.79E-09	4.53E-06	0.00E+00	0.00E+00	4.53E-06
1883	ALL	652146.2	4191313	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.85E-09	7.85E-09	7.85E-09	1.77E-06	0.00E+00	2.95E-07	0.00E+00	7.85E-09	4.57E-06	0.00E+00	0.00E+00	4.57E-06
1884	ALL	652122.1	4191301	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.91E-09	7.91E-09	7.91E-09	1.78E-06	0.00E+00	2.97E-07	0.00E+00	7.91E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
1885	ALL	652097.9	4191290	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.97E-09	7.97E-09	7.97E-09	1.79E-06	0.00E+00	2.99E-07	0.00E+00	7.97E-09	4.63E-06	0.00E+00	0.00E+00	4.63E-06
1886	ALL	652073.8	4191279	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.01E-09	8.01E-09	8.01E-09	1.80E-06	0.00E+00	3.01E-07	0.00E+00	8.01E-09	4.66E-06	0.00E+00	0.00E+00	4.66E-06
1887	ALL	652049.6	4191268	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.05E-09	8.05E-09	8.05E-09	1.82E-06	0.00E+00	3.02E-07	0.00E+00	8.05E-09	4.68E-06	0.00E+00	0.00E+00	4.68E-06
1888	ALL	652025.5	4191257	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.08E-09	8.08E-09	8.08E-09	1.83E-06	0.00E+00	3.03E-07	0.00E+00	8.08E-09	4.70E-06	0.00E+00	0.00E+00	4.70E-06
1889	ALL	652001.3	4191246	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.10E-09	8.10E-09	8.10E-09	1.84E-06	0.00E+00	3.04E-07	0.00E+00	8.10E-09	4.72E-06	0.00E+00	0.00E+00	4.72E-06
1890	ALL	651977.2	4191235	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.13E-09	8.13E-09	8.13E-09	1.85E-06	0.00E+00	3.05E-07	0.00E+00	8.13E-09	4.74E-06	0.00E+00	0.00E+00	4.74E-06
1891	ALL	651953	4191224	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.15E-09	8.15E-09	8.15E-09	1.85E-06	0.00E+00	3.06E-07	0.00E+00	8.15E-09	4.76E-06	0.00E+00	0.00E+00	4.76E-06
1892	ALL	651928.9	4191212	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.18E-09	8.18E-09	8.18E-09	1.86E-06	0.00E+00	3.07E-07	0.00E+00	8.18E-09	4.78E-06	0.00E+00	0.00E+00	4.78E-06
1893	ALL	651904.7	4191201	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.21E-09	8.21E-09	8.21E-09	1.87E-06	0.00E+00	3.08E-07	0.00E+00	8.21E-09	4.80E-06	0.00E+00	0.00E+00	4.80E-06
1894	ALL	651880.6	4191190	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.24E-09	8.24E-09	8.24E-09	1.88E-06	0.00E+00	3.10E-07	0.00E+00	8.24E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
1895	ALL	651856.4	4191179	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.27E-09	8.27E-09	8.27E-09	1.89E-06	0.00E+00	3.11E-07	0.00E+00	8.27E-09	4.84E-06	0.00E+00	0.00E+00	4.84E-06
1896	ALL	651832.3	4191168	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.31E-09	8.31E-09	8.31E-09	1.90E-06	0.00E+00	3.12E-07	0.00E+00	8.31E-09	4.86E-06	0.00E+00	0.00E+00	4.86E-06
1897	ALL	651808.1	4191157	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.35E-09	8.35E-09	8.35E-09	1.91E-06	0.00E+00	3.14E-07	0.00E+00	8.35E-09	4.88E-06	0.00E+00	0.00E+00	4.88E-06
1898	ALL	651784	4191146	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.39E-09	8.39E-09	8.39E-09	1.92E-06	0.00E+00	3.15E-07	0.00E+00	8.39E-09	4.91E-06	0.00E+00	0.00E+00	4.91E-06
1899	ALL	651759.8	4191135	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.44E-09	8.44E-09	8.44E-09	1.93E-06	0.00E+00	3.17E-07	0.00E+00	8.44E-09	4.94E-06	0.00E+00	0.00E+00	4.94E-06

1900	ALL	651735.7	4191124	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.49E-09	8.49E-09	8.49E-09	1.94E-06	0.00E+00	3.19E-07	0.00E+00	8.49E-09	4.97E-06	0.00E+00	0.00E+00	4.97E-06
1901	ALL	651711.5	4191112	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.95E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
1902	ALL	651687.4	4191101	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.59E-09	8.59E-09	8.59E-09	1.97E-06	0.00E+00	3.23E-07	0.00E+00	8.59E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1903	ALL	651663.2	4191090	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.64E-09	8.64E-09	8.64E-09	1.98E-06	0.00E+00	3.25E-07	0.00E+00	8.64E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
1904	ALL	651639.1	4191079	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.70E-09	8.70E-09	8.70E-09	1.99E-06	0.00E+00	3.27E-07	0.00E+00	8.70E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
1905	ALL	651615	4191068	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.75E-09	8.75E-09	8.75E-09	2.00E-06	0.00E+00	3.29E-07	0.00E+00	8.75E-09	5.12E-06	0.00E+00	0.00E+00	5.12E-06
1906	ALL	651590.8	4191057	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.80E-09	8.80E-09	8.80E-09	2.01E-06	0.00E+00	3.31E-07	0.00E+00	8.80E-09	5.15E-06	0.00E+00	0.00E+00	5.15E-06
1907	ALL	651566.7	4191046	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.85E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
1908	ALL	651542.5	4191035	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.91E-09	8.91E-09	8.91E-09	2.03E-06	0.00E+00	3.35E-07	0.00E+00	8.91E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
1909	ALL	651518.4	4191023	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.96E-09	8.96E-09	8.96E-09	2.05E-06	0.00E+00	3.37E-07	0.00E+00	8.96E-09	5.24E-06	0.00E+00	0.00E+00	5.24E-06
1910	ALL	651494.2	4191012	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.02E-09	9.02E-09	9.02E-09	2.06E-06	0.00E+00	3.39E-07	0.00E+00	9.02E-09	5.27E-06	0.00E+00	0.00E+00	5.27E-06
1911	ALL	651470.1	4191001	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.07E-09	9.07E-09	9.07E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.07E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
1912	ALL	651445.9	4190990	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.13E-09	9.13E-09	9.13E-09	2.08E-06	0.00E+00	3.43E-07	0.00E+00	9.13E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
1913	ALL	651421.8	4190979	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.19E-09	9.19E-09	9.19E-09	2.09E-06	0.00E+00	3.45E-07	0.00E+00	9.19E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
1914	ALL	651397.6	4190968	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.24E-09	9.24E-09	9.24E-09	2.11E-06	0.00E+00	3.47E-07	0.00E+00	9.24E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
1915	ALL	651373.5	4190957	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.30E-09	9.30E-09	9.30E-09	2.12E-06	0.00E+00	3.50E-07	0.00E+00	9.30E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
1916	ALL	651349.3	4190946	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.36E-09	9.36E-09	9.36E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.36E-09	5.46E-06	0.00E+00	0.00E+00	5.46E-06
1917	ALL	651325.2	4190935	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.42E-09	9.42E-09	9.42E-09	2.14E-06	0.00E+00	3.54E-07	0.00E+00	9.42E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
1918	ALL	651301	4190923	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.47E-09	9.47E-09	9.47E-09	2.15E-06	0.00E+00	3.56E-07	0.00E+00	9.47E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
1919	ALL	651276.9	4190912	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.53E-09	9.53E-09	9.53E-09	2.16E-06	0.00E+00	3.58E-07	0.00E+00	9.53E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
1920	ALL	651252.7	4190901	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.17E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.58E-06	0.00E+00	0.00E+00	5.58E-06
1921	ALL	651228.6	4190890	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.64E-09	9.64E-09	9.64E-09	2.17E-06	0.00E+00	3.62E-07	0.00E+00	9.64E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
1922	ALL	651204.4	4190879	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.69E-09	9.69E-09	9.69E-09	2.18E-06	0.00E+00	3.64E-07	0.00E+00	9.69E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
1923	ALL	651180.3	4190868	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.19E-06	0.00E+00	3.65E-07	0.00E+00	9.73E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
1924	ALL	651156.1	4190857	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.77E-09	9.77E-09	9.77E-09	2.19E-06	0.00E+00	3.67E-07	0.00E+00	9.77E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
1925	ALL	651132	4190846	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.79E-09	9.79E-09	9.79E-09	2.20E-06	0.00E+00	3.68E-07	0.00E+00	9.79E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
1926	ALL	653234.1	4191809	NonCancer	0.00E+00	7.97E-08	0.00E+00	5.29E-09	5.29E-09	5.29E-09	1.22E-06	0.00E+00	1.99E-07	0.00E+00	5.29E-09	3.10E-06	0.00E+00	0.00E+00	3.10E-06
1927	ALL	653712.3	4188014	NonCancer	0.00E+00	1.52E-04	0.00E+00	1.01E-05	1.01E-05	1.01E-05	2.34E-03	0.00E+00	3.80E-04	0.00E+00	1.01E-05	5.91E-03	0.00E+00	0.00E+00	5.91E-03
1928	ALL	653736.8	4188014	NonCancer	0.00E+00	1.32E-04	0.00E+00	8.74E-06	8.74E-06	8.74E-06	1.95E-03	0.00E+00	3.28E-04	0.00E+00	8.74E-06	5.06E-03	0.00E+00	0.00E+00	5.06E-03
1929	ALL	653761.4	4188014	NonCancer	0.00E+00	1.06E-04	0.00E+00	7.02E-06	7.02E-06	7.02E-06	1.57E-03	0.00E+00	2.63E-04	0.00E+00	7.02E-06	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1930	ALL	653785.9	4188014	NonCancer	0.00E+00	8.17E-05	0.00E+00	5.42E-06	5.42E-06	5.42E-06	1.21E-03	0.00E+00	2.03E-04	0.00E+00	5.42E-06	3.14E-03	0.00E+00	0.00E+00	3.14E-03
1931	ALL	653810.5	4188014	NonCancer	0.00E+00	6.40E-05	0.00E+00	4.25E-06	4.25E-06	4.25E-06	9.17E-04	0.00E+00	1.59E-04	0.00E+00	4.25E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
1932	ALL	653736.8	4188039	NonCancer	0.00E+00	6.46E-05	0.00E+00	4.28E-06	4.28E-06	4.28E-06	1.01E-03	0.00E+00	1.61E-04	0.00E+00	4.28E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
1933	ALL	653761.4	4188039	NonCancer	0.00E+00	5.65E-05	0.00E+00	3.75E-06	3.75E-06	3.75E-06	8.49E-04	0.00E+00	1.41E-04	0.00E+00	3.75E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1934	ALL	653785.9	4188039	NonCancer	0.00E+00	4.77E-05	0.00E+00	3.17E-06	3.17E-06	3.17E-06	7.15E-04	0.00E+00	1.19E-04	0.00E+00	3.17E-06	1.84E-03	0.00E+00	0.00E+00	1.84E-03
1935	ALL	653810.5	4188039	NonCancer	0.00E+00	3.98E-05	0.00E+00	2.64E-06	2.64E-06	2.64E-06	6.02E-04	0.00E+00	9.93E-05	0.00E+00	2.64E-06	1.54E-03	0.00E+00	0.00E+00	1.54E-03
1936	ALL	653736.8	4188064	NonCancer	0.00E+00	3.88E-05	0.00E+00	2.57E-06	2.57E-06	2.57E-06	6.19E-04	0.00E+00	9.68E-05	0.00E+00	2.57E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
1937	ALL	653761.4	4188064	NonCancer	0.00E+00	3.54E-05	0.00E+00	2.35E-06	2.35E-06	2.35E-06	5.43E-04	0.00E+00	8.82E-05	0.00E+00	2.35E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1938	ALL	653785.9	4188064	NonCancer	0.00E+00	3.14E-05	0.00E+00	2.09E-06	2.09E-06	2.09E-06	4.73E-04	0.00E+00	7.83E-05	0.00E+00	2.09E-06	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1939	ALL	653810.5	4188064	NonCancer	0.00E+00	2.75E-05	0.00E+00	1.82E-06	1.82E-06	1.82E-06	4.13E-04	0.00E+00	6.85E-05	0.00E+00	1.82E-06	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1940	ALL	653736.8	4188089	NonCancer	0.00E+00	2.61E-05	0.00E+00	1.73E-06	1.73E-06	1.73E-06	4.19E-04	0.00E+00	6.52E-05	0.00E+00	1.73E-06	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1941	ALL	653761.4	4188089	NonCancer	0.00E+00	2.44E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.79E-04	0.00E+00	6.09E-05	0.00E+00	1.62E-06	9.52E-04	0.00E+00	0.00E+00	9.52E-04
1942	ALL	653785.9	4188089	NonCancer	0.00E+00	2.24E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	3.40E-04	0.00E+00	5.57E-05	0.00E+00	1.48E-06	8.67E-04	0.00E+00	0.00E+00	8.67E-04
1943	ALL	653810.5	4188089	NonCancer	0.00E+00	2.02E-05	0.00E+00	1.34E-06	1.34E-06	1.34E-06	3.04E-04	0.00E+00	5.03E-05	0.00E+00	1.34E-06	7.80E-04	0.00E+00	0.00E+00	7.80E-04
1944	ALL	653736.8	4188139	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.56E-07	9.56E-07	9.56E-07	2.30E-04	0.00E+00	3.60E-05	0.00E+00	9.56E-07	5.67E-04	0.00E+00	0.00E+00	5.67E-04
1945	ALL	653761.4	4188139	NonCancer	0.00E+00	1.38E-05	0.00E+00	9.16E-07	9.16E-07	9.16E-07	2.16E-04	0.00E+00	3.45E-05	0.00E+00	9.16E-07	5.40E-04	0.00E+00	0.00E+00	5.40E-04
1946	ALL	653785.9	4188139	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.67E-07	8.67E-07	8.67E-07	2.02E-04	0.00E+00	3.26E-05	0.00E+00	8.67E-07	5.09E-04	0.00E+00	0.00E+00	5.09E-04
1947	ALL	653810.5	4188139	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.14E-07	8.14E-07	8.14E-07	1.87E-04	0.00E+00	3.06E-05	0.00E+00	8.14E-07	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1948	ALL	653712.3	4188189	NonCancer	0.00E+00	9.52E-06	0.00E+00	6.31E-07	6.31E-07	6.31E-07	1.52E-04	0.00E+00	2.38E-05	0.00E+00	6.31E-07	3.75E-04	0.00E+00	0.00E+00	3.75E-04
1949	ALL	653736.8	4188189	NonCancer	0.00E+00	9.27E-06	0.00E+00	6.15E-07	6.15E-07	6.15E-07	1.47E-04	0.00E+00	2.32E-05	0.00E+00	6.15E-07	3.64E-04	0.00E+00	0.00E+00	3.64E-04

1950	ALL	653761.4	4188189	NonCancer	0.00E+00	8.99E-06	0.00E+00	5.97E-07	5.97E-07	5.97E-07	1.41E-04	0.00E+00	2.25E-05	0.00E+00	5.97E-07	3.52E-04	0.00E+00	0.00E+00	3.52E-04
1951	ALL	653785.9	4188189	NonCancer	0.00E+00	8.65E-06	0.00E+00	5.74E-07	5.74E-07	5.74E-07	1.34E-04	0.00E+00	2.16E-05	0.00E+00	5.74E-07	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1952	ALL	653810.5	4188189	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.27E-04	0.00E+00	2.06E-05	0.00E+00	5.49E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1953	ALL	653712.3	4188239	NonCancer	0.00E+00	6.66E-06	0.00E+00	4.42E-07	4.42E-07	4.42E-07	1.06E-04	0.00E+00	1.66E-05	0.00E+00	4.42E-07	2.62E-04	0.00E+00	0.00E+00	2.62E-04
1954	ALL	653736.8	4188239	NonCancer	0.00E+00	6.53E-06	0.00E+00	4.33E-07	4.33E-07	4.33E-07	1.03E-04	0.00E+00	1.63E-05	0.00E+00	4.33E-07	2.56E-04	0.00E+00	0.00E+00	2.56E-04
1955	ALL	653761.4	4188239	NonCancer	0.00E+00	6.38E-06	0.00E+00	4.23E-07	4.23E-07	4.23E-07	9.98E-05	0.00E+00	1.59E-05	0.00E+00	4.23E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
1956	ALL	653785.9	4188239	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.11E-07	4.11E-07	4.11E-07	9.62E-05	0.00E+00	1.55E-05	0.00E+00	4.11E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
1957	ALL	653810.5	4188239	NonCancer	0.00E+00	5.99E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	9.23E-05	0.00E+00	1.49E-05	0.00E+00	3.97E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
1958	ALL	653712.3	4188289	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.29E-07	3.29E-07	3.29E-07	7.82E-05	0.00E+00	1.24E-05	0.00E+00	3.29E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1959	ALL	653736.8	4188289	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.24E-07	3.24E-07	3.24E-07	7.66E-05	0.00E+00	1.22E-05	0.00E+00	3.24E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
1960	ALL	653761.4	4188289	NonCancer	0.00E+00	4.80E-06	0.00E+00	3.18E-07	3.18E-07	3.18E-07	7.48E-05	0.00E+00	1.20E-05	0.00E+00	3.18E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
1961	ALL	653785.9	4188289	NonCancer	0.00E+00	4.69E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	7.27E-05	0.00E+00	1.17E-05	0.00E+00	3.11E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
1962	ALL	653810.5	4188289	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	7.04E-05	0.00E+00	1.14E-05	0.00E+00	3.02E-07	1.78E-04	0.00E+00	0.00E+00	1.78E-04
1963	ALL	653712.3	4188339	NonCancer	0.00E+00	3.87E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	6.05E-05	0.00E+00	9.66E-06	0.00E+00	2.57E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
1964	ALL	653736.8	4188339	NonCancer	0.00E+00	3.82E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.95E-05	0.00E+00	9.52E-06	0.00E+00	2.53E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
1965	ALL	653761.4	4188339	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.84E-05	0.00E+00	9.38E-06	0.00E+00	2.49E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1966	ALL	653785.9	4188339	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.71E-05	0.00E+00	9.21E-06	0.00E+00	2.45E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
1967	ALL	653810.5	4188339	NonCancer	0.00E+00	3.60E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.56E-05	0.00E+00	8.99E-06	0.00E+00	2.39E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1968	ALL	653693.7	4188438	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	4.04E-05	0.00E+00	6.48E-06	0.00E+00	1.72E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
1969	ALL	653736.8	4188439	NonCancer	0.00E+00	2.54E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.94E-05	0.00E+00	6.34E-06	0.00E+00	1.69E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
1970	ALL	653761.4	4188439	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.88E-05	0.00E+00	6.27E-06	0.00E+00	1.67E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
1971	ALL	653785.9	4188439	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.82E-05	0.00E+00	6.19E-06	0.00E+00	1.65E-07	9.67E-05	0.00E+00	0.00E+00	9.67E-05
1972	ALL	653810.5	4188439	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.75E-05	0.00E+00	6.09E-06	0.00E+00	1.62E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
1973	ALL	653689.5	4188537	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.89E-05	0.00E+00	4.67E-06	0.00E+00	1.24E-07	7.30E-05	0.00E+00	0.00E+00	7.30E-05
1974	ALL	653666.7	4188536	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.93E-05	0.00E+00	4.70E-06	0.00E+00	1.25E-07	7.36E-05	0.00E+00	0.00E+00	7.36E-05
1975	ALL	653712.3	4188539	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.86E-05	0.00E+00	4.62E-06	0.00E+00	1.23E-07	7.22E-05	0.00E+00	0.00E+00	7.22E-05
1976	ALL	653736.8	4188539	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.83E-05	0.00E+00	4.57E-06	0.00E+00	1.22E-07	7.15E-05	0.00E+00	0.00E+00	7.15E-05
1977	ALL	653761.4	4188539	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.80E-05	0.00E+00	4.53E-06	0.00E+00	1.20E-07	7.08E-05	0.00E+00	0.00E+00	7.08E-05
1978	ALL	653785.9	4188539	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.77E-05	0.00E+00	4.49E-06	0.00E+00	1.20E-07	7.01E-05	0.00E+00	0.00E+00	7.01E-05
1979	ALL	653810.5	4188539	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.73E-05	0.00E+00	4.45E-06	0.00E+00	1.18E-07	6.93E-05	0.00E+00	0.00E+00	6.93E-05
1980	ALL	653692.1	4188637	NonCancer	0.00E+00	1.42E-06	0.00E+00	9.45E-08	9.45E-08	9.45E-08	2.19E-05	0.00E+00	3.55E-06	0.00E+00	9.45E-08	5.54E-05	0.00E+00	0.00E+00	5.54E-05
1981	ALL	653736.8	4188639	NonCancer	0.00E+00	1.40E-06	0.00E+00	9.26E-08	9.26E-08	9.26E-08	2.15E-05	0.00E+00	3.48E-06	0.00E+00	9.26E-08	5.44E-05	0.00E+00	0.00E+00	5.44E-05
1982	ALL	653761.4	4188639	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.19E-08	9.19E-08	9.19E-08	2.13E-05	0.00E+00	3.45E-06	0.00E+00	9.19E-08	5.40E-05	0.00E+00	0.00E+00	5.40E-05
1983	ALL	653785.9	4188639	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.13E-08	9.13E-08	9.13E-08	2.11E-05	0.00E+00	3.43E-06	0.00E+00	9.13E-08	5.36E-05	0.00E+00	0.00E+00	5.36E-05
1984	ALL	653810.5	4188639	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.07E-08	9.07E-08	9.07E-08	2.09E-05	0.00E+00	3.41E-06	0.00E+00	9.07E-08	5.31E-05	0.00E+00	0.00E+00	5.31E-05
1985	ALL	653689	4188737	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.48E-08	7.48E-08	7.48E-08	1.73E-05	0.00E+00	2.81E-06	0.00E+00	7.48E-08	4.39E-05	0.00E+00	0.00E+00	4.39E-05
1986	ALL	653665.7	4188736	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.53E-08	7.53E-08	7.53E-08	1.74E-05	0.00E+00	2.83E-06	0.00E+00	7.53E-08	4.42E-05	0.00E+00	0.00E+00	4.42E-05
1987	ALL	653642.4	4188734	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.54E-08	7.54E-08	7.54E-08	1.75E-05	0.00E+00	2.84E-06	0.00E+00	7.54E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
1988	ALL	653712.3	4188739	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.41E-08	7.41E-08	7.41E-08	1.71E-05	0.00E+00	2.78E-06	0.00E+00	7.41E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05
1989	ALL	653736.8	4188739	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.33E-08	7.33E-08	7.33E-08	1.70E-05	0.00E+00	2.76E-06	0.00E+00	7.33E-08	4.31E-05	0.00E+00	0.00E+00	4.31E-05
1990	ALL	653761.4	4188739	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.28E-08	7.28E-08	7.28E-08	1.69E-05	0.00E+00	2.74E-06	0.00E+00	7.28E-08	4.28E-05	0.00E+00	0.00E+00	4.28E-05
1991	ALL	653785.9	4188739	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.24E-08	7.24E-08	7.24E-08	1.67E-05	0.00E+00	2.72E-06	0.00E+00	7.24E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
1992	ALL	653810.5	4188739	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.21E-08	7.21E-08	7.21E-08	1.66E-05	0.00E+00	2.71E-06	0.00E+00	7.21E-08	4.22E-05	0.00E+00	0.00E+00	4.22E-05
1993	ALL	653691.2	4188837	NonCancer	0.00E+00	9.19E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.40E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
1994	ALL	653648.9	4188835	NonCancer	0.00E+00	9.27E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.42E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.61E-05	0.00E+00	0.00E+00	3.61E-05
1995	ALL	653736.8	4188839	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.98E-08	5.98E-08	5.98E-08	1.38E-05	0.00E+00	2.25E-06	0.00E+00	5.98E-08	3.51E-05	0.00E+00	0.00E+00	3.51E-05
1996	ALL	653761.4	4188839	NonCancer	0.00E+00	8.95E-07	0.00E+00	5.94E-08	5.94E-08	5.94E-08	1.38E-05	0.00E+00	2.23E-06	0.00E+00	5.94E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
1997	ALL	653785.9	4188839	NonCancer	0.00E+00	8.91E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.37E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
1998	ALL	653810.5	4188839	NonCancer	0.00E+00	8.89E-07	0.00E+00	5.90E-08	5.90E-08	5.90E-08	1.36E-05	0.00E+00	2.22E-06	0.00E+00	5.90E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
1999	ALL	653689.5	4189087	NonCancer	0.00E+00	6.03E-07	0.00E+00	4.00E-08	4.00E-08	4.00E-08	9.18E-06	0.00E+00	1.50E-06	0.00E+00	4.00E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05

2000	ALL	653666.7	4189086	NonCancer	0.00E+00	6.07E-07	0.00E+00	4.03E-08	4.03E-08	4.03E-08	9.23E-06	0.00E+00	1.51E-06	0.00E+00	4.03E-08	2.36E-05	0.00E+00	0.00E+00	2.36E-05
2001	ALL	653644	4189084	NonCancer	0.00E+00	6.10E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.28E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2002	ALL	653621.2	4189083	NonCancer	0.00E+00	6.10E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.31E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2003	ALL	653598.4	4189082	NonCancer	0.00E+00	6.08E-07	0.00E+00	4.03E-08	4.03E-08	4.03E-08	9.34E-06	0.00E+00	1.52E-06	0.00E+00	4.03E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2004	ALL	653712.3	4189089	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.11E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
2005	ALL	653736.8	4189089	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.92E-08	3.92E-08	3.92E-08	9.07E-06	0.00E+00	1.48E-06	0.00E+00	3.92E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
2006	ALL	653761.4	4189089	NonCancer	0.00E+00	5.88E-07	0.00E+00	3.90E-08	3.90E-08	3.90E-08	9.02E-06	0.00E+00	1.47E-06	0.00E+00	3.90E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
2007	ALL	653785.9	4189089	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.98E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2008	ALL	653810.5	4189089	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.94E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
2009	ALL	653688.3	4189337	NonCancer	0.00E+00	4.31E-07	0.00E+00	2.86E-08	2.86E-08	2.86E-08	6.55E-06	0.00E+00	1.07E-06	0.00E+00	2.86E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
2010	ALL	653664.4	4189336	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.59E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2011	ALL	653640.4	4189334	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.62E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2012	ALL	653616.5	4189333	NonCancer	0.00E+00	4.38E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.65E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2013	ALL	653592.5	4189331	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.66E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2014	ALL	653568.6	4189330	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.67E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2015	ALL	653712.3	4189339	NonCancer	0.00E+00	4.27E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.51E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2016	ALL	653736.8	4189339	NonCancer	0.00E+00	4.24E-07	0.00E+00	2.81E-08	2.81E-08	2.81E-08	6.48E-06	0.00E+00	1.06E-06	0.00E+00	2.81E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
2017	ALL	653761.4	4189339	NonCancer	0.00E+00	4.21E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.46E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.64E-05	0.00E+00	0.00E+00	1.64E-05
2018	ALL	653785.9	4189339	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.43E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
2019	ALL	653810.5	4189339	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.78E-08	2.78E-08	2.78E-08	6.41E-06	0.00E+00	1.05E-06	0.00E+00	2.78E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
2020	ALL	653690.2	4189587	NonCancer	0.00E+00	3.26E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.96E-06	0.00E+00	8.13E-07	0.00E+00	2.16E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2021	ALL	653646	4189585	NonCancer	0.00E+00	3.31E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	5.00E-06	0.00E+00	8.25E-07	0.00E+00	2.20E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
2022	ALL	653601.9	4189582	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.04E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2023	ALL	653557.7	4189579	NonCancer	0.00E+00	3.32E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	5.05E-06	0.00E+00	8.27E-07	0.00E+00	2.20E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2024	ALL	653736.8	4189589	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.91E-06	0.00E+00	8.01E-07	0.00E+00	2.13E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
2025	ALL	653761.4	4189589	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.90E-06	0.00E+00	7.97E-07	0.00E+00	2.12E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2026	ALL	653785.9	4189589	NonCancer	0.00E+00	3.19E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.88E-06	0.00E+00	7.95E-07	0.00E+00	2.11E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2027	ALL	653810.5	4189589	NonCancer	0.00E+00	3.18E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.87E-06	0.00E+00	7.94E-07	0.00E+00	2.11E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2028	ALL	653689.3	4189837	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.91E-06	0.00E+00	6.42E-07	0.00E+00	1.71E-08	9.99E-06	0.00E+00	0.00E+00	9.99E-06
2029	ALL	653666.3	4189836	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.93E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2030	ALL	653643.4	4189834	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.95E-06	0.00E+00	6.52E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2031	ALL	653620.4	4189833	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.96E-06	0.00E+00	6.55E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2032	ALL	653597.4	4189832	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.97E-06	0.00E+00	6.57E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2033	ALL	653574.4	4189830	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.98E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2034	ALL	653551.4	4189829	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.99E-06	0.00E+00	6.56E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2035	ALL	653528.5	4189827	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.99E-06	0.00E+00	6.54E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2036	ALL	653505.5	4189826	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.99E-06	0.00E+00	6.50E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2037	ALL	653712.3	4189839	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.89E-06	0.00E+00	6.37E-07	0.00E+00	1.69E-08	9.92E-06	0.00E+00	0.00E+00	9.92E-06
2038	ALL	653736.8	4189839	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.88E-06	0.00E+00	6.33E-07	0.00E+00	1.68E-08	9.87E-06	0.00E+00	0.00E+00	9.87E-06
2039	ALL	653761.4	4189839	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.87E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.83E-06	0.00E+00	0.00E+00	9.83E-06
2040	ALL	653785.9	4189839	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.86E-06	0.00E+00	6.28E-07	0.00E+00	1.67E-08	9.80E-06	0.00E+00	0.00E+00	9.80E-06
2041	ALL	653810.5	4189839	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.85E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.79E-06	0.00E+00	0.00E+00	9.79E-06
2042	ALL	653688	4190337	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.65E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
2043	ALL	653663.6	4190336	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.66E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2044	ALL	653639.3	4190334	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2045	ALL	653615	4190333	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.68E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2046	ALL	653590.7	4190331	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.69E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
2047	ALL	653566.3	4190330	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06
2048	ALL	653542	4190328	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.49E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
2049	ALL	653517.7	4190327	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06

2050	ALL	653493.4	4190325	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.94E-06	0.00E+00	0.00E+00	6.94E-06
2051	ALL	653469	4190323	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.71E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
2052	ALL	653444.7	4190322	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.42E-07	0.00E+00	1.17E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
2053	ALL	653712.3	4190339	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.64E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
2054	ALL	653736.8	4190339	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
2055	ALL	653761.4	4190339	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
2056	ALL	653785.9	4190339	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
2057	ALL	653810.5	4190339	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.62E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
2058	ALL	653688.7	4190837	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.49E-09	8.49E-09	8.49E-09	1.94E-06	0.00E+00	3.19E-07	0.00E+00	8.49E-09	4.96E-06	0.00E+00	0.00E+00	4.96E-06
2059	ALL	653665.1	4190836	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.95E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
2060	ALL	653641.5	4190834	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.60E-09	8.60E-09	8.60E-09	1.96E-06	0.00E+00	3.23E-07	0.00E+00	8.60E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
2061	ALL	653617.9	4190833	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.65E-09	8.65E-09	8.65E-09	1.96E-06	0.00E+00	3.25E-07	0.00E+00	8.65E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06
2062	ALL	653594.3	4190831	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.70E-09	8.70E-09	8.70E-09	1.97E-06	0.00E+00	3.27E-07	0.00E+00	8.70E-09	5.07E-06	0.00E+00	0.00E+00	5.07E-06
2063	ALL	653570.7	4190830	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.73E-09	8.73E-09	8.73E-09	1.98E-06	0.00E+00	3.28E-07	0.00E+00	8.73E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2064	ALL	653547.1	4190828	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.76E-09	8.76E-09	8.76E-09	1.98E-06	0.00E+00	3.29E-07	0.00E+00	8.76E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
2065	ALL	653523.5	4190827	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.78E-09	8.78E-09	8.78E-09	1.98E-06	0.00E+00	3.30E-07	0.00E+00	8.78E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2066	ALL	653499.9	4190825	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.78E-09	8.78E-09	8.78E-09	1.99E-06	0.00E+00	3.30E-07	0.00E+00	8.78E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2067	ALL	653476.3	4190824	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	1.99E-06	0.00E+00	3.29E-07	0.00E+00	8.77E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2068	ALL	653452.7	4190822	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.75E-09	8.75E-09	8.75E-09	1.99E-06	0.00E+00	3.29E-07	0.00E+00	8.75E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
2069	ALL	653429.1	4190821	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.71E-09	8.71E-09	8.71E-09	1.98E-06	0.00E+00	3.27E-07	0.00E+00	8.71E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2070	ALL	653405.5	4190820	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.66E-09	8.66E-09	8.66E-09	1.98E-06	0.00E+00	3.26E-07	0.00E+00	8.66E-09	5.07E-06	0.00E+00	0.00E+00	5.07E-06
2071	ALL	653381.9	4190818	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.61E-09	8.61E-09	8.61E-09	1.98E-06	0.00E+00	3.24E-07	0.00E+00	8.61E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06
2072	ALL	653712.3	4190839	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.43E-09	8.43E-09	8.43E-09	1.93E-06	0.00E+00	3.17E-07	0.00E+00	8.43E-09	4.94E-06	0.00E+00	0.00E+00	4.94E-06
2073	ALL	653736.8	4190839	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.39E-09	8.39E-09	8.39E-09	1.93E-06	0.00E+00	3.15E-07	0.00E+00	8.39E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06
2074	ALL	653761.4	4190839	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.36E-09	8.36E-09	8.36E-09	1.92E-06	0.00E+00	3.14E-07	0.00E+00	8.36E-09	4.90E-06	0.00E+00	0.00E+00	4.90E-06
2075	ALL	653785.9	4190839	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.33E-09	8.33E-09	8.33E-09	1.92E-06	0.00E+00	3.13E-07	0.00E+00	8.33E-09	4.89E-06	0.00E+00	0.00E+00	4.89E-06
2076	ALL	653810.5	4190839	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.32E-09	8.32E-09	8.32E-09	1.92E-06	0.00E+00	3.13E-07	0.00E+00	8.32E-09	4.88E-06	0.00E+00	0.00E+00	4.88E-06
2077	ALL	653687.8	4191337	NonCancer	0.00E+00	9.88E-08	0.00E+00	6.55E-09	6.55E-09	6.55E-09	1.50E-06	0.00E+00	2.46E-07	0.00E+00	6.55E-09	3.83E-06	0.00E+00	0.00E+00	3.83E-06
2078	ALL	653663.3	4191336	NonCancer	0.00E+00	9.94E-08	0.00E+00	6.59E-09	6.59E-09	6.59E-09	1.50E-06	0.00E+00	2.48E-07	0.00E+00	6.59E-09	3.85E-06	0.00E+00	0.00E+00	3.85E-06
2079	ALL	653638.9	4191334	NonCancer	0.00E+00	1.00E-07	0.00E+00	6.63E-09	6.63E-09	6.63E-09	1.51E-06	0.00E+00	2.49E-07	0.00E+00	6.63E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
2080	ALL	653614.4	4191333	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.67E-09	6.67E-09	6.67E-09	1.51E-06	0.00E+00	2.51E-07	0.00E+00	6.67E-09	3.89E-06	0.00E+00	0.00E+00	3.89E-06
2081	ALL	653589.9	4191331	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.70E-09	6.70E-09	6.70E-09	1.52E-06	0.00E+00	2.52E-07	0.00E+00	6.70E-09	3.91E-06	0.00E+00	0.00E+00	3.91E-06
2082	ALL	653565.4	4191330	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.73E-09	6.73E-09	6.73E-09	1.52E-06	0.00E+00	2.53E-07	0.00E+00	6.73E-09	3.92E-06	0.00E+00	0.00E+00	3.92E-06
2083	ALL	653540.9	4191328	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.76E-09	6.76E-09	6.76E-09	1.53E-06	0.00E+00	2.54E-07	0.00E+00	6.76E-09	3.94E-06	0.00E+00	0.00E+00	3.94E-06
2084	ALL	653516.5	4191326	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2085	ALL	653492	4191325	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.79E-09	6.79E-09	6.79E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.79E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2086	ALL	653467.5	4191323	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.80E-09	6.80E-09	6.80E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.80E-09	3.96E-06	0.00E+00	0.00E+00	3.96E-06
2087	ALL	653443	4191322	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.79E-09	6.79E-09	6.79E-09	1.54E-06	0.00E+00	2.55E-07	0.00E+00	6.79E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2088	ALL	653418.6	4191320	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2089	ALL	653394.1	4191319	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.76E-09	6.76E-09	6.76E-09	1.53E-06	0.00E+00	2.54E-07	0.00E+00	6.76E-09	3.94E-06	0.00E+00	0.00E+00	3.94E-06
2090	ALL	653369.6	4191317	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.73E-09	6.73E-09	6.73E-09	1.53E-06	0.00E+00	2.53E-07	0.00E+00	6.73E-09	3.93E-06	0.00E+00	0.00E+00	3.93E-06
2091	ALL	653345.1	4191316	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.69E-09	6.69E-09	6.69E-09	1.53E-06	0.00E+00	2.51E-07	0.00E+00	6.69E-09	3.91E-06	0.00E+00	0.00E+00	3.91E-06
2092	ALL	653320.6	4191314	NonCancer	0.00E+00	1.00E-07	0.00E+00	6.65E-09	6.65E-09	6.65E-09	1.53E-06	0.00E+00	2.50E-07	0.00E+00	6.65E-09	3.89E-06	0.00E+00	0.00E+00	3.89E-06
2093	ALL	653712.3	4191339	NonCancer	0.00E+00	9.82E-08	0.00E+00	6.51E-09	6.51E-09	6.51E-09	1.49E-06	0.00E+00	2.45E-07	0.00E+00	6.51E-09	3.81E-06	0.00E+00	0.00E+00	3.81E-06
2094	ALL	653736.8	4191339	NonCancer	0.00E+00	9.77E-08	0.00E+00	6.48E-09	6.48E-09	6.48E-09	1.49E-06	0.00E+00	2.44E-07	0.00E+00	6.48E-09	3.80E-06	0.00E+00	0.00E+00	3.80E-06
2095	ALL	653761.4	4191339	NonCancer	0.00E+00	9.73E-08	0.00E+00	6.46E-09	6.46E-09	6.46E-09	1.49E-06	0.00E+00	2.43E-07	0.00E+00	6.46E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2096	ALL	653785.9	4191339	NonCancer	0.00E+00	9.71E-08	0.00E+00	6.44E-09	6.44E-09	6.44E-09	1.48E-06	0.00E+00	2.42E-07	0.00E+00	6.44E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2097	ALL	653810.5	4191339	NonCancer	0.00E+00	9.69E-08	0.00E+00	6.43E-09	6.43E-09	6.43E-09	1.48E-06	0.00E+00	2.42E-07	0.00E+00	6.43E-09	3.77E-06	0.00E+00	0.00E+00	3.77E-06
2098	ALL	653688.4	4191837	NonCancer	0.00E+00	7.91E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.20E-06	0.00E+00	1.97E-07	0.00E+00	5.25E-09	3.07E-06	0.00E+00	0.00E+00	3.07E-06
2099	ALL	653664.5	4191836	NonCancer	0.00E+00	7.95E-08	0.00E+00	5.28E-09	5.28E-09	5.28E-09	1.20E-06	0.00E+00	1.98E-07	0.00E+00	5.28E-09	3.08E-06	0.00E+00	0.00E+00	3.08E-06

2100	ALL	653640.6	4191834	NonCancer	0.00E+00	7.99E-08	0.00E+00	5.30E-09	5.30E-09	5.30E-09	1.21E-06	0.00E+00	1.99E-07	0.00E+00	5.30E-09	3.10E-06	0.00E+00	0.00E+00	3.10E-06
2101	ALL	653616.6	4191833	NonCancer	0.00E+00	8.04E-08	0.00E+00	5.33E-09	5.33E-09	5.33E-09	1.21E-06	0.00E+00	2.00E-07	0.00E+00	5.33E-09	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2102	ALL	653592.7	4191831	NonCancer	0.00E+00	8.07E-08	0.00E+00	5.36E-09	5.36E-09	5.36E-09	1.21E-06	0.00E+00	2.01E-07	0.00E+00	5.36E-09	3.12E-06	0.00E+00	0.00E+00	3.12E-06
2103	ALL	653568.8	4191830	NonCancer	0.00E+00	8.11E-08	0.00E+00	5.38E-09	5.38E-09	5.38E-09	1.22E-06	0.00E+00	2.02E-07	0.00E+00	5.38E-09	3.13E-06	0.00E+00	0.00E+00	3.13E-06
2104	ALL	653544.9	4191828	NonCancer	0.00E+00	8.14E-08	0.00E+00	5.40E-09	5.40E-09	5.40E-09	1.22E-06	0.00E+00	2.03E-07	0.00E+00	5.40E-09	3.15E-06	0.00E+00	0.00E+00	3.15E-06
2105	ALL	653521	4191827	NonCancer	0.00E+00	8.17E-08	0.00E+00	5.42E-09	5.42E-09	5.42E-09	1.22E-06	0.00E+00	2.03E-07	0.00E+00	5.42E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2106	ALL	653497.1	4191825	NonCancer	0.00E+00	8.19E-08	0.00E+00	5.43E-09	5.43E-09	5.43E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.43E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2107	ALL	653473.2	4191824	NonCancer	0.00E+00	8.21E-08	0.00E+00	5.44E-09	5.44E-09	5.44E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.44E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2108	ALL	653449.3	4191822	NonCancer	0.00E+00	8.22E-08	0.00E+00	5.45E-09	5.45E-09	5.45E-09	1.23E-06	0.00E+00	2.05E-07	0.00E+00	5.45E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2109	ALL	653425.3	4191821	NonCancer	0.00E+00	8.22E-08	0.00E+00	5.45E-09	5.45E-09	5.45E-09	1.23E-06	0.00E+00	2.05E-07	0.00E+00	5.45E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2110	ALL	653401.4	4191819	NonCancer	0.00E+00	8.21E-08	0.00E+00	5.45E-09	5.45E-09	5.45E-09	1.23E-06	0.00E+00	2.05E-07	0.00E+00	5.45E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2111	ALL	653377.5	4191818	NonCancer	0.00E+00	8.20E-08	0.00E+00	5.44E-09	5.44E-09	5.44E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.44E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2112	ALL	653353.6	4191816	NonCancer	0.00E+00	8.18E-08	0.00E+00	5.43E-09	5.43E-09	5.43E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.43E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2113	ALL	653329.7	4191815	NonCancer	0.00E+00	8.15E-08	0.00E+00	5.41E-09	5.41E-09	5.41E-09	1.23E-06	0.00E+00	2.03E-07	0.00E+00	5.41E-09	3.15E-06	0.00E+00	0.00E+00	3.15E-06
2114	ALL	653305.8	4191813	NonCancer	0.00E+00	8.11E-08	0.00E+00	5.38E-09	5.38E-09	5.38E-09	1.23E-06	0.00E+00	2.02E-07	0.00E+00	5.38E-09	3.14E-06	0.00E+00	0.00E+00	3.14E-06
2115	ALL	653281.9	4191812	NonCancer	0.00E+00	8.07E-08	0.00E+00	5.35E-09	5.35E-09	5.35E-09	1.22E-06	0.00E+00	2.01E-07	0.00E+00	5.35E-09	3.13E-06	0.00E+00	0.00E+00	3.13E-06
2116	ALL	653258	4191810	NonCancer	0.00E+00	8.02E-08	0.00E+00	5.32E-09	5.32E-09	5.32E-09	1.22E-06	0.00E+00	2.00E-07	0.00E+00	5.32E-09	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2117	ALL	653712.3	4191839	NonCancer	0.00E+00	7.87E-08	0.00E+00	5.22E-09	5.22E-09	5.22E-09	1.20E-06	0.00E+00	1.96E-07	0.00E+00	5.22E-09	3.05E-06	0.00E+00	0.00E+00	3.05E-06
2118	ALL	653736.8	4191839	NonCancer	0.00E+00	7.84E-08	0.00E+00	5.20E-09	5.20E-09	5.20E-09	1.19E-06	0.00E+00	1.95E-07	0.00E+00	5.20E-09	3.04E-06	0.00E+00	0.00E+00	3.04E-06
2119	ALL	653761.4	4191839	NonCancer	0.00E+00	7.81E-08	0.00E+00	5.18E-09	5.18E-09	5.18E-09	1.19E-06	0.00E+00	1.95E-07	0.00E+00	5.18E-09	3.03E-06	0.00E+00	0.00E+00	3.03E-06
2120	ALL	653785.9	4191839	NonCancer	0.00E+00	7.78E-08	0.00E+00	5.16E-09	5.16E-09	5.16E-09	1.19E-06	0.00E+00	1.94E-07	0.00E+00	5.16E-09	3.03E-06	0.00E+00	0.00E+00	3.03E-06
2121	ALL	653810.5	4191839	NonCancer	0.00E+00	7.77E-08	0.00E+00	5.15E-09	5.15E-09	5.15E-09	1.19E-06	0.00E+00	1.94E-07	0.00E+00	5.15E-09	3.02E-06	0.00E+00	0.00E+00	3.02E-06
2122	ALL	653835.4	4187990	NonCancer	0.00E+00	7.70E-05	0.00E+00	5.11E-06	5.11E-06	5.11E-06	9.10E-04	0.00E+00	1.90E-04	0.00E+00	5.11E-06	2.79E-03	0.00E+00	0.00E+00	2.79E-03
2123	ALL	653838.6	4187946	NonCancer	0.00E+00	1.04E-04	0.00E+00	6.93E-06	6.93E-06	6.93E-06	1.04E-03	0.00E+00	2.56E-04	0.00E+00	6.93E-06	3.63E-03	0.00E+00	0.00E+00	3.63E-03
2124	ALL	653841.7	4187902	NonCancer	0.00E+00	8.20E-05	0.00E+00	5.45E-06	5.45E-06	5.45E-06	8.38E-04	0.00E+00	2.02E-04	0.00E+00	5.45E-06	2.87E-03	0.00E+00	0.00E+00	2.87E-03
2125	ALL	653852.5	4188009	NonCancer	0.00E+00	4.75E-05	0.00E+00	3.15E-06	3.15E-06	3.15E-06	6.31E-04	0.00E+00	1.18E-04	0.00E+00	3.15E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
2126	ALL	653861.9	4187970	NonCancer	0.00E+00	6.58E-05	0.00E+00	4.37E-06	4.37E-06	4.37E-06	7.34E-04	0.00E+00	1.62E-04	0.00E+00	4.37E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
2127	ALL	653865.1	4187926	NonCancer	0.00E+00	6.79E-05	0.00E+00	4.51E-06	4.51E-06	4.51E-06	7.20E-04	0.00E+00	1.67E-04	0.00E+00	4.51E-06	2.40E-03	0.00E+00	0.00E+00	2.40E-03
2128	ALL	653868.2	4187881	NonCancer	0.00E+00	5.33E-05	0.00E+00	3.54E-06	3.54E-06	3.54E-06	5.84E-04	0.00E+00	1.31E-04	0.00E+00	3.54E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2129	ALL	653877.4	4188010	NonCancer	0.00E+00	3.70E-05	0.00E+00	2.45E-06	2.45E-06	2.45E-06	4.92E-04	0.00E+00	9.17E-05	0.00E+00	2.45E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2130	ALL	653844.6	4188050	NonCancer	0.00E+00	2.69E-05	0.00E+00	1.79E-06	1.79E-06	1.79E-06	4.09E-04	0.00E+00	6.71E-05	0.00E+00	1.79E-06	1.04E-03	0.00E+00	0.00E+00	1.04E-03
2131	ALL	653886.9	4187972	NonCancer	0.00E+00	4.74E-05	0.00E+00	3.15E-06	3.15E-06	3.15E-06	5.55E-04	0.00E+00	1.17E-04	0.00E+00	3.15E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2132	ALL	653890	4187927	NonCancer	0.00E+00	4.99E-05	0.00E+00	3.32E-06	3.32E-06	3.32E-06	5.58E-04	0.00E+00	1.23E-04	0.00E+00	3.32E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2133	ALL	653893.2	4187883	NonCancer	0.00E+00	4.28E-05	0.00E+00	2.84E-06	2.84E-06	2.84E-06	4.84E-04	0.00E+00	1.06E-04	0.00E+00	2.84E-06	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2134	ALL	653902.3	4188012	NonCancer	0.00E+00	2.96E-05	0.00E+00	1.96E-06	1.96E-06	1.96E-06	3.95E-04	0.00E+00	7.33E-05	0.00E+00	1.96E-06	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2135	ALL	653886.6	4188045	NonCancer	0.00E+00	2.28E-05	0.00E+00	1.51E-06	1.51E-06	1.51E-06	3.35E-04	0.00E+00	5.68E-05	0.00E+00	1.51E-06	8.76E-04	0.00E+00	0.00E+00	8.76E-04
2136	ALL	653861.6	4188069	NonCancer	0.00E+00	1.97E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	3.00E-04	0.00E+00	4.92E-05	0.00E+00	1.31E-06	7.66E-04	0.00E+00	0.00E+00	7.66E-04
2137	ALL	653911.8	4187974	NonCancer	0.00E+00	3.60E-05	0.00E+00	2.39E-06	2.39E-06	2.39E-06	4.37E-04	0.00E+00	8.90E-05	0.00E+00	2.39E-06	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2138	ALL	653915	4187929	NonCancer	0.00E+00	3.82E-05	0.00E+00	2.54E-06	2.54E-06	2.54E-06	4.45E-04	0.00E+00	9.43E-05	0.00E+00	2.54E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2139	ALL	653918.1	4187885	NonCancer	0.00E+00	3.46E-05	0.00E+00	2.30E-06	2.30E-06	2.30E-06	4.02E-04	0.00E+00	8.53E-05	0.00E+00	2.30E-06	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2140	ALL	653950.6	4188019	NonCancer	0.00E+00	1.99E-05	0.00E+00	1.32E-06	1.32E-06	1.32E-06	2.70E-04	0.00E+00	4.93E-05	0.00E+00	1.32E-06	7.47E-04	0.00E+00	0.00E+00	7.47E-04
2141	ALL	653931.7	4188059	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.33E-04	0.00E+00	3.96E-05	0.00E+00	1.05E-06	6.10E-04	0.00E+00	0.00E+00	6.10E-04
2142	ALL	653892.3	4188106	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.03E-07	8.03E-07	8.03E-07	1.84E-04	0.00E+00	3.02E-05	0.00E+00	8.03E-07	4.70E-04	0.00E+00	0.00E+00	4.70E-04
2143	ALL	653851.4	4188123	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.18E-07	8.18E-07	8.18E-07	1.86E-04	0.00E+00	3.07E-05	0.00E+00	8.18E-07	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2144	ALL	653961.7	4187977	NonCancer	0.00E+00	2.31E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	2.93E-04	0.00E+00	5.71E-05	0.00E+00	1.53E-06	8.52E-04	0.00E+00	0.00E+00	8.52E-04
2145	ALL	653964.8	4187933	NonCancer	0.00E+00	2.45E-05	0.00E+00	1.63E-06	1.63E-06	1.63E-06	3.02E-04	0.00E+00	6.06E-05	0.00E+00	1.63E-06	8.98E-04	0.00E+00	0.00E+00	8.98E-04
2146	ALL	653968	4187888	NonCancer	0.00E+00	2.35E-05	0.00E+00	1.56E-06	1.56E-06	1.56E-06	2.87E-04	0.00E+00	5.80E-05	0.00E+00	1.56E-06	8.58E-04	0.00E+00	0.00E+00	8.58E-04
2147	ALL	654001	4188022	NonCancer	0.00E+00	1.46E-05	0.00E+00	9.66E-07	9.66E-07	9.66E-07	1.99E-04	0.00E+00	3.61E-05	0.00E+00	9.66E-07	5.48E-04	0.00E+00	0.00E+00	5.48E-04
2148	ALL	653982.9	4188059	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.31E-07	8.31E-07	8.31E-07	1.81E-04	0.00E+00	3.12E-05	0.00E+00	8.31E-07	4.79E-04	0.00E+00	0.00E+00	4.79E-04
2149	ALL	653964.9	4188097	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.72E-07	6.72E-07	6.72E-07	1.53E-04	0.00E+00	2.53E-05	0.00E+00	6.72E-07	3.93E-04	0.00E+00	0.00E+00	3.93E-04

2150	ALL	653927.4	4188143	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.25E-04	0.00E+00	2.06E-05	0.00E+00	5.49E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
2151	ALL	653888.4	4188158	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.56E-07	5.56E-07	5.56E-07	1.27E-04	0.00E+00	2.09E-05	0.00E+00	5.56E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04
2152	ALL	653849.4	4188173	NonCancer	0.00E+00	8.46E-06	0.00E+00	5.61E-07	5.61E-07	5.61E-07	1.28E-04	0.00E+00	2.11E-05	0.00E+00	5.61E-07	3.28E-04	0.00E+00	0.00E+00	3.28E-04
2153	ALL	654011.6	4187981	NonCancer	0.00E+00	1.62E-05	0.00E+00	1.08E-06	1.08E-06	1.08E-06	2.12E-04	0.00E+00	4.02E-05	0.00E+00	1.08E-06	6.03E-04	0.00E+00	0.00E+00	6.03E-04
2154	ALL	654014.7	4187936	NonCancer	0.00E+00	1.71E-05	0.00E+00	1.14E-06	1.14E-06	1.14E-06	2.19E-04	0.00E+00	4.25E-05	0.00E+00	1.14E-06	6.34E-04	0.00E+00	0.00E+00	6.34E-04
2155	ALL	654017.9	4187892	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.14E-04	0.00E+00	4.18E-05	0.00E+00	1.12E-06	6.23E-04	0.00E+00	0.00E+00	6.23E-04
2156	ALL	654051.1	4188025	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.40E-07	7.40E-07	7.40E-07	1.54E-04	0.00E+00	2.77E-05	0.00E+00	7.40E-07	4.21E-04	0.00E+00	0.00E+00	4.21E-04
2157	ALL	654033.5	4188061	NonCancer	0.00E+00	9.96E-06	0.00E+00	6.61E-07	6.61E-07	6.61E-07	1.43E-04	0.00E+00	2.48E-05	0.00E+00	6.61E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
2158	ALL	654016	4188098	NonCancer	0.00E+00	8.58E-06	0.00E+00	5.69E-07	5.69E-07	5.69E-07	1.27E-04	0.00E+00	2.14E-05	0.00E+00	5.69E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
2159	ALL	653998.5	4188135	NonCancer	0.00E+00	7.08E-06	0.00E+00	4.70E-07	4.70E-07	4.70E-07	1.08E-04	0.00E+00	1.77E-05	0.00E+00	4.70E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
2160	ALL	653962	4188179	NonCancer	0.00E+00	6.08E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	9.18E-05	0.00E+00	1.52E-05	0.00E+00	4.03E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
2161	ALL	653924.1	4188194	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.06E-07	4.06E-07	4.06E-07	9.26E-05	0.00E+00	1.53E-05	0.00E+00	4.06E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
2162	ALL	653886.2	4188209	NonCancer	0.00E+00	6.21E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	9.36E-05	0.00E+00	1.55E-05	0.00E+00	4.12E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
2163	ALL	653848.4	4188224	NonCancer	0.00E+00	6.16E-06	0.00E+00	4.09E-07	4.09E-07	4.09E-07	9.37E-05	0.00E+00	1.54E-05	0.00E+00	4.09E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
2164	ALL	654061.4	4187984	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.04E-07	8.04E-07	8.04E-07	1.61E-04	0.00E+00	3.00E-05	0.00E+00	8.04E-07	4.52E-04	0.00E+00	0.00E+00	4.52E-04
2165	ALL	654064.6	4187940	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.44E-07	8.44E-07	8.44E-07	1.67E-04	0.00E+00	3.15E-05	0.00E+00	8.44E-07	4.74E-04	0.00E+00	0.00E+00	4.74E-04
2166	ALL	654067.7	4187895	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.46E-07	8.46E-07	8.46E-07	1.65E-04	0.00E+00	3.16E-05	0.00E+00	8.46E-07	4.73E-04	0.00E+00	0.00E+00	4.73E-04
2167	ALL	654100.3	4188030	NonCancer	0.00E+00	8.81E-06	0.00E+00	5.85E-07	5.85E-07	5.85E-07	1.22E-04	0.00E+00	2.19E-05	0.00E+00	5.85E-07	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2168	ALL	654081.3	4188069	NonCancer	0.00E+00	7.96E-06	0.00E+00	5.28E-07	5.28E-07	5.28E-07	1.15E-04	0.00E+00	1.98E-05	0.00E+00	5.28E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
2169	ALL	654062.4	4188109	NonCancer	0.00E+00	6.99E-06	0.00E+00	4.63E-07	4.63E-07	4.63E-07	1.03E-04	0.00E+00	1.74E-05	0.00E+00	4.63E-07	2.69E-04	0.00E+00	0.00E+00	2.69E-04
2170	ALL	654043.4	4188149	NonCancer	0.00E+00	5.86E-06	0.00E+00	3.89E-07	3.89E-07	3.89E-07	8.92E-05	0.00E+00	1.46E-05	0.00E+00	3.89E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
2171	ALL	654024.5	4188188	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	7.58E-05	0.00E+00	1.24E-05	0.00E+00	3.30E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
2172	ALL	653994.5	4188216	NonCancer	0.00E+00	4.69E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	7.06E-05	0.00E+00	1.17E-05	0.00E+00	3.11E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
2173	ALL	653953.6	4188232	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.12E-07	3.12E-07	3.12E-07	7.13E-05	0.00E+00	1.17E-05	0.00E+00	3.12E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
2174	ALL	653912.7	4188248	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	7.21E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
2175	ALL	653871.8	4188265	NonCancer	0.00E+00	4.75E-06	0.00E+00	3.15E-07	3.15E-07	3.15E-07	7.21E-05	0.00E+00	1.19E-05	0.00E+00	3.15E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
2176	ALL	654111.3	4187988	NonCancer	0.00E+00	9.44E-06	0.00E+00	6.26E-07	6.26E-07	6.26E-07	1.27E-04	0.00E+00	2.34E-05	0.00E+00	6.26E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2177	ALL	654114.5	4187943	NonCancer	0.00E+00	9.86E-06	0.00E+00	6.54E-07	6.54E-07	6.54E-07	1.32E-04	0.00E+00	2.44E-05	0.00E+00	6.54E-07	3.69E-04	0.00E+00	0.00E+00	3.69E-04
2178	ALL	654117.6	4187899	NonCancer	0.00E+00	9.97E-06	0.00E+00	6.62E-07	6.62E-07	6.62E-07	1.32E-04	0.00E+00	2.47E-05	0.00E+00	6.62E-07	3.72E-04	0.00E+00	0.00E+00	3.72E-04
2179	ALL	654150.4	4188033	NonCancer	0.00E+00	7.19E-06	0.00E+00	4.77E-07	4.77E-07	4.77E-07	1.00E-04	0.00E+00	1.79E-05	0.00E+00	4.77E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
2180	ALL	654132	4188071	NonCancer	0.00E+00	6.63E-06	0.00E+00	4.40E-07	4.40E-07	4.40E-07	9.56E-05	0.00E+00	1.65E-05	0.00E+00	4.40E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
2181	ALL	654113.6	4188110	NonCancer	0.00E+00	5.97E-06	0.00E+00	3.96E-07	3.96E-07	3.96E-07	8.79E-05	0.00E+00	1.49E-05	0.00E+00	3.96E-07	2.30E-04	0.00E+00	0.00E+00	2.30E-04
2182	ALL	654095.1	4188148	NonCancer	0.00E+00	5.24E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.86E-05	0.00E+00	1.31E-05	0.00E+00	3.48E-07	2.03E-04	0.00E+00	0.00E+00	2.03E-04
2183	ALL	654076.7	4188187	NonCancer	0.00E+00	4.47E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.85E-05	0.00E+00	1.12E-05	0.00E+00	2.97E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
2184	ALL	654058.3	4188225	NonCancer	0.00E+00	3.93E-06	0.00E+00	2.61E-07	2.61E-07	2.61E-07	5.97E-05	0.00E+00	9.79E-06	0.00E+00	2.61E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
2185	ALL	654029.2	4188253	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.63E-05	0.00E+00	9.32E-06	0.00E+00	2.48E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
2186	ALL	653989.4	4188268	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.68E-05	0.00E+00	9.33E-06	0.00E+00	2.48E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
2187	ALL	653949.7	4188284	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.73E-05	0.00E+00	9.48E-06	0.00E+00	2.52E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
2188	ALL	653909.9	4188300	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.76E-05	0.00E+00	9.48E-06	0.00E+00	2.52E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
2189	ALL	653870.1	4188315	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.72E-05	0.00E+00	9.37E-06	0.00E+00	2.49E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
2190	ALL	654161.2	4187991	NonCancer	0.00E+00	7.59E-06	0.00E+00	5.04E-07	5.04E-07	5.04E-07	1.04E-04	0.00E+00	1.88E-05	0.00E+00	5.04E-07	2.86E-04	0.00E+00	0.00E+00	2.86E-04
2191	ALL	654164.3	4187947	NonCancer	0.00E+00	7.89E-06	0.00E+00	5.24E-07	5.24E-07	5.24E-07	1.07E-04	0.00E+00	1.96E-05	0.00E+00	5.24E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
2192	ALL	654167.5	4187902	NonCancer	0.00E+00	8.03E-06	0.00E+00	5.33E-07	5.33E-07	5.33E-07	1.08E-04	0.00E+00	1.99E-05	0.00E+00	5.33E-07	3.01E-04	0.00E+00	0.00E+00	3.01E-04
2193	ALL	654249.9	4188040	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	7.12E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
2194	ALL	654230.9	4188080	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	6.89E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
2195	ALL	654212	4188120	NonCancer	0.00E+00	4.39E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.47E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
2196	ALL	654193	4188159	NonCancer	0.00E+00	4.01E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.96E-05	0.00E+00	1.00E-05	0.00E+00	2.66E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
2197	ALL	654174.1	4188199	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	5.39E-05	0.00E+00	8.90E-06	0.00E+00	2.37E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
2198	ALL	654155.1	4188239	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.78E-05	0.00E+00	7.79E-06	0.00E+00	2.07E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
2199	ALL	654136.2	4188278	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	4.26E-05	0.00E+00	6.98E-06	0.00E+00	1.86E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04

2200	ALL	654096.8	4188326	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.86E-05	0.00E+00	6.40E-06	0.00E+00	1.70E-07	9.94E-05	0.00E+00	0.00E+00	9.94E-05
2201	ALL	654055.9	4188342	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.89E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.93E-05	0.00E+00	0.00E+00	9.93E-05
2202	ALL	654015	4188358	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.92E-05	0.00E+00	6.47E-06	0.00E+00	1.72E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2203	ALL	653974.1	4188374	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.94E-05	0.00E+00	6.51E-06	0.00E+00	1.73E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2204	ALL	653933.2	4188390	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.94E-05	0.00E+00	6.49E-06	0.00E+00	1.73E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2205	ALL	653892.3	4188406	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.90E-05	0.00E+00	6.39E-06	0.00E+00	1.70E-07	9.94E-05	0.00E+00	0.00E+00	9.94E-05
2206	ALL	653851.4	4188423	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.84E-05	0.00E+00	6.22E-06	0.00E+00	1.65E-07	9.71E-05	0.00E+00	0.00E+00	9.71E-05
2207	ALL	654260.9	4187998	NonCancer	0.00E+00	5.27E-06	0.00E+00	3.50E-07	3.50E-07	3.50E-07	7.31E-05	0.00E+00	1.31E-05	0.00E+00	3.50E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
2208	ALL	654264.1	4187954	NonCancer	0.00E+00	5.43E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.51E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
2209	ALL	654267.2	4187909	NonCancer	0.00E+00	5.55E-06	0.00E+00	3.68E-07	3.68E-07	3.68E-07	7.60E-05	0.00E+00	1.38E-05	0.00E+00	3.68E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
2210	ALL	654350	4188047	NonCancer	0.00E+00	3.79E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.36E-05	0.00E+00	9.43E-06	0.00E+00	2.52E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
2211	ALL	654331.7	4188085	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.25E-05	0.00E+00	9.07E-06	0.00E+00	2.42E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
2212	ALL	654313.4	4188123	NonCancer	0.00E+00	3.42E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	5.02E-05	0.00E+00	8.52E-06	0.00E+00	2.27E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
2213	ALL	654295.1	4188161	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.73E-05	0.00E+00	7.94E-06	0.00E+00	2.11E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
2214	ALL	654276.8	4188200	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.42E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
2215	ALL	654258.5	4188238	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	4.07E-05	0.00E+00	6.73E-06	0.00E+00	1.79E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
2216	ALL	654240.3	4188276	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.69E-05	0.00E+00	6.02E-06	0.00E+00	1.60E-07	9.39E-05	0.00E+00	0.00E+00	9.39E-05
2217	ALL	654222	4188315	NonCancer	0.00E+00	2.19E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.35E-05	0.00E+00	5.46E-06	0.00E+00	1.45E-07	8.51E-05	0.00E+00	0.00E+00	8.51E-05
2218	ALL	654203.7	4188353	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	3.06E-05	0.00E+00	5.05E-06	0.00E+00	1.34E-07	7.85E-05	0.00E+00	0.00E+00	7.85E-05
2219	ALL	654165.7	4188399	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.84E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.32E-05	0.00E+00	0.00E+00	7.32E-05
2220	ALL	654126.2	4188414	NonCancer	0.00E+00	1.88E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.85E-05	0.00E+00	4.68E-06	0.00E+00	1.24E-07	7.29E-05	0.00E+00	0.00E+00	7.29E-05
2221	ALL	654086.7	4188430	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.87E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.35E-05	0.00E+00	0.00E+00	7.35E-05
2222	ALL	654047.3	4188445	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.89E-05	0.00E+00	4.79E-06	0.00E+00	1.28E-07	7.44E-05	0.00E+00	0.00E+00	7.44E-05
2223	ALL	654007.8	4188461	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	2.90E-05	0.00E+00	4.78E-06	0.00E+00	1.27E-07	7.43E-05	0.00E+00	0.00E+00	7.43E-05
2224	ALL	653968.4	4188477	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	2.89E-05	0.00E+00	4.78E-06	0.00E+00	1.27E-07	7.42E-05	0.00E+00	0.00E+00	7.42E-05
2225	ALL	653928.9	4188492	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.87E-05	0.00E+00	4.71E-06	0.00E+00	1.25E-07	7.33E-05	0.00E+00	0.00E+00	7.33E-05
2226	ALL	653889.4	4188508	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.83E-05	0.00E+00	4.60E-06	0.00E+00	1.22E-07	7.17E-05	0.00E+00	0.00E+00	7.17E-05
2227	ALL	653850	4188523	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.78E-05	0.00E+00	4.52E-06	0.00E+00	1.20E-07	7.06E-05	0.00E+00	0.00E+00	7.06E-05
2228	ALL	654360.7	4188005	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.47E-05	0.00E+00	9.70E-06	0.00E+00	2.59E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
2229	ALL	654363.8	4187961	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.60E-05	0.00E+00	9.95E-06	0.00E+00	2.66E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
2230	ALL	654367	4187916	NonCancer	0.00E+00	4.08E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.68E-05	0.00E+00	1.01E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
2231	ALL	654449.5	4188054	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.21E-05	0.00E+00	7.36E-06	0.00E+00	1.96E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
2232	ALL	654430.9	4188093	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.14E-05	0.00E+00	7.15E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
2233	ALL	654412.2	4188132	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.99E-05	0.00E+00	6.79E-06	0.00E+00	1.81E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
2234	ALL	654393.5	4188171	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.80E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.87E-05	0.00E+00	0.00E+00	9.87E-05
2235	ALL	654374.9	4188210	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.59E-05	0.00E+00	6.00E-06	0.00E+00	1.60E-07	9.30E-05	0.00E+00	0.00E+00	9.30E-05
2236	ALL	654356.2	4188249	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.37E-05	0.00E+00	5.61E-06	0.00E+00	1.49E-07	8.70E-05	0.00E+00	0.00E+00	8.70E-05
2237	ALL	654337.6	4188288	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.12E-05	0.00E+00	5.15E-06	0.00E+00	1.37E-07	8.00E-05	0.00E+00	0.00E+00	8.00E-05
2238	ALL	654318.9	4188328	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.86E-05	0.00E+00	4.67E-06	0.00E+00	1.24E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
2239	ALL	654300.2	4188367	NonCancer	0.00E+00	1.72E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.62E-05	0.00E+00	4.28E-06	0.00E+00	1.14E-07	6.67E-05	0.00E+00	0.00E+00	6.67E-05
2240	ALL	654281.6	4188406	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.43E-05	0.00E+00	3.99E-06	0.00E+00	1.06E-07	6.21E-05	0.00E+00	0.00E+00	6.21E-05
2241	ALL	654262.9	4188445	NonCancer	0.00E+00	1.51E-06	0.00E+00	1.00E-07	1.00E-07	1.00E-07	2.26E-05	0.00E+00	3.77E-06	0.00E+00	1.00E-07	5.84E-05	0.00E+00	0.00E+00	5.84E-05
2242	ALL	654233.4	4188472	NonCancer	0.00E+00	1.46E-06	0.00E+00	9.70E-08	9.70E-08	9.70E-08	2.20E-05	0.00E+00	3.65E-06	0.00E+00	9.70E-08	5.65E-05	0.00E+00	0.00E+00	5.65E-05
2243	ALL	654193.2	4188488	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.59E-08	9.59E-08	9.59E-08	2.20E-05	0.00E+00	3.60E-06	0.00E+00	9.59E-08	5.62E-05	0.00E+00	0.00E+00	5.62E-05
2244	ALL	654152.9	4188504	NonCancer	0.00E+00	1.46E-06	0.00E+00	9.65E-08	9.65E-08	9.65E-08	2.21E-05	0.00E+00	3.63E-06	0.00E+00	9.65E-08	5.65E-05	0.00E+00	0.00E+00	5.65E-05
2245	ALL	654112.6	4188520	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.83E-08	9.83E-08	9.83E-08	2.23E-05	0.00E+00	3.69E-06	0.00E+00	9.83E-08	5.73E-05	0.00E+00	0.00E+00	5.73E-05
2246	ALL	654072.3	4188536	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.84E-08	9.84E-08	9.84E-08	2.24E-05	0.00E+00	3.70E-06	0.00E+00	9.84E-08	5.74E-05	0.00E+00	0.00E+00	5.74E-05
2247	ALL	654032	4188551	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.81E-08	9.81E-08	9.81E-08	2.24E-05	0.00E+00	3.69E-06	0.00E+00	9.81E-08	5.73E-05	0.00E+00	0.00E+00	5.73E-05
2248	ALL	653991.8	4188567	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.81E-08	9.81E-08	9.81E-08	2.23E-05	0.00E+00	3.69E-06	0.00E+00	9.81E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
2249	ALL	653951.5	4188583	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.63E-08	9.63E-08	9.63E-08	2.21E-05	0.00E+00	3.62E-06	0.00E+00	9.63E-08	5.63E-05	0.00E+00	0.00E+00	5.63E-05

2250	ALL	653911.2	4188599	NonCancer	0.00E+00	1.42E-06	0.00E+00	9.40E-08	9.40E-08	9.40E-08	2.18E-05	0.00E+00	3.54E-06	0.00E+00	9.40E-08	5.52E-05	0.00E+00	0.00E+00	5.52E-05
2251	ALL	653870.9	4188615	NonCancer	0.00E+00	1.40E-06	0.00E+00	9.28E-08	9.28E-08	9.28E-08	2.14E-05	0.00E+00	3.49E-06	0.00E+00	9.28E-08	5.44E-05	0.00E+00	0.00E+00	5.44E-05
2252	ALL	654460.4	4188012	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.28E-05	0.00E+00	7.52E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
2253	ALL	654463.6	4187968	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.37E-05	0.00E+00	7.68E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
2254	ALL	654466.7	4187924	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.43E-05	0.00E+00	7.81E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
2255	ALL	654549.1	4188062	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.40E-05	0.00E+00	5.93E-06	0.00E+00	1.58E-07	9.08E-05	0.00E+00	0.00E+00	9.08E-05
2256	ALL	654530.2	4188101	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.36E-05	0.00E+00	5.80E-06	0.00E+00	1.55E-07	8.90E-05	0.00E+00	0.00E+00	8.90E-05
2257	ALL	654511.2	4188141	NonCancer	0.00E+00	2.23E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.26E-05	0.00E+00	5.56E-06	0.00E+00	1.48E-07	8.57E-05	0.00E+00	0.00E+00	8.57E-05
2258	ALL	654492.3	4188180	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.13E-05	0.00E+00	5.26E-06	0.00E+00	1.40E-07	8.14E-05	0.00E+00	0.00E+00	8.14E-05
2259	ALL	654473.3	4188220	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	2.98E-05	0.00E+00	4.98E-06	0.00E+00	1.32E-07	7.71E-05	0.00E+00	0.00E+00	7.71E-05
2260	ALL	654454.4	4188260	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.83E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.31E-05	0.00E+00	0.00E+00	7.31E-05
2261	ALL	654435.4	4188299	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.66E-05	0.00E+00	4.43E-06	0.00E+00	1.18E-07	6.87E-05	0.00E+00	0.00E+00	6.87E-05
2262	ALL	654416.5	4188339	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.48E-05	0.00E+00	4.08E-06	0.00E+00	1.09E-07	6.35E-05	0.00E+00	0.00E+00	6.35E-05
2263	ALL	654397.5	4188379	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.95E-08	9.95E-08	9.95E-08	2.29E-05	0.00E+00	3.74E-06	0.00E+00	9.95E-08	5.83E-05	0.00E+00	0.00E+00	5.83E-05
2264	ALL	654378.6	4188418	NonCancer	0.00E+00	1.39E-06	0.00E+00	9.20E-08	9.20E-08	9.20E-08	2.12E-05	0.00E+00	3.46E-06	0.00E+00	9.20E-08	5.40E-05	0.00E+00	0.00E+00	5.40E-05
2265	ALL	654359.6	4188458	NonCancer	0.00E+00	1.30E-06	0.00E+00	8.64E-08	8.64E-08	8.64E-08	1.98E-05	0.00E+00	3.25E-06	0.00E+00	8.64E-08	5.06E-05	0.00E+00	0.00E+00	5.06E-05
2266	ALL	654340.7	4188498	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.22E-08	8.22E-08	8.22E-08	1.86E-05	0.00E+00	3.09E-06	0.00E+00	8.22E-08	4.79E-05	0.00E+00	0.00E+00	4.79E-05
2267	ALL	654301.3	4188545	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.77E-08	7.77E-08	7.77E-08	1.76E-05	0.00E+00	2.92E-06	0.00E+00	7.77E-08	4.53E-05	0.00E+00	0.00E+00	4.53E-05
2268	ALL	654260.4	4188562	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.65E-08	7.65E-08	7.65E-08	1.76E-05	0.00E+00	2.88E-06	0.00E+00	7.65E-08	4.49E-05	0.00E+00	0.00E+00	4.49E-05
2269	ALL	654219.5	4188578	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.68E-08	7.68E-08	7.68E-08	1.76E-05	0.00E+00	2.89E-06	0.00E+00	7.68E-08	4.50E-05	0.00E+00	0.00E+00	4.50E-05
2270	ALL	654178.6	4188594	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.84E-08	7.84E-08	7.84E-08	1.78E-05	0.00E+00	2.95E-06	0.00E+00	7.84E-08	4.57E-05	0.00E+00	0.00E+00	4.57E-05
2271	ALL	654137.7	4188610	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.88E-08	7.88E-08	7.88E-08	1.79E-05	0.00E+00	2.96E-06	0.00E+00	7.88E-08	4.60E-05	0.00E+00	0.00E+00	4.60E-05
2272	ALL	654096.8	4188626	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.84E-08	7.84E-08	7.84E-08	1.79E-05	0.00E+00	2.95E-06	0.00E+00	7.84E-08	4.58E-05	0.00E+00	0.00E+00	4.58E-05
2273	ALL	654055.9	4188642	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.86E-08	7.86E-08	7.86E-08	1.79E-05	0.00E+00	2.95E-06	0.00E+00	7.86E-08	4.59E-05	0.00E+00	0.00E+00	4.59E-05
2274	ALL	654015	4188658	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.78E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.57E-05	0.00E+00	0.00E+00	4.57E-05
2275	ALL	653974.1	4188674	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.66E-08	7.66E-08	7.66E-08	1.76E-05	0.00E+00	2.88E-06	0.00E+00	7.66E-08	4.49E-05	0.00E+00	0.00E+00	4.49E-05
2276	ALL	653933.2	4188690	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.50E-08	7.50E-08	7.50E-08	1.74E-05	0.00E+00	2.82E-06	0.00E+00	7.50E-08	4.40E-05	0.00E+00	0.00E+00	4.40E-05
2277	ALL	653892.3	4188706	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.42E-08	7.42E-08	7.42E-08	1.71E-05	0.00E+00	2.79E-06	0.00E+00	7.42E-08	4.35E-05	0.00E+00	0.00E+00	4.35E-05
2278	ALL	653851.4	4188723	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.35E-08	7.35E-08	7.35E-08	1.69E-05	0.00E+00	2.76E-06	0.00E+00	7.35E-08	4.30E-05	0.00E+00	0.00E+00	4.30E-05
2279	ALL	654560.2	4188019	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.45E-05	0.00E+00	6.03E-06	0.00E+00	1.61E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
2280	ALL	654563.3	4187975	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.51E-05	0.00E+00	6.14E-06	0.00E+00	1.64E-07	9.41E-05	0.00E+00	0.00E+00	9.41E-05
2281	ALL	654566.5	4187931	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.56E-05	0.00E+00	6.24E-06	0.00E+00	1.66E-07	9.54E-05	0.00E+00	0.00E+00	9.54E-05
2282	ALL	654648.8	4188069	NonCancer	0.00E+00	1.97E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	2.82E-05	0.00E+00	4.90E-06	0.00E+00	1.31E-07	7.51E-05	0.00E+00	0.00E+00	7.51E-05
2283	ALL	654629.6	4188109	NonCancer	0.00E+00	1.94E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.79E-05	0.00E+00	4.81E-06	0.00E+00	1.28E-07	7.39E-05	0.00E+00	0.00E+00	7.39E-05
2284	ALL	654610.4	4188149	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.73E-05	0.00E+00	4.65E-06	0.00E+00	1.24E-07	7.16E-05	0.00E+00	0.00E+00	7.16E-05
2285	ALL	654591.3	4188189	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.63E-05	0.00E+00	4.43E-06	0.00E+00	1.18E-07	6.85E-05	0.00E+00	0.00E+00	6.85E-05
2286	ALL	654572.1	4188229	NonCancer	0.00E+00	1.69E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.52E-05	0.00E+00	4.21E-06	0.00E+00	1.12E-07	6.52E-05	0.00E+00	0.00E+00	6.52E-05
2287	ALL	654552.9	4188269	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.41E-05	0.00E+00	4.01E-06	0.00E+00	1.07E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
2288	ALL	654533.7	4188310	NonCancer	0.00E+00	1.53E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.29E-05	0.00E+00	3.82E-06	0.00E+00	1.02E-07	5.92E-05	0.00E+00	0.00E+00	5.92E-05
2289	ALL	654514.5	4188350	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.57E-08	9.57E-08	9.57E-08	2.17E-05	0.00E+00	3.60E-06	0.00E+00	9.57E-08	5.58E-05	0.00E+00	0.00E+00	5.58E-05
2290	ALL	654495.4	4188390	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.87E-08	8.87E-08	8.87E-08	2.03E-05	0.00E+00	3.33E-06	0.00E+00	8.87E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
2291	ALL	654476.2	4188430	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.19E-08	8.19E-08	8.19E-08	1.88E-05	0.00E+00	3.08E-06	0.00E+00	8.19E-08	4.80E-05	0.00E+00	0.00E+00	4.80E-05
2292	ALL	654457	4188470	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.63E-08	7.63E-08	7.63E-08	1.76E-05	0.00E+00	2.87E-06	0.00E+00	7.63E-08	4.47E-05	0.00E+00	0.00E+00	4.47E-05
2293	ALL	654437.8	4188510	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.20E-08	7.20E-08	7.20E-08	1.65E-05	0.00E+00	2.71E-06	0.00E+00	7.20E-08	4.21E-05	0.00E+00	0.00E+00	4.21E-05
2294	ALL	654418.7	4188550	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.88E-08	6.88E-08	6.88E-08	1.56E-05	0.00E+00	2.58E-06	0.00E+00	6.88E-08	4.01E-05	0.00E+00	0.00E+00	4.01E-05
2295	ALL	654399.5	4188591	NonCancer	0.00E+00	9.93E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.48E-05	0.00E+00	2.47E-06	0.00E+00	6.59E-08	3.83E-05	0.00E+00	0.00E+00	3.83E-05
2296	ALL	654369.2	4188619	NonCancer	0.00E+00	9.63E-07	0.00E+00	6.39E-08	6.39E-08	6.39E-08	1.45E-05	0.00E+00	2.40E-06	0.00E+00	6.39E-08	3.72E-05	0.00E+00	0.00E+00	3.72E-05
2297	ALL	654327.8	4188635	NonCancer	0.00E+00	9.47E-07	0.00E+00	6.28E-08	6.28E-08	6.28E-08	1.44E-05	0.00E+00	2.36E-06	0.00E+00	6.28E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2298	ALL	654286.4	4188651	NonCancer	0.00E+00	9.47E-07	0.00E+00	6.28E-08	6.28E-08	6.28E-08	1.45E-05	0.00E+00	2.36E-06	0.00E+00	6.28E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2299	ALL	654245.1	4188668	NonCancer	0.00E+00	9.67E-07	0.00E+00	6.41E-08	6.41E-08	6.41E-08	1.46E-05	0.00E+00	2.41E-06	0.00E+00	6.41E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05

2300	ALL	654203.7	4188684	NonCancer	0.00E+00	9.78E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.47E-05	0.00E+00	2.44E-06	0.00E+00	6.49E-08	3.78E-05	0.00E+00	0.00E+00	3.78E-05
2301	ALL	654162.3	4188700	NonCancer	0.00E+00	9.73E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.47E-05	0.00E+00	2.43E-06	0.00E+00	6.45E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
2302	ALL	654120.9	4188716	NonCancer	0.00E+00	9.71E-07	0.00E+00	6.44E-08	6.44E-08	6.44E-08	1.47E-05	0.00E+00	2.42E-06	0.00E+00	6.44E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
2303	ALL	654079.5	4188733	NonCancer	0.00E+00	9.75E-07	0.00E+00	6.47E-08	6.47E-08	6.47E-08	1.47E-05	0.00E+00	2.43E-06	0.00E+00	6.47E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
2304	ALL	654038.1	4188749	NonCancer	0.00E+00	9.66E-07	0.00E+00	6.41E-08	6.41E-08	6.41E-08	1.46E-05	0.00E+00	2.41E-06	0.00E+00	6.41E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
2305	ALL	653996.7	4188765	NonCancer	0.00E+00	9.44E-07	0.00E+00	6.26E-08	6.26E-08	6.26E-08	1.44E-05	0.00E+00	2.35E-06	0.00E+00	6.26E-08	3.67E-05	0.00E+00	0.00E+00	3.67E-05
2306	ALL	653955.3	4188782	NonCancer	0.00E+00	9.27E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.42E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.61E-05	0.00E+00	0.00E+00	3.61E-05
2307	ALL	653914	4188798	NonCancer	0.00E+00	9.19E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.40E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
2308	ALL	653872.6	4188814	NonCancer	0.00E+00	9.13E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.39E-05	0.00E+00	2.28E-06	0.00E+00	6.06E-08	3.54E-05	0.00E+00	0.00E+00	3.54E-05
2309	ALL	654659.9	4188027	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	2.85E-05	0.00E+00	4.97E-06	0.00E+00	1.32E-07	7.61E-05	0.00E+00	0.00E+00	7.61E-05
2310	ALL	654663.1	4187982	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	2.90E-05	0.00E+00	5.04E-06	0.00E+00	1.35E-07	7.73E-05	0.00E+00	0.00E+00	7.73E-05
2311	ALL	654666.2	4187938	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	2.94E-05	0.00E+00	5.11E-06	0.00E+00	1.36E-07	7.83E-05	0.00E+00	0.00E+00	7.83E-05
2312	ALL	654898.4	4188086	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.76E-08	8.76E-08	8.76E-08	1.90E-05	0.00E+00	3.28E-06	0.00E+00	8.76E-08	5.04E-05	0.00E+00	0.00E+00	5.04E-05
2313	ALL	654879.6	4188125	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.69E-08	8.69E-08	8.69E-08	1.89E-05	0.00E+00	3.26E-06	0.00E+00	8.69E-08	5.00E-05	0.00E+00	0.00E+00	5.00E-05
2314	ALL	654860.8	4188165	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.50E-08	8.50E-08	8.50E-08	1.87E-05	0.00E+00	3.19E-06	0.00E+00	8.50E-08	4.91E-05	0.00E+00	0.00E+00	4.91E-05
2315	ALL	654842	4188204	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.24E-08	8.24E-08	8.24E-08	1.83E-05	0.00E+00	3.09E-06	0.00E+00	8.24E-08	4.77E-05	0.00E+00	0.00E+00	4.77E-05
2316	ALL	654823.2	4188243	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.94E-08	7.94E-08	7.94E-08	1.77E-05	0.00E+00	2.98E-06	0.00E+00	7.94E-08	4.61E-05	0.00E+00	0.00E+00	4.61E-05
2317	ALL	654804.5	4188283	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.62E-08	7.62E-08	7.62E-08	1.72E-05	0.00E+00	2.86E-06	0.00E+00	7.62E-08	4.44E-05	0.00E+00	0.00E+00	4.44E-05
2318	ALL	654785.7	4188322	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.32E-08	7.32E-08	7.32E-08	1.66E-05	0.00E+00	2.75E-06	0.00E+00	7.32E-08	4.27E-05	0.00E+00	0.00E+00	4.27E-05
2319	ALL	654766.9	4188361	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.06E-08	7.06E-08	7.06E-08	1.60E-05	0.00E+00	2.65E-06	0.00E+00	7.06E-08	4.12E-05	0.00E+00	0.00E+00	4.12E-05
2320	ALL	654748.1	4188400	NonCancer	0.00E+00	1.03E-06	0.00E+00	6.81E-08	6.81E-08	6.81E-08	1.54E-05	0.00E+00	2.56E-06	0.00E+00	6.81E-08	3.97E-05	0.00E+00	0.00E+00	3.97E-05
2321	ALL	654729.3	4188440	NonCancer	0.00E+00	9.84E-07	0.00E+00	6.53E-08	6.53E-08	6.53E-08	1.48E-05	0.00E+00	2.45E-06	0.00E+00	6.53E-08	3.80E-05	0.00E+00	0.00E+00	3.80E-05
2322	ALL	654710.6	4188479	NonCancer	0.00E+00	9.32E-07	0.00E+00	6.18E-08	6.18E-08	6.18E-08	1.40E-05	0.00E+00	2.32E-06	0.00E+00	6.18E-08	3.61E-05	0.00E+00	0.00E+00	3.61E-05
2323	ALL	654691.8	4188518	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.33E-05	0.00E+00	2.18E-06	0.00E+00	5.81E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
2324	ALL	654673	4188558	NonCancer	0.00E+00	8.24E-07	0.00E+00	5.46E-08	5.46E-08	5.46E-08	1.26E-05	0.00E+00	2.05E-06	0.00E+00	5.46E-08	3.20E-05	0.00E+00	0.00E+00	3.20E-05
2325	ALL	654654.2	4188597	NonCancer	0.00E+00	7.80E-07	0.00E+00	5.17E-08	5.17E-08	5.17E-08	1.19E-05	0.00E+00	1.94E-06	0.00E+00	5.17E-08	3.03E-05	0.00E+00	0.00E+00	3.03E-05
2326	ALL	654635.4	4188636	NonCancer	0.00E+00	7.44E-07	0.00E+00	4.93E-08	4.93E-08	4.93E-08	1.13E-05	0.00E+00	1.85E-06	0.00E+00	4.93E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
2327	ALL	654616.7	4188676	NonCancer	0.00E+00	7.15E-07	0.00E+00	4.74E-08	4.74E-08	4.74E-08	1.08E-05	0.00E+00	1.78E-06	0.00E+00	4.74E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
2328	ALL	654597.9	4188715	NonCancer	0.00E+00	6.94E-07	0.00E+00	4.60E-08	4.60E-08	4.60E-08	1.04E-05	0.00E+00	1.73E-06	0.00E+00	4.60E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
2329	ALL	654579.1	4188754	NonCancer	0.00E+00	6.74E-07	0.00E+00	4.47E-08	4.47E-08	4.47E-08	1.00E-05	0.00E+00	1.68E-06	0.00E+00	4.47E-08	2.60E-05	0.00E+00	0.00E+00	2.60E-05
2330	ALL	654540.1	4188801	NonCancer	0.00E+00	6.42E-07	0.00E+00	4.26E-08	4.26E-08	4.26E-08	9.64E-06	0.00E+00	1.60E-06	0.00E+00	4.26E-08	2.48E-05	0.00E+00	0.00E+00	2.48E-05
2331	ALL	654499.5	4188817	NonCancer	0.00E+00	6.30E-07	0.00E+00	4.18E-08	4.18E-08	4.18E-08	9.61E-06	0.00E+00	1.57E-06	0.00E+00	4.18E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
2332	ALL	654459	4188833	NonCancer	0.00E+00	6.24E-07	0.00E+00	4.14E-08	4.14E-08	4.14E-08	9.59E-06	0.00E+00	1.56E-06	0.00E+00	4.14E-08	2.43E-05	0.00E+00	0.00E+00	2.43E-05
2333	ALL	654418.5	4188849	NonCancer	0.00E+00	6.32E-07	0.00E+00	4.19E-08	4.19E-08	4.19E-08	9.62E-06	0.00E+00	1.58E-06	0.00E+00	4.19E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
2334	ALL	654377.9	4188865	NonCancer	0.00E+00	6.46E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.70E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2335	ALL	654337.4	4188881	NonCancer	0.00E+00	6.52E-07	0.00E+00	4.32E-08	4.32E-08	4.32E-08	9.76E-06	0.00E+00	1.62E-06	0.00E+00	4.32E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
2336	ALL	654296.9	4188897	NonCancer	0.00E+00	6.48E-07	0.00E+00	4.30E-08	4.30E-08	4.30E-08	9.78E-06	0.00E+00	1.62E-06	0.00E+00	4.30E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
2337	ALL	654256.3	4188913	NonCancer	0.00E+00	6.44E-07	0.00E+00	4.27E-08	4.27E-08	4.27E-08	9.77E-06	0.00E+00	1.61E-06	0.00E+00	4.27E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2338	ALL	654215.8	4188929	NonCancer	0.00E+00	6.46E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.76E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2339	ALL	654175.3	4188945	NonCancer	0.00E+00	6.50E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	9.76E-06	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
2340	ALL	654134.7	4188961	NonCancer	0.00E+00	6.47E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.72E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2341	ALL	654094.2	4188977	NonCancer	0.00E+00	6.36E-07	0.00E+00	4.22E-08	4.22E-08	4.22E-08	9.64E-06	0.00E+00	1.58E-06	0.00E+00	4.22E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
2342	ALL	654053.7	4188993	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.53E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.42E-05	0.00E+00	0.00E+00	2.42E-05
2343	ALL	654013.1	4189009	NonCancer	0.00E+00	6.14E-07	0.00E+00	4.07E-08	4.07E-08	4.07E-08	9.42E-06	0.00E+00	1.53E-06	0.00E+00	4.07E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
2344	ALL	653972.6	4189025	NonCancer	0.00E+00	6.11E-07	0.00E+00	4.05E-08	4.05E-08	4.05E-08	9.33E-06	0.00E+00	1.52E-06	0.00E+00	4.05E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2345	ALL	653932.1	4189041	NonCancer	0.00E+00	6.09E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.25E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.36E-05	0.00E+00	0.00E+00	2.36E-05
2346	ALL	653891.6	4189057	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	9.17E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
2347	ALL	653851	4189073	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.07E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
2348	ALL	654909.3	4188044	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.83E-08	8.83E-08	8.83E-08	1.92E-05	0.00E+00	3.31E-06	0.00E+00	8.83E-08	5.08E-05	0.00E+00	0.00E+00	5.08E-05
2349	ALL	654912.5	4188000	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.92E-08	8.92E-08	8.92E-08	1.94E-05	0.00E+00	3.35E-06	0.00E+00	8.92E-08	5.14E-05	0.00E+00	0.00E+00	5.14E-05

2350	ALL	654915.6	4187955	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.01E-08	9.01E-08	9.01E-08	1.96E-05	0.00E+00	3.38E-06	0.00E+00	9.01E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
2351	ALL	655147.6	4188104	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.35E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
2352	ALL	655128.7	4188144	NonCancer	0.00E+00	9.53E-07	0.00E+00	6.32E-08	6.32E-08	6.32E-08	1.38E-05	0.00E+00	2.37E-06	0.00E+00	6.32E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
2353	ALL	655109.7	4188183	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.37E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.60E-05	0.00E+00	0.00E+00	3.60E-05
2354	ALL	655090.8	4188223	NonCancer	0.00E+00	9.18E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.35E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.53E-05	0.00E+00	0.00E+00	3.53E-05
2355	ALL	655071.8	4188263	NonCancer	0.00E+00	8.93E-07	0.00E+00	5.92E-08	5.92E-08	5.92E-08	1.32E-05	0.00E+00	2.22E-06	0.00E+00	5.92E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
2356	ALL	655052.9	4188302	NonCancer	0.00E+00	8.65E-07	0.00E+00	5.74E-08	5.74E-08	5.74E-08	1.29E-05	0.00E+00	2.15E-06	0.00E+00	5.74E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
2357	ALL	655033.9	4188342	NonCancer	0.00E+00	8.36E-07	0.00E+00	5.54E-08	5.54E-08	5.54E-08	1.25E-05	0.00E+00	2.08E-06	0.00E+00	5.54E-08	3.23E-05	0.00E+00	0.00E+00	3.23E-05
2358	ALL	655015	4188382	NonCancer	0.00E+00	8.07E-07	0.00E+00	5.36E-08	5.36E-08	5.36E-08	1.21E-05	0.00E+00	2.01E-06	0.00E+00	5.36E-08	3.12E-05	0.00E+00	0.00E+00	3.12E-05
2359	ALL	654996	4188421	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.18E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.03E-05	0.00E+00	0.00E+00	3.03E-05
2360	ALL	654977.1	4188461	NonCancer	0.00E+00	7.61E-07	0.00E+00	5.05E-08	5.05E-08	5.05E-08	1.14E-05	0.00E+00	1.90E-06	0.00E+00	5.05E-08	2.94E-05	0.00E+00	0.00E+00	2.94E-05
2361	ALL	654958.1	4188501	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.11E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.86E-05	0.00E+00	0.00E+00	2.86E-05
2362	ALL	654939.2	4188540	NonCancer	0.00E+00	7.13E-07	0.00E+00	4.73E-08	4.73E-08	4.73E-08	1.07E-05	0.00E+00	1.78E-06	0.00E+00	4.73E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
2363	ALL	654920.2	4188580	NonCancer	0.00E+00	6.83E-07	0.00E+00	4.53E-08	4.53E-08	4.53E-08	1.03E-05	0.00E+00	1.70E-06	0.00E+00	4.53E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
2364	ALL	654901.3	4188619	NonCancer	0.00E+00	6.49E-07	0.00E+00	4.30E-08	4.30E-08	4.30E-08	9.82E-06	0.00E+00	1.62E-06	0.00E+00	4.30E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
2365	ALL	654882.3	4188659	NonCancer	0.00E+00	6.16E-07	0.00E+00	4.08E-08	4.08E-08	4.08E-08	9.36E-06	0.00E+00	1.54E-06	0.00E+00	4.08E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
2366	ALL	654863.4	4188699	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.93E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2367	ALL	654844.4	4188738	NonCancer	0.00E+00	5.61E-07	0.00E+00	3.72E-08	3.72E-08	3.72E-08	8.54E-06	0.00E+00	1.40E-06	0.00E+00	3.72E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
2368	ALL	654825.5	4188778	NonCancer	0.00E+00	5.40E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	8.21E-06	0.00E+00	1.35E-06	0.00E+00	3.58E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
2369	ALL	654806.5	4188818	NonCancer	0.00E+00	5.22E-07	0.00E+00	3.46E-08	3.46E-08	3.46E-08	7.92E-06	0.00E+00	1.30E-06	0.00E+00	3.46E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
2370	ALL	654787.6	4188857	NonCancer	0.00E+00	5.09E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.67E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
2371	ALL	654768.6	4188897	NonCancer	0.00E+00	4.99E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.44E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
2372	ALL	654749.7	4188937	NonCancer	0.00E+00	4.87E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.22E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2373	ALL	654710.3	4188984	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	6.97E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2374	ALL	654669.4	4189001	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.02E-08	3.02E-08	3.02E-08	6.94E-06	0.00E+00	1.13E-06	0.00E+00	3.02E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
2375	ALL	654628.5	4189017	NonCancer	0.00E+00	4.49E-07	0.00E+00	2.98E-08	2.98E-08	2.98E-08	6.91E-06	0.00E+00	1.12E-06	0.00E+00	2.98E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
2376	ALL	654587.6	4189033	NonCancer	0.00E+00	4.51E-07	0.00E+00	2.99E-08	2.99E-08	2.99E-08	6.92E-06	0.00E+00	1.13E-06	0.00E+00	2.99E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2377	ALL	654546.7	4189049	NonCancer	0.00E+00	4.61E-07	0.00E+00	3.05E-08	3.05E-08	3.05E-08	6.96E-06	0.00E+00	1.15E-06	0.00E+00	3.05E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
2378	ALL	654505.8	4189065	NonCancer	0.00E+00	4.69E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.02E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2379	ALL	654464.9	4189081	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	7.05E-06	0.00E+00	1.17E-06	0.00E+00	3.13E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
2380	ALL	654424	4189097	NonCancer	0.00E+00	4.69E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.06E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2381	ALL	654383.1	4189113	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	7.05E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2382	ALL	654342.2	4189129	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	7.04E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2383	ALL	654301.3	4189145	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	7.05E-06	0.00E+00	1.17E-06	0.00E+00	3.10E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2384	ALL	654260.4	4189162	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.04E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
2385	ALL	654219.5	4189178	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	7.02E-06	0.00E+00	1.17E-06	0.00E+00	3.10E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2386	ALL	654178.6	4189194	NonCancer	0.00E+00	4.60E-07	0.00E+00	3.05E-08	3.05E-08	3.05E-08	6.97E-06	0.00E+00	1.15E-06	0.00E+00	3.05E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
2387	ALL	654137.7	4189210	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.90E-06	0.00E+00	1.13E-06	0.00E+00	3.00E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2388	ALL	654096.8	4189226	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.82E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
2389	ALL	654055.9	4189242	NonCancer	0.00E+00	4.41E-07	0.00E+00	2.93E-08	2.93E-08	2.93E-08	6.75E-06	0.00E+00	1.10E-06	0.00E+00	2.93E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2390	ALL	654015	4189258	NonCancer	0.00E+00	4.40E-07	0.00E+00	2.92E-08	2.92E-08	2.92E-08	6.71E-06	0.00E+00	1.10E-06	0.00E+00	2.92E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
2391	ALL	653974.1	4189274	NonCancer	0.00E+00	4.40E-07	0.00E+00	2.92E-08	2.92E-08	2.92E-08	6.67E-06	0.00E+00	1.10E-06	0.00E+00	2.92E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
2392	ALL	653933.2	4189290	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.63E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2393	ALL	653892.3	4189306	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.57E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
2394	ALL	653851.4	4189323	NonCancer	0.00E+00	4.28E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.50E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2395	ALL	655158.7	4188062	NonCancer	0.00E+00	9.61E-07	0.00E+00	6.38E-08	6.38E-08	6.38E-08	1.39E-05	0.00E+00	2.39E-06	0.00E+00	6.38E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2396	ALL	655161.8	4188017	NonCancer	0.00E+00	9.69E-07	0.00E+00	6.43E-08	6.43E-08	6.43E-08	1.41E-05	0.00E+00	2.41E-06	0.00E+00	6.43E-08	3.71E-05	0.00E+00	0.00E+00	3.71E-05
2397	ALL	655165	4187973	NonCancer	0.00E+00	9.76E-07	0.00E+00	6.47E-08	6.47E-08	6.47E-08	1.42E-05	0.00E+00	2.43E-06	0.00E+00	6.47E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
2398	ALL	655397	4188122	NonCancer	0.00E+00	7.31E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
2399	ALL	655377.9	4188162	NonCancer	0.00E+00	7.30E-07	0.00E+00	4.84E-08	4.84E-08	4.84E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.84E-08	2.79E-05	0.00E+00	0.00E+00	2.79E-05

2400	ALL	655358.8	4188202	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.80E-08	4.80E-08	4.80E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.80E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
2401	ALL	655339.7	4188241	NonCancer	0.00E+00	7.11E-07	0.00E+00	4.72E-08	4.72E-08	4.72E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.72E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
2402	ALL	655320.7	4188281	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.03E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
2403	ALL	655301.6	4188321	NonCancer	0.00E+00	6.78E-07	0.00E+00	4.50E-08	4.50E-08	4.50E-08	1.01E-05	0.00E+00	1.69E-06	0.00E+00	4.50E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
2404	ALL	655282.5	4188361	NonCancer	0.00E+00	6.60E-07	0.00E+00	4.38E-08	4.38E-08	4.38E-08	9.83E-06	0.00E+00	1.64E-06	0.00E+00	4.38E-08	2.55E-05	0.00E+00	0.00E+00	2.55E-05
2405	ALL	655263.5	4188401	NonCancer	0.00E+00	6.41E-07	0.00E+00	4.25E-08	4.25E-08	4.25E-08	9.58E-06	0.00E+00	1.60E-06	0.00E+00	4.25E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
2406	ALL	655244.4	4188441	NonCancer	0.00E+00	6.21E-07	0.00E+00	4.12E-08	4.12E-08	4.12E-08	9.34E-06	0.00E+00	1.55E-06	0.00E+00	4.12E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
2407	ALL	655225.3	4188481	NonCancer	0.00E+00	6.04E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.10E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
2408	ALL	655206.3	4188521	NonCancer	0.00E+00	5.89E-07	0.00E+00	3.91E-08	3.91E-08	3.91E-08	8.87E-06	0.00E+00	1.47E-06	0.00E+00	3.91E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2409	ALL	655187.2	4188561	NonCancer	0.00E+00	5.76E-07	0.00E+00	3.82E-08	3.82E-08	3.82E-08	8.65E-06	0.00E+00	1.43E-06	0.00E+00	3.82E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
2410	ALL	655168.1	4188601	NonCancer	0.00E+00	5.62E-07	0.00E+00	3.73E-08	3.73E-08	3.73E-08	8.43E-06	0.00E+00	1.40E-06	0.00E+00	3.73E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
2411	ALL	655149.1	4188641	NonCancer	0.00E+00	5.45E-07	0.00E+00	3.62E-08	3.62E-08	3.62E-08	8.18E-06	0.00E+00	1.36E-06	0.00E+00	3.62E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
2412	ALL	655130	4188680	NonCancer	0.00E+00	5.26E-07	0.00E+00	3.49E-08	3.49E-08	3.49E-08	7.90E-06	0.00E+00	1.31E-06	0.00E+00	3.49E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
2413	ALL	655110.9	4188720	NonCancer	0.00E+00	5.04E-07	0.00E+00	3.34E-08	3.34E-08	3.34E-08	7.61E-06	0.00E+00	1.26E-06	0.00E+00	3.34E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
2414	ALL	655091.8	4188760	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.30E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2415	ALL	655072.8	4188800	NonCancer	0.00E+00	4.61E-07	0.00E+00	3.06E-08	3.06E-08	3.06E-08	7.01E-06	0.00E+00	1.15E-06	0.00E+00	3.06E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
2416	ALL	655053.7	4188840	NonCancer	0.00E+00	4.43E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.74E-06	0.00E+00	1.10E-06	0.00E+00	2.94E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2417	ALL	655034.6	4188880	NonCancer	0.00E+00	4.27E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.49E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2418	ALL	655015.6	4188920	NonCancer	0.00E+00	4.13E-07	0.00E+00	2.74E-08	2.74E-08	2.74E-08	6.28E-06	0.00E+00	1.03E-06	0.00E+00	2.74E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
2419	ALL	654996.5	4188960	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	6.09E-06	0.00E+00	1.00E-06	0.00E+00	2.66E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
2420	ALL	654977.4	4189000	NonCancer	0.00E+00	3.92E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	5.92E-06	0.00E+00	9.78E-07	0.00E+00	2.60E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2421	ALL	654958.4	4189040	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.78E-06	0.00E+00	9.61E-07	0.00E+00	2.56E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
2422	ALL	654939.3	4189080	NonCancer	0.00E+00	3.80E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.65E-06	0.00E+00	9.46E-07	0.00E+00	2.52E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
2423	ALL	654920.2	4189119	NonCancer	0.00E+00	3.71E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.50E-06	0.00E+00	9.24E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
2424	ALL	654880.6	4189167	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.32E-06	0.00E+00	8.84E-07	0.00E+00	2.35E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2425	ALL	654839.4	4189184	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.30E-06	0.00E+00	8.66E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2426	ALL	654798.3	4189200	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.27E-06	0.00E+00	8.52E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2427	ALL	654757.1	4189216	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.26E-06	0.00E+00	8.52E-07	0.00E+00	2.26E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2428	ALL	654715.9	4189232	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.28E-06	0.00E+00	8.64E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2429	ALL	654674.8	4189248	NonCancer	0.00E+00	3.54E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.32E-06	0.00E+00	8.82E-07	0.00E+00	2.35E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2430	ALL	654633.6	4189265	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.36E-06	0.00E+00	8.95E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2431	ALL	654592.5	4189281	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.38E-06	0.00E+00	8.97E-07	0.00E+00	2.39E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2432	ALL	654551.3	4189297	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.39E-06	0.00E+00	8.91E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2433	ALL	654510.2	4189313	NonCancer	0.00E+00	3.54E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.38E-06	0.00E+00	8.84E-07	0.00E+00	2.35E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2434	ALL	654469	4189329	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.37E-06	0.00E+00	8.81E-07	0.00E+00	2.34E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2435	ALL	654427.8	4189346	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.37E-06	0.00E+00	8.85E-07	0.00E+00	2.36E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2436	ALL	654386.7	4189362	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.37E-06	0.00E+00	8.92E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2437	ALL	654345.5	4189378	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.38E-06	0.00E+00	8.95E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2438	ALL	654304.4	4189394	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.36E-06	0.00E+00	8.90E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2439	ALL	654263.2	4189410	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.32E-06	0.00E+00	8.78E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
2440	ALL	654222.1	4189427	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.27E-06	0.00E+00	8.63E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
2441	ALL	654180.9	4189443	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.22E-06	0.00E+00	8.50E-07	0.00E+00	2.26E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2442	ALL	654139.7	4189459	NonCancer	0.00E+00	3.37E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.17E-06	0.00E+00	8.42E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2443	ALL	654098.6	4189475	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.13E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2444	ALL	654057.4	4189491	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.10E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2445	ALL	654016.3	4189508	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.08E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2446	ALL	653975.1	4189524	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.06E-06	0.00E+00	8.36E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2447	ALL	653934	4189540	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.02E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2448	ALL	653892.8	4189556	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.98E-06	0.00E+00	8.20E-07	0.00E+00	2.18E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
2449	ALL	653851.7	4189572	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.93E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05

2450	ALL	655408.1	4188080	NonCancer	0.00E+00	7.33E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.07E-05	0.00E+00	1.82E-06	0.00E+00	4.86E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
2451	ALL	655411.2	4188035	NonCancer	0.00E+00	7.37E-07	0.00E+00	4.89E-08	4.89E-08	4.89E-08	1.07E-05	0.00E+00	1.83E-06	0.00E+00	4.89E-08	2.83E-05	0.00E+00	0.00E+00	2.83E-05
2452	ALL	655414.4	4187991	NonCancer	0.00E+00	7.41E-07	0.00E+00	4.91E-08	4.91E-08	4.91E-08	1.08E-05	0.00E+00	1.84E-06	0.00E+00	4.91E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
2453	ALL	655646.3	4188139	NonCancer	0.00E+00	5.80E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.44E-06	0.00E+00	1.44E-06	0.00E+00	3.85E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
2454	ALL	655627.1	4188180	NonCancer	0.00E+00	5.80E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.44E-06	0.00E+00	1.44E-06	0.00E+00	3.85E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
2455	ALL	655608	4188220	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.41E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.21E-05	0.00E+00	0.00E+00	2.21E-05
2456	ALL	655588.8	4188260	NonCancer	0.00E+00	5.69E-07	0.00E+00	3.78E-08	3.78E-08	3.78E-08	8.34E-06	0.00E+00	1.42E-06	0.00E+00	3.78E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
2457	ALL	655569.7	4188300	NonCancer	0.00E+00	5.59E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.24E-06	0.00E+00	1.39E-06	0.00E+00	3.71E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
2458	ALL	655550.5	4188340	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.11E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
2459	ALL	655531.3	4188380	NonCancer	0.00E+00	5.36E-07	0.00E+00	3.56E-08	3.56E-08	3.56E-08	7.96E-06	0.00E+00	1.34E-06	0.00E+00	3.56E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
2460	ALL	655512.2	4188420	NonCancer	0.00E+00	5.23E-07	0.00E+00	3.47E-08	3.47E-08	3.47E-08	7.80E-06	0.00E+00	1.30E-06	0.00E+00	3.47E-08	2.02E-05	0.00E+00	0.00E+00	2.02E-05
2461	ALL	655493	4188460	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.63E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
2462	ALL	655473.9	4188500	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.45E-06	0.00E+00	1.24E-06	0.00E+00	3.29E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
2463	ALL	655454.7	4188540	NonCancer	0.00E+00	4.83E-07	0.00E+00	3.21E-08	3.21E-08	3.21E-08	7.28E-06	0.00E+00	1.20E-06	0.00E+00	3.21E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2464	ALL	655435.6	4188581	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	7.12E-06	0.00E+00	1.18E-06	0.00E+00	3.13E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
2465	ALL	655416.4	4188621	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.97E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
2466	ALL	655397.2	4188661	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.82E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2467	ALL	655378.1	4188701	NonCancer	0.00E+00	4.44E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.67E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2468	ALL	655358.9	4188741	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.87E-08	2.87E-08	2.87E-08	6.50E-06	0.00E+00	1.08E-06	0.00E+00	2.87E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
2469	ALL	655339.8	4188781	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.31E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
2470	ALL	655320.6	4188821	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.10E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
2471	ALL	655301.4	4188861	NonCancer	0.00E+00	3.89E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	5.89E-06	0.00E+00	9.70E-07	0.00E+00	2.58E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
2472	ALL	655282.3	4188901	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.68E-06	0.00E+00	9.33E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
2473	ALL	655263.1	4188941	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.48E-06	0.00E+00	9.00E-07	0.00E+00	2.39E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
2474	ALL	655244	4188981	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.30E-06	0.00E+00	8.69E-07	0.00E+00	2.31E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2475	ALL	655224.8	4189022	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.13E-06	0.00E+00	8.42E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2476	ALL	655205.7	4189062	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.99E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2477	ALL	655186.5	4189102	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.86E-06	0.00E+00	7.98E-07	0.00E+00	2.12E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2478	ALL	655167.3	4189142	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.74E-06	0.00E+00	7.81E-07	0.00E+00	2.08E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
2479	ALL	655148.2	4189182	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.64E-06	0.00E+00	7.70E-07	0.00E+00	2.05E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
2480	ALL	655129	4189222	NonCancer	0.00E+00	3.05E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.55E-06	0.00E+00	7.61E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
2481	ALL	655109.9	4189262	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.46E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
2482	ALL	655090.7	4189302	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.36E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
2483	ALL	655050.9	4189350	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.23E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2484	ALL	655009.5	4189367	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.20E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2485	ALL	654968.2	4189383	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.18E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2486	ALL	654926.8	4189399	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.16E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
2487	ALL	654885.5	4189416	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.17E-06	0.00E+00	6.78E-07	0.00E+00	1.80E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2488	ALL	654844.2	4189432	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.19E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2489	ALL	654802.8	4189448	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.23E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2490	ALL	654761.5	4189464	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.26E-06	0.00E+00	7.12E-07	0.00E+00	1.90E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2491	ALL	654720.1	4189481	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.27E-06	0.00E+00	7.13E-07	0.00E+00	1.90E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2492	ALL	654678.8	4189497	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.27E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2493	ALL	654637.4	4189513	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.27E-06	0.00E+00	7.01E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2494	ALL	654596.1	4189529	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.26E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2495	ALL	654554.7	4189546	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.25E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2496	ALL	654513.4	4189562	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.26E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2497	ALL	654472	4189578	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.27E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2498	ALL	654430.7	4189595	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.27E-06	0.00E+00	7.11E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2499	ALL	654389.3	4189611	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.25E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05

2500	ALL	654348	4189627	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.23E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
2501	ALL	654306.7	4189643	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.19E-06	0.00E+00	6.87E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2502	ALL	654265.3	4189660	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.15E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2503	ALL	654224	4189676	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.11E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2504	ALL	654182.6	4189692	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.08E-06	0.00E+00	6.65E-07	0.00E+00	1.77E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2505	ALL	654141.3	4189708	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	4.06E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2506	ALL	654099.9	4189725	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.04E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2507	ALL	654058.6	4189741	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.03E-06	0.00E+00	6.65E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2508	ALL	654017.2	4189757	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.01E-06	0.00E+00	6.64E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2509	ALL	653975.9	4189774	NonCancer	0.00E+00	2.65E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.99E-06	0.00E+00	6.61E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2510	ALL	653934.5	4189790	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.97E-06	0.00E+00	6.55E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2511	ALL	653893.2	4189806	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.93E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2512	ALL	653851.8	4189822	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.89E-06	0.00E+00	6.37E-07	0.00E+00	1.69E-08	9.92E-06	0.00E+00	0.00E+00	9.92E-06
2513	ALL	655657.4	4188097	NonCancer	0.00E+00	5.81E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.46E-06	0.00E+00	1.44E-06	0.00E+00	3.85E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
2514	ALL	655660.6	4188053	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	8.53E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
2515	ALL	655663.7	4188008	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.59E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
2516	ALL	656145.1	4188175	NonCancer	0.00E+00	3.95E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.78E-06	0.00E+00	9.84E-07	0.00E+00	2.62E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2517	ALL	656126.1	4188215	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.79E-06	0.00E+00	9.87E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2518	ALL	656107	4188254	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.78E-06	0.00E+00	9.85E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2519	ALL	656088	4188294	NonCancer	0.00E+00	3.93E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.75E-06	0.00E+00	9.78E-07	0.00E+00	2.61E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
2520	ALL	656069	4188334	NonCancer	0.00E+00	3.89E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	5.71E-06	0.00E+00	9.67E-07	0.00E+00	2.58E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
2521	ALL	656049.9	4188374	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.65E-06	0.00E+00	9.54E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
2522	ALL	656030.9	4188414	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.58E-06	0.00E+00	9.38E-07	0.00E+00	2.50E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
2523	ALL	656011.9	4188454	NonCancer	0.00E+00	3.71E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.51E-06	0.00E+00	9.23E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
2524	ALL	655992.8	4188493	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.42E-06	0.00E+00	9.07E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
2525	ALL	655973.8	4188533	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.33E-06	0.00E+00	8.90E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2526	ALL	655954.8	4188573	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.24E-06	0.00E+00	8.72E-07	0.00E+00	2.32E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2527	ALL	655935.8	4188613	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.14E-06	0.00E+00	8.53E-07	0.00E+00	2.27E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
2528	ALL	655916.7	4188653	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.04E-06	0.00E+00	8.35E-07	0.00E+00	2.22E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2529	ALL	655897.7	4188692	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.95E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2530	ALL	655878.7	4188732	NonCancer	0.00E+00	3.22E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.86E-06	0.00E+00	8.03E-07	0.00E+00	2.14E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
2531	ALL	655859.6	4188772	NonCancer	0.00E+00	3.17E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.78E-06	0.00E+00	7.90E-07	0.00E+00	2.10E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
2532	ALL	655840.6	4188812	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.71E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
2533	ALL	655821.6	4188852	NonCancer	0.00E+00	3.08E-07	0.00E+00	2.04E-08	2.04E-08	2.04E-08	4.63E-06	0.00E+00	7.67E-07	0.00E+00	2.04E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
2534	ALL	655802.5	4188892	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.55E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
2535	ALL	655783.5	4188931	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.46E-06	0.00E+00	7.41E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
2536	ALL	655764.5	4188971	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.36E-06	0.00E+00	7.24E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2537	ALL	655745.4	4189011	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.25E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2538	ALL	655726.4	4189051	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.14E-06	0.00E+00	6.85E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2539	ALL	655707.4	4189091	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.03E-06	0.00E+00	6.64E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2540	ALL	655688.3	4189131	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.91E-06	0.00E+00	6.44E-07	0.00E+00	1.71E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
2541	ALL	655669.3	4189170	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.80E-06	0.00E+00	6.25E-07	0.00E+00	1.66E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
2542	ALL	655650.3	4189210	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.70E-06	0.00E+00	6.08E-07	0.00E+00	1.62E-08	9.46E-06	0.00E+00	0.00E+00	9.46E-06
2543	ALL	655631.2	4189250	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.61E-06	0.00E+00	5.92E-07	0.00E+00	1.58E-08	9.22E-06	0.00E+00	0.00E+00	9.22E-06
2544	ALL	655612.2	4189290	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.52E-06	0.00E+00	5.78E-07	0.00E+00	1.54E-08	8.99E-06	0.00E+00	0.00E+00	8.99E-06
2545	ALL	655593.2	4189330	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.44E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
2546	ALL	655574.2	4189370	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.37E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2547	ALL	655555.1	4189409	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.30E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.45E-06	0.00E+00	0.00E+00	8.45E-06
2548	ALL	655536.1	4189449	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.25E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
2549	ALL	655517.1	4189489	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.20E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.21E-06	0.00E+00	0.00E+00	8.21E-06

2550	ALL	655498	4189529	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.15E-06	0.00E+00	5.25E-07	0.00E+00	1.40E-08	8.13E-06	0.00E+00	0.00E+00	8.13E-06
2551	ALL	655479	4189569	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.11E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
2552	ALL	655460	4189609	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.06E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	7.96E-06	0.00E+00	0.00E+00	7.96E-06
2553	ALL	655440.9	4189648	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.00E-06	0.00E+00	5.07E-07	0.00E+00	1.35E-08	7.82E-06	0.00E+00	0.00E+00	7.82E-06
2554	ALL	655421.9	4189688	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.94E-06	0.00E+00	4.93E-07	0.00E+00	1.31E-08	7.62E-06	0.00E+00	0.00E+00	7.62E-06
2555	ALL	655391.8	4189716	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.81E-07	0.00E+00	1.28E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
2556	ALL	655350.8	4189732	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.87E-06	0.00E+00	4.71E-07	0.00E+00	1.25E-08	7.34E-06	0.00E+00	0.00E+00	7.34E-06
2557	ALL	655309.7	4189749	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.85E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06
2558	ALL	655268.6	4189765	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.84E-06	0.00E+00	4.57E-07	0.00E+00	1.21E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
2559	ALL	655227.6	4189781	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.83E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
2560	ALL	655186.5	4189797	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.84E-06	0.00E+00	4.61E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
2561	ALL	655145.4	4189813	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.85E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
2562	ALL	655104.3	4189829	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.88E-06	0.00E+00	4.78E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2563	ALL	655063.3	4189846	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.90E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.50E-06	0.00E+00	0.00E+00	7.50E-06
2564	ALL	655022.2	4189862	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.91E-06	0.00E+00	4.88E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
2565	ALL	654981.1	4189878	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.92E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
2566	ALL	654940	4189894	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.92E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.51E-06	0.00E+00	0.00E+00	7.51E-06
2567	ALL	654899	4189910	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.91E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
2568	ALL	654857.9	4189926	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.90E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2569	ALL	654816.8	4189943	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.90E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.39E-06	0.00E+00	0.00E+00	7.39E-06
2570	ALL	654775.7	4189959	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.90E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2571	ALL	654734.7	4189975	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
2572	ALL	654693.6	4189991	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.83E-07	0.00E+00	1.29E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
2573	ALL	654652.5	4190007	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.52E-06	0.00E+00	0.00E+00	7.52E-06
2574	ALL	654611.4	4190023	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
2575	ALL	654570.4	4190040	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.50E-06	0.00E+00	0.00E+00	7.50E-06
2576	ALL	654529.3	4190056	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.44E-06	0.00E+00	0.00E+00	7.44E-06
2577	ALL	654488.2	4190072	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
2578	ALL	654447.1	4190088	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.85E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.28E-06	0.00E+00	0.00E+00	7.28E-06
2579	ALL	654406.1	4190104	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.83E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
2580	ALL	654365	4190120	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.80E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.14E-06	0.00E+00	0.00E+00	7.14E-06
2581	ALL	654323.9	4190137	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
2582	ALL	654282.8	4190153	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.77E-06	0.00E+00	4.53E-07	0.00E+00	1.20E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
2583	ALL	654241.8	4190169	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.76E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2584	ALL	654200.7	4190185	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.76E-06	0.00E+00	4.53E-07	0.00E+00	1.20E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2585	ALL	654159.6	4190201	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
2586	ALL	654118.6	4190217	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
2587	ALL	654077.5	4190234	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
2588	ALL	654036.4	4190250	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.02E-06	0.00E+00	0.00E+00	7.02E-06
2589	ALL	653995.3	4190266	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.49E-07	0.00E+00	1.20E-08	6.97E-06	0.00E+00	0.00E+00	6.97E-06
2590	ALL	653954.3	4190282	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.70E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
2591	ALL	653913.2	4190298	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.68E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.84E-06	0.00E+00	0.00E+00	6.84E-06
2592	ALL	653872.1	4190314	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.65E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2593	ALL	656156.2	4188133	NonCancer	0.00E+00	3.95E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.79E-06	0.00E+00	9.84E-07	0.00E+00	2.62E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2594	ALL	656159.3	4188088	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.82E-06	0.00E+00	9.86E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2595	ALL	656162.5	4188044	NonCancer	0.00E+00	3.97E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.85E-06	0.00E+00	9.88E-07	0.00E+00	2.63E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
2596	ALL	656643.8	4188210	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.25E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2597	ALL	656624.6	4188250	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.26E-06	0.00E+00	7.24E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2598	ALL	656605.5	4188290	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.26E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2599	ALL	656586.3	4188330	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.25E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05

2600	ALL	656567.2	4188370	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.23E-06	0.00E+00	7.17E-07	0.00E+00	1.91E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2601	ALL	656548	4188411	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.20E-06	0.00E+00	7.10E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2602	ALL	656528.9	4188451	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.16E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
2603	ALL	656509.7	4188491	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.12E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2604	ALL	656490.6	4188531	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.07E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2605	ALL	656471.4	4188571	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.02E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2606	ALL	656452.3	4188611	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.97E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2607	ALL	656433.1	4188651	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.91E-06	0.00E+00	6.52E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2608	ALL	656414	4188691	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.85E-06	0.00E+00	6.41E-07	0.00E+00	1.71E-08	9.94E-06	0.00E+00	0.00E+00	9.94E-06
2609	ALL	656394.8	4188731	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.79E-06	0.00E+00	6.29E-07	0.00E+00	1.68E-08	9.76E-06	0.00E+00	0.00E+00	9.76E-06
2610	ALL	656375.7	4188771	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.73E-06	0.00E+00	6.17E-07	0.00E+00	1.64E-08	9.59E-06	0.00E+00	0.00E+00	9.59E-06
2611	ALL	656356.5	4188811	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.67E-06	0.00E+00	6.06E-07	0.00E+00	1.61E-08	9.42E-06	0.00E+00	0.00E+00	9.42E-06
2612	ALL	656337.4	4188851	NonCancer	0.00E+00	2.39E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.61E-06	0.00E+00	5.96E-07	0.00E+00	1.59E-08	9.27E-06	0.00E+00	0.00E+00	9.27E-06
2613	ALL	656318.2	4188892	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.56E-06	0.00E+00	5.87E-07	0.00E+00	1.56E-08	9.13E-06	0.00E+00	0.00E+00	9.13E-06
2614	ALL	656299	4188932	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.51E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	9.01E-06	0.00E+00	0.00E+00	9.01E-06
2615	ALL	656279.9	4188972	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.47E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.90E-06	0.00E+00	0.00E+00	8.90E-06
2616	ALL	656260.7	4189012	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.42E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
2617	ALL	656241.6	4189052	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.38E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
2618	ALL	656222.4	4189092	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.33E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
2619	ALL	656203.3	4189132	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.27E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
2620	ALL	656184.1	4189172	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.21E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.28E-06	0.00E+00	0.00E+00	8.28E-06
2621	ALL	656165	4189212	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.15E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.11E-06	0.00E+00	0.00E+00	8.11E-06
2622	ALL	656145.8	4189252	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.08E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.92E-06	0.00E+00	0.00E+00	7.92E-06
2623	ALL	656126.7	4189292	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.01E-06	0.00E+00	4.98E-07	0.00E+00	1.32E-08	7.73E-06	0.00E+00	0.00E+00	7.73E-06
2624	ALL	656107.5	4189332	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.54E-06	0.00E+00	0.00E+00	7.54E-06
2625	ALL	656088.4	4189373	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
2626	ALL	656069.2	4189413	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.81E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.18E-06	0.00E+00	0.00E+00	7.18E-06
2627	ALL	656050.1	4189453	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.74E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
2628	ALL	656030.9	4189493	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.68E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2629	ALL	656011.8	4189533	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.63E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
2630	ALL	655992.6	4189573	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
2631	ALL	655973.5	4189613	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.15E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
2632	ALL	655954.3	4189653	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.35E-06	0.00E+00	0.00E+00	6.35E-06
2633	ALL	655935.2	4189693	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.44E-06	0.00E+00	4.01E-07	0.00E+00	1.07E-08	6.25E-06	0.00E+00	0.00E+00	6.25E-06
2634	ALL	655916	4189733	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.96E-07	0.00E+00	1.05E-08	6.16E-06	0.00E+00	0.00E+00	6.16E-06
2635	ALL	655896.9	4189773	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.38E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
2636	ALL	655877.7	4189813	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.35E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
2637	ALL	655858.5	4189853	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
2638	ALL	655839.4	4189894	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.30E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	5.97E-06	0.00E+00	0.00E+00	5.97E-06
2639	ALL	655820.2	4189934	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.28E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.92E-06	0.00E+00	0.00E+00	5.92E-06
2640	ALL	655801.1	4189974	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.24E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
2641	ALL	655781.9	4190014	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.92E-09	9.92E-09	9.92E-09	2.21E-06	0.00E+00	3.72E-07	0.00E+00	9.92E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
2642	ALL	655762.8	4190054	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.66E-09	9.66E-09	9.66E-09	2.16E-06	0.00E+00	3.63E-07	0.00E+00	9.66E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
2643	ALL	655732.5	4190082	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.43E-09	9.43E-09	9.43E-09	2.13E-06	0.00E+00	3.54E-07	0.00E+00	9.43E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2644	ALL	655691.2	4190098	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.25E-09	9.25E-09	9.25E-09	2.12E-06	0.00E+00	3.48E-07	0.00E+00	9.25E-09	5.41E-06	0.00E+00	0.00E+00	5.41E-06
2645	ALL	655649.9	4190115	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.07E-09	9.07E-09	9.07E-09	2.10E-06	0.00E+00	3.41E-07	0.00E+00	9.07E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2646	ALL	655608.5	4190131	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.93E-09	8.93E-09	8.93E-09	2.09E-06	0.00E+00	3.36E-07	0.00E+00	8.93E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
2647	ALL	655567.2	4190147	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.88E-09	8.88E-09	8.88E-09	2.08E-06	0.00E+00	3.34E-07	0.00E+00	8.88E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
2648	ALL	655525.9	4190163	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.08E-06	0.00E+00	3.35E-07	0.00E+00	8.90E-09	5.24E-06	0.00E+00	0.00E+00	5.24E-06
2649	ALL	655484.5	4190180	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.01E-09	9.01E-09	9.01E-09	2.08E-06	0.00E+00	3.39E-07	0.00E+00	9.01E-09	5.29E-06	0.00E+00	0.00E+00	5.29E-06

2650	ALL	655443.2	4190196	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.16E-09	9.16E-09	9.16E-09	2.09E-06	0.00E+00	3.44E-07	0.00E+00	9.16E-09	5.36E-06	0.00E+00	0.00E+00	5.36E-06
2651	ALL	655401.9	4190212	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.32E-09	9.32E-09	9.32E-09	2.11E-06	0.00E+00	3.50E-07	0.00E+00	9.32E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2652	ALL	655360.5	4190229	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.47E-09	9.47E-09	9.47E-09	2.13E-06	0.00E+00	3.55E-07	0.00E+00	9.47E-09	5.50E-06	0.00E+00	0.00E+00	5.50E-06
2653	ALL	655319.2	4190245	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.14E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2654	ALL	655277.9	4190261	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.15E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.57E-06	0.00E+00	0.00E+00	5.57E-06
2655	ALL	655236.5	4190277	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.15E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
2656	ALL	655195.2	4190294	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.48E-09	9.48E-09	9.48E-09	2.15E-06	0.00E+00	3.56E-07	0.00E+00	9.48E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
2657	ALL	655153.9	4190310	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.39E-09	9.39E-09	9.39E-09	2.14E-06	0.00E+00	3.53E-07	0.00E+00	9.39E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2658	ALL	655112.5	4190326	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.31E-09	9.31E-09	9.31E-09	2.14E-06	0.00E+00	3.50E-07	0.00E+00	9.31E-09	5.45E-06	0.00E+00	0.00E+00	5.45E-06
2659	ALL	655071.2	4190342	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.26E-09	9.26E-09	9.26E-09	2.13E-06	0.00E+00	3.48E-07	0.00E+00	9.26E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2660	ALL	655029.9	4190359	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.25E-09	9.25E-09	9.25E-09	2.13E-06	0.00E+00	3.48E-07	0.00E+00	9.25E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
2661	ALL	654988.5	4190375	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.30E-09	9.30E-09	9.30E-09	2.13E-06	0.00E+00	3.49E-07	0.00E+00	9.30E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
2662	ALL	654947.2	4190391	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.37E-09	9.37E-09	9.37E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.37E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
2663	ALL	654905.9	4190407	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.44E-09	9.44E-09	9.44E-09	2.14E-06	0.00E+00	3.55E-07	0.00E+00	9.44E-09	5.50E-06	0.00E+00	0.00E+00	5.50E-06
2664	ALL	654864.5	4190424	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.50E-09	9.50E-09	9.50E-09	2.14E-06	0.00E+00	3.57E-07	0.00E+00	9.50E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
2665	ALL	654823.2	4190440	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.54E-09	9.54E-09	9.54E-09	2.15E-06	0.00E+00	3.58E-07	0.00E+00	9.54E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2666	ALL	654781.9	4190456	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.53E-09	9.53E-09	9.53E-09	2.15E-06	0.00E+00	3.58E-07	0.00E+00	9.53E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2667	ALL	654740.5	4190473	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.49E-09	9.49E-09	9.49E-09	2.14E-06	0.00E+00	3.56E-07	0.00E+00	9.49E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
2668	ALL	654699.2	4190489	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.13E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.48E-06	0.00E+00	0.00E+00	5.48E-06
2669	ALL	654657.9	4190505	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.30E-09	9.30E-09	9.30E-09	2.12E-06	0.00E+00	3.49E-07	0.00E+00	9.30E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2670	ALL	654616.5	4190521	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.19E-09	9.19E-09	9.19E-09	2.10E-06	0.00E+00	3.45E-07	0.00E+00	9.19E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2671	ALL	654575.2	4190538	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.10E-09	9.10E-09	9.10E-09	2.09E-06	0.00E+00	3.42E-07	0.00E+00	9.10E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2672	ALL	654533.8	4190554	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.02E-09	9.02E-09	9.02E-09	2.07E-06	0.00E+00	3.39E-07	0.00E+00	9.02E-09	5.28E-06	0.00E+00	0.00E+00	5.28E-06
2673	ALL	654492.5	4190570	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.95E-09	8.95E-09	8.95E-09	2.06E-06	0.00E+00	3.37E-07	0.00E+00	8.95E-09	5.25E-06	0.00E+00	0.00E+00	5.25E-06
2674	ALL	654451.2	4190586	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.05E-06	0.00E+00	3.35E-07	0.00E+00	8.90E-09	5.22E-06	0.00E+00	0.00E+00	5.22E-06
2675	ALL	654409.8	4190603	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.04E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2676	ALL	654368.5	4190619	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.84E-09	8.84E-09	8.84E-09	2.03E-06	0.00E+00	3.32E-07	0.00E+00	8.84E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2677	ALL	654327.2	4190635	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.84E-09	8.84E-09	8.84E-09	2.03E-06	0.00E+00	3.32E-07	0.00E+00	8.84E-09	5.17E-06	0.00E+00	0.00E+00	5.17E-06
2678	ALL	654285.8	4190652	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2679	ALL	654244.5	4190668	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.89E-09	8.89E-09	8.89E-09	2.02E-06	0.00E+00	3.34E-07	0.00E+00	8.89E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2680	ALL	654203.2	4190684	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.02E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.20E-06	0.00E+00	0.00E+00	5.20E-06
2681	ALL	654161.8	4190700	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.02E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.20E-06	0.00E+00	0.00E+00	5.20E-06
2682	ALL	654120.5	4190717	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.89E-09	8.89E-09	8.89E-09	2.01E-06	0.00E+00	3.34E-07	0.00E+00	8.89E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2683	ALL	654079.2	4190733	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	2.01E-06	0.00E+00	3.32E-07	0.00E+00	8.85E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
2684	ALL	654037.8	4190749	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.79E-09	8.79E-09	8.79E-09	2.00E-06	0.00E+00	3.30E-07	0.00E+00	8.79E-09	5.13E-06	0.00E+00	0.00E+00	5.13E-06
2685	ALL	653996.5	4190765	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.72E-09	8.72E-09	8.72E-09	1.99E-06	0.00E+00	3.28E-07	0.00E+00	8.72E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2686	ALL	653955.2	4190782	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.64E-09	8.64E-09	8.64E-09	1.97E-06	0.00E+00	3.25E-07	0.00E+00	8.64E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
2687	ALL	653913.8	4190798	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.96E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	5.00E-06	0.00E+00	0.00E+00	5.00E-06
2688	ALL	653872.5	4190814	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.44E-09	8.44E-09	8.44E-09	1.94E-06	0.00E+00	3.17E-07	0.00E+00	8.44E-09	4.95E-06	0.00E+00	0.00E+00	4.95E-06
2689	ALL	656654.9	4188168	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.25E-06	0.00E+00	7.21E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2690	ALL	656658.1	4188124	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.27E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2691	ALL	656661.2	4188079	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.29E-06	0.00E+00	7.23E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2692	ALL	657142.6	4188245	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2693	ALL	657123.5	4188285	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.29E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2694	ALL	657104.5	4188325	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.29E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
2695	ALL	657085.4	4188365	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.29E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2696	ALL	657066.3	4188405	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2697	ALL	657047.3	4188445	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.26E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
2698	ALL	657028.2	4188485	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.24E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
2699	ALL	657009.1	4188525	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06

2700	ALL	656990.1	4188565	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.19E-06	0.00E+00	5.35E-07	0.00E+00	1.43E-08	8.28E-06	0.00E+00	0.00E+00	8.28E-06
2701	ALL	656971	4188605	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.16E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
2702	ALL	656951.9	4188644	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.13E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
2703	ALL	656932.9	4188684	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.09E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.00E-06	0.00E+00	0.00E+00	8.00E-06
2704	ALL	656913.8	4188724	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.06E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.91E-06	0.00E+00	0.00E+00	7.91E-06
2705	ALL	656894.7	4188764	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.02E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
2706	ALL	656875.7	4188804	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.98E-06	0.00E+00	4.96E-07	0.00E+00	1.32E-08	7.69E-06	0.00E+00	0.00E+00	7.69E-06
2707	ALL	656856.6	4188844	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.94E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
2708	ALL	656837.6	4188884	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.81E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
2709	ALL	656818.5	4188924	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.86E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
2710	ALL	656799.4	4188964	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.82E-06	0.00E+00	4.66E-07	0.00E+00	1.24E-08	7.24E-06	0.00E+00	0.00E+00	7.24E-06
2711	ALL	656780.4	4189003	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.78E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.14E-06	0.00E+00	0.00E+00	7.14E-06
2712	ALL	656761.3	4189043	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2713	ALL	656742.2	4189083	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.72E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
2714	ALL	656723.2	4189123	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2715	ALL	656704.1	4189163	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.66E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2716	ALL	656685	4189203	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.63E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2717	ALL	656666	4189243	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.60E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
2718	ALL	656646.9	4189283	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
2719	ALL	656627.8	4189323	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.53E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.53E-06	0.00E+00	0.00E+00	6.53E-06
2720	ALL	656608.8	4189363	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
2721	ALL	656589.7	4189402	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.46E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.33E-06	0.00E+00	0.00E+00	6.33E-06
2722	ALL	656570.7	4189442	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.41E-06	0.00E+00	4.00E-07	0.00E+00	1.07E-08	6.21E-06	0.00E+00	0.00E+00	6.21E-06
2723	ALL	656551.6	4189482	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.37E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
2724	ALL	656532.5	4189522	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
2725	ALL	656513.5	4189562	NonCancer	0.00E+00	1.51E-07	0.00E+00	9.99E-09	9.99E-09	9.99E-09	2.28E-06	0.00E+00	3.75E-07	0.00E+00	9.99E-09	5.84E-06	0.00E+00	0.00E+00	5.84E-06
2726	ALL	656494.4	4189602	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.78E-09	9.78E-09	9.78E-09	2.23E-06	0.00E+00	3.68E-07	0.00E+00	9.78E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
2727	ALL	656475.3	4189642	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.58E-09	9.58E-09	9.58E-09	2.19E-06	0.00E+00	3.60E-07	0.00E+00	9.58E-09	5.60E-06	0.00E+00	0.00E+00	5.60E-06
2728	ALL	656456.3	4189682	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.39E-09	9.39E-09	9.39E-09	2.14E-06	0.00E+00	3.53E-07	0.00E+00	9.39E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2729	ALL	656437.2	4189722	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.21E-09	9.21E-09	9.21E-09	2.10E-06	0.00E+00	3.46E-07	0.00E+00	9.21E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2730	ALL	656418.1	4189762	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.04E-09	9.04E-09	9.04E-09	2.06E-06	0.00E+00	3.40E-07	0.00E+00	9.04E-09	5.29E-06	0.00E+00	0.00E+00	5.29E-06
2731	ALL	656399.1	4189801	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.88E-09	8.88E-09	8.88E-09	2.03E-06	0.00E+00	3.34E-07	0.00E+00	8.88E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2732	ALL	656380	4189841	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.74E-09	8.74E-09	8.74E-09	2.00E-06	0.00E+00	3.28E-07	0.00E+00	8.74E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2733	ALL	656360.9	4189881	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.60E-09	8.60E-09	8.60E-09	1.96E-06	0.00E+00	3.23E-07	0.00E+00	8.60E-09	5.03E-06	0.00E+00	0.00E+00	5.03E-06
2734	ALL	656341.9	4189921	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.47E-09	8.47E-09	8.47E-09	1.93E-06	0.00E+00	3.18E-07	0.00E+00	8.47E-09	4.95E-06	0.00E+00	0.00E+00	4.95E-06
2735	ALL	656322.8	4189961	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.34E-09	8.34E-09	8.34E-09	1.91E-06	0.00E+00	3.13E-07	0.00E+00	8.34E-09	4.88E-06	0.00E+00	0.00E+00	4.88E-06
2736	ALL	656303.7	4190001	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.23E-09	8.23E-09	8.23E-09	1.88E-06	0.00E+00	3.09E-07	0.00E+00	8.23E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
2737	ALL	656284.7	4190041	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.14E-09	8.14E-09	8.14E-09	1.86E-06	0.00E+00	3.06E-07	0.00E+00	8.14E-09	4.76E-06	0.00E+00	0.00E+00	4.76E-06
2738	ALL	656265.6	4190081	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.07E-09	8.07E-09	8.07E-09	1.84E-06	0.00E+00	3.03E-07	0.00E+00	8.07E-09	4.72E-06	0.00E+00	0.00E+00	4.72E-06
2739	ALL	656246.6	4190121	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.83E-06	0.00E+00	3.01E-07	0.00E+00	8.02E-09	4.69E-06	0.00E+00	0.00E+00	4.69E-06
2740	ALL	656227.5	4190160	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.00E-09	8.00E-09	8.00E-09	1.81E-06	0.00E+00	3.01E-07	0.00E+00	8.00E-09	4.66E-06	0.00E+00	0.00E+00	4.66E-06
2741	ALL	656208.4	4190200	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.99E-09	7.99E-09	7.99E-09	1.80E-06	0.00E+00	3.00E-07	0.00E+00	7.99E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
2742	ALL	656189.4	4190240	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.98E-09	7.98E-09	7.98E-09	1.78E-06	0.00E+00	2.99E-07	0.00E+00	7.98E-09	4.63E-06	0.00E+00	0.00E+00	4.63E-06
2743	ALL	656170.3	4190280	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.94E-09	7.94E-09	7.94E-09	1.76E-06	0.00E+00	2.98E-07	0.00E+00	7.94E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
2744	ALL	656151.2	4190320	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.86E-09	7.86E-09	7.86E-09	1.74E-06	0.00E+00	2.95E-07	0.00E+00	7.86E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
2745	ALL	656132.2	4190360	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.74E-09	7.74E-09	7.74E-09	1.72E-06	0.00E+00	2.90E-07	0.00E+00	7.74E-09	4.48E-06	0.00E+00	0.00E+00	4.48E-06
2746	ALL	656113.1	4190400	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.57E-09	7.57E-09	7.57E-09	1.69E-06	0.00E+00	2.84E-07	0.00E+00	7.57E-09	4.39E-06	0.00E+00	0.00E+00	4.39E-06
2747	ALL	656073.5	4190448	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.30E-09	7.30E-09	7.30E-09	1.65E-06	0.00E+00	2.74E-07	0.00E+00	7.30E-09	4.26E-06	0.00E+00	0.00E+00	4.26E-06
2748	ALL	656032.3	4190464	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.64E-06	0.00E+00	2.70E-07	0.00E+00	7.17E-09	4.19E-06	0.00E+00	0.00E+00	4.19E-06
2749	ALL	655991.2	4190480	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.04E-09	7.04E-09	7.04E-09	1.63E-06	0.00E+00	2.65E-07	0.00E+00	7.04E-09	4.13E-06	0.00E+00	0.00E+00	4.13E-06

2750	ALL	655950	4190496	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.93E-09	6.93E-09	6.93E-09	1.61E-06	0.00E+00	2.61E-07	0.00E+00	6.93E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2751	ALL	655908.9	4190513	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.86E-09	6.86E-09	6.86E-09	1.61E-06	0.00E+00	2.58E-07	0.00E+00	6.86E-09	4.05E-06	0.00E+00	0.00E+00	4.05E-06
2752	ALL	655867.7	4190529	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.84E-09	6.84E-09	6.84E-09	1.60E-06	0.00E+00	2.57E-07	0.00E+00	6.84E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2753	ALL	655826.6	4190545	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.87E-09	6.87E-09	6.87E-09	1.60E-06	0.00E+00	2.59E-07	0.00E+00	6.87E-09	4.05E-06	0.00E+00	0.00E+00	4.05E-06
2754	ALL	655785.5	4190561	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.95E-09	6.95E-09	6.95E-09	1.61E-06	0.00E+00	2.61E-07	0.00E+00	6.95E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2755	ALL	655744.3	4190577	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.06E-09	7.06E-09	7.06E-09	1.62E-06	0.00E+00	2.65E-07	0.00E+00	7.06E-09	4.13E-06	0.00E+00	0.00E+00	4.13E-06
2756	ALL	655703.2	4190594	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.63E-06	0.00E+00	2.70E-07	0.00E+00	7.17E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2757	ALL	655662	4190610	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.64E-06	0.00E+00	2.74E-07	0.00E+00	7.28E-09	4.24E-06	0.00E+00	0.00E+00	4.24E-06
2758	ALL	655620.9	4190626	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.37E-09	7.37E-09	7.37E-09	1.65E-06	0.00E+00	2.77E-07	0.00E+00	7.37E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2759	ALL	655579.7	4190642	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.41E-09	7.41E-09	7.41E-09	1.66E-06	0.00E+00	2.78E-07	0.00E+00	7.41E-09	4.30E-06	0.00E+00	0.00E+00	4.30E-06
2760	ALL	655538.6	4190658	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.42E-09	7.42E-09	7.42E-09	1.66E-06	0.00E+00	2.79E-07	0.00E+00	7.42E-09	4.31E-06	0.00E+00	0.00E+00	4.31E-06
2761	ALL	655497.4	4190675	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.40E-09	7.40E-09	7.40E-09	1.66E-06	0.00E+00	2.78E-07	0.00E+00	7.40E-09	4.30E-06	0.00E+00	0.00E+00	4.30E-06
2762	ALL	655456.3	4190691	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.35E-09	7.35E-09	7.35E-09	1.66E-06	0.00E+00	2.76E-07	0.00E+00	7.35E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2763	ALL	655415.1	4190707	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.66E-06	0.00E+00	2.74E-07	0.00E+00	7.28E-09	4.25E-06	0.00E+00	0.00E+00	4.25E-06
2764	ALL	655374	4190723	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.21E-09	7.21E-09	7.21E-09	1.65E-06	0.00E+00	2.71E-07	0.00E+00	7.21E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2765	ALL	655332.9	4190739	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.16E-09	7.16E-09	7.16E-09	1.65E-06	0.00E+00	2.69E-07	0.00E+00	7.16E-09	4.20E-06	0.00E+00	0.00E+00	4.20E-06
2766	ALL	655291.7	4190756	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.13E-09	7.13E-09	7.13E-09	1.64E-06	0.00E+00	2.68E-07	0.00E+00	7.13E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2767	ALL	655250.6	4190772	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.14E-09	7.14E-09	7.14E-09	1.64E-06	0.00E+00	2.68E-07	0.00E+00	7.14E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2768	ALL	655209.4	4190788	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.64E-06	0.00E+00	2.69E-07	0.00E+00	7.17E-09	4.20E-06	0.00E+00	0.00E+00	4.20E-06
2769	ALL	655168.3	4190804	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.22E-09	7.22E-09	7.22E-09	1.65E-06	0.00E+00	2.71E-07	0.00E+00	7.22E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2770	ALL	655127.1	4190820	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.65E-06	0.00E+00	2.73E-07	0.00E+00	7.28E-09	4.24E-06	0.00E+00	0.00E+00	4.24E-06
2771	ALL	655086	4190837	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.33E-09	7.33E-09	7.33E-09	1.65E-06	0.00E+00	2.75E-07	0.00E+00	7.33E-09	4.27E-06	0.00E+00	0.00E+00	4.27E-06
2772	ALL	655044.8	4190853	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.36E-09	7.36E-09	7.36E-09	1.66E-06	0.00E+00	2.77E-07	0.00E+00	7.36E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2773	ALL	655003.7	4190869	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.38E-09	7.38E-09	7.38E-09	1.66E-06	0.00E+00	2.77E-07	0.00E+00	7.38E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
2774	ALL	654962.6	4190885	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.38E-09	7.38E-09	7.38E-09	1.66E-06	0.00E+00	2.77E-07	0.00E+00	7.38E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
2775	ALL	654921.4	4190901	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.35E-09	7.35E-09	7.35E-09	1.66E-06	0.00E+00	2.76E-07	0.00E+00	7.35E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2776	ALL	654880.3	4190918	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.30E-09	7.30E-09	7.30E-09	1.65E-06	0.00E+00	2.74E-07	0.00E+00	7.30E-09	4.25E-06	0.00E+00	0.00E+00	4.25E-06
2777	ALL	654839.1	4190934	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.23E-09	7.23E-09	7.23E-09	1.64E-06	0.00E+00	2.72E-07	0.00E+00	7.23E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2778	ALL	654798	4190950	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.15E-09	7.15E-09	7.15E-09	1.63E-06	0.00E+00	2.69E-07	0.00E+00	7.15E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2779	ALL	654756.8	4190966	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.08E-09	7.08E-09	7.08E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.08E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
2780	ALL	654715.7	4190982	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.03E-09	7.03E-09	7.03E-09	1.61E-06	0.00E+00	2.64E-07	0.00E+00	7.03E-09	4.11E-06	0.00E+00	0.00E+00	4.11E-06
2781	ALL	654674.5	4190999	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.98E-09	6.98E-09	6.98E-09	1.60E-06	0.00E+00	2.62E-07	0.00E+00	6.98E-09	4.09E-06	0.00E+00	0.00E+00	4.09E-06
2782	ALL	654633.4	4191015	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.94E-09	6.94E-09	6.94E-09	1.59E-06	0.00E+00	2.61E-07	0.00E+00	6.94E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
2783	ALL	654592.2	4191031	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.58E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.04E-06	0.00E+00	0.00E+00	4.04E-06
2784	ALL	654551.1	4191047	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.87E-09	6.87E-09	6.87E-09	1.58E-06	0.00E+00	2.58E-07	0.00E+00	6.87E-09	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2785	ALL	654510	4191063	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.84E-09	6.84E-09	6.84E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.84E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2786	ALL	654468.8	4191080	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.83E-09	6.83E-09	6.83E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.83E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2787	ALL	654427.7	4191096	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.83E-09	6.83E-09	6.83E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.83E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2788	ALL	654386.5	4191112	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.85E-09	6.85E-09	6.85E-09	1.56E-06	0.00E+00	2.57E-07	0.00E+00	6.85E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2789	ALL	654345.4	4191128	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.87E-09	6.87E-09	6.87E-09	1.56E-06	0.00E+00	2.58E-07	0.00E+00	6.87E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2790	ALL	654304.2	4191144	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.56E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2791	ALL	654263.1	4191161	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.91E-09	6.91E-09	6.91E-09	1.56E-06	0.00E+00	2.60E-07	0.00E+00	6.91E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2792	ALL	654221.9	4191177	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.91E-09	6.91E-09	6.91E-09	1.56E-06	0.00E+00	2.59E-07	0.00E+00	6.91E-09	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2793	ALL	654180.8	4191193	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.89E-09	6.89E-09	6.89E-09	1.56E-06	0.00E+00	2.59E-07	0.00E+00	6.89E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2794	ALL	654139.7	4191209	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.86E-09	6.86E-09	6.86E-09	1.55E-06	0.00E+00	2.58E-07	0.00E+00	6.86E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2795	ALL	654098.5	4191225	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.82E-09	6.82E-09	6.82E-09	1.55E-06	0.00E+00	2.56E-07	0.00E+00	6.82E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
2796	ALL	654057.4	4191241	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.54E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.96E-06	0.00E+00	0.00E+00	3.96E-06
2797	ALL	654016.2	4191258	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.73E-09	6.73E-09	6.73E-09	1.53E-06	0.00E+00	2.53E-07	0.00E+00	6.73E-09	3.93E-06	0.00E+00	0.00E+00	3.93E-06
2798	ALL	653975.1	4191274	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.67E-09	6.67E-09	6.67E-09	1.52E-06	0.00E+00	2.51E-07	0.00E+00	6.67E-09	3.90E-06	0.00E+00	0.00E+00	3.90E-06
2799	ALL	653933.9	4191290	NonCancer	0.00E+00	9.96E-08	0.00E+00	6.60E-09	6.60E-09	6.60E-09	1.51E-06	0.00E+00	2.48E-07	0.00E+00	6.60E-09	3.86E-06	0.00E+00	0.00E+00	3.86E-06

2800	ALL	653892.8	4191306	NonCancer	0.00E+00	9.85E-08	0.00E+00	6.53E-09	6.53E-09	6.53E-09	1.50E-06	0.00E+00	2.46E-07	0.00E+00	6.53E-09	3.83E-06	0.00E+00	0.00E+00	3.83E-06
2801	ALL	653851.6	4191322	NonCancer	0.00E+00	9.76E-08	0.00E+00	6.47E-09	6.47E-09	6.47E-09	1.49E-06	0.00E+00	2.43E-07	0.00E+00	6.47E-09	3.79E-06	0.00E+00	0.00E+00	3.79E-06
2802	ALL	657153.7	4188203	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2803	ALL	657156.8	4188159	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.30E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06
2804	ALL	657160	4188114	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.31E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.60E-06	0.00E+00	0.00E+00	8.60E-06
2805	ALL	657641.3	4188281	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2806	ALL	657622.1	4188321	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.63E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2807	ALL	657603	4188361	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.64E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2808	ALL	657583.8	4188401	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.64E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2809	ALL	657564.7	4188441	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.63E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2810	ALL	657545.5	4188481	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.62E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2811	ALL	657526.4	4188521	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.61E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2812	ALL	657507.2	4188561	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.60E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2813	ALL	657488.1	4188601	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
2814	ALL	657468.9	4188642	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
2815	ALL	657449.8	4188682	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.54E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
2816	ALL	657430.6	4188722	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
2817	ALL	657411.5	4188762	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.49E-06	0.00E+00	4.16E-07	0.00E+00	1.11E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
2818	ALL	657392.3	4188802	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.46E-06	0.00E+00	4.11E-07	0.00E+00	1.10E-08	6.37E-06	0.00E+00	0.00E+00	6.37E-06
2819	ALL	657373.2	4188842	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.44E-06	0.00E+00	4.07E-07	0.00E+00	1.08E-08	6.31E-06	0.00E+00	0.00E+00	6.31E-06
2820	ALL	657354	4188882	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.41E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.23E-06	0.00E+00	0.00E+00	6.23E-06
2821	ALL	657334.9	4188922	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.38E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.16E-06	0.00E+00	0.00E+00	6.16E-06
2822	ALL	657315.7	4188962	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.36E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
2823	ALL	657296.6	4189002	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	5.99E-06	0.00E+00	0.00E+00	5.99E-06
2824	ALL	657277.4	4189042	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.30E-06	0.00E+00	3.80E-07	0.00E+00	1.01E-08	5.91E-06	0.00E+00	0.00E+00	5.91E-06
2825	ALL	657258.3	4189082	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.27E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.83E-06	0.00E+00	0.00E+00	5.83E-06
2826	ALL	657239.1	4189122	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.85E-09	9.85E-09	9.85E-09	2.24E-06	0.00E+00	3.70E-07	0.00E+00	9.85E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
2827	ALL	657220	4189163	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.72E-09	9.72E-09	9.72E-09	2.22E-06	0.00E+00	3.65E-07	0.00E+00	9.72E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
2828	ALL	657200.8	4189203	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.61E-09	9.61E-09	9.61E-09	2.19E-06	0.00E+00	3.61E-07	0.00E+00	9.61E-09	5.62E-06	0.00E+00	0.00E+00	5.62E-06
2829	ALL	657181.7	4189243	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.17E-06	0.00E+00	3.58E-07	0.00E+00	9.51E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
2830	ALL	657162.6	4189283	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.43E-09	9.43E-09	9.43E-09	2.15E-06	0.00E+00	3.54E-07	0.00E+00	9.43E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06
2831	ALL	657143.4	4189323	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.36E-09	9.36E-09	9.36E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.36E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
2832	ALL	657124.3	4189363	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.11E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
2833	ALL	657105.1	4189403	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.22E-09	9.22E-09	9.22E-09	2.09E-06	0.00E+00	3.46E-07	0.00E+00	9.22E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2834	ALL	657086	4189443	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.14E-09	9.14E-09	9.14E-09	2.07E-06	0.00E+00	3.43E-07	0.00E+00	9.14E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2835	ALL	657066.8	4189483	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.06E-09	9.06E-09	9.06E-09	2.05E-06	0.00E+00	3.40E-07	0.00E+00	9.06E-09	5.28E-06	0.00E+00	0.00E+00	5.28E-06
2836	ALL	657047.7	4189523	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.96E-09	8.96E-09	8.96E-09	2.03E-06	0.00E+00	3.37E-07	0.00E+00	8.96E-09	5.22E-06	0.00E+00	0.00E+00	5.22E-06
2837	ALL	657028.5	4189563	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	2.00E-06	0.00E+00	3.32E-07	0.00E+00	8.85E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
2838	ALL	657009.4	4189603	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.72E-09	8.72E-09	8.72E-09	1.97E-06	0.00E+00	3.28E-07	0.00E+00	8.72E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
2839	ALL	656990.2	4189643	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.58E-09	8.58E-09	8.58E-09	1.94E-06	0.00E+00	3.22E-07	0.00E+00	8.58E-09	5.00E-06	0.00E+00	0.00E+00	5.00E-06
2840	ALL	656971.1	4189683	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.43E-09	8.43E-09	8.43E-09	1.91E-06	0.00E+00	3.17E-07	0.00E+00	8.43E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06
2841	ALL	656951.9	4189724	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.28E-09	8.28E-09	8.28E-09	1.88E-06	0.00E+00	3.11E-07	0.00E+00	8.28E-09	4.83E-06	0.00E+00	0.00E+00	4.83E-06
2842	ALL	656932.8	4189764	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.12E-09	8.12E-09	8.12E-09	1.85E-06	0.00E+00	3.05E-07	0.00E+00	8.12E-09	4.74E-06	0.00E+00	0.00E+00	4.74E-06
2843	ALL	656913.6	4189804	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.97E-09	7.97E-09	7.97E-09	1.82E-06	0.00E+00	2.99E-07	0.00E+00	7.97E-09	4.66E-06	0.00E+00	0.00E+00	4.66E-06
2844	ALL	656894.5	4189844	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.83E-09	7.83E-09	7.83E-09	1.78E-06	0.00E+00	2.94E-07	0.00E+00	7.83E-09	4.57E-06	0.00E+00	0.00E+00	4.57E-06
2845	ALL	656875.3	4189884	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.69E-09	7.69E-09	7.69E-09	1.75E-06	0.00E+00	2.89E-07	0.00E+00	7.69E-09	4.49E-06	0.00E+00	0.00E+00	4.49E-06
2846	ALL	656856.2	4189924	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.55E-09	7.55E-09	7.55E-09	1.72E-06	0.00E+00	2.84E-07	0.00E+00	7.55E-09	4.41E-06	0.00E+00	0.00E+00	4.41E-06
2847	ALL	656837	4189964	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.42E-09	7.42E-09	7.42E-09	1.69E-06	0.00E+00	2.79E-07	0.00E+00	7.42E-09	4.34E-06	0.00E+00	0.00E+00	4.34E-06
2848	ALL	656817.9	4190004	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.30E-09	7.30E-09	7.30E-09	1.67E-06	0.00E+00	2.74E-07	0.00E+00	7.30E-09	4.27E-06	0.00E+00	0.00E+00	4.27E-06
2849	ALL	656798.7	4190044	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.19E-09	7.19E-09	7.19E-09	1.64E-06	0.00E+00	2.70E-07	0.00E+00	7.19E-09	4.20E-06	0.00E+00	0.00E+00	4.20E-06

2850	ALL	656779.6	4190084	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.09E-09	7.09E-09	7.09E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.09E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
2851	ALL	656760.4	4190124	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.99E-09	6.99E-09	6.99E-09	1.59E-06	0.00E+00	2.63E-07	0.00E+00	6.99E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2852	ALL	656741.3	4190164	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.89E-09	6.89E-09	6.89E-09	1.57E-06	0.00E+00	2.59E-07	0.00E+00	6.89E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2853	ALL	656722.1	4190204	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.80E-09	6.80E-09	6.80E-09	1.55E-06	0.00E+00	2.55E-07	0.00E+00	6.80E-09	3.97E-06	0.00E+00	0.00E+00	3.97E-06
2854	ALL	656703	4190245	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.71E-09	6.71E-09	6.71E-09	1.53E-06	0.00E+00	2.52E-07	0.00E+00	6.71E-09	3.92E-06	0.00E+00	0.00E+00	3.92E-06
2855	ALL	656683.8	4190285	NonCancer	0.00E+00	9.99E-08	0.00E+00	6.63E-09	6.63E-09	6.63E-09	1.52E-06	0.00E+00	2.49E-07	0.00E+00	6.63E-09	3.88E-06	0.00E+00	0.00E+00	3.88E-06
2856	ALL	656664.7	4190325	NonCancer	0.00E+00	9.88E-08	0.00E+00	6.55E-09	6.55E-09	6.55E-09	1.50E-06	0.00E+00	2.46E-07	0.00E+00	6.55E-09	3.84E-06	0.00E+00	0.00E+00	3.84E-06
2857	ALL	656645.5	4190365	NonCancer	0.00E+00	9.79E-08	0.00E+00	6.50E-09	6.50E-09	6.50E-09	1.49E-06	0.00E+00	2.44E-07	0.00E+00	6.50E-09	3.80E-06	0.00E+00	0.00E+00	3.80E-06
2858	ALL	656626.4	4190405	NonCancer	0.00E+00	9.73E-08	0.00E+00	6.46E-09	6.46E-09	6.46E-09	1.47E-06	0.00E+00	2.43E-07	0.00E+00	6.46E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2859	ALL	656607.2	4190445	NonCancer	0.00E+00	9.70E-08	0.00E+00	6.43E-09	6.43E-09	6.43E-09	1.46E-06	0.00E+00	2.42E-07	0.00E+00	6.43E-09	3.76E-06	0.00E+00	0.00E+00	3.76E-06
2860	ALL	656588.1	4190485	NonCancer	0.00E+00	9.69E-08	0.00E+00	6.43E-09	6.43E-09	6.43E-09	1.45E-06	0.00E+00	2.41E-07	0.00E+00	6.43E-09	3.75E-06	0.00E+00	0.00E+00	3.75E-06
2861	ALL	656568.9	4190525	NonCancer	0.00E+00	9.69E-08	0.00E+00	6.42E-09	6.42E-09	6.42E-09	1.44E-06	0.00E+00	2.41E-07	0.00E+00	6.42E-09	3.74E-06	0.00E+00	0.00E+00	3.74E-06
2862	ALL	656549.8	4190565	NonCancer	0.00E+00	9.68E-08	0.00E+00	6.42E-09	6.42E-09	6.42E-09	1.43E-06	0.00E+00	2.41E-07	0.00E+00	6.42E-09	3.73E-06	0.00E+00	0.00E+00	3.73E-06
2863	ALL	656530.6	4190605	NonCancer	0.00E+00	9.66E-08	0.00E+00	6.41E-09	6.41E-09	6.41E-09	1.42E-06	0.00E+00	2.40E-07	0.00E+00	6.41E-09	3.71E-06	0.00E+00	0.00E+00	3.71E-06
2864	ALL	656511.5	4190645	NonCancer	0.00E+00	9.60E-08	0.00E+00	6.37E-09	6.37E-09	6.37E-09	1.41E-06	0.00E+00	2.39E-07	0.00E+00	6.37E-09	3.68E-06	0.00E+00	0.00E+00	3.68E-06
2865	ALL	656492.3	4190685	NonCancer	0.00E+00	9.49E-08	0.00E+00	6.30E-09	6.30E-09	6.30E-09	1.40E-06	0.00E+00	2.36E-07	0.00E+00	6.30E-09	3.64E-06	0.00E+00	0.00E+00	3.64E-06
2866	ALL	656473.2	4190725	NonCancer	0.00E+00	9.34E-08	0.00E+00	6.19E-09	6.19E-09	6.19E-09	1.38E-06	0.00E+00	2.32E-07	0.00E+00	6.19E-09	3.59E-06	0.00E+00	0.00E+00	3.59E-06
2867	ALL	656454	4190766	NonCancer	0.00E+00	9.14E-08	0.00E+00	6.06E-09	6.06E-09	6.06E-09	1.36E-06	0.00E+00	2.28E-07	0.00E+00	6.06E-09	3.52E-06	0.00E+00	0.00E+00	3.52E-06
2868	ALL	656414.2	4190814	NonCancer	0.00E+00	8.84E-08	0.00E+00	5.86E-09	5.86E-09	5.86E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.86E-09	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2869	ALL	656372.9	4190830	NonCancer	0.00E+00	8.69E-08	0.00E+00	5.76E-09	5.76E-09	5.76E-09	1.32E-06	0.00E+00	2.17E-07	0.00E+00	5.76E-09	3.37E-06	0.00E+00	0.00E+00	3.37E-06
2870	ALL	656331.5	4190846	NonCancer	0.00E+00	8.54E-08	0.00E+00	5.66E-09	5.66E-09	5.66E-09	1.31E-06	0.00E+00	2.13E-07	0.00E+00	5.66E-09	3.32E-06	0.00E+00	0.00E+00	3.32E-06
2871	ALL	656290.2	4190863	NonCancer	0.00E+00	8.40E-08	0.00E+00	5.57E-09	5.57E-09	5.57E-09	1.30E-06	0.00E+00	2.10E-07	0.00E+00	5.57E-09	3.28E-06	0.00E+00	0.00E+00	3.28E-06
2872	ALL	656248.9	4190879	NonCancer	0.00E+00	8.30E-08	0.00E+00	5.51E-09	5.51E-09	5.51E-09	1.29E-06	0.00E+00	2.07E-07	0.00E+00	5.51E-09	3.25E-06	0.00E+00	0.00E+00	3.25E-06
2873	ALL	656207.6	4190895	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.28E-06	0.00E+00	2.06E-07	0.00E+00	5.47E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2874	ALL	656166.2	4190911	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.28E-06	0.00E+00	2.06E-07	0.00E+00	5.47E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2875	ALL	656124.9	4190928	NonCancer	0.00E+00	8.30E-08	0.00E+00	5.51E-09	5.51E-09	5.51E-09	1.28E-06	0.00E+00	2.07E-07	0.00E+00	5.51E-09	3.24E-06	0.00E+00	0.00E+00	3.24E-06
2876	ALL	656083.6	4190944	NonCancer	0.00E+00	8.40E-08	0.00E+00	5.57E-09	5.57E-09	5.57E-09	1.29E-06	0.00E+00	2.09E-07	0.00E+00	5.57E-09	3.27E-06	0.00E+00	0.00E+00	3.27E-06
2877	ALL	656042.2	4190960	NonCancer	0.00E+00	8.51E-08	0.00E+00	5.65E-09	5.65E-09	5.65E-09	1.29E-06	0.00E+00	2.12E-07	0.00E+00	5.65E-09	3.30E-06	0.00E+00	0.00E+00	3.30E-06
2878	ALL	656000.9	4190976	NonCancer	0.00E+00	8.64E-08	0.00E+00	5.73E-09	5.73E-09	5.73E-09	1.30E-06	0.00E+00	2.15E-07	0.00E+00	5.73E-09	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2879	ALL	655959.6	4190993	NonCancer	0.00E+00	8.77E-08	0.00E+00	5.82E-09	5.82E-09	5.82E-09	1.31E-06	0.00E+00	2.18E-07	0.00E+00	5.82E-09	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2880	ALL	655918.3	4191009	NonCancer	0.00E+00	8.87E-08	0.00E+00	5.89E-09	5.89E-09	5.89E-09	1.32E-06	0.00E+00	2.21E-07	0.00E+00	5.89E-09	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2881	ALL	655876.9	4191025	NonCancer	0.00E+00	8.95E-08	0.00E+00	5.94E-09	5.94E-09	5.94E-09	1.33E-06	0.00E+00	2.23E-07	0.00E+00	5.94E-09	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2882	ALL	655835.6	4191042	NonCancer	0.00E+00	8.98E-08	0.00E+00	5.96E-09	5.96E-09	5.96E-09	1.33E-06	0.00E+00	2.24E-07	0.00E+00	5.96E-09	3.46E-06	0.00E+00	0.00E+00	3.46E-06
2883	ALL	655794.3	4191058	NonCancer	0.00E+00	8.98E-08	0.00E+00	5.96E-09	5.96E-09	5.96E-09	1.34E-06	0.00E+00	2.24E-07	0.00E+00	5.96E-09	3.46E-06	0.00E+00	0.00E+00	3.46E-06
2884	ALL	655752.9	4191074	NonCancer	0.00E+00	8.95E-08	0.00E+00	5.93E-09	5.93E-09	5.93E-09	1.34E-06	0.00E+00	2.23E-07	0.00E+00	5.93E-09	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2885	ALL	655711.6	4191090	NonCancer	0.00E+00	8.89E-08	0.00E+00	5.89E-09	5.89E-09	5.89E-09	1.33E-06	0.00E+00	2.21E-07	0.00E+00	5.89E-09	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2886	ALL	655670.3	4191107	NonCancer	0.00E+00	8.81E-08	0.00E+00	5.84E-09	5.84E-09	5.84E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.84E-09	3.41E-06	0.00E+00	0.00E+00	3.41E-06
2887	ALL	655629	4191123	NonCancer	0.00E+00	8.73E-08	0.00E+00	5.79E-09	5.79E-09	5.79E-09	1.32E-06	0.00E+00	2.18E-07	0.00E+00	5.79E-09	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2888	ALL	655587.6	4191139	NonCancer	0.00E+00	8.66E-08	0.00E+00	5.74E-09	5.74E-09	5.74E-09	1.32E-06	0.00E+00	2.16E-07	0.00E+00	5.74E-09	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2889	ALL	655546.3	4191155	NonCancer	0.00E+00	8.61E-08	0.00E+00	5.71E-09	5.71E-09	5.71E-09	1.32E-06	0.00E+00	2.15E-07	0.00E+00	5.71E-09	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2890	ALL	655505	4191172	NonCancer	0.00E+00	8.59E-08	0.00E+00	5.70E-09	5.70E-09	5.70E-09	1.31E-06	0.00E+00	2.14E-07	0.00E+00	5.70E-09	3.34E-06	0.00E+00	0.00E+00	3.34E-06
2891	ALL	655463.6	4191188	NonCancer	0.00E+00	8.61E-08	0.00E+00	5.71E-09	5.71E-09	5.71E-09	1.31E-06	0.00E+00	2.15E-07	0.00E+00	5.71E-09	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2892	ALL	655422.3	4191204	NonCancer	0.00E+00	8.66E-08	0.00E+00	5.74E-09	5.74E-09	5.74E-09	1.31E-06	0.00E+00	2.16E-07	0.00E+00	5.74E-09	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2893	ALL	655381	4191220	NonCancer	0.00E+00	8.72E-08	0.00E+00	5.78E-09	5.78E-09	5.78E-09	1.32E-06	0.00E+00	2.17E-07	0.00E+00	5.78E-09	3.38E-06	0.00E+00	0.00E+00	3.38E-06
2894	ALL	655339.7	4191237	NonCancer	0.00E+00	8.79E-08	0.00E+00	5.83E-09	5.83E-09	5.83E-09	1.32E-06	0.00E+00	2.19E-07	0.00E+00	5.83E-09	3.40E-06	0.00E+00	0.00E+00	3.40E-06
2895	ALL	655298.3	4191253	NonCancer	0.00E+00	8.84E-08	0.00E+00	5.87E-09	5.87E-09	5.87E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.87E-09	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2896	ALL	655257	4191269	NonCancer	0.00E+00	8.89E-08	0.00E+00	5.90E-09	5.90E-09	5.90E-09	1.33E-06	0.00E+00	2.22E-07	0.00E+00	5.90E-09	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2897	ALL	655215.7	4191286	NonCancer	0.00E+00	8.92E-08	0.00E+00	5.92E-09	5.92E-09	5.92E-09	1.33E-06	0.00E+00	2.22E-07	0.00E+00	5.92E-09	3.44E-06	0.00E+00	0.00E+00	3.44E-06
2898	ALL	655174.3	4191302	NonCancer	0.00E+00	8.93E-08	0.00E+00	5.93E-09	5.93E-09	5.93E-09	1.33E-06	0.00E+00	2.23E-07	0.00E+00	5.93E-09	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2899	ALL	655133	4191318	NonCancer	0.00E+00	8.92E-08	0.00E+00	5.92E-09	5.92E-09	5.92E-09	1.33E-06	0.00E+00	2.22E-07	0.00E+00	5.92E-09	3.44E-06	0.00E+00	0.00E+00	3.44E-06

2900	ALL	655091.7	4191334	NonCancer	0.00E+00	8.89E-08	0.00E+00	5.90E-09	5.90E-09	5.90E-09	1.33E-06	0.00E+00	2.21E-07	0.00E+00	5.90E-09	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2901	ALL	655050.4	4191351	NonCancer	0.00E+00	8.83E-08	0.00E+00	5.86E-09	5.86E-09	5.86E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.86E-09	3.41E-06	0.00E+00	0.00E+00	3.41E-06
2902	ALL	655009	4191367	NonCancer	0.00E+00	8.75E-08	0.00E+00	5.81E-09	5.81E-09	5.81E-09	1.32E-06	0.00E+00	2.18E-07	0.00E+00	5.81E-09	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2903	ALL	654967.7	4191383	NonCancer	0.00E+00	8.67E-08	0.00E+00	5.75E-09	5.75E-09	5.75E-09	1.31E-06	0.00E+00	2.16E-07	0.00E+00	5.75E-09	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2904	ALL	654926.4	4191399	NonCancer	0.00E+00	8.60E-08	0.00E+00	5.70E-09	5.70E-09	5.70E-09	1.30E-06	0.00E+00	2.14E-07	0.00E+00	5.70E-09	3.34E-06	0.00E+00	0.00E+00	3.34E-06
2905	ALL	654885	4191416	NonCancer	0.00E+00	8.53E-08	0.00E+00	5.66E-09	5.66E-09	5.66E-09	1.30E-06	0.00E+00	2.13E-07	0.00E+00	5.66E-09	3.31E-06	0.00E+00	0.00E+00	3.31E-06
2906	ALL	654843.7	4191432	NonCancer	0.00E+00	8.48E-08	0.00E+00	5.63E-09	5.63E-09	5.63E-09	1.29E-06	0.00E+00	2.11E-07	0.00E+00	5.63E-09	3.29E-06	0.00E+00	0.00E+00	3.29E-06
2907	ALL	654802.4	4191448	NonCancer	0.00E+00	8.44E-08	0.00E+00	5.60E-09	5.60E-09	5.60E-09	1.28E-06	0.00E+00	2.10E-07	0.00E+00	5.60E-09	3.27E-06	0.00E+00	0.00E+00	3.27E-06
2908	ALL	654761.1	4191464	NonCancer	0.00E+00	8.40E-08	0.00E+00	5.57E-09	5.57E-09	5.57E-09	1.28E-06	0.00E+00	2.09E-07	0.00E+00	5.57E-09	3.26E-06	0.00E+00	0.00E+00	3.26E-06
2909	ALL	654719.7	4191481	NonCancer	0.00E+00	8.36E-08	0.00E+00	5.54E-09	5.54E-09	5.54E-09	1.27E-06	0.00E+00	2.08E-07	0.00E+00	5.54E-09	3.24E-06	0.00E+00	0.00E+00	3.24E-06
2910	ALL	654678.4	4191497	NonCancer	0.00E+00	8.32E-08	0.00E+00	5.52E-09	5.52E-09	5.52E-09	1.27E-06	0.00E+00	2.07E-07	0.00E+00	5.52E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2911	ALL	654637.1	4191513	NonCancer	0.00E+00	8.28E-08	0.00E+00	5.49E-09	5.49E-09	5.49E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.49E-09	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2912	ALL	654595.7	4191530	NonCancer	0.00E+00	8.26E-08	0.00E+00	5.48E-09	5.48E-09	5.48E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.48E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2913	ALL	654554.4	4191546	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.47E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2914	ALL	654513.1	4191562	NonCancer	0.00E+00	8.26E-08	0.00E+00	5.48E-09	5.48E-09	5.48E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.48E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2915	ALL	654471.8	4191578	NonCancer	0.00E+00	8.29E-08	0.00E+00	5.50E-09	5.50E-09	5.50E-09	1.26E-06	0.00E+00	2.07E-07	0.00E+00	5.50E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2916	ALL	654430.4	4191595	NonCancer	0.00E+00	8.32E-08	0.00E+00	5.52E-09	5.52E-09	5.52E-09	1.26E-06	0.00E+00	2.07E-07	0.00E+00	5.52E-09	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2917	ALL	654389.1	4191611	NonCancer	0.00E+00	8.35E-08	0.00E+00	5.54E-09	5.54E-09	5.54E-09	1.26E-06	0.00E+00	2.08E-07	0.00E+00	5.54E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2918	ALL	654347.8	4191627	NonCancer	0.00E+00	8.37E-08	0.00E+00	5.55E-09	5.55E-09	5.55E-09	1.26E-06	0.00E+00	2.09E-07	0.00E+00	5.55E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2919	ALL	654306.4	4191643	NonCancer	0.00E+00	8.37E-08	0.00E+00	5.55E-09	5.55E-09	5.55E-09	1.25E-06	0.00E+00	2.09E-07	0.00E+00	5.55E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2920	ALL	654265.1	4191660	NonCancer	0.00E+00	8.35E-08	0.00E+00	5.54E-09	5.54E-09	5.54E-09	1.25E-06	0.00E+00	2.08E-07	0.00E+00	5.54E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2921	ALL	654223.8	4191676	NonCancer	0.00E+00	8.32E-08	0.00E+00	5.52E-09	5.52E-09	5.52E-09	1.25E-06	0.00E+00	2.07E-07	0.00E+00	5.52E-09	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2922	ALL	654182.5	4191692	NonCancer	0.00E+00	8.29E-08	0.00E+00	5.50E-09	5.50E-09	5.50E-09	1.25E-06	0.00E+00	2.06E-07	0.00E+00	5.50E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2923	ALL	654141.1	4191709	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.24E-06	0.00E+00	2.05E-07	0.00E+00	5.47E-09	3.19E-06	0.00E+00	0.00E+00	3.19E-06
2924	ALL	654099.8	4191725	NonCancer	0.00E+00	8.20E-08	0.00E+00	5.44E-09	5.44E-09	5.44E-09	1.24E-06	0.00E+00	2.04E-07	0.00E+00	5.44E-09	3.18E-06	0.00E+00	0.00E+00	3.18E-06
2925	ALL	654058.5	4191741	NonCancer	0.00E+00	8.15E-08	0.00E+00	5.41E-09	5.41E-09	5.41E-09	1.23E-06	0.00E+00	2.03E-07	0.00E+00	5.41E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2926	ALL	654017.1	4191757	NonCancer	0.00E+00	8.10E-08	0.00E+00	5.37E-09	5.37E-09	5.37E-09	1.22E-06	0.00E+00	2.02E-07	0.00E+00	5.37E-09	3.14E-06	0.00E+00	0.00E+00	3.14E-06
2927	ALL	653975.8	4191774	NonCancer	0.00E+00	8.03E-08	0.00E+00	5.32E-09	5.32E-09	5.32E-09	1.22E-06	0.00E+00	2.00E-07	0.00E+00	5.32E-09	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2928	ALL	653934.5	4191790	NonCancer	0.00E+00	7.95E-08	0.00E+00	5.27E-09	5.27E-09	5.27E-09	1.21E-06	0.00E+00	1.98E-07	0.00E+00	5.27E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
2929	ALL	653893.2	4191806	NonCancer	0.00E+00	7.87E-08	0.00E+00	5.22E-09	5.22E-09	5.22E-09	1.20E-06	0.00E+00	1.96E-07	0.00E+00	5.22E-09	3.06E-06	0.00E+00	0.00E+00	3.06E-06
2930	ALL	653851.8	4191822	NonCancer	0.00E+00	7.81E-08	0.00E+00	5.18E-09	5.18E-09	5.18E-09	1.19E-06	0.00E+00	1.95E-07	0.00E+00	5.18E-09	3.04E-06	0.00E+00	0.00E+00	3.04E-06
2931	ALL	657652.4	4188239	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
2932	ALL	657655.6	4188194	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2933	ALL	657658.7	4188150	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.87E-06	0.00E+00	0.00E+00	6.87E-06
2934	ALL	653819	4187853	NonCancer	0.00E+00	5.31E-05	0.00E+00	3.52E-06	3.52E-06	3.52E-06	6.07E-04	0.00E+00	1.31E-04	0.00E+00	3.52E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
2935	ALL	653794.3	4187852	NonCancer	0.00E+00	5.65E-05	0.00E+00	3.75E-06	3.75E-06	3.75E-06	6.52E-04	0.00E+00	1.39E-04	0.00E+00	3.75E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
2936	ALL	653769.5	4187851	NonCancer	0.00E+00	5.55E-05	0.00E+00	3.69E-06	3.69E-06	3.69E-06	6.69E-04	0.00E+00	1.37E-04	0.00E+00	3.69E-06	2.02E-03	0.00E+00	0.00E+00	2.02E-03
2937	ALL	653744.7	4187851	NonCancer	0.00E+00	5.03E-05	0.00E+00	3.34E-06	3.34E-06	3.34E-06	6.41E-04	0.00E+00	1.24E-04	0.00E+00	3.34E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2938	ALL	653719.9	4187850	NonCancer	0.00E+00	4.65E-05	0.00E+00	3.09E-06	3.09E-06	3.09E-06	5.87E-04	0.00E+00	1.15E-04	0.00E+00	3.09E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2939	ALL	653695.1	4187849	NonCancer	0.00E+00	4.16E-05	0.00E+00	2.76E-06	2.76E-06	2.76E-06	5.40E-04	0.00E+00	1.03E-04	0.00E+00	2.76E-06	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2940	ALL	653837.6	4187836	NonCancer	0.00E+00	4.05E-05	0.00E+00	2.69E-06	2.69E-06	2.69E-06	4.78E-04	0.00E+00	1.00E-04	0.00E+00	2.69E-06	1.47E-03	0.00E+00	0.00E+00	1.47E-03
2941	ALL	653794.9	4187827	NonCancer	0.00E+00	4.01E-05	0.00E+00	2.66E-06	2.66E-06	2.66E-06	4.85E-04	0.00E+00	9.90E-05	0.00E+00	2.66E-06	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2942	ALL	653770.1	4187826	NonCancer	0.00E+00	3.84E-05	0.00E+00	2.55E-06	2.55E-06	2.55E-06	4.86E-04	0.00E+00	9.49E-05	0.00E+00	2.55E-06	1.41E-03	0.00E+00	0.00E+00	1.41E-03
2943	ALL	653745.4	4187826	NonCancer	0.00E+00	3.51E-05	0.00E+00	2.33E-06	2.33E-06	2.33E-06	4.63E-04	0.00E+00	8.70E-05	0.00E+00	2.33E-06	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2944	ALL	653720.6	4187825	NonCancer	0.00E+00	3.32E-05	0.00E+00	2.20E-06	2.20E-06	2.20E-06	4.30E-04	0.00E+00	8.23E-05	0.00E+00	2.20E-06	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2945	ALL	653695.8	4187824	NonCancer	0.00E+00	3.12E-05	0.00E+00	2.07E-06	2.07E-06	2.07E-06	4.06E-04	0.00E+00	7.73E-05	0.00E+00	2.07E-06	1.16E-03	0.00E+00	0.00E+00	1.16E-03
2946	ALL	653838.2	4187811	NonCancer	0.00E+00	3.09E-05	0.00E+00	2.05E-06	2.05E-06	2.05E-06	3.79E-04	0.00E+00	7.64E-05	0.00E+00	2.05E-06	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2947	ALL	653880.3	4187846	NonCancer	0.00E+00	3.71E-05	0.00E+00	2.46E-06	2.46E-06	2.46E-06	4.31E-04	0.00E+00	9.16E-05	0.00E+00	2.46E-06	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2948	ALL	653795.6	4187802	NonCancer	0.00E+00	2.97E-05	0.00E+00	1.97E-06	1.97E-06	1.97E-06	3.74E-04	0.00E+00	7.35E-05	0.00E+00	1.97E-06	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2949	ALL	653770.8	4187801	NonCancer	0.00E+00	2.81E-05	0.00E+00	1.86E-06	1.86E-06	1.86E-06	3.68E-04	0.00E+00	6.95E-05	0.00E+00	1.86E-06	1.04E-03	0.00E+00	0.00E+00	1.04E-03

2950	ALL	653746	4187801	NonCancer	0.00E+00	2.60E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.51E-04	0.00E+00	6.45E-05	0.00E+00	1.72E-06	9.75E-04	0.00E+00	0.00E+00	9.75E-04
2951	ALL	653721.3	4187800	NonCancer	0.00E+00	2.50E-05	0.00E+00	1.66E-06	1.66E-06	1.66E-06	3.30E-04	0.00E+00	6.19E-05	0.00E+00	1.66E-06	9.32E-04	0.00E+00	0.00E+00	9.32E-04
2952	ALL	653696.5	4187799	NonCancer	0.00E+00	2.41E-05	0.00E+00	1.60E-06	1.60E-06	1.60E-06	3.16E-04	0.00E+00	5.98E-05	0.00E+00	1.60E-06	8.97E-04	0.00E+00	0.00E+00	8.97E-04
2953	ALL	653838.9	4187786	NonCancer	0.00E+00	2.44E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.07E-04	0.00E+00	6.03E-05	0.00E+00	1.62E-06	8.98E-04	0.00E+00	0.00E+00	8.98E-04
2954	ALL	653874.6	4187802	NonCancer	0.00E+00	2.60E-05	0.00E+00	1.73E-06	1.73E-06	1.73E-06	3.21E-04	0.00E+00	6.43E-05	0.00E+00	1.73E-06	9.53E-04	0.00E+00	0.00E+00	9.53E-04
2955	ALL	653898.9	4187829	NonCancer	0.00E+00	2.96E-05	0.00E+00	1.96E-06	1.96E-06	1.96E-06	3.53E-04	0.00E+00	7.31E-05	0.00E+00	1.96E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2956	ALL	653796.3	4187777	NonCancer	0.00E+00	2.29E-05	0.00E+00	1.52E-06	1.52E-06	1.52E-06	2.98E-04	0.00E+00	5.67E-05	0.00E+00	1.52E-06	8.51E-04	0.00E+00	0.00E+00	8.51E-04
2957	ALL	653771.5	4187776	NonCancer	0.00E+00	2.16E-05	0.00E+00	1.43E-06	1.43E-06	1.43E-06	2.90E-04	0.00E+00	5.35E-05	0.00E+00	1.43E-06	8.09E-04	0.00E+00	0.00E+00	8.09E-04
2958	ALL	653746.7	4187776	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.33E-06	1.33E-06	1.33E-06	2.76E-04	0.00E+00	4.99E-05	0.00E+00	1.33E-06	7.58E-04	0.00E+00	0.00E+00	7.58E-04
2959	ALL	653721.9	4187775	NonCancer	0.00E+00	1.95E-05	0.00E+00	1.30E-06	1.30E-06	1.30E-06	2.63E-04	0.00E+00	4.84E-05	0.00E+00	1.30E-06	7.32E-04	0.00E+00	0.00E+00	7.32E-04
2960	ALL	653697.1	4187774	NonCancer	0.00E+00	1.92E-05	0.00E+00	1.27E-06	1.27E-06	1.27E-06	2.54E-04	0.00E+00	4.76E-05	0.00E+00	1.27E-06	7.16E-04	0.00E+00	0.00E+00	7.16E-04
2961	ALL	653843.8	4187738	NonCancer	0.00E+00	1.65E-05	0.00E+00	1.09E-06	1.09E-06	1.09E-06	2.14E-04	0.00E+00	4.08E-05	0.00E+00	1.09E-06	6.12E-04	0.00E+00	0.00E+00	6.12E-04
2962	ALL	653865.2	4187747	NonCancer	0.00E+00	1.71E-05	0.00E+00	1.13E-06	1.13E-06	1.13E-06	2.21E-04	0.00E+00	4.23E-05	0.00E+00	1.13E-06	6.34E-04	0.00E+00	0.00E+00	6.34E-04
2963	ALL	653886.6	4187757	NonCancer	0.00E+00	1.76E-05	0.00E+00	1.17E-06	1.17E-06	1.17E-06	2.27E-04	0.00E+00	4.36E-05	0.00E+00	1.17E-06	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2964	ALL	653908.1	4187767	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	2.31E-04	0.00E+00	4.50E-05	0.00E+00	1.21E-06	6.71E-04	0.00E+00	0.00E+00	6.71E-04
2965	ALL	653937.2	4187799	NonCancer	0.00E+00	2.05E-05	0.00E+00	1.36E-06	1.36E-06	1.36E-06	2.54E-04	0.00E+00	5.08E-05	0.00E+00	1.36E-06	7.53E-04	0.00E+00	0.00E+00	7.53E-04
2966	ALL	653944.9	4187821	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.73E-04	0.00E+00	5.52E-05	0.00E+00	1.48E-06	8.16E-04	0.00E+00	0.00E+00	8.16E-04
2967	ALL	653952.6	4187844	NonCancer	0.00E+00	2.35E-05	0.00E+00	1.56E-06	1.56E-06	1.56E-06	2.85E-04	0.00E+00	5.80E-05	0.00E+00	1.56E-06	8.56E-04	0.00E+00	0.00E+00	8.56E-04
2968	ALL	653960.3	4187866	NonCancer	0.00E+00	2.38E-05	0.00E+00	1.58E-06	1.58E-06	1.58E-06	2.89E-04	0.00E+00	5.88E-05	0.00E+00	1.58E-06	8.69E-04	0.00E+00	0.00E+00	8.69E-04
2969	ALL	653822.4	4187728	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.04E-04	0.00E+00	3.81E-05	0.00E+00	1.02E-06	5.75E-04	0.00E+00	0.00E+00	5.75E-04
2970	ALL	653797.6	4187727	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.87E-07	9.87E-07	9.87E-07	2.02E-04	0.00E+00	3.69E-05	0.00E+00	9.87E-07	5.59E-04	0.00E+00	0.00E+00	5.59E-04
2971	ALL	653772.8	4187726	NonCancer	0.00E+00	1.40E-05	0.00E+00	9.32E-07	9.32E-07	9.32E-07	1.95E-04	0.00E+00	3.49E-05	0.00E+00	9.32E-07	5.31E-04	0.00E+00	0.00E+00	5.31E-04
2972	ALL	653748	4187726	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.78E-07	8.78E-07	8.78E-07	1.86E-04	0.00E+00	3.29E-05	0.00E+00	8.78E-07	5.02E-04	0.00E+00	0.00E+00	5.02E-04
2973	ALL	653723.3	4187725	NonCancer	0.00E+00	1.29E-05	0.00E+00	8.59E-07	8.59E-07	8.59E-07	1.78E-04	0.00E+00	3.21E-05	0.00E+00	8.59E-07	4.88E-04	0.00E+00	0.00E+00	4.88E-04
2974	ALL	653698.5	4187724	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.60E-07	8.60E-07	8.60E-07	1.75E-04	0.00E+00	3.21E-05	0.00E+00	8.60E-07	4.86E-04	0.00E+00	0.00E+00	4.86E-04
2975	ALL	653844.1	4187687	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.77E-07	7.77E-07	7.77E-07	1.57E-04	0.00E+00	2.91E-05	0.00E+00	7.77E-07	4.39E-04	0.00E+00	0.00E+00	4.39E-04
2976	ALL	653884.9	4187706	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.37E-07	8.37E-07	8.37E-07	1.67E-04	0.00E+00	3.13E-05	0.00E+00	8.37E-07	4.71E-04	0.00E+00	0.00E+00	4.71E-04
2977	ALL	653905.3	4187715	NonCancer	0.00E+00	1.29E-05	0.00E+00	8.53E-07	8.53E-07	8.53E-07	1.70E-04	0.00E+00	3.19E-05	0.00E+00	8.53E-07	4.80E-04	0.00E+00	0.00E+00	4.80E-04
2978	ALL	653946.1	4187734	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.99E-07	8.99E-07	8.99E-07	1.76E-04	0.00E+00	3.36E-05	0.00E+00	8.99E-07	5.03E-04	0.00E+00	0.00E+00	5.03E-04
2979	ALL	653973.8	4187764	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.89E-07	9.89E-07	9.89E-07	1.90E-04	0.00E+00	3.69E-05	0.00E+00	9.89E-07	5.50E-04	0.00E+00	0.00E+00	5.50E-04
2980	ALL	653988.5	4187807	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.12E-04	0.00E+00	4.18E-05	0.00E+00	1.12E-06	6.21E-04	0.00E+00	0.00E+00	6.21E-04
2981	ALL	654003.2	4187849	NonCancer	0.00E+00	1.75E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.19E-04	0.00E+00	4.33E-05	0.00E+00	1.16E-06	6.43E-04	0.00E+00	0.00E+00	6.43E-04
2982	ALL	653798.9	4187677	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.98E-07	6.98E-07	6.98E-07	1.47E-04	0.00E+00	2.61E-05	0.00E+00	6.98E-07	3.98E-04	0.00E+00	0.00E+00	3.98E-04
2983	ALL	653774.2	4187676	NonCancer	0.00E+00	9.99E-06	0.00E+00	6.63E-07	6.63E-07	6.63E-07	1.42E-04	0.00E+00	2.48E-05	0.00E+00	6.63E-07	3.80E-04	0.00E+00	0.00E+00	3.80E-04
2984	ALL	653749.4	4187676	NonCancer	0.00E+00	9.49E-06	0.00E+00	6.30E-07	6.30E-07	6.30E-07	1.36E-04	0.00E+00	2.36E-05	0.00E+00	6.30E-07	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2985	ALL	653724.6	4187675	NonCancer	0.00E+00	9.33E-06	0.00E+00	6.19E-07	6.19E-07	6.19E-07	1.31E-04	0.00E+00	2.32E-05	0.00E+00	6.19E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2986	ALL	653699.8	4187674	NonCancer	0.00E+00	9.38E-06	0.00E+00	6.22E-07	6.22E-07	6.22E-07	1.29E-04	0.00E+00	2.33E-05	0.00E+00	6.22E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2987	ALL	653847.4	4187638	NonCancer	0.00E+00	8.77E-06	0.00E+00	5.82E-07	5.82E-07	5.82E-07	1.21E-04	0.00E+00	2.18E-05	0.00E+00	5.82E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
2988	ALL	653869.7	4187648	NonCancer	0.00E+00	9.32E-06	0.00E+00	6.18E-07	6.18E-07	6.18E-07	1.26E-04	0.00E+00	2.31E-05	0.00E+00	6.18E-07	3.50E-04	0.00E+00	0.00E+00	3.50E-04
2989	ALL	653892	4187658	NonCancer	0.00E+00	9.66E-06	0.00E+00	6.41E-07	6.41E-07	6.41E-07	1.30E-04	0.00E+00	2.40E-05	0.00E+00	6.41E-07	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2990	ALL	653914.3	4187669	NonCancer	0.00E+00	9.80E-06	0.00E+00	6.50E-07	6.50E-07	6.50E-07	1.32E-04	0.00E+00	2.43E-05	0.00E+00	6.50E-07	3.68E-04	0.00E+00	0.00E+00	3.68E-04
2991	ALL	653936.6	4187679	NonCancer	0.00E+00	9.98E-06	0.00E+00	6.62E-07	6.62E-07	6.62E-07	1.35E-04	0.00E+00	2.48E-05	0.00E+00	6.62E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
2992	ALL	653958.9	4187689	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.81E-07	6.81E-07	6.81E-07	1.37E-04	0.00E+00	2.55E-05	0.00E+00	6.81E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
2993	ALL	653981.2	4187699	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.97E-07	6.97E-07	6.97E-07	1.39E-04	0.00E+00	2.60E-05	0.00E+00	6.97E-07	3.92E-04	0.00E+00	0.00E+00	3.92E-04
2994	ALL	654011.6	4187733	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.61E-07	7.61E-07	7.61E-07	1.49E-04	0.00E+00	2.84E-05	0.00E+00	7.61E-07	4.26E-04	0.00E+00	0.00E+00	4.26E-04
2995	ALL	654019.6	4187756	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.16E-07	8.16E-07	8.16E-07	1.59E-04	0.00E+00	3.05E-05	0.00E+00	8.16E-07	4.56E-04	0.00E+00	0.00E+00	4.56E-04
2996	ALL	654027.6	4187779	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.60E-07	8.60E-07	8.60E-07	1.66E-04	0.00E+00	3.21E-05	0.00E+00	8.60E-07	4.79E-04	0.00E+00	0.00E+00	4.79E-04
2997	ALL	654035.6	4187802	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.86E-07	8.86E-07	8.86E-07	1.70E-04	0.00E+00	3.31E-05	0.00E+00	8.86E-07	4.93E-04	0.00E+00	0.00E+00	4.93E-04
2998	ALL	654043.7	4187826	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.94E-07	8.94E-07	8.94E-07	1.72E-04	0.00E+00	3.34E-05	0.00E+00	8.94E-07	4.98E-04	0.00E+00	0.00E+00	4.98E-04
2999	ALL	654051.7	4187849	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.88E-07	8.88E-07	8.88E-07	1.72E-04	0.00E+00	3.31E-05	0.00E+00	8.88E-07	4.95E-04	0.00E+00	0.00E+00	4.95E-04

3000	ALL	654059.7	4187872	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.71E-07	8.71E-07	8.71E-07	1.70E-04	0.00E+00	3.25E-05	0.00E+00	8.71E-07	4.87E-04	0.00E+00	0.00E+00	4.87E-04
3001	ALL	653825	4187628	NonCancer	0.00E+00	8.14E-06	0.00E+00	5.40E-07	5.40E-07	5.40E-07	1.14E-04	0.00E+00	2.02E-05	0.00E+00	5.40E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
3002	ALL	653800.3	4187627	NonCancer	0.00E+00	7.86E-06	0.00E+00	5.22E-07	5.22E-07	5.22E-07	1.12E-04	0.00E+00	1.95E-05	0.00E+00	5.22E-07	2.99E-04	0.00E+00	0.00E+00	2.99E-04
3003	ALL	653775.5	4187626	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	1.08E-04	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.86E-04	0.00E+00	0.00E+00	2.86E-04
3004	ALL	653750.7	4187626	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	1.04E-04	0.00E+00	1.79E-05	0.00E+00	4.76E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
3005	ALL	653725.9	4187625	NonCancer	0.00E+00	7.07E-06	0.00E+00	4.69E-07	4.69E-07	4.69E-07	1.01E-04	0.00E+00	1.76E-05	0.00E+00	4.69E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
3006	ALL	653701.2	4187624	NonCancer	0.00E+00	7.13E-06	0.00E+00	4.73E-07	4.73E-07	4.73E-07	9.94E-05	0.00E+00	1.77E-05	0.00E+00	4.73E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
3007	ALL	653847.8	4187588	NonCancer	0.00E+00	6.76E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.51E-05	0.00E+00	1.68E-05	0.00E+00	4.48E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
3008	ALL	653869.2	4187597	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.95E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.71E-04	0.00E+00	0.00E+00	2.71E-04
3009	ALL	653890.6	4187607	NonCancer	0.00E+00	7.53E-06	0.00E+00	5.00E-07	5.00E-07	5.00E-07	1.03E-04	0.00E+00	1.87E-05	0.00E+00	5.00E-07	2.84E-04	0.00E+00	0.00E+00	2.84E-04
3010	ALL	653912.1	4187617	NonCancer	0.00E+00	7.74E-06	0.00E+00	5.14E-07	5.14E-07	5.14E-07	1.05E-04	0.00E+00	1.92E-05	0.00E+00	5.14E-07	2.91E-04	0.00E+00	0.00E+00	2.91E-04
3011	ALL	653933.5	4187627	NonCancer	0.00E+00	7.82E-06	0.00E+00	5.19E-07	5.19E-07	5.19E-07	1.07E-04	0.00E+00	1.94E-05	0.00E+00	5.19E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
3012	ALL	653954.9	4187637	NonCancer	0.00E+00	7.90E-06	0.00E+00	5.24E-07	5.24E-07	5.24E-07	1.08E-04	0.00E+00	1.96E-05	0.00E+00	5.24E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
3013	ALL	653976.3	4187647	NonCancer	0.00E+00	8.08E-06	0.00E+00	5.36E-07	5.36E-07	5.36E-07	1.10E-04	0.00E+00	2.00E-05	0.00E+00	5.36E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
3014	ALL	653997.7	4187656	NonCancer	0.00E+00	8.29E-06	0.00E+00	5.50E-07	5.50E-07	5.50E-07	1.12E-04	0.00E+00	2.06E-05	0.00E+00	5.50E-07	3.11E-04	0.00E+00	0.00E+00	3.11E-04
3015	ALL	654019.2	4187666	NonCancer	0.00E+00	8.43E-06	0.00E+00	5.59E-07	5.59E-07	5.59E-07	1.13E-04	0.00E+00	2.09E-05	0.00E+00	5.59E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
3016	ALL	654048.3	4187698	NonCancer	0.00E+00	9.06E-06	0.00E+00	6.01E-07	6.01E-07	6.01E-07	1.20E-04	0.00E+00	2.25E-05	0.00E+00	6.01E-07	3.38E-04	0.00E+00	0.00E+00	3.38E-04
3017	ALL	654056	4187721	NonCancer	0.00E+00	9.63E-06	0.00E+00	6.39E-07	6.39E-07	6.39E-07	1.26E-04	0.00E+00	2.39E-05	0.00E+00	6.39E-07	3.58E-04	0.00E+00	0.00E+00	3.58E-04
3018	ALL	654063.7	4187743	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.72E-07	6.72E-07	6.72E-07	1.32E-04	0.00E+00	2.51E-05	0.00E+00	6.72E-07	3.76E-04	0.00E+00	0.00E+00	3.76E-04
3019	ALL	654071.4	4187765	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.96E-07	6.96E-07	6.96E-07	1.36E-04	0.00E+00	2.60E-05	0.00E+00	6.96E-07	3.89E-04	0.00E+00	0.00E+00	3.89E-04
3020	ALL	654079.1	4187787	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.09E-07	7.09E-07	7.09E-07	1.39E-04	0.00E+00	2.65E-05	0.00E+00	7.09E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
3021	ALL	654086.8	4187810	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.12E-07	7.12E-07	7.12E-07	1.40E-04	0.00E+00	2.66E-05	0.00E+00	7.12E-07	3.99E-04	0.00E+00	0.00E+00	3.99E-04
3022	ALL	654094.5	4187832	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.07E-07	7.07E-07	7.07E-07	1.39E-04	0.00E+00	2.64E-05	0.00E+00	7.07E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
3023	ALL	654102.2	4187854	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.97E-07	6.97E-07	6.97E-07	1.38E-04	0.00E+00	2.60E-05	0.00E+00	6.97E-07	3.91E-04	0.00E+00	0.00E+00	3.91E-04
3024	ALL	654109.9	4187877	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.82E-07	6.82E-07	6.82E-07	1.35E-04	0.00E+00	2.55E-05	0.00E+00	6.82E-07	3.83E-04	0.00E+00	0.00E+00	3.83E-04
3025	ALL	653826.4	4187578	NonCancer	0.00E+00	6.33E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	9.01E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.41E-04	0.00E+00	0.00E+00	2.41E-04
3026	ALL	653801.6	4187577	NonCancer	0.00E+00	6.12E-06	0.00E+00	4.06E-07	4.06E-07	4.06E-07	8.79E-05	0.00E+00	1.52E-05	0.00E+00	4.06E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
3027	ALL	653776.8	4187576	NonCancer	0.00E+00	5.86E-06	0.00E+00	3.89E-07	3.89E-07	3.89E-07	8.51E-05	0.00E+00	1.46E-05	0.00E+00	3.89E-07	2.24E-04	0.00E+00	0.00E+00	2.24E-04
3028	ALL	653752	4187576	NonCancer	0.00E+00	5.64E-06	0.00E+00	3.74E-07	3.74E-07	3.74E-07	8.22E-05	0.00E+00	1.40E-05	0.00E+00	3.74E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3029	ALL	653727.3	4187575	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	8.02E-05	0.00E+00	1.39E-05	0.00E+00	3.69E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
3030	ALL	653702.5	4187574	NonCancer	0.00E+00	5.62E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	7.93E-05	0.00E+00	1.40E-05	0.00E+00	3.73E-07	2.14E-04	0.00E+00	0.00E+00	2.14E-04
3031	ALL	653848.5	4187537	NonCancer	0.00E+00	5.39E-06	0.00E+00	3.57E-07	3.57E-07	3.57E-07	7.68E-05	0.00E+00	1.34E-05	0.00E+00	3.57E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
3032	ALL	653869.4	4187547	NonCancer	0.00E+00	5.69E-06	0.00E+00	3.77E-07	3.77E-07	3.77E-07	8.03E-05	0.00E+00	1.41E-05	0.00E+00	3.77E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3033	ALL	653890.2	4187556	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.34E-05	0.00E+00	1.49E-05	0.00E+00	3.97E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
3034	ALL	653911	4187566	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.57E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
3035	ALL	653931.8	4187576	NonCancer	0.00E+00	6.37E-06	0.00E+00	4.22E-07	4.22E-07	4.22E-07	8.72E-05	0.00E+00	1.58E-05	0.00E+00	4.22E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
3036	ALL	653952.7	4187585	NonCancer	0.00E+00	6.41E-06	0.00E+00	4.25E-07	4.25E-07	4.25E-07	8.81E-05	0.00E+00	1.59E-05	0.00E+00	4.25E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
3037	ALL	653973.5	4187595	NonCancer	0.00E+00	6.45E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	8.91E-05	0.00E+00	1.60E-05	0.00E+00	4.28E-07	2.44E-04	0.00E+00	0.00E+00	2.44E-04
3038	ALL	653994.3	4187604	NonCancer	0.00E+00	6.54E-06	0.00E+00	4.34E-07	4.34E-07	4.34E-07	9.04E-05	0.00E+00	1.63E-05	0.00E+00	4.34E-07	2.47E-04	0.00E+00	0.00E+00	2.47E-04
3039	ALL	654015.1	4187614	NonCancer	0.00E+00	6.70E-06	0.00E+00	4.44E-07	4.44E-07	4.44E-07	9.18E-05	0.00E+00	1.66E-05	0.00E+00	4.44E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
3040	ALL	654036	4187623	NonCancer	0.00E+00	6.84E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.29E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
3041	ALL	654056.8	4187633	NonCancer	0.00E+00	6.93E-06	0.00E+00	4.60E-07	4.60E-07	4.60E-07	9.34E-05	0.00E+00	1.72E-05	0.00E+00	4.60E-07	2.60E-04	0.00E+00	0.00E+00	2.60E-04
3042	ALL	654085.1	4187664	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.89E-07	4.89E-07	4.89E-07	9.85E-05	0.00E+00	1.83E-05	0.00E+00	4.89E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
3043	ALL	654092.6	4187686	NonCancer	0.00E+00	7.77E-06	0.00E+00	5.16E-07	5.16E-07	5.16E-07	1.04E-04	0.00E+00	1.93E-05	0.00E+00	5.16E-07	2.90E-04	0.00E+00	0.00E+00	2.90E-04
3044	ALL	654100.1	4187707	NonCancer	0.00E+00	8.14E-06	0.00E+00	5.40E-07	5.40E-07	5.40E-07	1.08E-04	0.00E+00	2.02E-05	0.00E+00	5.40E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
3045	ALL	654107.6	4187729	NonCancer	0.00E+00	8.44E-06	0.00E+00	5.60E-07	5.60E-07	5.60E-07	1.11E-04	0.00E+00	2.09E-05	0.00E+00	5.60E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
3046	ALL	654115.1	4187751	NonCancer	0.00E+00	8.65E-06	0.00E+00	5.74E-07	5.74E-07	5.74E-07	1.14E-04	0.00E+00	2.14E-05	0.00E+00	5.74E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
3047	ALL	654122.6	4187772	NonCancer	0.00E+00	8.76E-06	0.00E+00	5.81E-07	5.81E-07	5.81E-07	1.15E-04	0.00E+00	2.17E-05	0.00E+00	5.81E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
3048	ALL	654130	4187794	NonCancer	0.00E+00	8.78E-06	0.00E+00	5.82E-07	5.82E-07	5.82E-07	1.16E-04	0.00E+00	2.18E-05	0.00E+00	5.82E-07	3.27E-04	0.00E+00	0.00E+00	3.27E-04
3049	ALL	654137.5	4187816	NonCancer	0.00E+00	8.72E-06	0.00E+00	5.79E-07	5.79E-07	5.79E-07	1.16E-04	0.00E+00	2.16E-05	0.00E+00	5.79E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04

3050	ALL	654145	4187837	NonCancer	0.00E+00	8.61E-06	0.00E+00	5.71E-07	5.71E-07	5.71E-07	1.15E-04	0.00E+00	2.13E-05	0.00E+00	5.71E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
3051	ALL	654152.5	4187859	NonCancer	0.00E+00	8.46E-06	0.00E+00	5.62E-07	5.62E-07	5.62E-07	1.13E-04	0.00E+00	2.10E-05	0.00E+00	5.62E-07	3.17E-04	0.00E+00	0.00E+00	3.17E-04
3052	ALL	654160	4187881	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.11E-04	0.00E+00	2.05E-05	0.00E+00	5.49E-07	3.10E-04	0.00E+00	0.00E+00	3.10E-04
3053	ALL	653827.7	4187528	NonCancer	0.00E+00	5.09E-06	0.00E+00	3.38E-07	3.38E-07	3.38E-07	7.30E-05	0.00E+00	1.27E-05	0.00E+00	3.38E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
3054	ALL	653802.9	4187527	NonCancer	0.00E+00	4.92E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	7.12E-05	0.00E+00	1.22E-05	0.00E+00	3.26E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
3055	ALL	653778.2	4187526	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.91E-05	0.00E+00	1.18E-05	0.00E+00	3.13E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
3056	ALL	653753.4	4187526	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.70E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3057	ALL	653728.6	4187525	NonCancer	0.00E+00	4.51E-06	0.00E+00	2.99E-07	2.99E-07	2.99E-07	6.55E-05	0.00E+00	1.12E-05	0.00E+00	2.99E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3058	ALL	653703.8	4187524	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.49E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3059	ALL	653851.8	4187438	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.34E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
3060	ALL	653873.2	4187447	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	5.58E-05	0.00E+00	9.64E-06	0.00E+00	2.57E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
3061	ALL	653894.6	4187457	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.80E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
3062	ALL	653916.1	4187467	NonCancer	0.00E+00	4.24E-06	0.00E+00	2.81E-07	2.81E-07	2.81E-07	6.00E-05	0.00E+00	1.05E-05	0.00E+00	2.81E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
3063	ALL	653937.5	4187477	NonCancer	0.00E+00	4.40E-06	0.00E+00	2.92E-07	2.92E-07	2.92E-07	6.16E-05	0.00E+00	1.09E-05	0.00E+00	2.92E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
3064	ALL	653958.9	4187487	NonCancer	0.00E+00	4.52E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	6.28E-05	0.00E+00	1.12E-05	0.00E+00	3.00E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3065	ALL	653980.3	4187497	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.34E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3066	ALL	654001.7	4187506	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.38E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3067	ALL	654023.2	4187516	NonCancer	0.00E+00	4.58E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.43E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3068	ALL	654044.6	4187526	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.51E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3069	ALL	654066	4187536	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.60E-05	0.00E+00	1.17E-05	0.00E+00	3.13E-07	1.79E-04	0.00E+00	0.00E+00	1.79E-04
3070	ALL	654087.4	4187546	NonCancer	0.00E+00	4.82E-06	0.00E+00	3.20E-07	3.20E-07	3.20E-07	6.69E-05	0.00E+00	1.20E-05	0.00E+00	3.20E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
3071	ALL	654108.8	4187556	NonCancer	0.00E+00	4.90E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.75E-05	0.00E+00	1.22E-05	0.00E+00	3.25E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
3072	ALL	654130.3	4187565	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.28E-07	3.28E-07	3.28E-07	6.77E-05	0.00E+00	1.23E-05	0.00E+00	3.28E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
3073	ALL	654159.4	4187598	NonCancer	0.00E+00	5.19E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.08E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
3074	ALL	654167.1	4187620	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.39E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
3075	ALL	654174.8	4187642	NonCancer	0.00E+00	5.67E-06	0.00E+00	3.76E-07	3.76E-07	3.76E-07	7.68E-05	0.00E+00	1.41E-05	0.00E+00	3.76E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
3076	ALL	654182.5	4187664	NonCancer	0.00E+00	5.87E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	7.93E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
3077	ALL	654190.2	4187687	NonCancer	0.00E+00	6.04E-06	0.00E+00	4.01E-07	4.01E-07	4.01E-07	8.13E-05	0.00E+00	1.50E-05	0.00E+00	4.01E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
3078	ALL	654197.9	4187709	NonCancer	0.00E+00	6.15E-06	0.00E+00	4.08E-07	4.08E-07	4.08E-07	8.27E-05	0.00E+00	1.53E-05	0.00E+00	4.08E-07	2.30E-04	0.00E+00	0.00E+00	2.30E-04
3079	ALL	654205.6	4187731	NonCancer	0.00E+00	6.21E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	8.35E-05	0.00E+00	1.54E-05	0.00E+00	4.12E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
3080	ALL	654213.3	4187753	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.39E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
3081	ALL	654221	4187776	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	8.38E-05	0.00E+00	1.54E-05	0.00E+00	4.12E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
3082	ALL	654228.7	4187798	NonCancer	0.00E+00	6.14E-06	0.00E+00	4.08E-07	4.08E-07	4.08E-07	8.33E-05	0.00E+00	1.52E-05	0.00E+00	4.08E-07	2.31E-04	0.00E+00	0.00E+00	2.31E-04
3083	ALL	654236.4	4187820	NonCancer	0.00E+00	6.07E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	8.25E-05	0.00E+00	1.51E-05	0.00E+00	4.03E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
3084	ALL	654244.1	4187843	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.14E-05	0.00E+00	1.48E-05	0.00E+00	3.97E-07	2.25E-04	0.00E+00	0.00E+00	2.25E-04
3085	ALL	654251.8	4187865	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.00E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
3086	ALL	654259.5	4187887	NonCancer	0.00E+00	5.73E-06	0.00E+00	3.80E-07	3.80E-07	3.80E-07	7.82E-05	0.00E+00	1.42E-05	0.00E+00	3.80E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3087	ALL	653830.4	4187428	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	5.10E-05	0.00E+00	8.74E-06	0.00E+00	2.33E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3088	ALL	653805.6	4187427	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.98E-05	0.00E+00	8.47E-06	0.00E+00	2.26E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3089	ALL	653780.8	4187426	NonCancer	0.00E+00	3.28E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.85E-05	0.00E+00	8.18E-06	0.00E+00	2.18E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3090	ALL	653756	4187426	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.73E-05	0.00E+00	7.96E-06	0.00E+00	2.12E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3091	ALL	653731.3	4187425	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	4.65E-05	0.00E+00	7.87E-06	0.00E+00	2.10E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
3092	ALL	653706.5	4187424	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.61E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
3093	ALL	653854.9	4187338	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.95E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3094	ALL	653876.7	4187348	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.11E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
3095	ALL	653898.5	4187358	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.27E-05	0.00E+00	7.33E-06	0.00E+00	1.96E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
3096	ALL	653920.3	4187368	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.42E-05	0.00E+00	7.62E-06	0.00E+00	2.03E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
3097	ALL	653942.1	4187378	NonCancer	0.00E+00	3.18E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.56E-05	0.00E+00	7.91E-06	0.00E+00	2.11E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
3098	ALL	653964	4187388	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.67E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
3099	ALL	653985.8	4187398	NonCancer	0.00E+00	3.39E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.76E-05	0.00E+00	8.42E-06	0.00E+00	2.25E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04

3100	ALL	654007.6	4187408	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.82E-05	0.00E+00	8.56E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3101	ALL	654029.4	4187418	NonCancer	0.00E+00	3.46E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.85E-05	0.00E+00	8.59E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3102	ALL	654051.2	4187428	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.87E-05	0.00E+00	8.57E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3103	ALL	654073	4187438	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.89E-05	0.00E+00	8.57E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3104	ALL	654094.9	4187448	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.30E-07	2.30E-07	2.30E-07	4.94E-05	0.00E+00	8.63E-06	0.00E+00	2.30E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
3105	ALL	654116.7	4187458	NonCancer	0.00E+00	3.53E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	5.00E-05	0.00E+00	8.77E-06	0.00E+00	2.34E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
3106	ALL	654138.5	4187468	NonCancer	0.00E+00	3.60E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.06E-05	0.00E+00	8.95E-06	0.00E+00	2.39E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3107	ALL	654160.3	4187478	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.12E-05	0.00E+00	9.11E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
3108	ALL	654182.1	4187488	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.15E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
3109	ALL	654203.9	4187498	NonCancer	0.00E+00	3.73E-06	0.00E+00	2.47E-07	2.47E-07	2.47E-07	5.16E-05	0.00E+00	9.26E-06	0.00E+00	2.47E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
3110	ALL	654233.6	4187531	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.37E-05	0.00E+00	9.65E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
3111	ALL	654241.4	4187553	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.68E-07	2.68E-07	2.68E-07	5.58E-05	0.00E+00	1.00E-05	0.00E+00	2.68E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
3112	ALL	654249.3	4187576	NonCancer	0.00E+00	4.20E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.77E-05	0.00E+00	1.04E-05	0.00E+00	2.79E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
3113	ALL	654257.1	4187599	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.95E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
3114	ALL	654265	4187622	NonCancer	0.00E+00	4.46E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.10E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
3115	ALL	654272.8	4187644	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.22E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3116	ALL	654280.7	4187667	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.31E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3117	ALL	654288.5	4187690	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.37E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3118	ALL	654296.4	4187712	NonCancer	0.00E+00	4.68E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	6.39E-05	0.00E+00	1.16E-05	0.00E+00	3.11E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3119	ALL	654304.2	4187735	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.39E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3120	ALL	654312.1	4187758	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.37E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
3121	ALL	654319.9	4187780	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.33E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3122	ALL	654327.8	4187803	NonCancer	0.00E+00	4.54E-06	0.00E+00	3.01E-07	3.01E-07	3.01E-07	6.27E-05	0.00E+00	1.13E-05	0.00E+00	3.01E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3123	ALL	654335.6	4187826	NonCancer	0.00E+00	4.49E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.19E-05	0.00E+00	1.11E-05	0.00E+00	2.98E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
3124	ALL	654343.5	4187848	NonCancer	0.00E+00	4.42E-06	0.00E+00	2.93E-07	2.93E-07	2.93E-07	6.10E-05	0.00E+00	1.10E-05	0.00E+00	2.93E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
3125	ALL	654351.3	4187871	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.98E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
3126	ALL	654359.1	4187894	NonCancer	0.00E+00	4.22E-06	0.00E+00	2.80E-07	2.80E-07	2.80E-07	5.84E-05	0.00E+00	1.05E-05	0.00E+00	2.80E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
3127	ALL	653833.1	4187328	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.79E-05	0.00E+00	6.44E-06	0.00E+00	1.72E-07	9.94E-05	0.00E+00	0.00E+00	9.94E-05
3128	ALL	653808.3	4187327	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.71E-05	0.00E+00	6.25E-06	0.00E+00	1.67E-07	9.66E-05	0.00E+00	0.00E+00	9.66E-05
3129	ALL	653783.5	4187326	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.62E-05	0.00E+00	6.07E-06	0.00E+00	1.62E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
3130	ALL	653758.7	4187326	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.55E-05	0.00E+00	5.93E-06	0.00E+00	1.58E-07	9.19E-05	0.00E+00	0.00E+00	9.19E-05
3131	ALL	653733.9	4187325	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.49E-05	0.00E+00	5.87E-06	0.00E+00	1.56E-07	9.09E-05	0.00E+00	0.00E+00	9.09E-05
3132	ALL	653709.2	4187325	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.47E-05	0.00E+00	5.91E-06	0.00E+00	1.57E-07	9.11E-05	0.00E+00	0.00E+00	9.11E-05
3133	ALL	653857.8	4187238	NonCancer	0.00E+00	2.09E-06	0.00E+00	1.39E-07	1.39E-07	1.39E-07	3.06E-05	0.00E+00	5.20E-06	0.00E+00	1.39E-07	8.02E-05	0.00E+00	0.00E+00	8.02E-05
3134	ALL	653879.9	4187248	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.17E-05	0.00E+00	5.42E-06	0.00E+00	1.44E-07	8.35E-05	0.00E+00	0.00E+00	8.35E-05
3135	ALL	653902	4187258	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.28E-05	0.00E+00	5.61E-06	0.00E+00	1.50E-07	8.64E-05	0.00E+00	0.00E+00	8.64E-05
3136	ALL	653924.1	4187268	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.39E-05	0.00E+00	5.80E-06	0.00E+00	1.55E-07	8.93E-05	0.00E+00	0.00E+00	8.93E-05
3137	ALL	653946.2	4187279	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.49E-05	0.00E+00	5.99E-06	0.00E+00	1.60E-07	9.22E-05	0.00E+00	0.00E+00	9.22E-05
3138	ALL	653968.3	4187289	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.59E-05	0.00E+00	6.20E-06	0.00E+00	1.65E-07	9.52E-05	0.00E+00	0.00E+00	9.52E-05
3139	ALL	653990.4	4187299	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.68E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.81E-05	0.00E+00	0.00E+00	9.81E-05
3140	ALL	654012.5	4187309	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.76E-05	0.00E+00	6.58E-06	0.00E+00	1.76E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3141	ALL	654034.6	4187319	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.81E-05	0.00E+00	6.71E-06	0.00E+00	1.79E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
3142	ALL	654056.7	4187329	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.83E-05	0.00E+00	6.76E-06	0.00E+00	1.81E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3143	ALL	654078.8	4187339	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.84E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3144	ALL	654100.9	4187350	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.85E-05	0.00E+00	6.72E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3145	ALL	654123	4187360	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.87E-05	0.00E+00	6.71E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3146	ALL	654145.1	4187370	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.89E-05	0.00E+00	6.75E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3147	ALL	654167.2	4187380	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.94E-05	0.00E+00	6.84E-06	0.00E+00	1.83E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
3148	ALL	654189.3	4187390	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.98E-05	0.00E+00	6.96E-06	0.00E+00	1.86E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
3149	ALL	654211.4	4187400	NonCancer	0.00E+00	2.85E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.03E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04

3150	ALL	654233.5	4187410	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.06E-05	0.00E+00	7.19E-06	0.00E+00	1.92E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3151	ALL	654255.6	4187421	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.08E-05	0.00E+00	7.25E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3152	ALL	654277.7	4187431	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.09E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3153	ALL	654307.8	4187464	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.23E-05	0.00E+00	7.53E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
3154	ALL	654315.7	4187487	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.37E-05	0.00E+00	7.80E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
3155	ALL	654323.7	4187510	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.51E-05	0.00E+00	8.06E-06	0.00E+00	2.15E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3156	ALL	654331.6	4187533	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.64E-05	0.00E+00	8.31E-06	0.00E+00	2.22E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3157	ALL	654339.6	4187556	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.76E-05	0.00E+00	8.53E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
3158	ALL	654347.5	4187579	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.86E-05	0.00E+00	8.73E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
3159	ALL	654355.5	4187602	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.94E-05	0.00E+00	8.89E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3160	ALL	654363.4	4187625	NonCancer	0.00E+00	3.62E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.00E-05	0.00E+00	9.00E-06	0.00E+00	2.41E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3161	ALL	654371.4	4187648	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.04E-05	0.00E+00	9.07E-06	0.00E+00	2.42E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3162	ALL	654379.3	4187671	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.06E-05	0.00E+00	9.10E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3163	ALL	654387.3	4187694	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.06E-05	0.00E+00	9.09E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3164	ALL	654395.2	4187717	NonCancer	0.00E+00	3.64E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.05E-05	0.00E+00	9.04E-06	0.00E+00	2.41E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3165	ALL	654403.2	4187740	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.02E-05	0.00E+00	8.97E-06	0.00E+00	2.39E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3166	ALL	654411.1	4187763	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.99E-05	0.00E+00	8.89E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3167	ALL	654419	4187786	NonCancer	0.00E+00	3.54E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.95E-05	0.00E+00	8.80E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
3168	ALL	654427	4187809	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.89E-05	0.00E+00	8.72E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
3169	ALL	654434.9	4187832	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.30E-07	2.30E-07	2.30E-07	4.83E-05	0.00E+00	8.61E-06	0.00E+00	2.30E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3170	ALL	654442.9	4187855	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.75E-05	0.00E+00	8.47E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
3171	ALL	654450.8	4187878	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.65E-05	0.00E+00	8.28E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3172	ALL	654458.8	4187901	NonCancer	0.00E+00	3.24E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.54E-05	0.00E+00	8.06E-06	0.00E+00	2.15E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3173	ALL	653835.7	4187228	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	2.94E-05	0.00E+00	4.97E-06	0.00E+00	1.32E-07	7.68E-05	0.00E+00	0.00E+00	7.68E-05
3174	ALL	653810.9	4187227	NonCancer	0.00E+00	1.94E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.88E-05	0.00E+00	4.83E-06	0.00E+00	1.29E-07	7.48E-05	0.00E+00	0.00E+00	7.48E-05
3175	ALL	653786.2	4187227	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.82E-05	0.00E+00	4.71E-06	0.00E+00	1.25E-07	7.31E-05	0.00E+00	0.00E+00	7.31E-05
3176	ALL	653761.4	4187226	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.77E-05	0.00E+00	4.62E-06	0.00E+00	1.23E-07	7.17E-05	0.00E+00	0.00E+00	7.17E-05
3177	ALL	653736.6	4187225	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.74E-05	0.00E+00	4.58E-06	0.00E+00	1.22E-07	7.09E-05	0.00E+00	0.00E+00	7.09E-05
3178	ALL	653711.8	4187225	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.72E-05	0.00E+00	4.59E-06	0.00E+00	1.22E-07	7.10E-05	0.00E+00	0.00E+00	7.10E-05
3179	ALL	653860.7	4187138	NonCancer	0.00E+00	1.66E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.45E-05	0.00E+00	4.14E-06	0.00E+00	1.10E-07	6.39E-05	0.00E+00	0.00E+00	6.39E-05
3180	ALL	653883	4187148	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.15E-07	1.15E-07	1.15E-07	2.53E-05	0.00E+00	4.31E-06	0.00E+00	1.15E-07	6.64E-05	0.00E+00	0.00E+00	6.64E-05
3181	ALL	653905.3	4187159	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.61E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.86E-05	0.00E+00	0.00E+00	6.86E-05
3182	ALL	653927.6	4187169	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.69E-05	0.00E+00	4.59E-06	0.00E+00	1.22E-07	7.07E-05	0.00E+00	0.00E+00	7.07E-05
3183	ALL	653950	4187179	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.77E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
3184	ALL	653972.3	4187189	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.85E-05	0.00E+00	4.86E-06	0.00E+00	1.30E-07	7.49E-05	0.00E+00	0.00E+00	7.49E-05
3185	ALL	653994.6	4187200	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	2.92E-05	0.00E+00	5.01E-06	0.00E+00	1.33E-07	7.71E-05	0.00E+00	0.00E+00	7.71E-05
3186	ALL	654016.9	4187210	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	2.99E-05	0.00E+00	5.16E-06	0.00E+00	1.38E-07	7.92E-05	0.00E+00	0.00E+00	7.92E-05
3187	ALL	654039.2	4187220	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.05E-05	0.00E+00	5.30E-06	0.00E+00	1.41E-07	8.12E-05	0.00E+00	0.00E+00	8.12E-05
3188	ALL	654061.5	4187230	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.09E-05	0.00E+00	5.41E-06	0.00E+00	1.44E-07	8.28E-05	0.00E+00	0.00E+00	8.28E-05
3189	ALL	654083.8	4187241	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.12E-05	0.00E+00	5.47E-06	0.00E+00	1.46E-07	8.37E-05	0.00E+00	0.00E+00	8.37E-05
3190	ALL	654106.1	4187251	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.13E-05	0.00E+00	5.49E-06	0.00E+00	1.47E-07	8.40E-05	0.00E+00	0.00E+00	8.40E-05
3191	ALL	654128.5	4187261	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.13E-05	0.00E+00	5.47E-06	0.00E+00	1.46E-07	8.38E-05	0.00E+00	0.00E+00	8.38E-05
3192	ALL	654150.8	4187271	NonCancer	0.00E+00	2.19E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.13E-05	0.00E+00	5.44E-06	0.00E+00	1.45E-07	8.34E-05	0.00E+00	0.00E+00	8.34E-05
3193	ALL	654173.1	4187282	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.14E-05	0.00E+00	5.42E-06	0.00E+00	1.45E-07	8.33E-05	0.00E+00	0.00E+00	8.33E-05
3194	ALL	654195.4	4187292	NonCancer	0.00E+00	2.19E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.16E-05	0.00E+00	5.44E-06	0.00E+00	1.45E-07	8.37E-05	0.00E+00	0.00E+00	8.37E-05
3195	ALL	654217.7	4187302	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.19E-05	0.00E+00	5.51E-06	0.00E+00	1.47E-07	8.46E-05	0.00E+00	0.00E+00	8.46E-05
3196	ALL	654240	4187312	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.23E-05	0.00E+00	5.59E-06	0.00E+00	1.49E-07	8.58E-05	0.00E+00	0.00E+00	8.58E-05
3197	ALL	654262.3	4187323	NonCancer	0.00E+00	2.29E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.26E-05	0.00E+00	5.69E-06	0.00E+00	1.52E-07	8.71E-05	0.00E+00	0.00E+00	8.71E-05
3198	ALL	654284.6	4187333	NonCancer	0.00E+00	2.32E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.29E-05	0.00E+00	5.77E-06	0.00E+00	1.54E-07	8.83E-05	0.00E+00	0.00E+00	8.83E-05
3199	ALL	654307	4187343	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.32E-05	0.00E+00	5.84E-06	0.00E+00	1.56E-07	8.92E-05	0.00E+00	0.00E+00	8.92E-05

3200	ALL	654329.3	4187353	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.87E-06	0.00E+00	1.57E-07	8.96E-05	0.00E+00	0.00E+00	8.96E-05
3201	ALL	654351.6	4187364	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	8.97E-05	0.00E+00	0.00E+00	8.97E-05
3202	ALL	654381.9	4187397	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.25E-05	0.00E+00	0.00E+00	9.25E-05
3203	ALL	654389.9	4187420	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.54E-05	0.00E+00	6.26E-06	0.00E+00	1.67E-07	9.55E-05	0.00E+00	0.00E+00	9.55E-05
3204	ALL	654398	4187443	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.64E-05	0.00E+00	6.45E-06	0.00E+00	1.72E-07	9.84E-05	0.00E+00	0.00E+00	9.84E-05
3205	ALL	654406	4187467	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.74E-05	0.00E+00	6.63E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3206	ALL	654414	4187490	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.83E-05	0.00E+00	6.80E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3207	ALL	654422	4187513	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.91E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
3208	ALL	654430.1	4187536	NonCancer	0.00E+00	2.85E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	3.98E-05	0.00E+00	7.08E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
3209	ALL	654438.1	4187559	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.03E-05	0.00E+00	7.19E-06	0.00E+00	1.92E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3210	ALL	654446.1	4187583	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.07E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3211	ALL	654454.1	4187606	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.10E-05	0.00E+00	7.33E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3212	ALL	654462.2	4187629	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.12E-05	0.00E+00	7.35E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3213	ALL	654470.2	4187652	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.12E-05	0.00E+00	7.35E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3214	ALL	654478.2	4187675	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.11E-05	0.00E+00	7.32E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3215	ALL	654486.2	4187699	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.10E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3216	ALL	654494.3	4187722	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.08E-05	0.00E+00	7.21E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3217	ALL	654502.3	4187745	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.05E-05	0.00E+00	7.15E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
3218	ALL	654510.3	4187768	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.02E-05	0.00E+00	7.10E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
3219	ALL	654518.3	4187791	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.98E-05	0.00E+00	7.04E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
3220	ALL	654526.4	4187815	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.94E-05	0.00E+00	6.97E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
3221	ALL	654534.4	4187838	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	3.88E-05	0.00E+00	6.87E-06	0.00E+00	1.84E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
3222	ALL	654542.4	4187861	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.81E-05	0.00E+00	6.75E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3223	ALL	654550.4	4187884	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.73E-05	0.00E+00	6.59E-06	0.00E+00	1.76E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3224	ALL	654558.5	4187907	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.65E-05	0.00E+00	6.41E-06	0.00E+00	1.71E-07	9.81E-05	0.00E+00	0.00E+00	9.81E-05
3225	ALL	653838.4	4187128	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.36E-05	0.00E+00	3.97E-06	0.00E+00	1.06E-07	6.14E-05	0.00E+00	0.00E+00	6.14E-05
3226	ALL	653813.6	4187127	NonCancer	0.00E+00	1.55E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.32E-05	0.00E+00	3.87E-06	0.00E+00	1.03E-07	6.00E-05	0.00E+00	0.00E+00	6.00E-05
3227	ALL	653788.8	4187127	NonCancer	0.00E+00	1.52E-06	0.00E+00	1.01E-07	1.01E-07	1.01E-07	2.27E-05	0.00E+00	3.78E-06	0.00E+00	1.01E-07	5.87E-05	0.00E+00	0.00E+00	5.87E-05
3228	ALL	653764.1	4187126	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.89E-08	9.89E-08	9.89E-08	2.24E-05	0.00E+00	3.72E-06	0.00E+00	9.89E-08	5.77E-05	0.00E+00	0.00E+00	5.77E-05
3229	ALL	653739.3	4187125	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.80E-08	9.80E-08	9.80E-08	2.21E-05	0.00E+00	3.68E-06	0.00E+00	9.80E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3230	ALL	653714.5	4187125	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.82E-08	9.82E-08	9.82E-08	2.20E-05	0.00E+00	3.69E-06	0.00E+00	9.82E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3231	ALL	653863.5	4187038	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.01E-08	9.01E-08	9.01E-08	2.01E-05	0.00E+00	3.38E-06	0.00E+00	9.01E-08	5.23E-05	0.00E+00	0.00E+00	5.23E-05
3232	ALL	653886	4187049	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.36E-08	9.36E-08	9.36E-08	2.07E-05	0.00E+00	3.51E-06	0.00E+00	9.36E-08	5.42E-05	0.00E+00	0.00E+00	5.42E-05
3233	ALL	653908.5	4187059	NonCancer	0.00E+00	1.46E-06	0.00E+00	9.68E-08	9.68E-08	9.68E-08	2.14E-05	0.00E+00	3.63E-06	0.00E+00	9.68E-08	5.60E-05	0.00E+00	0.00E+00	5.60E-05
3234	ALL	653931	4187069	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.96E-08	9.96E-08	9.96E-08	2.20E-05	0.00E+00	3.74E-06	0.00E+00	9.96E-08	5.76E-05	0.00E+00	0.00E+00	5.76E-05
3235	ALL	653953.5	4187080	NonCancer	0.00E+00	1.54E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.26E-05	0.00E+00	3.84E-06	0.00E+00	1.02E-07	5.92E-05	0.00E+00	0.00E+00	5.92E-05
3236	ALL	653975.9	4187090	NonCancer	0.00E+00	1.58E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.31E-05	0.00E+00	3.93E-06	0.00E+00	1.05E-07	6.07E-05	0.00E+00	0.00E+00	6.07E-05
3237	ALL	653998.4	4187100	NonCancer	0.00E+00	1.62E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.37E-05	0.00E+00	4.04E-06	0.00E+00	1.08E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
3238	ALL	654020.9	4187110	NonCancer	0.00E+00	1.67E-06	0.00E+00	1.11E-07	1.11E-07	1.11E-07	2.43E-05	0.00E+00	4.15E-06	0.00E+00	1.11E-07	6.39E-05	0.00E+00	0.00E+00	6.39E-05
3239	ALL	654043.4	4187121	NonCancer	0.00E+00	1.71E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.48E-05	0.00E+00	4.26E-06	0.00E+00	1.14E-07	6.55E-05	0.00E+00	0.00E+00	6.55E-05
3240	ALL	654065.8	4187131	NonCancer	0.00E+00	1.76E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.53E-05	0.00E+00	4.37E-06	0.00E+00	1.16E-07	6.71E-05	0.00E+00	0.00E+00	6.71E-05
3241	ALL	654088.3	4187141	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.57E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.84E-05	0.00E+00	0.00E+00	6.84E-05
3242	ALL	654110.8	4187152	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.59E-05	0.00E+00	4.53E-06	0.00E+00	1.21E-07	6.93E-05	0.00E+00	0.00E+00	6.93E-05
3243	ALL	654133.3	4187162	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.61E-05	0.00E+00	4.56E-06	0.00E+00	1.22E-07	6.98E-05	0.00E+00	0.00E+00	6.98E-05
3244	ALL	654155.8	4187172	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.61E-05	0.00E+00	4.56E-06	0.00E+00	1.22E-07	6.98E-05	0.00E+00	0.00E+00	6.98E-05
3245	ALL	654178.2	4187183	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.61E-05	0.00E+00	4.53E-06	0.00E+00	1.21E-07	6.95E-05	0.00E+00	0.00E+00	6.95E-05
3246	ALL	654200.7	4187193	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.61E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	6.92E-05	0.00E+00	0.00E+00	6.92E-05
3247	ALL	654223.2	4187203	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.61E-05	0.00E+00	4.49E-06	0.00E+00	1.20E-07	6.90E-05	0.00E+00	0.00E+00	6.90E-05
3248	ALL	654245.7	4187214	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.63E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	6.93E-05	0.00E+00	0.00E+00	6.93E-05
3249	ALL	654268.1	4187224	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.65E-05	0.00E+00	4.54E-06	0.00E+00	1.21E-07	6.99E-05	0.00E+00	0.00E+00	6.99E-05

3250	ALL	654290.6	4187234	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.67E-05	0.00E+00	4.61E-06	0.00E+00	1.23E-07	7.08E-05	0.00E+00	0.00E+00	7.08E-05
3251	ALL	654313.1	4187245	NonCancer	0.00E+00	1.88E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.70E-05	0.00E+00	4.68E-06	0.00E+00	1.25E-07	7.18E-05	0.00E+00	0.00E+00	7.18E-05
3252	ALL	654335.6	4187255	NonCancer	0.00E+00	1.91E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	2.73E-05	0.00E+00	4.75E-06	0.00E+00	1.27E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
3253	ALL	654358.1	4187265	NonCancer	0.00E+00	1.93E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.75E-05	0.00E+00	4.81E-06	0.00E+00	1.28E-07	7.36E-05	0.00E+00	0.00E+00	7.36E-05
3254	ALL	654380.5	4187276	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.76E-05	0.00E+00	4.85E-06	0.00E+00	1.29E-07	7.41E-05	0.00E+00	0.00E+00	7.41E-05
3255	ALL	654403	4187286	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.77E-05	0.00E+00	4.87E-06	0.00E+00	1.30E-07	7.44E-05	0.00E+00	0.00E+00	7.44E-05
3256	ALL	654425.5	4187296	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.77E-05	0.00E+00	4.87E-06	0.00E+00	1.30E-07	7.44E-05	0.00E+00	0.00E+00	7.44E-05
3257	ALL	654456.1	4187330	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	2.85E-05	0.00E+00	5.00E-06	0.00E+00	1.33E-07	7.64E-05	0.00E+00	0.00E+00	7.64E-05
3258	ALL	654464.1	4187353	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	2.93E-05	0.00E+00	5.15E-06	0.00E+00	1.37E-07	7.87E-05	0.00E+00	0.00E+00	7.87E-05
3259	ALL	654472.2	4187377	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.00E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.09E-05	0.00E+00	0.00E+00	8.09E-05
3260	ALL	654480.3	4187400	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.08E-05	0.00E+00	5.43E-06	0.00E+00	1.45E-07	8.29E-05	0.00E+00	0.00E+00	8.29E-05
3261	ALL	654488.4	4187423	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.15E-05	0.00E+00	5.56E-06	0.00E+00	1.48E-07	8.49E-05	0.00E+00	0.00E+00	8.49E-05
3262	ALL	654496.5	4187447	NonCancer	0.00E+00	2.28E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.22E-05	0.00E+00	5.68E-06	0.00E+00	1.52E-07	8.67E-05	0.00E+00	0.00E+00	8.67E-05
3263	ALL	654504.6	4187470	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.27E-05	0.00E+00	5.79E-06	0.00E+00	1.54E-07	8.83E-05	0.00E+00	0.00E+00	8.83E-05
3264	ALL	654512.6	4187494	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.32E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	8.98E-05	0.00E+00	0.00E+00	8.98E-05
3265	ALL	654520.7	4187517	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.36E-05	0.00E+00	5.96E-06	0.00E+00	1.59E-07	9.09E-05	0.00E+00	0.00E+00	9.09E-05
3266	ALL	654528.8	4187540	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.39E-05	0.00E+00	6.02E-06	0.00E+00	1.61E-07	9.18E-05	0.00E+00	0.00E+00	9.18E-05
3267	ALL	654536.9	4187564	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.41E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.24E-05	0.00E+00	0.00E+00	9.24E-05
3268	ALL	654545	4187587	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.08E-06	0.00E+00	1.62E-07	9.27E-05	0.00E+00	0.00E+00	9.27E-05
3269	ALL	654553.1	4187610	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.08E-06	0.00E+00	1.62E-07	9.28E-05	0.00E+00	0.00E+00	9.28E-05
3270	ALL	654561.1	4187634	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.26E-05	0.00E+00	0.00E+00	9.26E-05
3271	ALL	654569.2	4187657	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.42E-05	0.00E+00	6.03E-06	0.00E+00	1.61E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
3272	ALL	654577.3	4187681	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.41E-05	0.00E+00	5.99E-06	0.00E+00	1.60E-07	9.16E-05	0.00E+00	0.00E+00	9.16E-05
3273	ALL	654585.4	4187704	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.39E-05	0.00E+00	5.95E-06	0.00E+00	1.59E-07	9.10E-05	0.00E+00	0.00E+00	9.10E-05
3274	ALL	654593.5	4187727	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.37E-05	0.00E+00	5.90E-06	0.00E+00	1.58E-07	9.03E-05	0.00E+00	0.00E+00	9.03E-05
3275	ALL	654601.6	4187751	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.34E-05	0.00E+00	5.87E-06	0.00E+00	1.57E-07	8.97E-05	0.00E+00	0.00E+00	8.97E-05
3276	ALL	654609.7	4187774	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.31E-05	0.00E+00	5.83E-06	0.00E+00	1.55E-07	8.91E-05	0.00E+00	0.00E+00	8.91E-05
3277	ALL	654617.7	4187797	NonCancer	0.00E+00	2.32E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.28E-05	0.00E+00	5.77E-06	0.00E+00	1.54E-07	8.82E-05	0.00E+00	0.00E+00	8.82E-05
3278	ALL	654625.8	4187821	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.24E-05	0.00E+00	5.71E-06	0.00E+00	1.52E-07	8.72E-05	0.00E+00	0.00E+00	8.72E-05
3279	ALL	654633.9	4187844	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.19E-05	0.00E+00	5.62E-06	0.00E+00	1.50E-07	8.58E-05	0.00E+00	0.00E+00	8.58E-05
3280	ALL	654642	4187868	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.13E-05	0.00E+00	5.51E-06	0.00E+00	1.47E-07	8.42E-05	0.00E+00	0.00E+00	8.42E-05
3281	ALL	654650.1	4187891	NonCancer	0.00E+00	2.16E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.07E-05	0.00E+00	5.38E-06	0.00E+00	1.44E-07	8.23E-05	0.00E+00	0.00E+00	8.23E-05
3282	ALL	654658.2	4187914	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.00E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.03E-05	0.00E+00	0.00E+00	8.03E-05
3283	ALL	653841.1	4187028	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.66E-08	8.66E-08	8.66E-08	1.94E-05	0.00E+00	3.25E-06	0.00E+00	8.66E-08	5.03E-05	0.00E+00	0.00E+00	5.03E-05
3284	ALL	653816.3	4187027	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.46E-08	8.46E-08	8.46E-08	1.91E-05	0.00E+00	3.18E-06	0.00E+00	8.46E-08	4.93E-05	0.00E+00	0.00E+00	4.93E-05
3285	ALL	653791.5	4187027	NonCancer	0.00E+00	1.25E-06	0.00E+00	8.30E-08	8.30E-08	8.30E-08	1.88E-05	0.00E+00	3.12E-06	0.00E+00	8.30E-08	4.84E-05	0.00E+00	0.00E+00	4.84E-05
3286	ALL	653766.7	4187026	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.17E-08	8.17E-08	8.17E-08	1.85E-05	0.00E+00	3.07E-06	0.00E+00	8.17E-08	4.77E-05	0.00E+00	0.00E+00	4.77E-05
3287	ALL	653742	4187025	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.09E-08	8.09E-08	8.09E-08	1.83E-05	0.00E+00	3.04E-06	0.00E+00	8.09E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3288	ALL	653717.2	4187025	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.09E-08	8.09E-08	8.09E-08	1.82E-05	0.00E+00	3.04E-06	0.00E+00	8.09E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3289	ALL	653870.2	4186788	NonCancer	0.00E+00	8.91E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.33E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3290	ALL	653892.6	4186799	NonCancer	0.00E+00	9.20E-07	0.00E+00	6.10E-08	6.10E-08	6.10E-08	1.37E-05	0.00E+00	2.29E-06	0.00E+00	6.10E-08	3.55E-05	0.00E+00	0.00E+00	3.55E-05
3291	ALL	653915.1	4186809	NonCancer	0.00E+00	9.50E-07	0.00E+00	6.30E-08	6.30E-08	6.30E-08	1.40E-05	0.00E+00	2.37E-06	0.00E+00	6.30E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3292	ALL	653937.5	4186819	NonCancer	0.00E+00	9.78E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.44E-05	0.00E+00	2.43E-06	0.00E+00	6.49E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
3293	ALL	653959.9	4186830	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.65E-08	6.65E-08	6.65E-08	1.47E-05	0.00E+00	2.50E-06	0.00E+00	6.65E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
3294	ALL	653982.4	4186840	NonCancer	0.00E+00	1.02E-06	0.00E+00	6.79E-08	6.79E-08	6.79E-08	1.50E-05	0.00E+00	2.55E-06	0.00E+00	6.79E-08	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3295	ALL	654004.8	4186850	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.92E-08	6.92E-08	6.92E-08	1.53E-05	0.00E+00	2.60E-06	0.00E+00	6.92E-08	4.01E-05	0.00E+00	0.00E+00	4.01E-05
3296	ALL	654027.3	4186860	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.05E-08	7.05E-08	7.05E-08	1.57E-05	0.00E+00	2.65E-06	0.00E+00	7.05E-08	4.09E-05	0.00E+00	0.00E+00	4.09E-05
3297	ALL	654049.7	4186871	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.19E-08	7.19E-08	7.19E-08	1.60E-05	0.00E+00	2.70E-06	0.00E+00	7.19E-08	4.17E-05	0.00E+00	0.00E+00	4.17E-05
3298	ALL	654072.1	4186881	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.34E-08	7.34E-08	7.34E-08	1.63E-05	0.00E+00	2.76E-06	0.00E+00	7.34E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
3299	ALL	654094.6	4186891	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.50E-08	7.50E-08	7.50E-08	1.66E-05	0.00E+00	2.81E-06	0.00E+00	7.50E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05

3300	ALL	654117	4186902	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.66E-08	7.66E-08	7.66E-08	1.69E-05	0.00E+00	2.88E-06	0.00E+00	7.66E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
3301	ALL	654139.5	4186912	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.72E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.52E-05	0.00E+00	0.00E+00	4.52E-05
3302	ALL	654161.9	4186922	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.98E-08	7.98E-08	7.98E-08	1.74E-05	0.00E+00	2.99E-06	0.00E+00	7.98E-08	4.60E-05	0.00E+00	0.00E+00	4.60E-05
3303	ALL	654184.3	4186933	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.12E-08	8.12E-08	8.12E-08	1.76E-05	0.00E+00	3.04E-06	0.00E+00	8.12E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3304	ALL	654206.8	4186943	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.21E-08	8.21E-08	8.21E-08	1.78E-05	0.00E+00	3.08E-06	0.00E+00	8.21E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3305	ALL	654229.2	4186953	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.25E-08	8.25E-08	8.25E-08	1.78E-05	0.00E+00	3.09E-06	0.00E+00	8.25E-08	4.74E-05	0.00E+00	0.00E+00	4.74E-05
3306	ALL	654251.7	4186963	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.25E-08	8.25E-08	8.25E-08	1.78E-05	0.00E+00	3.09E-06	0.00E+00	8.25E-08	4.74E-05	0.00E+00	0.00E+00	4.74E-05
3307	ALL	654274.1	4186974	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.21E-08	8.21E-08	8.21E-08	1.78E-05	0.00E+00	3.08E-06	0.00E+00	8.21E-08	4.73E-05	0.00E+00	0.00E+00	4.73E-05
3308	ALL	654296.5	4186984	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.15E-08	8.15E-08	8.15E-08	1.78E-05	0.00E+00	3.06E-06	0.00E+00	8.15E-08	4.70E-05	0.00E+00	0.00E+00	4.70E-05
3309	ALL	654319	4186994	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.09E-08	8.09E-08	8.09E-08	1.77E-05	0.00E+00	3.03E-06	0.00E+00	8.09E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3310	ALL	654341.4	4187005	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.04E-08	8.04E-08	8.04E-08	1.77E-05	0.00E+00	3.02E-06	0.00E+00	8.04E-08	4.66E-05	0.00E+00	0.00E+00	4.66E-05
3311	ALL	654363.9	4187015	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.03E-08	8.03E-08	8.03E-08	1.78E-05	0.00E+00	3.02E-06	0.00E+00	8.03E-08	4.65E-05	0.00E+00	0.00E+00	4.65E-05
3312	ALL	654386.3	4187025	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.07E-08	8.07E-08	8.07E-08	1.78E-05	0.00E+00	3.03E-06	0.00E+00	8.07E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3313	ALL	654408.7	4187036	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.14E-08	8.14E-08	8.14E-08	1.80E-05	0.00E+00	3.06E-06	0.00E+00	8.14E-08	4.71E-05	0.00E+00	0.00E+00	4.71E-05
3314	ALL	654431.2	4187046	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.24E-08	8.24E-08	8.24E-08	1.81E-05	0.00E+00	3.09E-06	0.00E+00	8.24E-08	4.77E-05	0.00E+00	0.00E+00	4.77E-05
3315	ALL	654453.6	4187056	NonCancer	0.00E+00	1.26E-06	0.00E+00	8.35E-08	8.35E-08	8.35E-08	1.83E-05	0.00E+00	3.13E-06	0.00E+00	8.35E-08	4.82E-05	0.00E+00	0.00E+00	4.82E-05
3316	ALL	654476.1	4187066	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.46E-08	8.46E-08	8.46E-08	1.84E-05	0.00E+00	3.17E-06	0.00E+00	8.46E-08	4.88E-05	0.00E+00	0.00E+00	4.88E-05
3317	ALL	654498.5	4187077	NonCancer	0.00E+00	1.29E-06	0.00E+00	8.57E-08	8.57E-08	8.57E-08	1.86E-05	0.00E+00	3.21E-06	0.00E+00	8.57E-08	4.93E-05	0.00E+00	0.00E+00	4.93E-05
3318	ALL	654520.9	4187087	NonCancer	0.00E+00	1.30E-06	0.00E+00	8.65E-08	8.65E-08	8.65E-08	1.87E-05	0.00E+00	3.24E-06	0.00E+00	8.65E-08	4.97E-05	0.00E+00	0.00E+00	4.97E-05
3319	ALL	654543.4	4187097	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.71E-08	8.71E-08	8.71E-08	1.88E-05	0.00E+00	3.27E-06	0.00E+00	8.71E-08	5.01E-05	0.00E+00	0.00E+00	5.01E-05
3320	ALL	654565.8	4187108	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.75E-08	8.75E-08	8.75E-08	1.88E-05	0.00E+00	3.28E-06	0.00E+00	8.75E-08	5.02E-05	0.00E+00	0.00E+00	5.02E-05
3321	ALL	654588.3	4187118	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.76E-08	8.76E-08	8.76E-08	1.89E-05	0.00E+00	3.28E-06	0.00E+00	8.76E-08	5.03E-05	0.00E+00	0.00E+00	5.03E-05
3322	ALL	654610.7	4187128	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.74E-08	8.74E-08	8.74E-08	1.88E-05	0.00E+00	3.28E-06	0.00E+00	8.74E-08	5.02E-05	0.00E+00	0.00E+00	5.02E-05
3323	ALL	654641.2	4187162	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.92E-08	8.92E-08	8.92E-08	1.92E-05	0.00E+00	3.34E-06	0.00E+00	8.92E-08	5.13E-05	0.00E+00	0.00E+00	5.13E-05
3324	ALL	654649.3	4187185	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.13E-08	9.13E-08	9.13E-08	1.97E-05	0.00E+00	3.42E-06	0.00E+00	9.13E-08	5.25E-05	0.00E+00	0.00E+00	5.25E-05
3325	ALL	654657.4	4187209	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.34E-08	9.34E-08	9.34E-08	2.01E-05	0.00E+00	3.50E-06	0.00E+00	9.34E-08	5.36E-05	0.00E+00	0.00E+00	5.36E-05
3326	ALL	654665.4	4187232	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.54E-08	9.54E-08	9.54E-08	2.05E-05	0.00E+00	3.58E-06	0.00E+00	9.54E-08	5.48E-05	0.00E+00	0.00E+00	5.48E-05
3327	ALL	654673.5	4187255	NonCancer	0.00E+00	1.47E-06	0.00E+00	9.73E-08	9.73E-08	9.73E-08	2.09E-05	0.00E+00	3.65E-06	0.00E+00	9.73E-08	5.59E-05	0.00E+00	0.00E+00	5.59E-05
3328	ALL	654681.6	4187279	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.91E-08	9.91E-08	9.91E-08	2.13E-05	0.00E+00	3.71E-06	0.00E+00	9.91E-08	5.69E-05	0.00E+00	0.00E+00	5.69E-05
3329	ALL	654689.6	4187302	NonCancer	0.00E+00	1.52E-06	0.00E+00	1.01E-07	1.01E-07	1.01E-07	2.17E-05	0.00E+00	3.78E-06	0.00E+00	1.01E-07	5.79E-05	0.00E+00	0.00E+00	5.79E-05
3330	ALL	654697.7	4187325	NonCancer	0.00E+00	1.54E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.20E-05	0.00E+00	3.84E-06	0.00E+00	1.02E-07	5.88E-05	0.00E+00	0.00E+00	5.88E-05
3331	ALL	654705.8	4187349	NonCancer	0.00E+00	1.57E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.23E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	5.97E-05	0.00E+00	0.00E+00	5.97E-05
3332	ALL	654713.9	4187372	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.26E-05	0.00E+00	3.95E-06	0.00E+00	1.05E-07	6.05E-05	0.00E+00	0.00E+00	6.05E-05
3333	ALL	654721.9	4187395	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.28E-05	0.00E+00	3.99E-06	0.00E+00	1.07E-07	6.11E-05	0.00E+00	0.00E+00	6.11E-05
3334	ALL	654730	4187419	NonCancer	0.00E+00	1.62E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.30E-05	0.00E+00	4.03E-06	0.00E+00	1.08E-07	6.16E-05	0.00E+00	0.00E+00	6.16E-05
3335	ALL	654738.1	4187442	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.31E-05	0.00E+00	4.06E-06	0.00E+00	1.08E-07	6.21E-05	0.00E+00	0.00E+00	6.21E-05
3336	ALL	654746.1	4187465	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.32E-05	0.00E+00	4.08E-06	0.00E+00	1.09E-07	6.24E-05	0.00E+00	0.00E+00	6.24E-05
3337	ALL	654754.2	4187489	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.09E-06	0.00E+00	1.09E-07	6.26E-05	0.00E+00	0.00E+00	6.26E-05
3338	ALL	654762.3	4187512	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.09E-06	0.00E+00	1.09E-07	6.26E-05	0.00E+00	0.00E+00	6.26E-05
3339	ALL	654770.3	4187535	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.09E-06	0.00E+00	1.09E-07	6.25E-05	0.00E+00	0.00E+00	6.25E-05
3340	ALL	654778.4	4187559	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.07E-06	0.00E+00	1.09E-07	6.23E-05	0.00E+00	0.00E+00	6.23E-05
3341	ALL	654786.5	4187582	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.32E-05	0.00E+00	4.05E-06	0.00E+00	1.08E-07	6.20E-05	0.00E+00	0.00E+00	6.20E-05
3342	ALL	654794.6	4187605	NonCancer	0.00E+00	1.62E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.32E-05	0.00E+00	4.03E-06	0.00E+00	1.07E-07	6.17E-05	0.00E+00	0.00E+00	6.17E-05
3343	ALL	654802.6	4187629	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.31E-05	0.00E+00	4.00E-06	0.00E+00	1.07E-07	6.14E-05	0.00E+00	0.00E+00	6.14E-05
3344	ALL	654810.7	4187652	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.30E-05	0.00E+00	3.98E-06	0.00E+00	1.06E-07	6.11E-05	0.00E+00	0.00E+00	6.11E-05
3345	ALL	654818.8	4187675	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.28E-05	0.00E+00	3.96E-06	0.00E+00	1.06E-07	6.08E-05	0.00E+00	0.00E+00	6.08E-05
3346	ALL	654826.8	4187699	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.27E-05	0.00E+00	3.94E-06	0.00E+00	1.05E-07	6.05E-05	0.00E+00	0.00E+00	6.05E-05
3347	ALL	654834.9	4187722	NonCancer	0.00E+00	1.58E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.26E-05	0.00E+00	3.92E-06	0.00E+00	1.05E-07	6.02E-05	0.00E+00	0.00E+00	6.02E-05
3348	ALL	654843	4187745	NonCancer	0.00E+00	1.57E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.24E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	5.98E-05	0.00E+00	0.00E+00	5.98E-05
3349	ALL	654851	4187769	NonCancer	0.00E+00	1.56E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.22E-05	0.00E+00	3.88E-06	0.00E+00	1.03E-07	5.94E-05	0.00E+00	0.00E+00	5.94E-05

3350	ALL	654859.1	4187792	NonCancer	0.00E+00	1.54E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.20E-05	0.00E+00	3.84E-06	0.00E+00	1.02E-07	5.88E-05	0.00E+00	0.00E+00	5.88E-05
3351	ALL	654867.2	4187815	NonCancer	0.00E+00	1.53E-06	0.00E+00	1.01E-07	1.01E-07	1.01E-07	2.17E-05	0.00E+00	3.79E-06	0.00E+00	1.01E-07	5.81E-05	0.00E+00	0.00E+00	5.81E-05
3352	ALL	654875.3	4187839	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.96E-08	9.96E-08	9.96E-08	2.14E-05	0.00E+00	3.73E-06	0.00E+00	9.96E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3353	ALL	654883.3	4187862	NonCancer	0.00E+00	1.47E-06	0.00E+00	9.78E-08	9.78E-08	9.78E-08	2.11E-05	0.00E+00	3.67E-06	0.00E+00	9.78E-08	5.62E-05	0.00E+00	0.00E+00	5.62E-05
3354	ALL	654891.4	4187885	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.58E-08	9.58E-08	9.58E-08	2.07E-05	0.00E+00	3.59E-06	0.00E+00	9.58E-08	5.51E-05	0.00E+00	0.00E+00	5.51E-05
3355	ALL	654899.5	4187909	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.38E-08	9.38E-08	9.38E-08	2.04E-05	0.00E+00	3.52E-06	0.00E+00	9.38E-08	5.40E-05	0.00E+00	0.00E+00	5.40E-05
3356	ALL	654907.5	4187932	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.19E-08	9.19E-08	9.19E-08	2.00E-05	0.00E+00	3.45E-06	0.00E+00	9.19E-08	5.29E-05	0.00E+00	0.00E+00	5.29E-05
3357	ALL	653847.7	4186778	NonCancer	0.00E+00	8.63E-07	0.00E+00	5.73E-08	5.73E-08	5.73E-08	1.29E-05	0.00E+00	2.15E-06	0.00E+00	5.73E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3358	ALL	653823	4186777	NonCancer	0.00E+00	8.48E-07	0.00E+00	5.63E-08	5.63E-08	5.63E-08	1.28E-05	0.00E+00	2.11E-06	0.00E+00	5.63E-08	3.28E-05	0.00E+00	0.00E+00	3.28E-05
3359	ALL	653798.2	4186777	NonCancer	0.00E+00	8.35E-07	0.00E+00	5.54E-08	5.54E-08	5.54E-08	1.26E-05	0.00E+00	2.08E-06	0.00E+00	5.54E-08	3.24E-05	0.00E+00	0.00E+00	3.24E-05
3360	ALL	653773.4	4186776	NonCancer	0.00E+00	8.25E-07	0.00E+00	5.47E-08	5.47E-08	5.47E-08	1.24E-05	0.00E+00	2.06E-06	0.00E+00	5.47E-08	3.20E-05	0.00E+00	0.00E+00	3.20E-05
3361	ALL	653748.6	4186775	NonCancer	0.00E+00	8.17E-07	0.00E+00	5.42E-08	5.42E-08	5.42E-08	1.23E-05	0.00E+00	2.04E-06	0.00E+00	5.42E-08	3.17E-05	0.00E+00	0.00E+00	3.17E-05
3362	ALL	653723.9	4186775	NonCancer	0.00E+00	8.15E-07	0.00E+00	5.41E-08	5.41E-08	5.41E-08	1.23E-05	0.00E+00	2.03E-06	0.00E+00	5.41E-08	3.16E-05	0.00E+00	0.00E+00	3.16E-05
3363	ALL	653876.8	4186538	NonCancer	0.00E+00	6.37E-07	0.00E+00	4.22E-08	4.22E-08	4.22E-08	9.55E-06	0.00E+00	1.59E-06	0.00E+00	4.22E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
3364	ALL	653899.3	4186549	NonCancer	0.00E+00	6.54E-07	0.00E+00	4.34E-08	4.34E-08	4.34E-08	9.78E-06	0.00E+00	1.63E-06	0.00E+00	4.34E-08	2.53E-05	0.00E+00	0.00E+00	2.53E-05
3365	ALL	653921.7	4186559	NonCancer	0.00E+00	6.72E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	1.00E-05	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3366	ALL	653944.1	4186569	NonCancer	0.00E+00	6.91E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.02E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3367	ALL	653966.5	4186580	NonCancer	0.00E+00	7.08E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.05E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3368	ALL	653988.9	4186590	NonCancer	0.00E+00	7.25E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.07E-05	0.00E+00	1.80E-06	0.00E+00	4.81E-08	2.79E-05	0.00E+00	0.00E+00	2.79E-05
3369	ALL	654011.3	4186600	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.09E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
3370	ALL	654033.8	4186610	NonCancer	0.00E+00	7.51E-07	0.00E+00	4.98E-08	4.98E-08	4.98E-08	1.11E-05	0.00E+00	1.87E-06	0.00E+00	4.98E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
3371	ALL	654056.2	4186621	NonCancer	0.00E+00	7.62E-07	0.00E+00	5.06E-08	5.06E-08	5.06E-08	1.12E-05	0.00E+00	1.90E-06	0.00E+00	5.06E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
3372	ALL	654078.6	4186631	NonCancer	0.00E+00	7.73E-07	0.00E+00	5.13E-08	5.13E-08	5.13E-08	1.14E-05	0.00E+00	1.93E-06	0.00E+00	5.13E-08	2.98E-05	0.00E+00	0.00E+00	2.98E-05
3373	ALL	654101	4186641	NonCancer	0.00E+00	7.85E-07	0.00E+00	5.21E-08	5.21E-08	5.21E-08	1.16E-05	0.00E+00	1.96E-06	0.00E+00	5.21E-08	3.02E-05	0.00E+00	0.00E+00	3.02E-05
3374	ALL	654123.4	4186652	NonCancer	0.00E+00	7.98E-07	0.00E+00	5.30E-08	5.30E-08	5.30E-08	1.18E-05	0.00E+00	1.99E-06	0.00E+00	5.30E-08	3.07E-05	0.00E+00	0.00E+00	3.07E-05
3375	ALL	654145.8	4186662	NonCancer	0.00E+00	8.12E-07	0.00E+00	5.39E-08	5.39E-08	5.39E-08	1.20E-05	0.00E+00	2.02E-06	0.00E+00	5.39E-08	3.13E-05	0.00E+00	0.00E+00	3.13E-05
3376	ALL	654168.3	4186672	NonCancer	0.00E+00	8.26E-07	0.00E+00	5.48E-08	5.48E-08	5.48E-08	1.22E-05	0.00E+00	2.06E-06	0.00E+00	5.48E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
3377	ALL	654190.7	4186682	NonCancer	0.00E+00	8.41E-07	0.00E+00	5.58E-08	5.58E-08	5.58E-08	1.24E-05	0.00E+00	2.09E-06	0.00E+00	5.58E-08	3.23E-05	0.00E+00	0.00E+00	3.23E-05
3378	ALL	654213.1	4186693	NonCancer	0.00E+00	8.57E-07	0.00E+00	5.68E-08	5.68E-08	5.68E-08	1.26E-05	0.00E+00	2.13E-06	0.00E+00	5.68E-08	3.29E-05	0.00E+00	0.00E+00	3.29E-05
3379	ALL	654235.5	4186703	NonCancer	0.00E+00	8.72E-07	0.00E+00	5.78E-08	5.78E-08	5.78E-08	1.27E-05	0.00E+00	2.17E-06	0.00E+00	5.78E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3380	ALL	654257.9	4186713	NonCancer	0.00E+00	8.85E-07	0.00E+00	5.87E-08	5.87E-08	5.87E-08	1.29E-05	0.00E+00	2.20E-06	0.00E+00	5.87E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3381	ALL	654280.3	4186724	NonCancer	0.00E+00	8.97E-07	0.00E+00	5.95E-08	5.95E-08	5.95E-08	1.30E-05	0.00E+00	2.23E-06	0.00E+00	5.95E-08	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3382	ALL	654302.7	4186734	NonCancer	0.00E+00	9.05E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.31E-05	0.00E+00	2.25E-06	0.00E+00	6.01E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3383	ALL	654325.2	4186744	NonCancer	0.00E+00	9.10E-07	0.00E+00	6.03E-08	6.03E-08	6.03E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.03E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3384	ALL	654347.6	4186755	NonCancer	0.00E+00	9.10E-07	0.00E+00	6.04E-08	6.04E-08	6.04E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.04E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3385	ALL	654370	4186765	NonCancer	0.00E+00	9.06E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.31E-05	0.00E+00	2.25E-06	0.00E+00	6.01E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3386	ALL	654392.4	4186775	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.98E-08	5.98E-08	5.98E-08	1.30E-05	0.00E+00	2.24E-06	0.00E+00	5.98E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3387	ALL	654414.8	4186785	NonCancer	0.00E+00	8.94E-07	0.00E+00	5.93E-08	5.93E-08	5.93E-08	1.30E-05	0.00E+00	2.22E-06	0.00E+00	5.93E-08	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3388	ALL	654437.2	4186796	NonCancer	0.00E+00	8.87E-07	0.00E+00	5.88E-08	5.88E-08	5.88E-08	1.30E-05	0.00E+00	2.21E-06	0.00E+00	5.88E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3389	ALL	654459.7	4186806	NonCancer	0.00E+00	8.81E-07	0.00E+00	5.85E-08	5.85E-08	5.85E-08	1.29E-05	0.00E+00	2.19E-06	0.00E+00	5.85E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3390	ALL	654482.1	4186816	NonCancer	0.00E+00	8.79E-07	0.00E+00	5.83E-08	5.83E-08	5.83E-08	1.29E-05	0.00E+00	2.19E-06	0.00E+00	5.83E-08	3.38E-05	0.00E+00	0.00E+00	3.38E-05
3391	ALL	654504.5	4186827	NonCancer	0.00E+00	8.79E-07	0.00E+00	5.83E-08	5.83E-08	5.83E-08	1.30E-05	0.00E+00	2.19E-06	0.00E+00	5.83E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3392	ALL	654526.9	4186837	NonCancer	0.00E+00	8.83E-07	0.00E+00	5.86E-08	5.86E-08	5.86E-08	1.30E-05	0.00E+00	2.20E-06	0.00E+00	5.86E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3393	ALL	654549.3	4186847	NonCancer	0.00E+00	8.91E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.31E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3394	ALL	654571.7	4186857	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.97E-08	5.97E-08	5.97E-08	1.32E-05	0.00E+00	2.24E-06	0.00E+00	5.97E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3395	ALL	654594.2	4186868	NonCancer	0.00E+00	9.11E-07	0.00E+00	6.04E-08	6.04E-08	6.04E-08	1.33E-05	0.00E+00	2.27E-06	0.00E+00	6.04E-08	3.50E-05	0.00E+00	0.00E+00	3.50E-05
3396	ALL	654616.6	4186878	NonCancer	0.00E+00	9.22E-07	0.00E+00	6.11E-08	6.11E-08	6.11E-08	1.34E-05	0.00E+00	2.29E-06	0.00E+00	6.11E-08	3.53E-05	0.00E+00	0.00E+00	3.53E-05
3397	ALL	654639	4186888	NonCancer	0.00E+00	9.32E-07	0.00E+00	6.18E-08	6.18E-08	6.18E-08	1.35E-05	0.00E+00	2.32E-06	0.00E+00	6.18E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
3398	ALL	654661.4	4186899	NonCancer	0.00E+00	9.41E-07	0.00E+00	6.24E-08	6.24E-08	6.24E-08	1.36E-05	0.00E+00	2.34E-06	0.00E+00	6.24E-08	3.60E-05	0.00E+00	0.00E+00	3.60E-05
3399	ALL	654683.8	4186909	NonCancer	0.00E+00	9.48E-07	0.00E+00	6.29E-08	6.29E-08	6.29E-08	1.37E-05	0.00E+00	2.36E-06	0.00E+00	6.29E-08	3.62E-05	0.00E+00	0.00E+00	3.62E-05

3400	ALL	654706.2	4186919	NonCancer	0.00E+00	9.54E-07	0.00E+00	6.33E-08	6.33E-08	6.33E-08	1.37E-05	0.00E+00	2.37E-06	0.00E+00	6.33E-08	3.64E-05	0.00E+00	0.00E+00	3.64E-05
3401	ALL	654728.7	4186929	NonCancer	0.00E+00	9.58E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.36E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3402	ALL	654751.1	4186940	NonCancer	0.00E+00	9.59E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.38E-05	0.00E+00	2.39E-06	0.00E+00	6.36E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3403	ALL	654773.5	4186950	NonCancer	0.00E+00	9.59E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.36E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3404	ALL	654795.9	4186960	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.35E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
3405	ALL	654826.4	4186994	NonCancer	0.00E+00	9.73E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.40E-05	0.00E+00	2.42E-06	0.00E+00	6.45E-08	3.71E-05	0.00E+00	0.00E+00	3.71E-05
3406	ALL	654834.4	4187017	NonCancer	0.00E+00	9.92E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.43E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
3407	ALL	654842.5	4187041	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.70E-08	6.70E-08	6.70E-08	1.45E-05	0.00E+00	2.51E-06	0.00E+00	6.70E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
3408	ALL	654850.6	4187064	NonCancer	0.00E+00	1.03E-06	0.00E+00	6.83E-08	6.83E-08	6.83E-08	1.48E-05	0.00E+00	2.56E-06	0.00E+00	6.83E-08	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3409	ALL	654858.6	4187087	NonCancer	0.00E+00	1.05E-06	0.00E+00	6.94E-08	6.94E-08	6.94E-08	1.50E-05	0.00E+00	2.60E-06	0.00E+00	6.94E-08	3.99E-05	0.00E+00	0.00E+00	3.99E-05
3410	ALL	654866.7	4187111	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.05E-08	7.05E-08	7.05E-08	1.53E-05	0.00E+00	2.64E-06	0.00E+00	7.05E-08	4.06E-05	0.00E+00	0.00E+00	4.06E-05
3411	ALL	654874.8	4187134	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.16E-08	7.16E-08	7.16E-08	1.55E-05	0.00E+00	2.68E-06	0.00E+00	7.16E-08	4.12E-05	0.00E+00	0.00E+00	4.12E-05
3412	ALL	654882.8	4187157	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.26E-08	7.26E-08	7.26E-08	1.57E-05	0.00E+00	2.72E-06	0.00E+00	7.26E-08	4.18E-05	0.00E+00	0.00E+00	4.18E-05
3413	ALL	654890.9	4187180	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.36E-08	7.36E-08	7.36E-08	1.60E-05	0.00E+00	2.76E-06	0.00E+00	7.36E-08	4.24E-05	0.00E+00	0.00E+00	4.24E-05
3414	ALL	654898.9	4187204	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.46E-08	7.46E-08	7.46E-08	1.62E-05	0.00E+00	2.80E-06	0.00E+00	7.46E-08	4.29E-05	0.00E+00	0.00E+00	4.29E-05
3415	ALL	654907	4187227	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.56E-08	7.56E-08	7.56E-08	1.63E-05	0.00E+00	2.83E-06	0.00E+00	7.56E-08	4.35E-05	0.00E+00	0.00E+00	4.35E-05
3416	ALL	654915.1	4187250	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.64E-08	7.64E-08	7.64E-08	1.65E-05	0.00E+00	2.87E-06	0.00E+00	7.64E-08	4.39E-05	0.00E+00	0.00E+00	4.39E-05
3417	ALL	654923.1	4187274	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.72E-08	7.72E-08	7.72E-08	1.67E-05	0.00E+00	2.89E-06	0.00E+00	7.72E-08	4.44E-05	0.00E+00	0.00E+00	4.44E-05
3418	ALL	654931.2	4187297	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.78E-08	7.78E-08	7.78E-08	1.68E-05	0.00E+00	2.92E-06	0.00E+00	7.78E-08	4.47E-05	0.00E+00	0.00E+00	4.47E-05
3419	ALL	654939.3	4187320	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.69E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.50E-05	0.00E+00	0.00E+00	4.50E-05
3420	ALL	654947.3	4187344	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.88E-08	7.88E-08	7.88E-08	1.70E-05	0.00E+00	2.95E-06	0.00E+00	7.88E-08	4.52E-05	0.00E+00	0.00E+00	4.52E-05
3421	ALL	654955.4	4187367	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.91E-08	7.91E-08	7.91E-08	1.70E-05	0.00E+00	2.96E-06	0.00E+00	7.91E-08	4.54E-05	0.00E+00	0.00E+00	4.54E-05
3422	ALL	654963.4	4187390	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.93E-08	7.93E-08	7.93E-08	1.71E-05	0.00E+00	2.97E-06	0.00E+00	7.93E-08	4.55E-05	0.00E+00	0.00E+00	4.55E-05
3423	ALL	654971.5	4187414	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.94E-08	7.94E-08	7.94E-08	1.71E-05	0.00E+00	2.98E-06	0.00E+00	7.94E-08	4.56E-05	0.00E+00	0.00E+00	4.56E-05
3424	ALL	654979.6	4187437	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.93E-08	7.93E-08	7.93E-08	1.71E-05	0.00E+00	2.97E-06	0.00E+00	7.93E-08	4.56E-05	0.00E+00	0.00E+00	4.56E-05
3425	ALL	654987.6	4187460	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.91E-08	7.91E-08	7.91E-08	1.71E-05	0.00E+00	2.96E-06	0.00E+00	7.91E-08	4.54E-05	0.00E+00	0.00E+00	4.54E-05
3426	ALL	654995.7	4187484	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.87E-08	7.87E-08	7.87E-08	1.70E-05	0.00E+00	2.95E-06	0.00E+00	7.87E-08	4.53E-05	0.00E+00	0.00E+00	4.53E-05
3427	ALL	655003.7	4187507	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.70E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
3428	ALL	655011.8	4187530	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.79E-08	7.79E-08	7.79E-08	1.69E-05	0.00E+00	2.92E-06	0.00E+00	7.79E-08	4.49E-05	0.00E+00	0.00E+00	4.49E-05
3429	ALL	655019.9	4187553	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.75E-08	7.75E-08	7.75E-08	1.69E-05	0.00E+00	2.91E-06	0.00E+00	7.75E-08	4.47E-05	0.00E+00	0.00E+00	4.47E-05
3430	ALL	655027.9	4187577	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.72E-08	7.72E-08	7.72E-08	1.68E-05	0.00E+00	2.89E-06	0.00E+00	7.72E-08	4.45E-05	0.00E+00	0.00E+00	4.45E-05
3431	ALL	655036	4187600	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.69E-08	7.69E-08	7.69E-08	1.68E-05	0.00E+00	2.88E-06	0.00E+00	7.69E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
3432	ALL	655044.1	4187623	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.66E-08	7.66E-08	7.66E-08	1.67E-05	0.00E+00	2.87E-06	0.00E+00	7.66E-08	4.42E-05	0.00E+00	0.00E+00	4.42E-05
3433	ALL	655052.1	4187647	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.63E-08	7.63E-08	7.63E-08	1.66E-05	0.00E+00	2.86E-06	0.00E+00	7.63E-08	4.40E-05	0.00E+00	0.00E+00	4.40E-05
3434	ALL	655060.2	4187670	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.61E-08	7.61E-08	7.61E-08	1.65E-05	0.00E+00	2.85E-06	0.00E+00	7.61E-08	4.38E-05	0.00E+00	0.00E+00	4.38E-05
3435	ALL	655068.2	4187693	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.58E-08	7.58E-08	7.58E-08	1.65E-05	0.00E+00	2.84E-06	0.00E+00	7.58E-08	4.37E-05	0.00E+00	0.00E+00	4.37E-05
3436	ALL	655076.3	4187717	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.55E-08	7.55E-08	7.55E-08	1.64E-05	0.00E+00	2.83E-06	0.00E+00	7.55E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05
3437	ALL	655084.4	4187740	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.50E-08	7.50E-08	7.50E-08	1.62E-05	0.00E+00	2.81E-06	0.00E+00	7.50E-08	4.32E-05	0.00E+00	0.00E+00	4.32E-05
3438	ALL	655092.4	4187763	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.45E-08	7.45E-08	7.45E-08	1.61E-05	0.00E+00	2.79E-06	0.00E+00	7.45E-08	4.28E-05	0.00E+00	0.00E+00	4.28E-05
3439	ALL	655100.5	4187787	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.37E-08	7.37E-08	7.37E-08	1.59E-05	0.00E+00	2.76E-06	0.00E+00	7.37E-08	4.24E-05	0.00E+00	0.00E+00	4.24E-05
3440	ALL	655108.6	4187810	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.28E-08	7.28E-08	7.28E-08	1.57E-05	0.00E+00	2.73E-06	0.00E+00	7.28E-08	4.18E-05	0.00E+00	0.00E+00	4.18E-05
3441	ALL	655116.6	4187833	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.17E-08	7.17E-08	7.17E-08	1.55E-05	0.00E+00	2.69E-06	0.00E+00	7.17E-08	4.13E-05	0.00E+00	0.00E+00	4.13E-05
3442	ALL	655124.7	4187856	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.05E-08	7.05E-08	7.05E-08	1.53E-05	0.00E+00	2.64E-06	0.00E+00	7.05E-08	4.06E-05	0.00E+00	0.00E+00	4.06E-05
3443	ALL	655132.7	4187880	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.93E-08	6.93E-08	6.93E-08	1.51E-05	0.00E+00	2.60E-06	0.00E+00	6.93E-08	3.99E-05	0.00E+00	0.00E+00	3.99E-05
3444	ALL	655140.8	4187903	NonCancer	0.00E+00	1.03E-06	0.00E+00	6.81E-08	6.81E-08	6.81E-08	1.49E-05	0.00E+00	2.55E-06	0.00E+00	6.81E-08	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3445	ALL	655148.9	4187926	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.69E-08	6.69E-08	6.69E-08	1.46E-05	0.00E+00	2.51E-06	0.00E+00	6.69E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
3446	ALL	655156.9	4187950	NonCancer	0.00E+00	9.91E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.44E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.80E-05	0.00E+00	0.00E+00	3.80E-05
3447	ALL	653854.4	4186528	NonCancer	0.00E+00	6.21E-07	0.00E+00	4.12E-08	4.12E-08	4.12E-08	9.33E-06	0.00E+00	1.55E-06	0.00E+00	4.12E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
3448	ALL	653829.6	4186527	NonCancer	0.00E+00	6.12E-07	0.00E+00	4.06E-08	4.06E-08	4.06E-08	9.22E-06	0.00E+00	1.53E-06	0.00E+00	4.06E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
3449	ALL	653804.9	4186527	NonCancer	0.00E+00	6.04E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.12E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05

3450	ALL	653780.1	4186526	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.03E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
3451	ALL	653755.3	4186525	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.97E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
3452	ALL	653730.5	4186525	NonCancer	0.00E+00	5.90E-07	0.00E+00	3.91E-08	3.91E-08	3.91E-08	8.93E-06	0.00E+00	1.47E-06	0.00E+00	3.91E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
3453	ALL	653883.5	4186288	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.25E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3454	ALL	653905.9	4186299	NonCancer	0.00E+00	4.93E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.40E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3455	ALL	653928.3	4186309	NonCancer	0.00E+00	5.04E-07	0.00E+00	3.35E-08	3.35E-08	3.35E-08	7.55E-06	0.00E+00	1.26E-06	0.00E+00	3.35E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
3456	ALL	653950.7	4186319	NonCancer	0.00E+00	5.17E-07	0.00E+00	3.43E-08	3.43E-08	3.43E-08	7.71E-06	0.00E+00	1.29E-06	0.00E+00	3.43E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
3457	ALL	653973.1	4186330	NonCancer	0.00E+00	5.29E-07	0.00E+00	3.51E-08	3.51E-08	3.51E-08	7.86E-06	0.00E+00	1.32E-06	0.00E+00	3.51E-08	2.04E-05	0.00E+00	0.00E+00	2.04E-05
3458	ALL	653995.5	4186340	NonCancer	0.00E+00	5.41E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	8.02E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3459	ALL	654017.9	4186350	NonCancer	0.00E+00	5.52E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.16E-06	0.00E+00	1.38E-06	0.00E+00	3.66E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3460	ALL	654040.3	4186360	NonCancer	0.00E+00	5.62E-07	0.00E+00	3.73E-08	3.73E-08	3.73E-08	8.29E-06	0.00E+00	1.40E-06	0.00E+00	3.73E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
3461	ALL	654062.7	4186371	NonCancer	0.00E+00	5.71E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.42E-06	0.00E+00	1.42E-06	0.00E+00	3.79E-08	2.20E-05	0.00E+00	0.00E+00	2.20E-05
3462	ALL	654085.1	4186381	NonCancer	0.00E+00	5.79E-07	0.00E+00	3.84E-08	3.84E-08	3.84E-08	8.54E-06	0.00E+00	1.44E-06	0.00E+00	3.84E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3463	ALL	654107.5	4186391	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.66E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
3464	ALL	654129.9	4186402	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.77E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
3465	ALL	654152.3	4186412	NonCancer	0.00E+00	6.00E-07	0.00E+00	3.98E-08	3.98E-08	3.98E-08	8.89E-06	0.00E+00	1.49E-06	0.00E+00	3.98E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
3466	ALL	654174.7	4186422	NonCancer	0.00E+00	6.08E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.01E-06	0.00E+00	1.51E-06	0.00E+00	4.04E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
3467	ALL	654197.1	4186432	NonCancer	0.00E+00	6.17E-07	0.00E+00	4.09E-08	4.09E-08	4.09E-08	9.14E-06	0.00E+00	1.54E-06	0.00E+00	4.09E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
3468	ALL	654219.5	4186443	NonCancer	0.00E+00	6.26E-07	0.00E+00	4.15E-08	4.15E-08	4.15E-08	9.27E-06	0.00E+00	1.56E-06	0.00E+00	4.15E-08	2.41E-05	0.00E+00	0.00E+00	2.41E-05
3469	ALL	654241.9	4186453	NonCancer	0.00E+00	6.36E-07	0.00E+00	4.22E-08	4.22E-08	4.22E-08	9.40E-06	0.00E+00	1.58E-06	0.00E+00	4.22E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
3470	ALL	654264.3	4186463	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.28E-08	4.28E-08	4.28E-08	9.52E-06	0.00E+00	1.61E-06	0.00E+00	4.28E-08	2.48E-05	0.00E+00	0.00E+00	2.48E-05
3471	ALL	654286.7	4186474	NonCancer	0.00E+00	6.55E-07	0.00E+00	4.35E-08	4.35E-08	4.35E-08	9.65E-06	0.00E+00	1.63E-06	0.00E+00	4.35E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3472	ALL	654309.1	4186484	NonCancer	0.00E+00	6.65E-07	0.00E+00	4.41E-08	4.41E-08	4.41E-08	9.76E-06	0.00E+00	1.66E-06	0.00E+00	4.41E-08	2.56E-05	0.00E+00	0.00E+00	2.56E-05
3473	ALL	654331.5	4186494	NonCancer	0.00E+00	6.75E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	9.87E-06	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3474	ALL	654353.9	4186504	NonCancer	0.00E+00	6.84E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	9.96E-06	0.00E+00	1.70E-06	0.00E+00	4.54E-08	2.62E-05	0.00E+00	0.00E+00	2.62E-05
3475	ALL	654376.3	4186515	NonCancer	0.00E+00	6.92E-07	0.00E+00	4.59E-08	4.59E-08	4.59E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.59E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3476	ALL	654398.7	4186525	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.62E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3477	ALL	654421.1	4186535	NonCancer	0.00E+00	7.00E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3478	ALL	654443.5	4186546	NonCancer	0.00E+00	7.00E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3479	ALL	654465.9	4186556	NonCancer	0.00E+00	6.98E-07	0.00E+00	4.63E-08	4.63E-08	4.63E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.63E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3480	ALL	654488.3	4186566	NonCancer	0.00E+00	6.94E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3481	ALL	654510.7	4186576	NonCancer	0.00E+00	6.90E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
3482	ALL	654533.1	4186587	NonCancer	0.00E+00	6.85E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	1.00E-05	0.00E+00	1.70E-06	0.00E+00	4.54E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3483	ALL	654555.5	4186597	NonCancer	0.00E+00	6.80E-07	0.00E+00	4.51E-08	4.51E-08	4.51E-08	9.97E-06	0.00E+00	1.69E-06	0.00E+00	4.51E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3484	ALL	654577.9	4186607	NonCancer	0.00E+00	6.75E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	9.95E-06	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.60E-05	0.00E+00	0.00E+00	2.60E-05
3485	ALL	654600.3	4186618	NonCancer	0.00E+00	6.72E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.94E-06	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3486	ALL	654622.7	4186628	NonCancer	0.00E+00	6.71E-07	0.00E+00	4.45E-08	4.45E-08	4.45E-08	9.95E-06	0.00E+00	1.67E-06	0.00E+00	4.45E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3487	ALL	654645.1	4186638	NonCancer	0.00E+00	6.73E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.98E-06	0.00E+00	1.68E-06	0.00E+00	4.46E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3488	ALL	654667.5	4186648	NonCancer	0.00E+00	6.76E-07	0.00E+00	4.49E-08	4.49E-08	4.49E-08	1.00E-05	0.00E+00	1.68E-06	0.00E+00	4.49E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3489	ALL	654689.9	4186659	NonCancer	0.00E+00	6.82E-07	0.00E+00	4.52E-08	4.52E-08	4.52E-08	1.01E-05	0.00E+00	1.70E-06	0.00E+00	4.52E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3490	ALL	654712.3	4186669	NonCancer	0.00E+00	6.88E-07	0.00E+00	4.57E-08	4.57E-08	4.57E-08	1.01E-05	0.00E+00	1.71E-06	0.00E+00	4.57E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3491	ALL	654734.7	4186679	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.02E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3492	ALL	654757.1	4186690	NonCancer	0.00E+00	7.03E-07	0.00E+00	4.66E-08	4.66E-08	4.66E-08	1.03E-05	0.00E+00	1.75E-06	0.00E+00	4.66E-08	2.70E-05	0.00E+00	0.00E+00	2.70E-05
3493	ALL	654779.5	4186700	NonCancer	0.00E+00	7.09E-07	0.00E+00	4.71E-08	4.71E-08	4.71E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.71E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05
3494	ALL	654801.9	4186710	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.04E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3495	ALL	654824.3	4186720	NonCancer	0.00E+00	7.22E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3496	ALL	654846.7	4186731	NonCancer	0.00E+00	7.27E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3497	ALL	654869.1	4186741	NonCancer	0.00E+00	7.31E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3498	ALL	654891.5	4186751	NonCancer	0.00E+00	7.34E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.87E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3499	ALL	654913.9	4186762	NonCancer	0.00E+00	7.35E-07	0.00E+00	4.88E-08	4.88E-08	4.88E-08	1.06E-05	0.00E+00	1.83E-06	0.00E+00	4.88E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05

3500	ALL	654936.3	4186772	NonCancer	0.00E+00	7.35E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.06E-05	0.00E+00	1.83E-06	0.00E+00	4.87E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
3501	ALL	654958.7	4186782	NonCancer	0.00E+00	7.34E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.06E-05	0.00E+00	1.83E-06	0.00E+00	4.87E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
3502	ALL	654981.1	4186792	NonCancer	0.00E+00	7.32E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.86E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3503	ALL	655011.6	4186826	NonCancer	0.00E+00	7.42E-07	0.00E+00	4.92E-08	4.92E-08	4.92E-08	1.07E-05	0.00E+00	1.85E-06	0.00E+00	4.92E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
3504	ALL	655019.6	4186849	NonCancer	0.00E+00	7.55E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.09E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
3505	ALL	655027.7	4186873	NonCancer	0.00E+00	7.67E-07	0.00E+00	5.09E-08	5.09E-08	5.09E-08	1.11E-05	0.00E+00	1.91E-06	0.00E+00	5.09E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
3506	ALL	655035.7	4186896	NonCancer	0.00E+00	7.79E-07	0.00E+00	5.17E-08	5.17E-08	5.17E-08	1.13E-05	0.00E+00	1.94E-06	0.00E+00	5.17E-08	2.98E-05	0.00E+00	0.00E+00	2.98E-05
3507	ALL	655043.8	4186919	NonCancer	0.00E+00	7.91E-07	0.00E+00	5.25E-08	5.25E-08	5.25E-08	1.14E-05	0.00E+00	1.97E-06	0.00E+00	5.25E-08	3.02E-05	0.00E+00	0.00E+00	3.02E-05
3508	ALL	655051.8	4186942	NonCancer	0.00E+00	8.02E-07	0.00E+00	5.32E-08	5.32E-08	5.32E-08	1.16E-05	0.00E+00	2.00E-06	0.00E+00	5.32E-08	3.07E-05	0.00E+00	0.00E+00	3.07E-05
3509	ALL	655059.9	4186966	NonCancer	0.00E+00	8.13E-07	0.00E+00	5.39E-08	5.39E-08	5.39E-08	1.17E-05	0.00E+00	2.02E-06	0.00E+00	5.39E-08	3.11E-05	0.00E+00	0.00E+00	3.11E-05
3510	ALL	655068	4186989	NonCancer	0.00E+00	8.23E-07	0.00E+00	5.46E-08	5.46E-08	5.46E-08	1.19E-05	0.00E+00	2.05E-06	0.00E+00	5.46E-08	3.15E-05	0.00E+00	0.00E+00	3.15E-05
3511	ALL	655076	4187012	NonCancer	0.00E+00	8.33E-07	0.00E+00	5.52E-08	5.52E-08	5.52E-08	1.21E-05	0.00E+00	2.07E-06	0.00E+00	5.52E-08	3.19E-05	0.00E+00	0.00E+00	3.19E-05
3512	ALL	655084.1	4187036	NonCancer	0.00E+00	8.43E-07	0.00E+00	5.59E-08	5.59E-08	5.59E-08	1.22E-05	0.00E+00	2.10E-06	0.00E+00	5.59E-08	3.22E-05	0.00E+00	0.00E+00	3.22E-05
3513	ALL	655092.1	4187059	NonCancer	0.00E+00	8.53E-07	0.00E+00	5.66E-08	5.66E-08	5.66E-08	1.23E-05	0.00E+00	2.12E-06	0.00E+00	5.66E-08	3.26E-05	0.00E+00	0.00E+00	3.26E-05
3514	ALL	655100.2	4187082	NonCancer	0.00E+00	8.62E-07	0.00E+00	5.72E-08	5.72E-08	5.72E-08	1.25E-05	0.00E+00	2.15E-06	0.00E+00	5.72E-08	3.30E-05	0.00E+00	0.00E+00	3.30E-05
3515	ALL	655108.2	4187106	NonCancer	0.00E+00	8.72E-07	0.00E+00	5.78E-08	5.78E-08	5.78E-08	1.26E-05	0.00E+00	2.17E-06	0.00E+00	5.78E-08	3.33E-05	0.00E+00	0.00E+00	3.33E-05
3516	ALL	655116.3	4187129	NonCancer	0.00E+00	8.80E-07	0.00E+00	5.84E-08	5.84E-08	5.84E-08	1.27E-05	0.00E+00	2.19E-06	0.00E+00	5.84E-08	3.36E-05	0.00E+00	0.00E+00	3.36E-05
3517	ALL	655124.3	4187152	NonCancer	0.00E+00	8.88E-07	0.00E+00	5.89E-08	5.89E-08	5.89E-08	1.28E-05	0.00E+00	2.21E-06	0.00E+00	5.89E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3518	ALL	655132.4	4187175	NonCancer	0.00E+00	8.94E-07	0.00E+00	5.93E-08	5.93E-08	5.93E-08	1.29E-05	0.00E+00	2.22E-06	0.00E+00	5.93E-08	3.42E-05	0.00E+00	0.00E+00	3.42E-05
3519	ALL	655140.5	4187199	NonCancer	0.00E+00	9.00E-07	0.00E+00	5.97E-08	5.97E-08	5.97E-08	1.30E-05	0.00E+00	2.24E-06	0.00E+00	5.97E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3520	ALL	655148.5	4187222	NonCancer	0.00E+00	9.05E-07	0.00E+00	6.00E-08	6.00E-08	6.00E-08	1.30E-05	0.00E+00	2.25E-06	0.00E+00	6.00E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3521	ALL	655156.6	4187245	NonCancer	0.00E+00	9.09E-07	0.00E+00	6.03E-08	6.03E-08	6.03E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.03E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3522	ALL	655164.6	4187269	NonCancer	0.00E+00	9.13E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.31E-05	0.00E+00	2.27E-06	0.00E+00	6.06E-08	3.48E-05	0.00E+00	0.00E+00	3.48E-05
3523	ALL	655172.7	4187292	NonCancer	0.00E+00	9.15E-07	0.00E+00	6.07E-08	6.07E-08	6.07E-08	1.31E-05	0.00E+00	2.28E-06	0.00E+00	6.07E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3524	ALL	655180.7	4187315	NonCancer	0.00E+00	9.16E-07	0.00E+00	6.08E-08	6.08E-08	6.08E-08	1.31E-05	0.00E+00	2.28E-06	0.00E+00	6.08E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3525	ALL	655188.8	4187338	NonCancer	0.00E+00	9.15E-07	0.00E+00	6.07E-08	6.07E-08	6.07E-08	1.31E-05	0.00E+00	2.28E-06	0.00E+00	6.07E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3526	ALL	655196.8	4187362	NonCancer	0.00E+00	9.13E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.31E-05	0.00E+00	2.27E-06	0.00E+00	6.06E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3527	ALL	655204.9	4187385	NonCancer	0.00E+00	9.10E-07	0.00E+00	6.04E-08	6.04E-08	6.04E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.04E-08	3.48E-05	0.00E+00	0.00E+00	3.48E-05
3528	ALL	655213	4187408	NonCancer	0.00E+00	9.06E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.31E-05	0.00E+00	2.25E-06	0.00E+00	6.01E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3529	ALL	655221	4187432	NonCancer	0.00E+00	9.02E-07	0.00E+00	5.98E-08	5.98E-08	5.98E-08	1.31E-05	0.00E+00	2.24E-06	0.00E+00	5.98E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3530	ALL	655229.1	4187455	NonCancer	0.00E+00	8.98E-07	0.00E+00	5.95E-08	5.95E-08	5.95E-08	1.30E-05	0.00E+00	2.23E-06	0.00E+00	5.95E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3531	ALL	655237.1	4187478	NonCancer	0.00E+00	8.94E-07	0.00E+00	5.93E-08	5.93E-08	5.93E-08	1.30E-05	0.00E+00	2.22E-06	0.00E+00	5.93E-08	3.42E-05	0.00E+00	0.00E+00	3.42E-05
3532	ALL	655245.2	4187502	NonCancer	0.00E+00	8.90E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.29E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.41E-05	0.00E+00	0.00E+00	3.41E-05
3533	ALL	655253.2	4187525	NonCancer	0.00E+00	8.87E-07	0.00E+00	5.89E-08	5.89E-08	5.89E-08	1.29E-05	0.00E+00	2.21E-06	0.00E+00	5.89E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3534	ALL	655261.3	4187548	NonCancer	0.00E+00	8.84E-07	0.00E+00	5.87E-08	5.87E-08	5.87E-08	1.29E-05	0.00E+00	2.20E-06	0.00E+00	5.87E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3535	ALL	655269.4	4187571	NonCancer	0.00E+00	8.82E-07	0.00E+00	5.85E-08	5.85E-08	5.85E-08	1.28E-05	0.00E+00	2.20E-06	0.00E+00	5.85E-08	3.38E-05	0.00E+00	0.00E+00	3.38E-05
3536	ALL	655277.4	4187595	NonCancer	0.00E+00	8.80E-07	0.00E+00	5.84E-08	5.84E-08	5.84E-08	1.28E-05	0.00E+00	2.19E-06	0.00E+00	5.84E-08	3.37E-05	0.00E+00	0.00E+00	3.37E-05
3537	ALL	655285.5	4187618	NonCancer	0.00E+00	8.78E-07	0.00E+00	5.83E-08	5.83E-08	5.83E-08	1.27E-05	0.00E+00	2.19E-06	0.00E+00	5.83E-08	3.36E-05	0.00E+00	0.00E+00	3.36E-05
3538	ALL	655293.5	4187641	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.27E-05	0.00E+00	2.18E-06	0.00E+00	5.81E-08	3.35E-05	0.00E+00	0.00E+00	3.35E-05
3539	ALL	655301.6	4187665	NonCancer	0.00E+00	8.74E-07	0.00E+00	5.80E-08	5.80E-08	5.80E-08	1.26E-05	0.00E+00	2.17E-06	0.00E+00	5.80E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3540	ALL	655309.6	4187688	NonCancer	0.00E+00	8.70E-07	0.00E+00	5.77E-08	5.77E-08	5.77E-08	1.26E-05	0.00E+00	2.16E-06	0.00E+00	5.77E-08	3.33E-05	0.00E+00	0.00E+00	3.33E-05
3541	ALL	655317.7	4187711	NonCancer	0.00E+00	8.66E-07	0.00E+00	5.74E-08	5.74E-08	5.74E-08	1.25E-05	0.00E+00	2.15E-06	0.00E+00	5.74E-08	3.31E-05	0.00E+00	0.00E+00	3.31E-05
3542	ALL	655325.7	4187734	NonCancer	0.00E+00	8.60E-07	0.00E+00	5.70E-08	5.70E-08	5.70E-08	1.24E-05	0.00E+00	2.14E-06	0.00E+00	5.70E-08	3.28E-05	0.00E+00	0.00E+00	3.28E-05
3543	ALL	655333.8	4187758	NonCancer	0.00E+00	8.52E-07	0.00E+00	5.65E-08	5.65E-08	5.65E-08	1.23E-05	0.00E+00	2.12E-06	0.00E+00	5.65E-08	3.25E-05	0.00E+00	0.00E+00	3.25E-05
3544	ALL	655341.9	4187781	NonCancer	0.00E+00	8.43E-07	0.00E+00	5.59E-08	5.59E-08	5.59E-08	1.22E-05	0.00E+00	2.10E-06	0.00E+00	5.59E-08	3.22E-05	0.00E+00	0.00E+00	3.22E-05
3545	ALL	655349.9	4187804	NonCancer	0.00E+00	8.33E-07	0.00E+00	5.53E-08	5.53E-08	5.53E-08	1.20E-05	0.00E+00	2.07E-06	0.00E+00	5.53E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
3546	ALL	655358	4187828	NonCancer	0.00E+00	8.21E-07	0.00E+00	5.45E-08	5.45E-08	5.45E-08	1.19E-05	0.00E+00	2.04E-06	0.00E+00	5.45E-08	3.14E-05	0.00E+00	0.00E+00	3.14E-05
3547	ALL	655366	4187851	NonCancer	0.00E+00	8.09E-07	0.00E+00	5.37E-08	5.37E-08	5.37E-08	1.17E-05	0.00E+00	2.01E-06	0.00E+00	5.37E-08	3.10E-05	0.00E+00	0.00E+00	3.10E-05
3548	ALL	655374.1	4187874	NonCancer	0.00E+00	7.97E-07	0.00E+00	5.28E-08	5.28E-08	5.28E-08	1.16E-05	0.00E+00	1.98E-06	0.00E+00	5.28E-08	3.05E-05	0.00E+00	0.00E+00	3.05E-05
3549	ALL	655382.1	4187898	NonCancer	0.00E+00	7.84E-07	0.00E+00	5.20E-08	5.20E-08	5.20E-08	1.14E-05	0.00E+00	1.95E-06	0.00E+00	5.20E-08	3.01E-05	0.00E+00	0.00E+00	3.01E-05

3550	ALL	655390.2	4187921	NonCancer	0.00E+00	7.72E-07	0.00E+00	5.12E-08	5.12E-08	5.12E-08	1.13E-05	0.00E+00	1.92E-06	0.00E+00	5.12E-08	2.96E-05	0.00E+00	0.00E+00	2.96E-05
3551	ALL	655398.3	4187944	NonCancer	0.00E+00	7.61E-07	0.00E+00	5.05E-08	5.05E-08	5.05E-08	1.11E-05	0.00E+00	1.89E-06	0.00E+00	5.05E-08	2.92E-05	0.00E+00	0.00E+00	2.92E-05
3552	ALL	655406.3	4187967	NonCancer	0.00E+00	7.51E-07	0.00E+00	4.98E-08	4.98E-08	4.98E-08	1.10E-05	0.00E+00	1.87E-06	0.00E+00	4.98E-08	2.88E-05	0.00E+00	0.00E+00	2.88E-05
3553	ALL	653861.1	4186278	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	7.11E-06	0.00E+00	1.18E-06	0.00E+00	3.13E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3554	ALL	653836.3	4186278	NonCancer	0.00E+00	4.67E-07	0.00E+00	3.09E-08	3.09E-08	3.09E-08	7.04E-06	0.00E+00	1.16E-06	0.00E+00	3.09E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3555	ALL	653811.5	4186277	NonCancer	0.00E+00	4.61E-07	0.00E+00	3.06E-08	3.06E-08	3.06E-08	6.97E-06	0.00E+00	1.15E-06	0.00E+00	3.06E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3556	ALL	653786.8	4186276	NonCancer	0.00E+00	4.57E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.91E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
3557	ALL	653762	4186276	NonCancer	0.00E+00	4.53E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.87E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3558	ALL	653737.2	4186275	NonCancer	0.00E+00	4.51E-07	0.00E+00	2.99E-08	2.99E-08	2.99E-08	6.84E-06	0.00E+00	1.12E-06	0.00E+00	2.99E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3559	ALL	653890.2	4186039	NonCancer	0.00E+00	3.80E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.73E-06	0.00E+00	9.48E-07	0.00E+00	2.52E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3560	ALL	653912.6	4186049	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.83E-06	0.00E+00	9.66E-07	0.00E+00	2.57E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
3561	ALL	653934.9	4186059	NonCancer	0.00E+00	3.95E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.94E-06	0.00E+00	9.85E-07	0.00E+00	2.62E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3562	ALL	653957.3	4186069	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.05E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
3563	ALL	653979.7	4186080	NonCancer	0.00E+00	4.12E-07	0.00E+00	2.73E-08	2.73E-08	2.73E-08	6.16E-06	0.00E+00	1.03E-06	0.00E+00	2.73E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
3564	ALL	654002.1	4186090	NonCancer	0.00E+00	4.21E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.27E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
3565	ALL	654024.5	4186100	NonCancer	0.00E+00	4.30E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.38E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
3566	ALL	654046.9	4186111	NonCancer	0.00E+00	4.38E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.48E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3567	ALL	654069.3	4186121	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.58E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3568	ALL	654091.7	4186131	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.67E-06	0.00E+00	1.12E-06	0.00E+00	3.00E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
3569	ALL	654114	4186141	NonCancer	0.00E+00	4.57E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.75E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3570	ALL	654136.4	4186152	NonCancer	0.00E+00	4.62E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.83E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3571	ALL	654158.8	4186162	NonCancer	0.00E+00	4.67E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	6.91E-06	0.00E+00	1.16E-06	0.00E+00	3.10E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
3572	ALL	654181.2	4186172	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	6.99E-06	0.00E+00	1.17E-06	0.00E+00	3.13E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3573	ALL	654203.6	4186182	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	7.07E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3574	ALL	654226	4186193	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.16E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3575	ALL	654248.4	4186203	NonCancer	0.00E+00	4.88E-07	0.00E+00	3.24E-08	3.24E-08	3.24E-08	7.24E-06	0.00E+00	1.22E-06	0.00E+00	3.24E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3576	ALL	654270.8	4186213	NonCancer	0.00E+00	4.94E-07	0.00E+00	3.28E-08	3.28E-08	3.28E-08	7.33E-06	0.00E+00	1.23E-06	0.00E+00	3.28E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3577	ALL	654293.2	4186224	NonCancer	0.00E+00	5.01E-07	0.00E+00	3.32E-08	3.32E-08	3.32E-08	7.42E-06	0.00E+00	1.25E-06	0.00E+00	3.32E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
3578	ALL	654315.5	4186234	NonCancer	0.00E+00	5.07E-07	0.00E+00	3.36E-08	3.36E-08	3.36E-08	7.51E-06	0.00E+00	1.26E-06	0.00E+00	3.36E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
3579	ALL	654337.9	4186244	NonCancer	0.00E+00	5.14E-07	0.00E+00	3.41E-08	3.41E-08	3.41E-08	7.60E-06	0.00E+00	1.28E-06	0.00E+00	3.41E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
3580	ALL	654360.3	4186254	NonCancer	0.00E+00	5.21E-07	0.00E+00	3.45E-08	3.45E-08	3.45E-08	7.69E-06	0.00E+00	1.30E-06	0.00E+00	3.45E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
3581	ALL	654382.7	4186265	NonCancer	0.00E+00	5.28E-07	0.00E+00	3.50E-08	3.50E-08	3.50E-08	7.78E-06	0.00E+00	1.31E-06	0.00E+00	3.50E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
3582	ALL	654405.1	4186275	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	7.86E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.05E-05	0.00E+00	0.00E+00	2.05E-05
3583	ALL	654427.5	4186285	NonCancer	0.00E+00	5.42E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	7.93E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3584	ALL	654449.9	4186296	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	7.99E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3585	ALL	654472.3	4186306	NonCancer	0.00E+00	5.53E-07	0.00E+00	3.67E-08	3.67E-08	3.67E-08	8.04E-06	0.00E+00	1.38E-06	0.00E+00	3.67E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3586	ALL	654494.6	4186316	NonCancer	0.00E+00	5.56E-07	0.00E+00	3.69E-08	3.69E-08	3.69E-08	8.07E-06	0.00E+00	1.38E-06	0.00E+00	3.69E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3587	ALL	654517	4186326	NonCancer	0.00E+00	5.58E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.09E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3588	ALL	654539.4	4186337	NonCancer	0.00E+00	5.58E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.10E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3589	ALL	654561.8	4186347	NonCancer	0.00E+00	5.57E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.09E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3590	ALL	654584.2	4186357	NonCancer	0.00E+00	5.55E-07	0.00E+00	3.68E-08	3.68E-08	3.68E-08	8.07E-06	0.00E+00	1.38E-06	0.00E+00	3.68E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3591	ALL	654606.6	4186367	NonCancer	0.00E+00	5.52E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.04E-06	0.00E+00	1.37E-06	0.00E+00	3.66E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3592	ALL	654629	4186378	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.64E-08	3.64E-08	3.64E-08	8.01E-06	0.00E+00	1.36E-06	0.00E+00	3.64E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3593	ALL	654651.4	4186388	NonCancer	0.00E+00	5.45E-07	0.00E+00	3.61E-08	3.61E-08	3.61E-08	7.98E-06	0.00E+00	1.36E-06	0.00E+00	3.61E-08	2.09E-05	0.00E+00	0.00E+00	2.09E-05
3594	ALL	654673.8	4186398	NonCancer	0.00E+00	5.41E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	7.96E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3595	ALL	654696.1	4186409	NonCancer	0.00E+00	5.37E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	7.94E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
3596	ALL	654718.5	4186419	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	7.92E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3597	ALL	654740.9	4186429	NonCancer	0.00E+00	5.33E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	7.92E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3598	ALL	654763.3	4186439	NonCancer	0.00E+00	5.33E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	7.93E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3599	ALL	654785.7	4186450	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	7.95E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05

3600	ALL	654808.1	4186460	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	7.99E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
3601	ALL	654830.5	4186470	NonCancer	0.00E+00	5.42E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	8.03E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.09E-05	0.00E+00	0.00E+00	2.09E-05
3602	ALL	654852.9	4186481	NonCancer	0.00E+00	5.46E-07	0.00E+00	3.62E-08	3.62E-08	3.62E-08	8.08E-06	0.00E+00	1.36E-06	0.00E+00	3.62E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3603	ALL	654875.2	4186491	NonCancer	0.00E+00	5.52E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.13E-06	0.00E+00	1.37E-06	0.00E+00	3.66E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3604	ALL	654897.6	4186501	NonCancer	0.00E+00	5.57E-07	0.00E+00	3.69E-08	3.69E-08	3.69E-08	8.19E-06	0.00E+00	1.39E-06	0.00E+00	3.69E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3605	ALL	654920	4186511	NonCancer	0.00E+00	5.62E-07	0.00E+00	3.73E-08	3.73E-08	3.73E-08	8.24E-06	0.00E+00	1.40E-06	0.00E+00	3.73E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
3606	ALL	654942.4	4186522	NonCancer	0.00E+00	5.66E-07	0.00E+00	3.76E-08	3.76E-08	3.76E-08	8.29E-06	0.00E+00	1.41E-06	0.00E+00	3.76E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
3607	ALL	654964.8	4186532	NonCancer	0.00E+00	5.71E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.34E-06	0.00E+00	1.42E-06	0.00E+00	3.79E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
3608	ALL	654987.2	4186542	NonCancer	0.00E+00	5.75E-07	0.00E+00	3.81E-08	3.81E-08	3.81E-08	8.38E-06	0.00E+00	1.43E-06	0.00E+00	3.81E-08	2.20E-05	0.00E+00	0.00E+00	2.20E-05
3609	ALL	655009.6	4186553	NonCancer	0.00E+00	5.78E-07	0.00E+00	3.84E-08	3.84E-08	3.84E-08	8.42E-06	0.00E+00	1.44E-06	0.00E+00	3.84E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
3610	ALL	655032	4186563	NonCancer	0.00E+00	5.81E-07	0.00E+00	3.86E-08	3.86E-08	3.86E-08	8.45E-06	0.00E+00	1.45E-06	0.00E+00	3.86E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3611	ALL	655054.4	4186573	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	8.47E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3612	ALL	655076.7	4186583	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.48E-06	0.00E+00	1.45E-06	0.00E+00	3.88E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3613	ALL	655099.1	4186594	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.48E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3614	ALL	655121.5	4186604	NonCancer	0.00E+00	5.84E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.48E-06	0.00E+00	1.45E-06	0.00E+00	3.88E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3615	ALL	655143.9	4186614	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	8.47E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3616	ALL	655166.3	4186624	NonCancer	0.00E+00	5.82E-07	0.00E+00	3.86E-08	3.86E-08	3.86E-08	8.46E-06	0.00E+00	1.45E-06	0.00E+00	3.86E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3617	ALL	655196.7	4186658	NonCancer	0.00E+00	5.89E-07	0.00E+00	3.91E-08	3.91E-08	3.91E-08	8.56E-06	0.00E+00	1.47E-06	0.00E+00	3.91E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
3618	ALL	655204.8	4186681	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	8.68E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
3619	ALL	655212.8	4186705	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	8.80E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
3620	ALL	655220.9	4186728	NonCancer	0.00E+00	6.15E-07	0.00E+00	4.08E-08	4.08E-08	4.08E-08	8.92E-06	0.00E+00	1.53E-06	0.00E+00	4.08E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
3621	ALL	655228.9	4186751	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.03E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
3622	ALL	655237	4186774	NonCancer	0.00E+00	6.31E-07	0.00E+00	4.18E-08	4.18E-08	4.18E-08	9.15E-06	0.00E+00	1.57E-06	0.00E+00	4.18E-08	2.41E-05	0.00E+00	0.00E+00	2.41E-05
3623	ALL	655245	4186798	NonCancer	0.00E+00	6.38E-07	0.00E+00	4.23E-08	4.23E-08	4.23E-08	9.26E-06	0.00E+00	1.59E-06	0.00E+00	4.23E-08	2.44E-05	0.00E+00	0.00E+00	2.44E-05
3624	ALL	655253.1	4186821	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.28E-08	4.28E-08	4.28E-08	9.37E-06	0.00E+00	1.61E-06	0.00E+00	4.28E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
3625	ALL	655261.1	4186844	NonCancer	0.00E+00	6.52E-07	0.00E+00	4.33E-08	4.33E-08	4.33E-08	9.47E-06	0.00E+00	1.62E-06	0.00E+00	4.33E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
3626	ALL	655269.2	4186868	NonCancer	0.00E+00	6.59E-07	0.00E+00	4.37E-08	4.37E-08	4.37E-08	9.58E-06	0.00E+00	1.64E-06	0.00E+00	4.37E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3627	ALL	655277.3	4186891	NonCancer	0.00E+00	6.66E-07	0.00E+00	4.42E-08	4.42E-08	4.42E-08	9.68E-06	0.00E+00	1.66E-06	0.00E+00	4.42E-08	2.55E-05	0.00E+00	0.00E+00	2.55E-05
3628	ALL	655285.3	4186914	NonCancer	0.00E+00	6.73E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.78E-06	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.58E-05	0.00E+00	0.00E+00	2.58E-05
3629	ALL	655293.4	4186937	NonCancer	0.00E+00	6.80E-07	0.00E+00	4.51E-08	4.51E-08	4.51E-08	9.87E-06	0.00E+00	1.69E-06	0.00E+00	4.51E-08	2.60E-05	0.00E+00	0.00E+00	2.60E-05
3630	ALL	655301.4	4186961	NonCancer	0.00E+00	6.87E-07	0.00E+00	4.55E-08	4.55E-08	4.55E-08	9.96E-06	0.00E+00	1.71E-06	0.00E+00	4.55E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3631	ALL	655309.5	4186984	NonCancer	0.00E+00	6.93E-07	0.00E+00	4.60E-08	4.60E-08	4.60E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.60E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3632	ALL	655317.5	4187007	NonCancer	0.00E+00	6.99E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3633	ALL	655325.6	4187031	NonCancer	0.00E+00	7.04E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.02E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3634	ALL	655333.6	4187054	NonCancer	0.00E+00	7.09E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.03E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3635	ALL	655341.7	4187077	NonCancer	0.00E+00	7.13E-07	0.00E+00	4.73E-08	4.73E-08	4.73E-08	1.03E-05	0.00E+00	1.77E-06	0.00E+00	4.73E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3636	ALL	655349.7	4187100	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.04E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3637	ALL	655357.8	4187124	NonCancer	0.00E+00	7.20E-07	0.00E+00	4.78E-08	4.78E-08	4.78E-08	1.04E-05	0.00E+00	1.79E-06	0.00E+00	4.78E-08	2.75E-05	0.00E+00	0.00E+00	2.75E-05
3638	ALL	655365.8	4187147	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.80E-08	4.80E-08	4.80E-08	1.04E-05	0.00E+00	1.80E-06	0.00E+00	4.80E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3639	ALL	655373.9	4187170	NonCancer	0.00E+00	7.26E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
3640	ALL	655381.9	4187194	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3641	ALL	655390	4187217	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3642	ALL	655398	4187240	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3643	ALL	655406.1	4187263	NonCancer	0.00E+00	7.27E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3644	ALL	655414.1	4187287	NonCancer	0.00E+00	7.24E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.81E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
3645	ALL	655422.2	4187310	NonCancer	0.00E+00	7.22E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3646	ALL	655430.2	4187333	NonCancer	0.00E+00	7.19E-07	0.00E+00	4.77E-08	4.77E-08	4.77E-08	1.04E-05	0.00E+00	1.79E-06	0.00E+00	4.77E-08	2.75E-05	0.00E+00	0.00E+00	2.75E-05
3647	ALL	655438.3	4187356	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.04E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3648	ALL	655446.3	4187380	NonCancer	0.00E+00	7.13E-07	0.00E+00	4.73E-08	4.73E-08	4.73E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.73E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3649	ALL	655454.4	4187403	NonCancer	0.00E+00	7.10E-07	0.00E+00	4.71E-08	4.71E-08	4.71E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.71E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05

3650	ALL	655462.4	4187426	NonCancer	0.00E+00	7.08E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.03E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3651	ALL	655470.5	4187450	NonCancer	0.00E+00	7.06E-07	0.00E+00	4.68E-08	4.68E-08	4.68E-08	1.03E-05	0.00E+00	1.76E-06	0.00E+00	4.68E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3652	ALL	655478.5	4187473	NonCancer	0.00E+00	7.03E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.03E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.70E-05	0.00E+00	0.00E+00	2.70E-05
3653	ALL	655486.6	4187496	NonCancer	0.00E+00	7.02E-07	0.00E+00	4.66E-08	4.66E-08	4.66E-08	1.03E-05	0.00E+00	1.75E-06	0.00E+00	4.66E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3654	ALL	655494.6	4187519	NonCancer	0.00E+00	7.00E-07	0.00E+00	4.65E-08	4.65E-08	4.65E-08	1.02E-05	0.00E+00	1.74E-06	0.00E+00	4.65E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3655	ALL	655502.7	4187543	NonCancer	0.00E+00	6.99E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.02E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3656	ALL	655510.8	4187566	NonCancer	0.00E+00	6.98E-07	0.00E+00	4.63E-08	4.63E-08	4.63E-08	1.02E-05	0.00E+00	1.74E-06	0.00E+00	4.63E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3657	ALL	655518.8	4187589	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.62E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3658	ALL	655526.9	4187613	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3659	ALL	655534.9	4187636	NonCancer	0.00E+00	6.94E-07	0.00E+00	4.60E-08	4.60E-08	4.60E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.60E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3660	ALL	655543	4187659	NonCancer	0.00E+00	6.91E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
3661	ALL	655551	4187682	NonCancer	0.00E+00	6.88E-07	0.00E+00	4.56E-08	4.56E-08	4.56E-08	9.95E-06	0.00E+00	1.71E-06	0.00E+00	4.56E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3662	ALL	655559.1	4187706	NonCancer	0.00E+00	6.84E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	9.88E-06	0.00E+00	1.70E-06	0.00E+00	4.54E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3663	ALL	655567.1	4187729	NonCancer	0.00E+00	6.79E-07	0.00E+00	4.50E-08	4.50E-08	4.50E-08	9.81E-06	0.00E+00	1.69E-06	0.00E+00	4.50E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3664	ALL	655575.2	4187752	NonCancer	0.00E+00	6.73E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.72E-06	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.57E-05	0.00E+00	0.00E+00	2.57E-05
3665	ALL	655583.2	4187776	NonCancer	0.00E+00	6.65E-07	0.00E+00	4.41E-08	4.41E-08	4.41E-08	9.63E-06	0.00E+00	1.66E-06	0.00E+00	4.41E-08	2.54E-05	0.00E+00	0.00E+00	2.54E-05
3666	ALL	655591.3	4187799	NonCancer	0.00E+00	6.58E-07	0.00E+00	4.36E-08	4.36E-08	4.36E-08	9.53E-06	0.00E+00	1.64E-06	0.00E+00	4.36E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3667	ALL	655599.3	4187822	NonCancer	0.00E+00	6.49E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	9.43E-06	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.48E-05	0.00E+00	0.00E+00	2.48E-05
3668	ALL	655607.4	4187845	NonCancer	0.00E+00	6.40E-07	0.00E+00	4.25E-08	4.25E-08	4.25E-08	9.32E-06	0.00E+00	1.59E-06	0.00E+00	4.25E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
3669	ALL	655615.4	4187869	NonCancer	0.00E+00	6.31E-07	0.00E+00	4.19E-08	4.19E-08	4.19E-08	9.21E-06	0.00E+00	1.57E-06	0.00E+00	4.19E-08	2.42E-05	0.00E+00	0.00E+00	2.42E-05
3670	ALL	655623.5	4187892	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.10E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
3671	ALL	655631.5	4187915	NonCancer	0.00E+00	6.14E-07	0.00E+00	4.07E-08	4.07E-08	4.07E-08	8.99E-06	0.00E+00	1.53E-06	0.00E+00	4.07E-08	2.36E-05	0.00E+00	0.00E+00	2.36E-05
3672	ALL	655639.6	4187939	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	8.89E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
3673	ALL	655647.6	4187962	NonCancer	0.00E+00	5.99E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	8.78E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
3674	ALL	655655.7	4187985	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.68E-06	0.00E+00	1.47E-06	0.00E+00	3.93E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
3675	ALL	653867.8	4186028	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.63E-06	0.00E+00	9.31E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3676	ALL	653843	4186028	NonCancer	0.00E+00	3.70E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.58E-06	0.00E+00	9.21E-07	0.00E+00	2.45E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3677	ALL	653818.2	4186027	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.53E-06	0.00E+00	9.13E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3678	ALL	653793.4	4186026	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.49E-06	0.00E+00	9.05E-07	0.00E+00	2.41E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3679	ALL	653768.7	4186026	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.46E-06	0.00E+00	8.98E-07	0.00E+00	2.39E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3680	ALL	653743.9	4186025	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.44E-06	0.00E+00	8.93E-07	0.00E+00	2.37E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3681	ALL	653903.5	4185539	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.88E-06	0.00E+00	6.41E-07	0.00E+00	1.71E-08	9.97E-06	0.00E+00	0.00E+00	9.97E-06
3682	ALL	653925.9	4185549	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.94E-06	0.00E+00	6.51E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
3683	ALL	653948.2	4185559	NonCancer	0.00E+00	2.65E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.99E-06	0.00E+00	6.61E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
3684	ALL	653970.6	4185570	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.05E-06	0.00E+00	6.71E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3685	ALL	653993	4185580	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.11E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3686	ALL	654015.4	4185590	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.18E-06	0.00E+00	6.94E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3687	ALL	654037.7	4185600	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.24E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3688	ALL	654060.1	4185611	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.30E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3689	ALL	654082.5	4185621	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.36E-06	0.00E+00	7.30E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3690	ALL	654104.8	4185631	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.42E-06	0.00E+00	7.42E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
3691	ALL	654127.2	4185641	NonCancer	0.00E+00	3.02E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.48E-06	0.00E+00	7.53E-07	0.00E+00	2.01E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
3692	ALL	654149.6	4185652	NonCancer	0.00E+00	3.07E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.54E-06	0.00E+00	7.63E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
3693	ALL	654172	4185662	NonCancer	0.00E+00	3.10E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.59E-06	0.00E+00	7.73E-07	0.00E+00	2.06E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
3694	ALL	654194.3	4185672	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.63E-06	0.00E+00	7.80E-07	0.00E+00	2.08E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
3695	ALL	654216.7	4185683	NonCancer	0.00E+00	3.16E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.68E-06	0.00E+00	7.87E-07	0.00E+00	2.10E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
3696	ALL	654239.1	4185693	NonCancer	0.00E+00	3.19E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.72E-06	0.00E+00	7.93E-07	0.00E+00	2.11E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
3697	ALL	654261.5	4185703	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.76E-06	0.00E+00	7.99E-07	0.00E+00	2.13E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
3698	ALL	654283.8	4185713	NonCancer	0.00E+00	3.23E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.80E-06	0.00E+00	8.05E-07	0.00E+00	2.14E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3699	ALL	654306.2	4185724	NonCancer	0.00E+00	3.26E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.85E-06	0.00E+00	8.11E-07	0.00E+00	2.16E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05

3700	ALL	654328.6	4185734	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.89E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
3701	ALL	654350.9	4185744	NonCancer	0.00E+00	3.32E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	4.94E-06	0.00E+00	8.26E-07	0.00E+00	2.20E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
3702	ALL	654373.3	4185754	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	4.98E-06	0.00E+00	8.34E-07	0.00E+00	2.22E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3703	ALL	654395.7	4185765	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.03E-06	0.00E+00	8.43E-07	0.00E+00	2.24E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3704	ALL	654418.1	4185775	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.08E-06	0.00E+00	8.51E-07	0.00E+00	2.27E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3705	ALL	654440.4	4185785	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.13E-06	0.00E+00	8.60E-07	0.00E+00	2.29E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3706	ALL	654462.8	4185796	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.18E-06	0.00E+00	8.69E-07	0.00E+00	2.31E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3707	ALL	654485.2	4185806	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.23E-06	0.00E+00	8.77E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3708	ALL	654507.5	4185816	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.28E-06	0.00E+00	8.86E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3709	ALL	654529.9	4185826	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.33E-06	0.00E+00	8.96E-07	0.00E+00	2.39E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3710	ALL	654552.3	4185837	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.38E-06	0.00E+00	9.06E-07	0.00E+00	2.41E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3711	ALL	654574.7	4185847	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.43E-06	0.00E+00	9.16E-07	0.00E+00	2.44E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3712	ALL	654597	4185857	NonCancer	0.00E+00	3.72E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.47E-06	0.00E+00	9.26E-07	0.00E+00	2.47E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3713	ALL	654619.4	4185867	NonCancer	0.00E+00	3.76E-07	0.00E+00	2.49E-08	2.49E-08	2.49E-08	5.51E-06	0.00E+00	9.35E-07	0.00E+00	2.49E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3714	ALL	654641.8	4185878	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.51E-08	2.51E-08	2.51E-08	5.54E-06	0.00E+00	9.43E-07	0.00E+00	2.51E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3715	ALL	654664.2	4185888	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.57E-06	0.00E+00	9.50E-07	0.00E+00	2.53E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3716	ALL	654686.5	4185898	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.59E-06	0.00E+00	9.54E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3717	ALL	654708.9	4185909	NonCancer	0.00E+00	3.84E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.60E-06	0.00E+00	9.57E-07	0.00E+00	2.55E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3718	ALL	654731.3	4185919	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.60E-06	0.00E+00	9.57E-07	0.00E+00	2.55E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3719	ALL	654753.6	4185929	NonCancer	0.00E+00	3.84E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.60E-06	0.00E+00	9.56E-07	0.00E+00	2.55E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3720	ALL	654776	4185939	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.59E-06	0.00E+00	9.53E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3721	ALL	654798.4	4185950	NonCancer	0.00E+00	3.81E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.57E-06	0.00E+00	9.49E-07	0.00E+00	2.53E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3722	ALL	654820.8	4185960	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.55E-06	0.00E+00	9.45E-07	0.00E+00	2.52E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3723	ALL	654843.1	4185970	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.53E-06	0.00E+00	9.39E-07	0.00E+00	2.50E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3724	ALL	654865.5	4185980	NonCancer	0.00E+00	3.75E-07	0.00E+00	2.49E-08	2.49E-08	2.49E-08	5.51E-06	0.00E+00	9.34E-07	0.00E+00	2.49E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3725	ALL	654887.9	4185991	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.49E-06	0.00E+00	9.29E-07	0.00E+00	2.47E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3726	ALL	654910.2	4186001	NonCancer	0.00E+00	3.71E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.47E-06	0.00E+00	9.23E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3727	ALL	654932.6	4186011	NonCancer	0.00E+00	3.69E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.46E-06	0.00E+00	9.18E-07	0.00E+00	2.45E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3728	ALL	654955	4186021	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.44E-06	0.00E+00	9.14E-07	0.00E+00	2.43E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3729	ALL	654977.4	4186032	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.44E-06	0.00E+00	9.10E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3730	ALL	654999.7	4186042	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.44E-06	0.00E+00	9.08E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3731	ALL	655022.1	4186052	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.44E-06	0.00E+00	9.07E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3732	ALL	655044.5	4186063	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.45E-06	0.00E+00	9.09E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3733	ALL	655066.9	4186073	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.47E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3734	ALL	655089.2	4186083	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.49E-06	0.00E+00	9.17E-07	0.00E+00	2.44E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3735	ALL	655111.6	4186093	NonCancer	0.00E+00	3.70E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.51E-06	0.00E+00	9.23E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3736	ALL	655134	4186104	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.54E-06	0.00E+00	9.30E-07	0.00E+00	2.48E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3737	ALL	655156.3	4186114	NonCancer	0.00E+00	3.76E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.57E-06	0.00E+00	9.37E-07	0.00E+00	2.50E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3738	ALL	655178.7	4186124	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.61E-06	0.00E+00	9.45E-07	0.00E+00	2.52E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3739	ALL	655201.1	4186134	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.64E-06	0.00E+00	9.52E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3740	ALL	655223.5	4186145	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.67E-06	0.00E+00	9.58E-07	0.00E+00	2.55E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
3741	ALL	655245.8	4186155	NonCancer	0.00E+00	3.88E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.70E-06	0.00E+00	9.65E-07	0.00E+00	2.57E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
3742	ALL	655268.2	4186165	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.73E-06	0.00E+00	9.71E-07	0.00E+00	2.59E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
3743	ALL	655290.6	4186176	NonCancer	0.00E+00	3.92E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	5.75E-06	0.00E+00	9.76E-07	0.00E+00	2.60E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
3744	ALL	655312.9	4186186	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.78E-06	0.00E+00	9.82E-07	0.00E+00	2.62E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
3745	ALL	655335.3	4186196	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.80E-06	0.00E+00	9.87E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
3746	ALL	655357.7	4186206	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	5.81E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3747	ALL	655380.1	4186217	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.83E-06	0.00E+00	9.94E-07	0.00E+00	2.65E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3748	ALL	655402.4	4186227	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.84E-06	0.00E+00	9.97E-07	0.00E+00	2.66E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3749	ALL	655424.8	4186237	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.84E-06	0.00E+00	9.98E-07	0.00E+00	2.66E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05

3750	ALL	655447.2	4186247	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.85E-06	0.00E+00	9.97E-07	0.00E+00	2.66E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3751	ALL	655469.5	4186258	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.84E-06	0.00E+00	9.96E-07	0.00E+00	2.66E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3752	ALL	655491.9	4186268	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.84E-06	0.00E+00	9.95E-07	0.00E+00	2.65E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3753	ALL	655514.3	4186278	NonCancer	0.00E+00	3.99E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.83E-06	0.00E+00	9.93E-07	0.00E+00	2.65E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3754	ALL	655536.7	4186289	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	5.82E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3755	ALL	655567.1	4186322	NonCancer	0.00E+00	4.02E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	5.88E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3756	ALL	655575.1	4186345	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	5.94E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
3757	ALL	655583.2	4186369	NonCancer	0.00E+00	4.11E-07	0.00E+00	2.73E-08	2.73E-08	2.73E-08	6.00E-06	0.00E+00	1.02E-06	0.00E+00	2.73E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
3758	ALL	655591.2	4186392	NonCancer	0.00E+00	4.16E-07	0.00E+00	2.76E-08	2.76E-08	2.76E-08	6.07E-06	0.00E+00	1.04E-06	0.00E+00	2.76E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
3759	ALL	655599.3	4186415	NonCancer	0.00E+00	4.21E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.13E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.61E-05	0.00E+00	0.00E+00	1.61E-05
3760	ALL	655607.3	4186438	NonCancer	0.00E+00	4.25E-07	0.00E+00	2.82E-08	2.82E-08	2.82E-08	6.20E-06	0.00E+00	1.06E-06	0.00E+00	2.82E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
3761	ALL	655615.4	4186462	NonCancer	0.00E+00	4.29E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.26E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
3762	ALL	655623.4	4186485	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.32E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
3763	ALL	655631.5	4186508	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.38E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
3764	ALL	655639.5	4186531	NonCancer	0.00E+00	4.41E-07	0.00E+00	2.93E-08	2.93E-08	2.93E-08	6.44E-06	0.00E+00	1.10E-06	0.00E+00	2.93E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3765	ALL	655647.5	4186555	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.50E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3766	ALL	655655.6	4186578	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.55E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
3767	ALL	655663.6	4186601	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.61E-06	0.00E+00	1.12E-06	0.00E+00	3.00E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
3768	ALL	655671.7	4186625	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.02E-08	3.02E-08	3.02E-08	6.66E-06	0.00E+00	1.13E-06	0.00E+00	3.02E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3769	ALL	655679.7	4186648	NonCancer	0.00E+00	4.59E-07	0.00E+00	3.05E-08	3.05E-08	3.05E-08	6.72E-06	0.00E+00	1.14E-06	0.00E+00	3.05E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3770	ALL	655687.8	4186671	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.77E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3771	ALL	655695.8	4186694	NonCancer	0.00E+00	4.67E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	6.82E-06	0.00E+00	1.16E-06	0.00E+00	3.10E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3772	ALL	655703.9	4186718	NonCancer	0.00E+00	4.71E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	6.87E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3773	ALL	655711.9	4186741	NonCancer	0.00E+00	4.74E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	6.92E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3774	ALL	655720	4186764	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	6.96E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3775	ALL	655728	4186787	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.00E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3776	ALL	655736	4186811	NonCancer	0.00E+00	4.83E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.04E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
3777	ALL	655744.1	4186834	NonCancer	0.00E+00	4.85E-07	0.00E+00	3.22E-08	3.22E-08	3.22E-08	7.07E-06	0.00E+00	1.21E-06	0.00E+00	3.22E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3778	ALL	655752.1	4186857	NonCancer	0.00E+00	4.87E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.10E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3779	ALL	655760.2	4186880	NonCancer	0.00E+00	4.89E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.12E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3780	ALL	655768.2	4186904	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.15E-06	0.00E+00	1.22E-06	0.00E+00	3.26E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3781	ALL	655776.3	4186927	NonCancer	0.00E+00	4.94E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.17E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3782	ALL	655784.3	4186950	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.19E-06	0.00E+00	1.23E-06	0.00E+00	3.29E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3783	ALL	655792.4	4186974	NonCancer	0.00E+00	4.97E-07	0.00E+00	3.30E-08	3.30E-08	3.30E-08	7.20E-06	0.00E+00	1.24E-06	0.00E+00	3.30E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3784	ALL	655800.4	4186997	NonCancer	0.00E+00	4.98E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3785	ALL	655808.5	4187020	NonCancer	0.00E+00	4.99E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3786	ALL	655816.5	4187043	NonCancer	0.00E+00	4.99E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.23E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3787	ALL	655824.6	4187067	NonCancer	0.00E+00	4.98E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3788	ALL	655832.6	4187090	NonCancer	0.00E+00	4.97E-07	0.00E+00	3.30E-08	3.30E-08	3.30E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.30E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3789	ALL	655840.6	4187113	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.21E-06	0.00E+00	1.23E-06	0.00E+00	3.29E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3790	ALL	655848.7	4187136	NonCancer	0.00E+00	4.94E-07	0.00E+00	3.28E-08	3.28E-08	3.28E-08	7.20E-06	0.00E+00	1.23E-06	0.00E+00	3.28E-08	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3791	ALL	655856.7	4187160	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.18E-06	0.00E+00	1.22E-06	0.00E+00	3.26E-08	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3792	ALL	655864.8	4187183	NonCancer	0.00E+00	4.90E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.17E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3793	ALL	655872.8	4187206	NonCancer	0.00E+00	4.88E-07	0.00E+00	3.24E-08	3.24E-08	3.24E-08	7.15E-06	0.00E+00	1.22E-06	0.00E+00	3.24E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3794	ALL	655880.9	4187229	NonCancer	0.00E+00	4.87E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.14E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3795	ALL	655888.9	4187253	NonCancer	0.00E+00	4.85E-07	0.00E+00	3.22E-08	3.22E-08	3.22E-08	7.12E-06	0.00E+00	1.21E-06	0.00E+00	3.22E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3796	ALL	655897	4187276	NonCancer	0.00E+00	4.84E-07	0.00E+00	3.21E-08	3.21E-08	3.21E-08	7.11E-06	0.00E+00	1.21E-06	0.00E+00	3.21E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3797	ALL	655905	4187299	NonCancer	0.00E+00	4.83E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.09E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3798	ALL	655913.1	4187323	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.08E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
3799	ALL	655921.1	4187346	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.06E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05

3800	ALL	655929.2	4187369	NonCancer	0.00E+00	4.80E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.05E-06	0.00E+00	1.19E-06	0.00E+00	3.18E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3801	ALL	655937.2	4187392	NonCancer	0.00E+00	4.79E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.03E-06	0.00E+00	1.19E-06	0.00E+00	3.18E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3802	ALL	655945.2	4187416	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.02E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3803	ALL	655953.3	4187439	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.01E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3804	ALL	655961.3	4187462	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	6.99E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3805	ALL	655969.4	4187485	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	6.98E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3806	ALL	655977.4	4187509	NonCancer	0.00E+00	4.76E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	6.96E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3807	ALL	655985.5	4187532	NonCancer	0.00E+00	4.76E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	6.94E-06	0.00E+00	1.18E-06	0.00E+00	3.16E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3808	ALL	655993.5	4187555	NonCancer	0.00E+00	4.75E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	6.92E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3809	ALL	656001.6	4187578	NonCancer	0.00E+00	4.74E-07	0.00E+00	3.14E-08	3.14E-08	3.14E-08	6.90E-06	0.00E+00	1.18E-06	0.00E+00	3.14E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3810	ALL	656009.6	4187602	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	6.87E-06	0.00E+00	1.18E-06	0.00E+00	3.13E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3811	ALL	656017.7	4187625	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	6.84E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
3812	ALL	656025.7	4187648	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	6.80E-06	0.00E+00	1.16E-06	0.00E+00	3.11E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3813	ALL	656033.8	4187671	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.09E-08	3.09E-08	3.09E-08	6.76E-06	0.00E+00	1.16E-06	0.00E+00	3.09E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3814	ALL	656041.8	4187695	NonCancer	0.00E+00	4.62E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.71E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
3815	ALL	656049.8	4187718	NonCancer	0.00E+00	4.58E-07	0.00E+00	3.04E-08	3.04E-08	3.04E-08	6.66E-06	0.00E+00	1.14E-06	0.00E+00	3.04E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3816	ALL	656057.9	4187741	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.61E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
3817	ALL	656065.9	4187765	NonCancer	0.00E+00	4.50E-07	0.00E+00	2.98E-08	2.98E-08	2.98E-08	6.55E-06	0.00E+00	1.12E-06	0.00E+00	2.98E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
3818	ALL	656074	4187788	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.49E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3819	ALL	656082	4187811	NonCancer	0.00E+00	4.40E-07	0.00E+00	2.92E-08	2.92E-08	2.92E-08	6.43E-06	0.00E+00	1.09E-06	0.00E+00	2.92E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3820	ALL	656090.1	4187834	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.37E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
3821	ALL	656098.1	4187858	NonCancer	0.00E+00	4.30E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.31E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
3822	ALL	656106.2	4187881	NonCancer	0.00E+00	4.25E-07	0.00E+00	2.82E-08	2.82E-08	2.82E-08	6.24E-06	0.00E+00	1.06E-06	0.00E+00	2.82E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
3823	ALL	656114.2	4187904	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.18E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
3824	ALL	656122.3	4187927	NonCancer	0.00E+00	4.16E-07	0.00E+00	2.76E-08	2.76E-08	2.76E-08	6.12E-06	0.00E+00	1.03E-06	0.00E+00	2.76E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
3825	ALL	656130.3	4187951	NonCancer	0.00E+00	4.11E-07	0.00E+00	2.73E-08	2.73E-08	2.73E-08	6.07E-06	0.00E+00	1.02E-06	0.00E+00	2.73E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
3826	ALL	656138.3	4187974	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.01E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
3827	ALL	656146.4	4187997	NonCancer	0.00E+00	4.04E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	5.96E-06	0.00E+00	1.00E-06	0.00E+00	2.68E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
3828	ALL	656154.4	4188020	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.90E-06	0.00E+00	9.96E-07	0.00E+00	2.65E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3829	ALL	653881.1	4185528	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.83E-06	0.00E+00	6.32E-07	0.00E+00	1.68E-08	9.83E-06	0.00E+00	0.00E+00	9.83E-06
3830	ALL	653856.4	4185528	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.80E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.75E-06	0.00E+00	0.00E+00	9.75E-06
3831	ALL	653831.6	4185527	NonCancer	0.00E+00	2.50E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.77E-06	0.00E+00	6.22E-07	0.00E+00	1.66E-08	9.68E-06	0.00E+00	0.00E+00	9.68E-06
3832	ALL	653806.8	4185526	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.75E-06	0.00E+00	6.18E-07	0.00E+00	1.64E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
3833	ALL	653782	4185526	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.73E-06	0.00E+00	6.13E-07	0.00E+00	1.63E-08	9.55E-06	0.00E+00	0.00E+00	9.55E-06
3834	ALL	653757.2	4185525	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.72E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.50E-06	0.00E+00	0.00E+00	9.50E-06
3835	ALL	653916.8	4185039	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.84E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.29E-06	0.00E+00	0.00E+00	7.29E-06
3836	ALL	653939.2	4185049	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.75E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
3837	ALL	653961.6	4185059	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.91E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
3838	ALL	653983.9	4185070	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
3839	ALL	654006.3	4185080	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.98E-06	0.00E+00	4.93E-07	0.00E+00	1.31E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
3840	ALL	654028.7	4185090	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.02E-06	0.00E+00	4.99E-07	0.00E+00	1.33E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
3841	ALL	654051	4185100	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.05E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.86E-06	0.00E+00	0.00E+00	7.86E-06
3842	ALL	654073.4	4185111	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.09E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.97E-06	0.00E+00	0.00E+00	7.97E-06
3843	ALL	654095.7	4185121	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.13E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.08E-06	0.00E+00	0.00E+00	8.08E-06
3844	ALL	654118.1	4185131	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.17E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
3845	ALL	654140.5	4185142	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.21E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
3846	ALL	654162.8	4185152	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.25E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
3847	ALL	654185.2	4185162	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.29E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
3848	ALL	654207.5	4185172	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.32E-06	0.00E+00	5.58E-07	0.00E+00	1.49E-08	8.63E-06	0.00E+00	0.00E+00	8.63E-06
3849	ALL	654229.9	4185183	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.36E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06

3850	ALL	654252.3	4185193	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.39E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
3851	ALL	654274.6	4185203	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
3852	ALL	654297	4185213	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.45E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	8.96E-06	0.00E+00	0.00E+00	8.96E-06
3853	ALL	654319.4	4185224	NonCancer	0.00E+00	2.34E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.47E-06	0.00E+00	5.83E-07	0.00E+00	1.55E-08	9.02E-06	0.00E+00	0.00E+00	9.02E-06
3854	ALL	654341.7	4185234	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.50E-06	0.00E+00	5.87E-07	0.00E+00	1.56E-08	9.08E-06	0.00E+00	0.00E+00	9.08E-06
3855	ALL	654364.1	4185244	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.52E-06	0.00E+00	5.90E-07	0.00E+00	1.57E-08	9.13E-06	0.00E+00	0.00E+00	9.13E-06
3856	ALL	654386.4	4185255	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.55E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.19E-06	0.00E+00	0.00E+00	9.19E-06
3857	ALL	654408.8	4185265	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.57E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.24E-06	0.00E+00	0.00E+00	9.24E-06
3858	ALL	654431.2	4185275	NonCancer	0.00E+00	2.41E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.60E-06	0.00E+00	6.01E-07	0.00E+00	1.60E-08	9.31E-06	0.00E+00	0.00E+00	9.31E-06
3859	ALL	654453.5	4185285	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.62E-06	0.00E+00	6.05E-07	0.00E+00	1.61E-08	9.38E-06	0.00E+00	0.00E+00	9.38E-06
3860	ALL	654475.9	4185296	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.65E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.45E-06	0.00E+00	0.00E+00	9.45E-06
3861	ALL	654498.2	4185306	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.68E-06	0.00E+00	6.15E-07	0.00E+00	1.64E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
3862	ALL	654520.6	4185316	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.71E-06	0.00E+00	6.20E-07	0.00E+00	1.65E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
3863	ALL	654543	4185326	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.74E-06	0.00E+00	6.26E-07	0.00E+00	1.67E-08	9.69E-06	0.00E+00	0.00E+00	9.69E-06
3864	ALL	654565.3	4185337	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.77E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.77E-06	0.00E+00	0.00E+00	9.77E-06
3865	ALL	654587.7	4185347	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.80E-06	0.00E+00	6.36E-07	0.00E+00	1.69E-08	9.85E-06	0.00E+00	0.00E+00	9.85E-06
3866	ALL	654610.1	4185357	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.83E-06	0.00E+00	6.42E-07	0.00E+00	1.71E-08	9.93E-06	0.00E+00	0.00E+00	9.93E-06
3867	ALL	654632.4	4185367	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.87E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
3868	ALL	654654.8	4185378	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.90E-06	0.00E+00	6.52E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
3869	ALL	654677.1	4185388	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.93E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
3870	ALL	654699.5	4185398	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.96E-06	0.00E+00	6.64E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
3871	ALL	654721.9	4185409	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.99E-06	0.00E+00	6.70E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3872	ALL	654744.2	4185419	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3873	ALL	654766.6	4185429	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3874	ALL	654788.9	4185439	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.08E-06	0.00E+00	6.90E-07	0.00E+00	1.84E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3875	ALL	654811.3	4185450	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.10E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3876	ALL	654833.7	4185460	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.12E-06	0.00E+00	7.00E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3877	ALL	654856	4185470	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.13E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3878	ALL	654878.4	4185480	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.15E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3879	ALL	654900.8	4185491	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3880	ALL	654923.1	4185501	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3881	ALL	654945.5	4185511	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.07E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3882	ALL	654967.8	4185521	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.15E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3883	ALL	654990.2	4185532	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3884	ALL	655012.6	4185542	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.13E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3885	ALL	655034.9	4185552	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.12E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3886	ALL	655057.3	4185563	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.10E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3887	ALL	655079.6	4185573	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.09E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3888	ALL	655102	4185583	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.07E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3889	ALL	655124.4	4185593	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.06E-06	0.00E+00	6.85E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3890	ALL	655146.7	4185604	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.05E-06	0.00E+00	6.81E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3891	ALL	655169.1	4185614	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.03E-06	0.00E+00	6.78E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3892	ALL	655191.5	4185624	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3893	ALL	655213.8	4185634	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.02E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3894	ALL	655236.2	4185645	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.01E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3895	ALL	655258.5	4185655	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.01E-06	0.00E+00	6.68E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3896	ALL	655280.9	4185665	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.01E-06	0.00E+00	6.67E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3897	ALL	655303.3	4185675	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.02E-06	0.00E+00	6.68E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3898	ALL	655325.6	4185686	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.03E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3899	ALL	655348	4185696	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.04E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05

3900	ALL	655370.4	4185706	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.05E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3901	ALL	655392.7	4185717	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.07E-06	0.00E+00	6.80E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3902	ALL	655415.1	4185727	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.09E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3903	ALL	655437.4	4185737	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.11E-06	0.00E+00	6.89E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3904	ALL	655459.8	4185747	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.13E-06	0.00E+00	6.94E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3905	ALL	655482.2	4185758	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.15E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3906	ALL	655504.5	4185768	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.17E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3907	ALL	655526.9	4185778	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.19E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3908	ALL	655549.2	4185788	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.21E-06	0.00E+00	7.11E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
3909	ALL	655571.6	4185799	NonCancer	0.00E+00	2.87E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.23E-06	0.00E+00	7.14E-07	0.00E+00	1.90E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
3910	ALL	655594	4185809	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.24E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3911	ALL	655616.3	4185819	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.26E-06	0.00E+00	7.21E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3912	ALL	655638.7	4185829	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.28E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
3913	ALL	655661.1	4185840	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.29E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
3914	ALL	655683.4	4185850	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.30E-06	0.00E+00	7.31E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3915	ALL	655705.8	4185860	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.31E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3916	ALL	655728.1	4185871	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3917	ALL	655750.5	4185881	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3918	ALL	655772.9	4185891	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3919	ALL	655795.2	4185901	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3920	ALL	655817.6	4185912	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3921	ALL	655839.9	4185922	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.32E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3922	ALL	655862.3	4185932	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.31E-06	0.00E+00	7.32E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3923	ALL	655884.7	4185942	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.31E-06	0.00E+00	7.31E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3924	ALL	655907	4185953	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.30E-06	0.00E+00	7.29E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3925	ALL	655937.4	4185986	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.33E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3926	ALL	655945.5	4186009	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.37E-06	0.00E+00	7.42E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
3927	ALL	655953.5	4186033	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.41E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
3928	ALL	655961.6	4186056	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.02E-08	2.02E-08	2.02E-08	4.45E-06	0.00E+00	7.57E-07	0.00E+00	2.02E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
3929	ALL	655969.6	4186079	NonCancer	0.00E+00	3.07E-07	0.00E+00	2.04E-08	2.04E-08	2.04E-08	4.49E-06	0.00E+00	7.64E-07	0.00E+00	2.04E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
3930	ALL	655977.6	4186102	NonCancer	0.00E+00	3.10E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.53E-06	0.00E+00	7.71E-07	0.00E+00	2.06E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
3931	ALL	655985.7	4186126	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.57E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
3932	ALL	655993.7	4186149	NonCancer	0.00E+00	3.15E-07	0.00E+00	2.09E-08	2.09E-08	2.09E-08	4.61E-06	0.00E+00	7.84E-07	0.00E+00	2.09E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
3933	ALL	656001.8	4186172	NonCancer	0.00E+00	3.18E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.65E-06	0.00E+00	7.91E-07	0.00E+00	2.11E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
3934	ALL	656009.8	4186195	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.68E-06	0.00E+00	7.96E-07	0.00E+00	2.12E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
3935	ALL	656017.9	4186219	NonCancer	0.00E+00	3.22E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.72E-06	0.00E+00	8.02E-07	0.00E+00	2.14E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
3936	ALL	656025.9	4186242	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.75E-06	0.00E+00	8.08E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3937	ALL	656033.9	4186265	NonCancer	0.00E+00	3.27E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.79E-06	0.00E+00	8.13E-07	0.00E+00	2.17E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3938	ALL	656042	4186288	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.82E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
3939	ALL	656050	4186312	NonCancer	0.00E+00	3.31E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	4.86E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
3940	ALL	656058.1	4186335	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	4.89E-06	0.00E+00	8.29E-07	0.00E+00	2.21E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
3941	ALL	656066.1	4186358	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	4.93E-06	0.00E+00	8.34E-07	0.00E+00	2.22E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3942	ALL	656074.2	4186382	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	4.96E-06	0.00E+00	8.40E-07	0.00E+00	2.24E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3943	ALL	656082.2	4186405	NonCancer	0.00E+00	3.40E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	4.99E-06	0.00E+00	8.46E-07	0.00E+00	2.26E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3944	ALL	656090.2	4186428	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.03E-06	0.00E+00	8.53E-07	0.00E+00	2.27E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3945	ALL	656098.3	4186451	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.06E-06	0.00E+00	8.59E-07	0.00E+00	2.29E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3946	ALL	656106.3	4186475	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.09E-06	0.00E+00	8.65E-07	0.00E+00	2.30E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3947	ALL	656114.4	4186498	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.12E-06	0.00E+00	8.70E-07	0.00E+00	2.32E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3948	ALL	656122.4	4186521	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.14E-06	0.00E+00	8.75E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3949	ALL	656130.4	4186544	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.17E-06	0.00E+00	8.79E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05

3950	ALL	656138.5	4186568	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.19E-06	0.00E+00	8.83E-07	0.00E+00	2.35E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3951	ALL	656146.5	4186591	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.21E-06	0.00E+00	8.86E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3952	ALL	656154.6	4186614	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.23E-06	0.00E+00	8.89E-07	0.00E+00	2.37E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3953	ALL	656162.6	4186637	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.25E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3954	ALL	656170.7	4186661	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.26E-06	0.00E+00	8.96E-07	0.00E+00	2.39E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3955	ALL	656178.7	4186684	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.40E-08	2.40E-08	2.40E-08	5.28E-06	0.00E+00	8.99E-07	0.00E+00	2.40E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3956	ALL	656186.7	4186707	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.29E-06	0.00E+00	9.03E-07	0.00E+00	2.41E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3957	ALL	656194.8	4186730	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.31E-06	0.00E+00	9.06E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3958	ALL	656202.8	4186754	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.32E-06	0.00E+00	9.09E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3959	ALL	656210.9	4186777	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.33E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3960	ALL	656218.9	4186800	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.14E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3961	ALL	656227	4186823	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.15E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3962	ALL	656235	4186847	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.15E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3963	ALL	656243	4186870	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.15E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3964	ALL	656251.1	4186893	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.34E-06	0.00E+00	9.13E-07	0.00E+00	2.43E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3965	ALL	656259.1	4186916	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.33E-06	0.00E+00	9.11E-07	0.00E+00	2.43E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3966	ALL	656267.2	4186940	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.33E-06	0.00E+00	9.08E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3967	ALL	656275.2	4186963	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.32E-06	0.00E+00	9.05E-07	0.00E+00	2.41E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3968	ALL	656283.3	4186986	NonCancer	0.00E+00	3.62E-07	0.00E+00	2.40E-08	2.40E-08	2.40E-08	5.31E-06	0.00E+00	9.01E-07	0.00E+00	2.40E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3969	ALL	656291.3	4187009	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.30E-06	0.00E+00	8.98E-07	0.00E+00	2.39E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3970	ALL	656299.3	4187033	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.29E-06	0.00E+00	8.96E-07	0.00E+00	2.39E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3971	ALL	656307.4	4187056	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.28E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3972	ALL	656315.4	4187079	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.27E-06	0.00E+00	8.91E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3973	ALL	656323.5	4187102	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.26E-06	0.00E+00	8.89E-07	0.00E+00	2.37E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3974	ALL	656331.5	4187126	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.25E-06	0.00E+00	8.87E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3975	ALL	656339.5	4187149	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.24E-06	0.00E+00	8.85E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3976	ALL	656347.6	4187172	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.23E-06	0.00E+00	8.83E-07	0.00E+00	2.35E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3977	ALL	656355.6	4187195	NonCancer	0.00E+00	3.54E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.22E-06	0.00E+00	8.81E-07	0.00E+00	2.35E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3978	ALL	656363.7	4187219	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.21E-06	0.00E+00	8.79E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3979	ALL	656371.7	4187242	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.20E-06	0.00E+00	8.78E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3980	ALL	656379.8	4187265	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.19E-06	0.00E+00	8.76E-07	0.00E+00	2.34E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3981	ALL	656387.8	4187288	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.18E-06	0.00E+00	8.75E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3982	ALL	656395.8	4187312	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.18E-06	0.00E+00	8.75E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3983	ALL	656403.9	4187335	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.17E-06	0.00E+00	8.74E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3984	ALL	656411.9	4187358	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.16E-06	0.00E+00	8.73E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3985	ALL	656420	4187381	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.15E-06	0.00E+00	8.73E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3986	ALL	656428	4187405	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.15E-06	0.00E+00	8.73E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3987	ALL	656436.1	4187428	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.14E-06	0.00E+00	8.72E-07	0.00E+00	2.32E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3988	ALL	656444.1	4187451	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.13E-06	0.00E+00	8.71E-07	0.00E+00	2.32E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3989	ALL	656452.1	4187474	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.11E-06	0.00E+00	8.70E-07	0.00E+00	2.32E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3990	ALL	656460.2	4187498	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.10E-06	0.00E+00	8.68E-07	0.00E+00	2.31E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3991	ALL	656468.2	4187521	NonCancer	0.00E+00	3.48E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.08E-06	0.00E+00	8.66E-07	0.00E+00	2.31E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3992	ALL	656476.3	4187544	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.06E-06	0.00E+00	8.64E-07	0.00E+00	2.30E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3993	ALL	656484.3	4187567	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.04E-06	0.00E+00	8.61E-07	0.00E+00	2.30E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3994	ALL	656492.3	4187591	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.02E-06	0.00E+00	8.58E-07	0.00E+00	2.29E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3995	ALL	656500.4	4187614	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	4.99E-06	0.00E+00	8.53E-07	0.00E+00	2.28E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3996	ALL	656508.4	4187637	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	4.97E-06	0.00E+00	8.49E-07	0.00E+00	2.26E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3997	ALL	656516.5	4187661	NonCancer	0.00E+00	3.39E-07	0.00E+00	2.25E-08	2.25E-08	2.25E-08	4.94E-06	0.00E+00	8.43E-07	0.00E+00	2.25E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3998	ALL	656524.5	4187684	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	4.90E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3999	ALL	656532.6	4187707	NonCancer	0.00E+00	3.34E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	4.87E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05

4000	ALL	656540.6	4187730	NonCancer	0.00E+00	3.31E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	4.83E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4001	ALL	656548.6	4187754	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.79E-06	0.00E+00	8.16E-07	0.00E+00	2.17E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4002	ALL	656556.7	4187777	NonCancer	0.00E+00	3.25E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.76E-06	0.00E+00	8.08E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
4003	ALL	656564.7	4187800	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.72E-06	0.00E+00	8.00E-07	0.00E+00	2.13E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
4004	ALL	656572.8	4187823	NonCancer	0.00E+00	3.18E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.68E-06	0.00E+00	7.92E-07	0.00E+00	2.11E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
4005	ALL	656580.8	4187847	NonCancer	0.00E+00	3.15E-07	0.00E+00	2.09E-08	2.09E-08	2.09E-08	4.64E-06	0.00E+00	7.84E-07	0.00E+00	2.09E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
4006	ALL	656588.9	4187870	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.60E-06	0.00E+00	7.77E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4007	ALL	656596.9	4187893	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.56E-06	0.00E+00	7.69E-07	0.00E+00	2.05E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4008	ALL	656604.9	4187916	NonCancer	0.00E+00	3.06E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.52E-06	0.00E+00	7.62E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4009	ALL	656613	4187940	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.49E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4010	ALL	656621	4187963	NonCancer	0.00E+00	3.01E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.45E-06	0.00E+00	7.49E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4011	ALL	656629.1	4187986	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.42E-06	0.00E+00	7.43E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4012	ALL	656637.1	4188009	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.38E-06	0.00E+00	7.37E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4013	ALL	656645.2	4188033	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.35E-06	0.00E+00	7.32E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4014	ALL	656653.2	4188056	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.32E-06	0.00E+00	7.27E-07	0.00E+00	1.94E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4015	ALL	653894.5	4185029	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.81E-06	0.00E+00	4.64E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
4016	ALL	653869.7	4185028	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.79E-06	0.00E+00	4.60E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
4017	ALL	653844.9	4185027	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.77E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4018	ALL	653820.1	4185027	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.76E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4019	ALL	653795.4	4185026	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.75E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4020	ALL	653770.6	4185025	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.74E-06	0.00E+00	4.49E-07	0.00E+00	1.19E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
4021	ALL	653930.2	4184539	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.60E-09	9.60E-09	9.60E-09	2.18E-06	0.00E+00	3.61E-07	0.00E+00	9.60E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
4022	ALL	653952.5	4184549	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.70E-09	9.70E-09	9.70E-09	2.21E-06	0.00E+00	3.65E-07	0.00E+00	9.70E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
4023	ALL	653974.9	4184560	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.80E-09	9.80E-09	9.80E-09	2.23E-06	0.00E+00	3.68E-07	0.00E+00	9.80E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
4024	ALL	653997.3	4184570	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.91E-09	9.91E-09	9.91E-09	2.25E-06	0.00E+00	3.72E-07	0.00E+00	9.91E-09	5.78E-06	0.00E+00	0.00E+00	5.78E-06
4025	ALL	654019.6	4184580	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.28E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
4026	ALL	654042	4184590	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.30E-06	0.00E+00	3.80E-07	0.00E+00	1.01E-08	5.91E-06	0.00E+00	0.00E+00	5.91E-06
4027	ALL	654064.3	4184601	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.85E-07	0.00E+00	1.02E-08	5.98E-06	0.00E+00	0.00E+00	5.98E-06
4028	ALL	654086.7	4184611	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.35E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.05E-06	0.00E+00	0.00E+00	6.05E-06
4029	ALL	654109	4184621	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.38E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.12E-06	0.00E+00	0.00E+00	6.12E-06
4030	ALL	654131.4	4184631	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.40E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.19E-06	0.00E+00	0.00E+00	6.19E-06
4031	ALL	654153.7	4184642	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.43E-06	0.00E+00	4.04E-07	0.00E+00	1.07E-08	6.26E-06	0.00E+00	0.00E+00	6.26E-06
4032	ALL	654176.1	4184652	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.46E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.34E-06	0.00E+00	0.00E+00	6.34E-06
4033	ALL	654198.4	4184662	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.48E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.42E-06	0.00E+00	0.00E+00	6.42E-06
4034	ALL	654220.8	4184672	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
4035	ALL	654243.2	4184683	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.54E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
4036	ALL	654265.5	4184693	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.64E-06	0.00E+00	0.00E+00	6.64E-06
4037	ALL	654287.9	4184703	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.59E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
4038	ALL	654310.2	4184714	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.61E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
4039	ALL	654332.6	4184724	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.83E-06	0.00E+00	0.00E+00	6.83E-06
4040	ALL	654354.9	4184734	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
4041	ALL	654377.3	4184744	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.67E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4042	ALL	654399.6	4184755	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.68E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	6.97E-06	0.00E+00	0.00E+00	6.97E-06
4043	ALL	654422	4184765	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.70E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
4044	ALL	654444.3	4184775	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.72E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4045	ALL	654466.7	4184785	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.73E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
4046	ALL	654489	4184796	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4047	ALL	654511.4	4184806	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.76E-06	0.00E+00	4.61E-07	0.00E+00	1.23E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
4048	ALL	654533.8	4184816	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.78E-06	0.00E+00	4.64E-07	0.00E+00	1.23E-08	7.19E-06	0.00E+00	0.00E+00	7.19E-06
4049	ALL	654556.1	4184826	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.80E-06	0.00E+00	4.66E-07	0.00E+00	1.24E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06

4050	ALL	654578.5	4184837	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.81E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.28E-06	0.00E+00	0.00E+00	7.28E-06
4051	ALL	654600.8	4184847	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.83E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.33E-06	0.00E+00	0.00E+00	7.33E-06
4052	ALL	654623.2	4184857	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.85E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.38E-06	0.00E+00	0.00E+00	7.38E-06
4053	ALL	654645.5	4184868	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.87E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.43E-06	0.00E+00	0.00E+00	7.43E-06
4054	ALL	654667.9	4184878	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.89E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
4055	ALL	654690.2	4184888	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.91E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
4056	ALL	654712.6	4184898	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.93E-06	0.00E+00	4.91E-07	0.00E+00	1.31E-08	7.60E-06	0.00E+00	0.00E+00	7.60E-06
4057	ALL	654734.9	4184909	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.96E-06	0.00E+00	4.94E-07	0.00E+00	1.32E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
4058	ALL	654757.3	4184919	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.98E-06	0.00E+00	4.97E-07	0.00E+00	1.32E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4059	ALL	654779.7	4184929	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.00E-06	0.00E+00	5.01E-07	0.00E+00	1.33E-08	7.76E-06	0.00E+00	0.00E+00	7.76E-06
4060	ALL	654802	4184939	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.02E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4061	ALL	654824.4	4184950	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.04E-06	0.00E+00	5.08E-07	0.00E+00	1.35E-08	7.87E-06	0.00E+00	0.00E+00	7.87E-06
4062	ALL	654846.7	4184960	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.06E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.93E-06	0.00E+00	0.00E+00	7.93E-06
4063	ALL	654869.1	4184970	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.08E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	7.99E-06	0.00E+00	0.00E+00	7.99E-06
4064	ALL	654891.4	4184980	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.10E-06	0.00E+00	5.20E-07	0.00E+00	1.39E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
4065	ALL	654913.8	4184991	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.12E-06	0.00E+00	5.25E-07	0.00E+00	1.40E-08	8.12E-06	0.00E+00	0.00E+00	8.12E-06
4066	ALL	654936.1	4185001	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.14E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
4067	ALL	654958.5	4185011	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.16E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4068	ALL	654980.8	4185021	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4069	ALL	655003.2	4185032	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4070	ALL	655025.6	4185042	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.21E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
4071	ALL	655047.9	4185052	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.22E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4072	ALL	655070.3	4185063	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4073	ALL	655092.6	4185073	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.23E-06	0.00E+00	5.50E-07	0.00E+00	1.47E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4074	ALL	655115	4185083	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.23E-06	0.00E+00	5.50E-07	0.00E+00	1.47E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
4075	ALL	655137.3	4185093	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.50E-07	0.00E+00	1.46E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4076	ALL	655159.7	4185104	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4077	ALL	655182	4185114	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4078	ALL	655204.4	4185124	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.22E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
4079	ALL	655226.7	4185134	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.21E-06	0.00E+00	5.43E-07	0.00E+00	1.45E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4080	ALL	655249.1	4185145	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4081	ALL	655271.4	4185155	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4082	ALL	655293.8	4185165	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
4083	ALL	655316.2	4185175	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.17E-06	0.00E+00	5.35E-07	0.00E+00	1.42E-08	8.26E-06	0.00E+00	0.00E+00	8.26E-06
4084	ALL	655338.5	4185186	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.16E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4085	ALL	655360.9	4185196	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.15E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4086	ALL	655383.2	4185206	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.14E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
4087	ALL	655405.6	4185216	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.13E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.13E-06	0.00E+00	0.00E+00	8.13E-06
4088	ALL	655427.9	4185227	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.12E-06	0.00E+00	5.24E-07	0.00E+00	1.39E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
4089	ALL	655450.3	4185237	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.12E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.07E-06	0.00E+00	0.00E+00	8.07E-06
4090	ALL	655472.6	4185247	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.11E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4091	ALL	655495	4185258	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.11E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.03E-06	0.00E+00	0.00E+00	8.03E-06
4092	ALL	655517.3	4185268	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.11E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4093	ALL	655539.7	4185278	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.11E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4094	ALL	655562.1	4185288	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.11E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4095	ALL	655584.4	4185299	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.12E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.03E-06	0.00E+00	0.00E+00	8.03E-06
4096	ALL	655606.8	4185309	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.12E-06	0.00E+00	5.19E-07	0.00E+00	1.38E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4097	ALL	655629.1	4185319	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.13E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.08E-06	0.00E+00	0.00E+00	8.08E-06
4098	ALL	655651.5	4185329	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.14E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.12E-06	0.00E+00	0.00E+00	8.12E-06
4099	ALL	655673.8	4185340	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.16E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.16E-06	0.00E+00	0.00E+00	8.16E-06

4100	ALL	655696.2	4185350	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.17E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4101	ALL	655718.5	4185360	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.18E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4102	ALL	655740.9	4185370	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.20E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
4103	ALL	655763.2	4185381	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.34E-06	0.00E+00	0.00E+00	8.34E-06
4104	ALL	655785.6	4185391	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.23E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4105	ALL	655808	4185401	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.24E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4106	ALL	655830.3	4185411	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.25E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4107	ALL	655852.7	4185422	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.26E-06	0.00E+00	5.50E-07	0.00E+00	1.47E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
4108	ALL	655875	4185432	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.28E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
4109	ALL	655897.4	4185442	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.29E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
4110	ALL	655919.7	4185453	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.30E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
4111	ALL	655942.1	4185463	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.31E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.64E-06	0.00E+00	0.00E+00	8.64E-06
4112	ALL	655964.4	4185473	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.67E-06	0.00E+00	0.00E+00	8.67E-06
4113	ALL	655986.8	4185483	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.33E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.70E-06	0.00E+00	0.00E+00	8.70E-06
4114	ALL	656009.1	4185494	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.34E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4115	ALL	656031.5	4185504	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.35E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4116	ALL	656053.9	4185514	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.35E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4117	ALL	656076.2	4185524	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
4118	ALL	656098.6	4185535	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4119	ALL	656120.9	4185545	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4120	ALL	656143.3	4185555	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
4121	ALL	656165.6	4185565	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4122	ALL	656188	4185576	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.36E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4123	ALL	656210.3	4185586	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.35E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4124	ALL	656232.7	4185596	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.35E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4125	ALL	656255	4185606	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.34E-06	0.00E+00	5.65E-07	0.00E+00	1.51E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4126	ALL	656277.4	4185617	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.34E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
4127	ALL	656307.8	4185650	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4128	ALL	656315.8	4185674	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.39E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.85E-06	0.00E+00	0.00E+00	8.85E-06
4129	ALL	656323.9	4185697	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.41E-06	0.00E+00	5.78E-07	0.00E+00	1.54E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
4130	ALL	656331.9	4185720	NonCancer	0.00E+00	2.34E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.44E-06	0.00E+00	5.83E-07	0.00E+00	1.55E-08	8.99E-06	0.00E+00	0.00E+00	8.99E-06
4131	ALL	656339.9	4185743	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.46E-06	0.00E+00	5.88E-07	0.00E+00	1.57E-08	9.07E-06	0.00E+00	0.00E+00	9.07E-06
4132	ALL	656348	4185766	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.49E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.14E-06	0.00E+00	0.00E+00	9.14E-06
4133	ALL	656356	4185790	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.52E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
4134	ALL	656364.1	4185813	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.54E-06	0.00E+00	6.02E-07	0.00E+00	1.60E-08	9.28E-06	0.00E+00	0.00E+00	9.28E-06
4135	ALL	656372.1	4185836	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.57E-06	0.00E+00	6.06E-07	0.00E+00	1.61E-08	9.34E-06	0.00E+00	0.00E+00	9.34E-06
4136	ALL	656380.1	4185859	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.59E-06	0.00E+00	6.10E-07	0.00E+00	1.63E-08	9.41E-06	0.00E+00	0.00E+00	9.41E-06
4137	ALL	656388.2	4185883	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.62E-06	0.00E+00	6.14E-07	0.00E+00	1.64E-08	9.47E-06	0.00E+00	0.00E+00	9.47E-06
4138	ALL	656396.2	4185906	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.64E-06	0.00E+00	6.18E-07	0.00E+00	1.65E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
4139	ALL	656404.3	4185929	NonCancer	0.00E+00	2.50E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.66E-06	0.00E+00	6.21E-07	0.00E+00	1.66E-08	9.58E-06	0.00E+00	0.00E+00	9.58E-06
4140	ALL	656412.3	4185952	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.69E-06	0.00E+00	6.25E-07	0.00E+00	1.66E-08	9.64E-06	0.00E+00	0.00E+00	9.64E-06
4141	ALL	656420.3	4185976	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.71E-06	0.00E+00	6.28E-07	0.00E+00	1.67E-08	9.69E-06	0.00E+00	0.00E+00	9.69E-06
4142	ALL	656428.4	4185999	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.73E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.75E-06	0.00E+00	0.00E+00	9.75E-06
4143	ALL	656436.4	4186022	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.75E-06	0.00E+00	6.35E-07	0.00E+00	1.69E-08	9.80E-06	0.00E+00	0.00E+00	9.80E-06
4144	ALL	656444.5	4186045	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.78E-06	0.00E+00	6.38E-07	0.00E+00	1.70E-08	9.86E-06	0.00E+00	0.00E+00	9.86E-06
4145	ALL	656452.5	4186069	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.80E-06	0.00E+00	6.42E-07	0.00E+00	1.71E-08	9.91E-06	0.00E+00	0.00E+00	9.91E-06
4146	ALL	656460.5	4186092	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.82E-06	0.00E+00	6.46E-07	0.00E+00	1.72E-08	9.97E-06	0.00E+00	0.00E+00	9.97E-06
4147	ALL	656468.6	4186115	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.84E-06	0.00E+00	6.50E-07	0.00E+00	1.73E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
4148	ALL	656476.6	4186138	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.87E-06	0.00E+00	6.54E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4149	ALL	656484.7	4186162	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.89E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05

4150	ALL	656492.7	4186185	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.91E-06	0.00E+00	6.62E-07	0.00E+00	1.76E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4151	ALL	656500.7	4186208	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	3.93E-06	0.00E+00	6.66E-07	0.00E+00	1.78E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4152	ALL	656508.8	4186231	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.95E-06	0.00E+00	6.70E-07	0.00E+00	1.79E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4153	ALL	656516.8	4186255	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.97E-06	0.00E+00	6.74E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4154	ALL	656524.9	4186278	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4155	ALL	656532.9	4186301	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.01E-06	0.00E+00	6.80E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4156	ALL	656540.9	4186324	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.02E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4157	ALL	656549	4186348	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.04E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4158	ALL	656557	4186371	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.05E-06	0.00E+00	6.86E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4159	ALL	656565.1	4186394	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.06E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4160	ALL	656573.1	4186417	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.07E-06	0.00E+00	6.90E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4161	ALL	656581.1	4186441	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.08E-06	0.00E+00	6.93E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4162	ALL	656589.2	4186464	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.09E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4163	ALL	656597.2	4186487	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.10E-06	0.00E+00	6.97E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4164	ALL	656605.3	4186510	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.11E-06	0.00E+00	7.00E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4165	ALL	656613.3	4186534	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.12E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4166	ALL	656621.3	4186557	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.13E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4167	ALL	656629.4	4186580	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4168	ALL	656637.4	4186603	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.14E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4169	ALL	656645.5	4186627	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4170	ALL	656653.5	4186650	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4171	ALL	656661.5	4186673	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4172	ALL	656669.6	4186696	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.14E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4173	ALL	656677.6	4186720	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4174	ALL	656685.6	4186743	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4175	ALL	656693.7	4186766	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.13E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4176	ALL	656701.7	4186789	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.12E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4177	ALL	656709.8	4186813	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.12E-06	0.00E+00	6.97E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4178	ALL	656717.8	4186836	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.11E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4179	ALL	656725.8	4186859	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.10E-06	0.00E+00	6.93E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4180	ALL	656733.9	4186882	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.09E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4181	ALL	656741.9	4186906	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.09E-06	0.00E+00	6.90E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4182	ALL	656750	4186929	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.08E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4183	ALL	656758	4186952	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.07E-06	0.00E+00	6.87E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4184	ALL	656766	4186975	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.07E-06	0.00E+00	6.86E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4185	ALL	656774.1	4186999	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.06E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4186	ALL	656782.1	4187022	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4187	ALL	656790.2	4187045	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4188	ALL	656798.2	4187068	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.04E-06	0.00E+00	6.80E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4189	ALL	656806.2	4187092	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.03E-06	0.00E+00	6.79E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4190	ALL	656814.3	4187115	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.03E-06	0.00E+00	6.78E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4191	ALL	656822.3	4187138	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4192	ALL	656830.4	4187161	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4193	ALL	656838.4	4187185	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.01E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4194	ALL	656846.4	4187208	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.01E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4195	ALL	656854.5	4187231	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.00E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4196	ALL	656862.5	4187254	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.00E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4197	ALL	656870.6	4187278	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4198	ALL	656878.6	4187301	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4199	ALL	656886.6	4187324	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.74E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05

4200	ALL	656894.7	4187347	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.98E-06	0.00E+00	6.74E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4201	ALL	656902.7	4187371	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.97E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4202	ALL	656910.8	4187394	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.96E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4203	ALL	656918.8	4187417	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.96E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4204	ALL	656926.8	4187440	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.95E-06	0.00E+00	6.71E-07	0.00E+00	1.79E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4205	ALL	656934.9	4187464	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	3.94E-06	0.00E+00	6.69E-07	0.00E+00	1.78E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4206	ALL	656942.9	4187487	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	3.92E-06	0.00E+00	6.68E-07	0.00E+00	1.78E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4207	ALL	656951	4187510	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.91E-06	0.00E+00	6.66E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4208	ALL	656959	4187533	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.89E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4209	ALL	656967	4187557	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.88E-06	0.00E+00	6.61E-07	0.00E+00	1.76E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4210	ALL	656975.1	4187580	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.86E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4211	ALL	656983.1	4187603	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.84E-06	0.00E+00	6.54E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4212	ALL	656991.2	4187626	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.81E-06	0.00E+00	6.50E-07	0.00E+00	1.73E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
4213	ALL	656999.2	4187649	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.79E-06	0.00E+00	6.46E-07	0.00E+00	1.72E-08	9.95E-06	0.00E+00	0.00E+00	9.95E-06
4214	ALL	657007.2	4187673	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.77E-06	0.00E+00	6.41E-07	0.00E+00	1.71E-08	9.88E-06	0.00E+00	0.00E+00	9.88E-06
4215	ALL	657015.3	4187696	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.74E-06	0.00E+00	6.36E-07	0.00E+00	1.70E-08	9.81E-06	0.00E+00	0.00E+00	9.81E-06
4216	ALL	657023.3	4187719	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.72E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
4217	ALL	657031.4	4187742	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.69E-06	0.00E+00	6.26E-07	0.00E+00	1.67E-08	9.66E-06	0.00E+00	0.00E+00	9.66E-06
4218	ALL	657039.4	4187766	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.66E-06	0.00E+00	6.21E-07	0.00E+00	1.65E-08	9.58E-06	0.00E+00	0.00E+00	9.58E-06
4219	ALL	657047.4	4187789	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.64E-06	0.00E+00	6.15E-07	0.00E+00	1.64E-08	9.50E-06	0.00E+00	0.00E+00	9.50E-06
4220	ALL	657055.5	4187812	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.61E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.42E-06	0.00E+00	0.00E+00	9.42E-06
4221	ALL	657063.5	4187835	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.59E-06	0.00E+00	6.05E-07	0.00E+00	1.61E-08	9.34E-06	0.00E+00	0.00E+00	9.34E-06
4222	ALL	657071.5	4187859	NonCancer	0.00E+00	2.41E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.56E-06	0.00E+00	5.99E-07	0.00E+00	1.60E-08	9.26E-06	0.00E+00	0.00E+00	9.26E-06
4223	ALL	657079.6	4187882	NonCancer	0.00E+00	2.39E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.53E-06	0.00E+00	5.94E-07	0.00E+00	1.58E-08	9.19E-06	0.00E+00	0.00E+00	9.19E-06
4224	ALL	657087.6	4187905	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.51E-06	0.00E+00	5.89E-07	0.00E+00	1.57E-08	9.12E-06	0.00E+00	0.00E+00	9.12E-06
4225	ALL	657095.7	4187928	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.48E-06	0.00E+00	5.85E-07	0.00E+00	1.56E-08	9.05E-06	0.00E+00	0.00E+00	9.05E-06
4226	ALL	657103.7	4187952	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.46E-06	0.00E+00	5.80E-07	0.00E+00	1.54E-08	8.98E-06	0.00E+00	0.00E+00	8.98E-06
4227	ALL	657111.7	4187975	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.43E-06	0.00E+00	5.76E-07	0.00E+00	1.53E-08	8.91E-06	0.00E+00	0.00E+00	8.91E-06
4228	ALL	657119.8	4187998	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.41E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.85E-06	0.00E+00	0.00E+00	8.85E-06
4229	ALL	657127.8	4188021	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.39E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4230	ALL	657135.9	4188045	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.37E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4231	ALL	657143.9	4188068	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.35E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
4232	ALL	657151.9	4188091	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.33E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.65E-06	0.00E+00	0.00E+00	8.65E-06
4233	ALL	653907.8	4184529	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.16E-06	0.00E+00	3.57E-07	0.00E+00	9.51E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
4234	ALL	653883.1	4184528	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.45E-09	9.45E-09	9.45E-09	2.15E-06	0.00E+00	3.55E-07	0.00E+00	9.45E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
4235	ALL	653858.3	4184527	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.39E-09	9.39E-09	9.39E-09	2.14E-06	0.00E+00	3.53E-07	0.00E+00	9.39E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
4236	ALL	653833.5	4184527	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.34E-09	9.34E-09	9.34E-09	2.13E-06	0.00E+00	3.51E-07	0.00E+00	9.34E-09	5.46E-06	0.00E+00	0.00E+00	5.46E-06
4237	ALL	653808.7	4184526	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.28E-09	9.28E-09	9.28E-09	2.12E-06	0.00E+00	3.49E-07	0.00E+00	9.28E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
4238	ALL	653783.9	4184525	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.23E-09	9.23E-09	9.23E-09	2.12E-06	0.00E+00	3.47E-07	0.00E+00	9.23E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
4239	ALL	653943.5	4184039	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.66E-09	7.66E-09	7.66E-09	1.74E-06	0.00E+00	2.88E-07	0.00E+00	7.66E-09	4.47E-06	0.00E+00	0.00E+00	4.47E-06
4240	ALL	653965.9	4184050	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.73E-09	7.73E-09	7.73E-09	1.76E-06	0.00E+00	2.90E-07	0.00E+00	7.73E-09	4.51E-06	0.00E+00	0.00E+00	4.51E-06
4241	ALL	653988.2	4184060	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.80E-09	7.80E-09	7.80E-09	1.77E-06	0.00E+00	2.93E-07	0.00E+00	7.80E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
4242	ALL	654010.6	4184070	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.87E-09	7.87E-09	7.87E-09	1.79E-06	0.00E+00	2.96E-07	0.00E+00	7.87E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
4243	ALL	654032.9	4184080	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.95E-09	7.95E-09	7.95E-09	1.81E-06	0.00E+00	2.99E-07	0.00E+00	7.95E-09	4.64E-06	0.00E+00	0.00E+00	4.64E-06
4244	ALL	654055.3	4184091	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.82E-06	0.00E+00	3.01E-07	0.00E+00	8.02E-09	4.68E-06	0.00E+00	0.00E+00	4.68E-06
4245	ALL	654077.6	4184101	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.10E-09	8.10E-09	8.10E-09	1.84E-06	0.00E+00	3.04E-07	0.00E+00	8.10E-09	4.73E-06	0.00E+00	0.00E+00	4.73E-06
4246	ALL	654100	4184111	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.18E-09	8.18E-09	8.18E-09	1.86E-06	0.00E+00	3.08E-07	0.00E+00	8.18E-09	4.78E-06	0.00E+00	0.00E+00	4.78E-06
4247	ALL	654122.3	4184121	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.27E-09	8.27E-09	8.27E-09	1.88E-06	0.00E+00	3.11E-07	0.00E+00	8.27E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
4248	ALL	654144.7	4184132	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.36E-09	8.36E-09	8.36E-09	1.89E-06	0.00E+00	3.14E-07	0.00E+00	8.36E-09	4.87E-06	0.00E+00	0.00E+00	4.87E-06
4249	ALL	654167	4184142	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.44E-09	8.44E-09	8.44E-09	1.91E-06	0.00E+00	3.17E-07	0.00E+00	8.44E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06

4250	ALL	654189.4	4184152	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.93E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	4.98E-06	0.00E+00	0.00E+00	4.98E-06
4251	ALL	654211.7	4184162	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.63E-09	8.63E-09	8.63E-09	1.95E-06	0.00E+00	3.24E-07	0.00E+00	8.63E-09	5.03E-06	0.00E+00	0.00E+00	5.03E-06
4252	ALL	654234.1	4184173	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.72E-09	8.72E-09	8.72E-09	1.97E-06	0.00E+00	3.28E-07	0.00E+00	8.72E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
4253	ALL	654256.4	4184183	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.82E-09	8.82E-09	8.82E-09	1.99E-06	0.00E+00	3.31E-07	0.00E+00	8.82E-09	5.14E-06	0.00E+00	0.00E+00	5.14E-06
4254	ALL	654278.8	4184193	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.01E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
4255	ALL	654301.1	4184203	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.01E-09	9.01E-09	9.01E-09	2.03E-06	0.00E+00	3.39E-07	0.00E+00	9.01E-09	5.24E-06	0.00E+00	0.00E+00	5.24E-06
4256	ALL	654323.5	4184214	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.11E-09	9.11E-09	9.11E-09	2.05E-06	0.00E+00	3.42E-07	0.00E+00	9.11E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
4257	ALL	654345.8	4184224	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.20E-09	9.20E-09	9.20E-09	2.06E-06	0.00E+00	3.46E-07	0.00E+00	9.20E-09	5.35E-06	0.00E+00	0.00E+00	5.35E-06
4258	ALL	654368.2	4184234	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.08E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
4259	ALL	654390.5	4184244	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.37E-09	9.37E-09	9.37E-09	2.10E-06	0.00E+00	3.52E-07	0.00E+00	9.37E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
4260	ALL	654412.9	4184255	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.44E-09	9.44E-09	9.44E-09	2.11E-06	0.00E+00	3.55E-07	0.00E+00	9.44E-09	5.48E-06	0.00E+00	0.00E+00	5.48E-06
4261	ALL	654435.2	4184265	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.13E-06	0.00E+00	3.57E-07	0.00E+00	9.51E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
4262	ALL	654457.6	4184275	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.57E-09	9.57E-09	9.57E-09	2.14E-06	0.00E+00	3.59E-07	0.00E+00	9.57E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
4263	ALL	654479.9	4184286	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.15E-06	0.00E+00	3.61E-07	0.00E+00	9.62E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
4264	ALL	654502.3	4184296	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.66E-09	9.66E-09	9.66E-09	2.16E-06	0.00E+00	3.63E-07	0.00E+00	9.66E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
4265	ALL	654524.6	4184306	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.70E-09	9.70E-09	9.70E-09	2.17E-06	0.00E+00	3.64E-07	0.00E+00	9.70E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
4266	ALL	654547	4184316	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.18E-06	0.00E+00	3.65E-07	0.00E+00	9.73E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
4267	ALL	654569.3	4184327	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.77E-09	9.77E-09	9.77E-09	2.19E-06	0.00E+00	3.67E-07	0.00E+00	9.77E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
4268	ALL	654591.7	4184337	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.80E-09	9.80E-09	9.80E-09	2.20E-06	0.00E+00	3.68E-07	0.00E+00	9.80E-09	5.70E-06	0.00E+00	0.00E+00	5.70E-06
4269	ALL	654614	4184347	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.84E-09	9.84E-09	9.84E-09	2.22E-06	0.00E+00	3.69E-07	0.00E+00	9.84E-09	5.73E-06	0.00E+00	0.00E+00	5.73E-06
4270	ALL	654636.4	4184357	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.88E-09	9.88E-09	9.88E-09	2.23E-06	0.00E+00	3.71E-07	0.00E+00	9.88E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
4271	ALL	654658.7	4184368	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.92E-09	9.92E-09	9.92E-09	2.24E-06	0.00E+00	3.73E-07	0.00E+00	9.92E-09	5.78E-06	0.00E+00	0.00E+00	5.78E-06
4272	ALL	654681.1	4184378	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.25E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.81E-06	0.00E+00	0.00E+00	5.81E-06
4273	ALL	654703.4	4184388	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.26E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
4274	ALL	654725.8	4184398	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
4275	ALL	654748.1	4184409	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.29E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.92E-06	0.00E+00	0.00E+00	5.92E-06
4276	ALL	654770.4	4184419	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.30E-06	0.00E+00	3.85E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
4277	ALL	654792.8	4184429	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.32E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
4278	ALL	654815.1	4184439	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.33E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
4279	ALL	654837.5	4184450	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.35E-06	0.00E+00	3.92E-07	0.00E+00	1.05E-08	6.08E-06	0.00E+00	0.00E+00	6.08E-06
4280	ALL	654859.8	4184460	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.36E-06	0.00E+00	3.95E-07	0.00E+00	1.05E-08	6.12E-06	0.00E+00	0.00E+00	6.12E-06
4281	ALL	654882.2	4184470	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.38E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
4282	ALL	654904.5	4184480	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.39E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.19E-06	0.00E+00	0.00E+00	6.19E-06
4283	ALL	654926.9	4184491	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.41E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.22E-06	0.00E+00	0.00E+00	6.22E-06
4284	ALL	654949.2	4184501	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.42E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.26E-06	0.00E+00	0.00E+00	6.26E-06
4285	ALL	654971.6	4184511	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.44E-06	0.00E+00	4.06E-07	0.00E+00	1.08E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
4286	ALL	654993.9	4184522	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.45E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.34E-06	0.00E+00	0.00E+00	6.34E-06
4287	ALL	655016.3	4184532	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.47E-06	0.00E+00	4.12E-07	0.00E+00	1.10E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06
4288	ALL	655038.6	4184542	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.48E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4289	ALL	655061	4184552	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
4290	ALL	655083.3	4184563	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4291	ALL	655105.7	4184573	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
4292	ALL	655128	4184583	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.54E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
4293	ALL	655150.4	4184593	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.56E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
4294	ALL	655172.7	4184604	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.57E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
4295	ALL	655195.1	4184614	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.58E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
4296	ALL	655217.4	4184624	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.59E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
4297	ALL	655239.8	4184634	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.59E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.79E-06	0.00E+00	0.00E+00	6.79E-06
4298	ALL	655262.1	4184645	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4299	ALL	655284.5	4184655	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06

4300	ALL	655306.8	4184665	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
4301	ALL	655329.2	4184675	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
4302	ALL	655351.5	4184686	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.41E-07	0.00E+00	1.18E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4303	ALL	655373.9	4184696	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.60E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
4304	ALL	655396.2	4184706	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.60E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
4305	ALL	655418.6	4184716	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.59E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
4306	ALL	655440.9	4184727	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.58E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
4307	ALL	655463.3	4184737	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.58E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
4308	ALL	655485.6	4184747	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.57E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
4309	ALL	655508	4184758	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.56E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
4310	ALL	655530.3	4184768	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.56E-06	0.00E+00	4.30E-07	0.00E+00	1.15E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
4311	ALL	655552.7	4184778	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.55E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
4312	ALL	655575	4184788	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.54E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.61E-06	0.00E+00	0.00E+00	6.61E-06
4313	ALL	655597.4	4184799	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.58E-06	0.00E+00	0.00E+00	6.58E-06
4314	ALL	655619.7	4184809	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.52E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.56E-06	0.00E+00	0.00E+00	6.56E-06
4315	ALL	655642.1	4184819	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.52E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.54E-06	0.00E+00	0.00E+00	6.54E-06
4316	ALL	655664.4	4184829	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4317	ALL	655686.8	4184840	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
4318	ALL	655709.1	4184850	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
4319	ALL	655731.5	4184860	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.46E-06	0.00E+00	0.00E+00	6.46E-06
4320	ALL	655753.8	4184870	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.16E-07	0.00E+00	1.11E-08	6.45E-06	0.00E+00	0.00E+00	6.45E-06
4321	ALL	655776.1	4184881	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
4322	ALL	655798.5	4184891	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4323	ALL	655820.8	4184901	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4324	ALL	655843.2	4184911	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
4325	ALL	655865.5	4184922	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.15E-07	0.00E+00	1.11E-08	6.45E-06	0.00E+00	0.00E+00	6.45E-06
4326	ALL	655887.9	4184932	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
4327	ALL	655910.2	4184942	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.52E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
4328	ALL	655932.6	4184952	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.53E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4329	ALL	655954.9	4184963	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.54E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06
4330	ALL	655977.3	4184973	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.55E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
4331	ALL	655999.6	4184983	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
4332	ALL	656022	4184994	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.57E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
4333	ALL	656044.3	4185004	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
4334	ALL	656066.7	4185014	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.59E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
4335	ALL	656089	4185024	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.60E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.75E-06	0.00E+00	0.00E+00	6.75E-06
4336	ALL	656111.4	4185035	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.61E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
4337	ALL	656133.7	4185045	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.62E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4338	ALL	656156.1	4185055	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.83E-06	0.00E+00	0.00E+00	6.83E-06
4339	ALL	656178.4	4185065	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
4340	ALL	656200.8	4185076	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.64E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
4341	ALL	656223.1	4185086	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
4342	ALL	656245.5	4185096	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.66E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4343	ALL	656267.8	4185106	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.67E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06
4344	ALL	656290.2	4185117	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.67E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	6.97E-06	0.00E+00	0.00E+00	6.97E-06
4345	ALL	656312.5	4185127	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.68E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4346	ALL	656334.9	4185137	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.02E-06	0.00E+00	0.00E+00	7.02E-06
4347	ALL	656357.2	4185147	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.69E-06	0.00E+00	4.56E-07	0.00E+00	1.22E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4348	ALL	656379.6	4185158	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4349	ALL	656401.9	4185168	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06

4350	ALL	656424.3	4185178	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4351	ALL	656446.6	4185188	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.71E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
4352	ALL	656469	4185199	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.71E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4353	ALL	656491.3	4185209	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4354	ALL	656513.7	4185219	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
4355	ALL	656536	4185230	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4356	ALL	656558.4	4185240	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.70E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4357	ALL	656580.7	4185250	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.70E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4358	ALL	656603.1	4185260	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.02E-06	0.00E+00	0.00E+00	7.02E-06
4359	ALL	656625.4	4185271	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
4360	ALL	656647.8	4185281	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4361	ALL	656678.1	4185314	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.56E-07	0.00E+00	1.22E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4362	ALL	656686.2	4185338	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.72E-06	0.00E+00	4.60E-07	0.00E+00	1.22E-08	7.10E-06	0.00E+00	0.00E+00	7.10E-06
4363	ALL	656694.2	4185361	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.74E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
4364	ALL	656702.3	4185384	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.76E-06	0.00E+00	4.66E-07	0.00E+00	1.24E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
4365	ALL	656710.3	4185407	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.77E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.25E-06	0.00E+00	0.00E+00	7.25E-06
4366	ALL	656718.3	4185431	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.79E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
4367	ALL	656726.4	4185454	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.81E-06	0.00E+00	4.77E-07	0.00E+00	1.27E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
4368	ALL	656734.4	4185477	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.83E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.40E-06	0.00E+00	0.00E+00	7.40E-06
4369	ALL	656742.4	4185500	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.85E-06	0.00E+00	4.83E-07	0.00E+00	1.29E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
4370	ALL	656750.5	4185524	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.86E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
4371	ALL	656758.5	4185547	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.88E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.54E-06	0.00E+00	0.00E+00	7.54E-06
4372	ALL	656766.6	4185570	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.90E-06	0.00E+00	4.91E-07	0.00E+00	1.31E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
4373	ALL	656774.6	4185593	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.92E-06	0.00E+00	4.94E-07	0.00E+00	1.32E-08	7.62E-06	0.00E+00	0.00E+00	7.62E-06
4374	ALL	656782.6	4185616	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.93E-06	0.00E+00	4.97E-07	0.00E+00	1.32E-08	7.66E-06	0.00E+00	0.00E+00	7.66E-06
4375	ALL	656790.7	4185640	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	2.95E-06	0.00E+00	4.99E-07	0.00E+00	1.33E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4376	ALL	656798.7	4185663	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	2.96E-06	0.00E+00	5.01E-07	0.00E+00	1.34E-08	7.74E-06	0.00E+00	0.00E+00	7.74E-06
4377	ALL	656806.7	4185686	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	2.98E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.78E-06	0.00E+00	0.00E+00	7.78E-06
4378	ALL	656814.8	4185709	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.00E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4379	ALL	656822.8	4185733	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.01E-06	0.00E+00	5.08E-07	0.00E+00	1.35E-08	7.85E-06	0.00E+00	0.00E+00	7.85E-06
4380	ALL	656830.9	4185756	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.03E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.89E-06	0.00E+00	0.00E+00	7.89E-06
4381	ALL	656838.9	4185779	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.04E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.93E-06	0.00E+00	0.00E+00	7.93E-06
4382	ALL	656846.9	4185802	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.06E-06	0.00E+00	5.15E-07	0.00E+00	1.37E-08	7.97E-06	0.00E+00	0.00E+00	7.97E-06
4383	ALL	656855	4185826	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.07E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
4384	ALL	656863	4185849	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.09E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4385	ALL	656871	4185872	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.11E-06	0.00E+00	5.24E-07	0.00E+00	1.40E-08	8.09E-06	0.00E+00	0.00E+00	8.09E-06
4386	ALL	656879.1	4185895	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.12E-06	0.00E+00	5.27E-07	0.00E+00	1.40E-08	8.14E-06	0.00E+00	0.00E+00	8.14E-06
4387	ALL	656887.1	4185919	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.14E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.18E-06	0.00E+00	0.00E+00	8.18E-06
4388	ALL	656895.2	4185942	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.15E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4389	ALL	656903.2	4185965	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.17E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.27E-06	0.00E+00	0.00E+00	8.27E-06
4390	ALL	656911.2	4185988	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4391	ALL	656919.3	4186012	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4392	ALL	656927.3	4186035	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.21E-06	0.00E+00	5.43E-07	0.00E+00	1.45E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
4393	ALL	656935.3	4186058	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.22E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.41E-06	0.00E+00	0.00E+00	8.41E-06
4394	ALL	656943.4	4186081	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4395	ALL	656951.4	4186105	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.24E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4396	ALL	656959.5	4186128	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.25E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
4397	ALL	656967.5	4186151	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.26E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
4398	ALL	656975.5	4186174	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.27E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
4399	ALL	656983.6	4186198	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.27E-06	0.00E+00	5.54E-07	0.00E+00	1.47E-08	8.55E-06	0.00E+00	0.00E+00	8.55E-06

4400	ALL	656991.6	4186221	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
4401	ALL	656999.6	4186244	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.29E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.60E-06	0.00E+00	0.00E+00	8.60E-06
4402	ALL	657007.7	4186267	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.30E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
4403	ALL	657015.7	4186290	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.31E-06	0.00E+00	5.61E-07	0.00E+00	1.49E-08	8.65E-06	0.00E+00	0.00E+00	8.65E-06
4404	ALL	657023.8	4186314	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.31E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.68E-06	0.00E+00	0.00E+00	8.68E-06
4405	ALL	657031.8	4186337	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.70E-06	0.00E+00	0.00E+00	8.70E-06
4406	ALL	657039.8	4186360	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.32E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
4407	ALL	657047.9	4186383	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4408	ALL	657055.9	4186407	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.33E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4409	ALL	657063.9	4186430	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.33E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4410	ALL	657072	4186453	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.34E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4411	ALL	657080	4186476	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.34E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4412	ALL	657088.1	4186500	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.33E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4413	ALL	657096.1	4186523	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.75E-06	0.00E+00	0.00E+00	8.75E-06
4414	ALL	657104.1	4186546	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4415	ALL	657112.2	4186569	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.65E-07	0.00E+00	1.51E-08	8.71E-06	0.00E+00	0.00E+00	8.71E-06
4416	ALL	657120.2	4186593	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
4417	ALL	657128.2	4186616	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.61E-07	0.00E+00	1.50E-08	8.66E-06	0.00E+00	0.00E+00	8.66E-06
4418	ALL	657136.3	4186639	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.31E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.64E-06	0.00E+00	0.00E+00	8.64E-06
4419	ALL	657144.3	4186662	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.30E-06	0.00E+00	5.58E-07	0.00E+00	1.49E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
4420	ALL	657152.4	4186686	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.30E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.60E-06	0.00E+00	0.00E+00	8.60E-06
4421	ALL	657160.4	4186709	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.29E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
4422	ALL	657168.4	4186732	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.29E-06	0.00E+00	5.54E-07	0.00E+00	1.47E-08	8.56E-06	0.00E+00	0.00E+00	8.56E-06
4423	ALL	657176.5	4186755	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.28E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
4424	ALL	657184.5	4186779	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.28E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
4425	ALL	657192.6	4186802	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.27E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
4426	ALL	657200.6	4186825	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.27E-06	0.00E+00	5.50E-07	0.00E+00	1.46E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
4427	ALL	657208.6	4186848	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.26E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.49E-06	0.00E+00	0.00E+00	8.49E-06
4428	ALL	657216.7	4186872	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.26E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4429	ALL	657224.7	4186895	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.25E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4430	ALL	657232.7	4186918	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.25E-06	0.00E+00	5.46E-07	0.00E+00	1.45E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4431	ALL	657240.8	4186941	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.24E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4432	ALL	657248.8	4186964	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.24E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
4433	ALL	657256.9	4186988	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.23E-06	0.00E+00	5.43E-07	0.00E+00	1.45E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
4434	ALL	657264.9	4187011	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.23E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4435	ALL	657272.9	4187034	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
4436	ALL	657281	4187057	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
4437	ALL	657289	4187081	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
4438	ALL	657297	4187104	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4439	ALL	657305.1	4187127	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4440	ALL	657313.1	4187150	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4441	ALL	657321.2	4187174	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4442	ALL	657329.2	4187197	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4443	ALL	657337.2	4187220	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4444	ALL	657345.3	4187243	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4445	ALL	657353.3	4187267	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.34E-06	0.00E+00	0.00E+00	8.34E-06
4446	ALL	657361.3	4187290	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4447	ALL	657369.4	4187313	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4448	ALL	657377.4	4187336	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.18E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4449	ALL	657385.5	4187360	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.17E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06

4450	ALL	657393.5	4187383	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.17E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.29E-06	0.00E+00	0.00E+00	8.29E-06
4451	ALL	657401.5	4187406	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.16E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.27E-06	0.00E+00	0.00E+00	8.27E-06
4452	ALL	657409.6	4187429	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.15E-06	0.00E+00	5.35E-07	0.00E+00	1.43E-08	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4453	ALL	657417.6	4187453	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.14E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4454	ALL	657425.6	4187476	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.13E-06	0.00E+00	5.32E-07	0.00E+00	1.42E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4455	ALL	657433.7	4187499	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.11E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
4456	ALL	657441.7	4187522	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.10E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.14E-06	0.00E+00	0.00E+00	8.14E-06
4457	ALL	657449.8	4187546	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.09E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
4458	ALL	657457.8	4187569	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.07E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
4459	ALL	657465.8	4187592	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.06E-06	0.00E+00	5.20E-07	0.00E+00	1.39E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
4460	ALL	657473.9	4187615	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.04E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	7.97E-06	0.00E+00	0.00E+00	7.97E-06
4461	ALL	657481.9	4187638	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.02E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.91E-06	0.00E+00	0.00E+00	7.91E-06
4462	ALL	657489.9	4187662	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.00E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.86E-06	0.00E+00	0.00E+00	7.86E-06
4463	ALL	657498	4187685	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	2.99E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4464	ALL	657506	4187708	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	2.97E-06	0.00E+00	5.02E-07	0.00E+00	1.34E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
4465	ALL	657514.1	4187731	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	2.95E-06	0.00E+00	4.99E-07	0.00E+00	1.33E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4466	ALL	657522.1	4187755	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.93E-06	0.00E+00	4.95E-07	0.00E+00	1.32E-08	7.64E-06	0.00E+00	0.00E+00	7.64E-06
4467	ALL	657530.1	4187778	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.91E-06	0.00E+00	4.91E-07	0.00E+00	1.31E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
4468	ALL	657538.2	4187801	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.89E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
4469	ALL	657546.2	4187824	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.87E-06	0.00E+00	4.83E-07	0.00E+00	1.29E-08	7.47E-06	0.00E+00	0.00E+00	7.47E-06
4470	ALL	657554.2	4187848	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.85E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.42E-06	0.00E+00	0.00E+00	7.42E-06
4471	ALL	657562.3	4187871	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.83E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
4472	ALL	657570.3	4187894	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.82E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
4473	ALL	657578.4	4187917	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.80E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.26E-06	0.00E+00	0.00E+00	7.26E-06
4474	ALL	657586.4	4187941	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.78E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.21E-06	0.00E+00	0.00E+00	7.21E-06
4475	ALL	657594.4	4187964	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.76E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
4476	ALL	657602.5	4187987	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4477	ALL	657610.5	4188010	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.73E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4478	ALL	657618.5	4188034	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.71E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4479	ALL	657626.6	4188057	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.70E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4480	ALL	657634.6	4188080	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.68E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
4481	ALL	657642.7	4188103	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.67E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4482	ALL	657650.7	4188127	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.66E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
4483	ALL	653921.2	4184029	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.59E-09	7.59E-09	7.59E-09	1.73E-06	0.00E+00	2.85E-07	0.00E+00	7.59E-09	4.43E-06	0.00E+00	0.00E+00	4.43E-06
4484	ALL	653896.4	4184028	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.55E-09	7.55E-09	7.55E-09	1.72E-06	0.00E+00	2.84E-07	0.00E+00	7.55E-09	4.41E-06	0.00E+00	0.00E+00	4.41E-06
4485	ALL	653871.6	4184028	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.51E-09	7.51E-09	7.51E-09	1.71E-06	0.00E+00	2.82E-07	0.00E+00	7.51E-09	4.39E-06	0.00E+00	0.00E+00	4.39E-06
4486	ALL	653846.9	4184027	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.47E-09	7.47E-09	7.47E-09	1.71E-06	0.00E+00	2.81E-07	0.00E+00	7.47E-09	4.37E-06	0.00E+00	0.00E+00	4.37E-06
4487	ALL	653822.1	4184026	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.43E-09	7.43E-09	7.43E-09	1.70E-06	0.00E+00	2.79E-07	0.00E+00	7.43E-09	4.35E-06	0.00E+00	0.00E+00	4.35E-06
4488	ALL	653797.3	4184026	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.39E-09	7.39E-09	7.39E-09	1.69E-06	0.00E+00	2.78E-07	0.00E+00	7.39E-09	4.33E-06	0.00E+00	0.00E+00	4.33E-06
4489	ALL	653669.5	4187873	NonCancer	0.00E+00	4.32E-05	0.00E+00	2.87E-06	2.87E-06	2.87E-06	6.47E-04	0.00E+00	1.08E-04	0.00E+00	2.87E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4490	ALL	653667.7	4187915	NonCancer	0.00E+00	7.37E-05	0.00E+00	4.89E-06	4.89E-06	4.89E-06	1.13E-03	0.00E+00	1.84E-04	0.00E+00	4.89E-06	2.86E-03	0.00E+00	0.00E+00	2.86E-03
4491	ALL	653665.9	4187957	NonCancer	0.00E+00	1.35E-04	0.00E+00	8.92E-06	8.92E-06	8.92E-06	2.09E-03	0.00E+00	3.36E-04	0.00E+00	8.92E-06	5.24E-03	0.00E+00	0.00E+00	5.24E-03
4492	ALL	653652.5	4187855	NonCancer	0.00E+00	3.03E-05	0.00E+00	2.01E-06	2.01E-06	2.01E-06	4.67E-04	0.00E+00	7.55E-05	0.00E+00	2.01E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
4493	ALL	653643.6	4187893	NonCancer	0.00E+00	4.12E-05	0.00E+00	2.73E-06	2.73E-06	2.73E-06	6.34E-04	0.00E+00	1.03E-04	0.00E+00	2.73E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
4494	ALL	653641.8	4187935	NonCancer	0.00E+00	6.53E-05	0.00E+00	4.33E-06	4.33E-06	4.33E-06	1.02E-03	0.00E+00	1.63E-04	0.00E+00	4.33E-06	2.55E-03	0.00E+00	0.00E+00	2.55E-03
4495	ALL	653640	4187977	NonCancer	0.00E+00	8.56E-05	0.00E+00	5.67E-06	5.67E-06	5.67E-06	1.64E-03	0.00E+00	2.16E-04	0.00E+00	5.67E-06	3.57E-03	0.00E+00	0.00E+00	3.57E-03
4496	ALL	653627.5	4187854	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	3.79E-04	0.00E+00	6.06E-05	0.00E+00	1.61E-06	9.50E-04	0.00E+00	0.00E+00	9.50E-04
4497	ALL	653661.1	4187813	NonCancer	0.00E+00	2.29E-05	0.00E+00	1.52E-06	1.52E-06	1.52E-06	3.30E-04	0.00E+00	5.70E-05	0.00E+00	1.52E-06	8.74E-04	0.00E+00	0.00E+00	8.74E-04
4498	ALL	653618.6	4187892	NonCancer	0.00E+00	3.22E-05	0.00E+00	2.13E-06	2.13E-06	2.13E-06	4.88E-04	0.00E+00	8.02E-05	0.00E+00	2.13E-06	1.25E-03	0.00E+00	0.00E+00	1.25E-03
4499	ALL	653616.8	4187934	NonCancer	0.00E+00	4.59E-05	0.00E+00	3.05E-06	3.05E-06	3.05E-06	7.36E-04	0.00E+00	1.15E-04	0.00E+00	3.05E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03

4500	ALL	653615	4187975	NonCancer	0.00E+00	5.71E-05	0.00E+00	3.79E-06	3.79E-06	3.79E-06	1.05E-03	0.00E+00	1.44E-04	0.00E+00	3.79E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
4501	ALL	653602.5	4187853	NonCancer	0.00E+00	2.03E-05	0.00E+00	1.34E-06	1.34E-06	1.34E-06	3.10E-04	0.00E+00	5.05E-05	0.00E+00	1.34E-06	7.88E-04	0.00E+00	0.00E+00	7.88E-04
4502	ALL	653618.4	4187818	NonCancer	0.00E+00	1.75E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.73E-04	0.00E+00	4.36E-05	0.00E+00	1.16E-06	6.84E-04	0.00E+00	0.00E+00	6.84E-04
4503	ALL	653644	4187794	NonCancer	0.00E+00	1.79E-05	0.00E+00	1.18E-06	1.18E-06	1.18E-06	2.66E-04	0.00E+00	4.45E-05	0.00E+00	1.18E-06	6.88E-04	0.00E+00	0.00E+00	6.88E-04
4504	ALL	653593.7	4187891	NonCancer	0.00E+00	2.56E-05	0.00E+00	1.70E-06	1.70E-06	1.70E-06	3.93E-04	0.00E+00	6.39E-05	0.00E+00	1.70E-06	9.97E-04	0.00E+00	0.00E+00	9.97E-04
4505	ALL	653591.8	4187933	NonCancer	0.00E+00	3.42E-05	0.00E+00	2.27E-06	2.27E-06	2.27E-06	5.53E-04	0.00E+00	8.55E-05	0.00E+00	2.27E-06	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4506	ALL	653590	4187974	NonCancer	0.00E+00	4.11E-05	0.00E+00	2.73E-06	2.73E-06	2.73E-06	7.31E-04	0.00E+00	1.03E-04	0.00E+00	2.73E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4507	ALL	653552.5	4187851	NonCancer	0.00E+00	1.48E-05	0.00E+00	9.85E-07	9.85E-07	9.85E-07	2.25E-04	0.00E+00	3.70E-05	0.00E+00	9.85E-07	5.75E-04	0.00E+00	0.00E+00	5.75E-04
4508	ALL	653568.4	4187816	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.60E-07	8.60E-07	8.60E-07	1.99E-04	0.00E+00	3.23E-05	0.00E+00	8.60E-07	5.04E-04	0.00E+00	0.00E+00	5.04E-04
4509	ALL	653584.3	4187782	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.65E-07	7.65E-07	7.65E-07	1.80E-04	0.00E+00	2.88E-05	0.00E+00	7.65E-07	4.51E-04	0.00E+00	0.00E+00	4.51E-04
4510	ALL	653609.9	4187758	NonCancer	0.00E+00	1.18E-05	0.00E+00	7.80E-07	7.80E-07	7.80E-07	1.80E-04	0.00E+00	2.93E-05	0.00E+00	7.80E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
4511	ALL	653645.3	4187744	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.75E-07	8.75E-07	8.75E-07	1.89E-04	0.00E+00	3.28E-05	0.00E+00	8.75E-07	5.02E-04	0.00E+00	0.00E+00	5.02E-04
4512	ALL	653543.7	4187889	NonCancer	0.00E+00	1.73E-05	0.00E+00	1.15E-06	1.15E-06	1.15E-06	2.71E-04	0.00E+00	4.33E-05	0.00E+00	1.15E-06	6.78E-04	0.00E+00	0.00E+00	6.78E-04
4513	ALL	653541.9	4187930	NonCancer	0.00E+00	2.13E-05	0.00E+00	1.41E-06	1.41E-06	1.41E-06	3.45E-04	0.00E+00	5.33E-05	0.00E+00	1.41E-06	8.43E-04	0.00E+00	0.00E+00	8.43E-04
4514	ALL	653540.1	4187972	NonCancer	0.00E+00	2.46E-05	0.00E+00	1.63E-06	1.63E-06	1.63E-06	4.17E-04	0.00E+00	6.16E-05	0.00E+00	1.63E-06	9.86E-04	0.00E+00	0.00E+00	9.86E-04
4515	ALL	653502.6	4187848	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.40E-07	7.40E-07	7.40E-07	1.72E-04	0.00E+00	2.78E-05	0.00E+00	7.40E-07	4.35E-04	0.00E+00	0.00E+00	4.35E-04
4516	ALL	653518.5	4187814	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.80E-07	6.80E-07	6.80E-07	1.54E-04	0.00E+00	2.55E-05	0.00E+00	6.80E-07	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4517	ALL	653534.3	4187780	NonCancer	0.00E+00	9.11E-06	0.00E+00	6.04E-07	6.04E-07	6.04E-07	1.39E-04	0.00E+00	2.27E-05	0.00E+00	6.04E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
4518	ALL	653550.2	4187745	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.29E-04	0.00E+00	2.07E-05	0.00E+00	5.49E-07	3.23E-04	0.00E+00	0.00E+00	3.23E-04
4519	ALL	653575.8	4187721	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.30E-04	0.00E+00	2.09E-05	0.00E+00	5.57E-07	3.28E-04	0.00E+00	0.00E+00	3.28E-04
4520	ALL	653611.2	4187708	NonCancer	0.00E+00	9.35E-06	0.00E+00	6.20E-07	6.20E-07	6.20E-07	1.39E-04	0.00E+00	2.33E-05	0.00E+00	6.20E-07	3.61E-04	0.00E+00	0.00E+00	3.61E-04
4521	ALL	653646.7	4187694	NonCancer	0.00E+00	1.00E-05	0.00E+00	6.64E-07	6.64E-07	6.64E-07	1.41E-04	0.00E+00	2.49E-05	0.00E+00	6.64E-07	3.79E-04	0.00E+00	0.00E+00	3.79E-04
4522	ALL	653493.8	4187886	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.34E-07	8.34E-07	8.34E-07	1.97E-04	0.00E+00	3.14E-05	0.00E+00	8.34E-07	4.93E-04	0.00E+00	0.00E+00	4.93E-04
4523	ALL	653491.9	4187928	NonCancer	0.00E+00	1.47E-05	0.00E+00	9.77E-07	9.77E-07	9.77E-07	2.37E-04	0.00E+00	3.68E-05	0.00E+00	9.77E-07	5.81E-04	0.00E+00	0.00E+00	5.81E-04
4524	ALL	653490.1	4187970	NonCancer	0.00E+00	1.66E-05	0.00E+00	1.10E-06	1.10E-06	1.10E-06	2.73E-04	0.00E+00	4.14E-05	0.00E+00	1.10E-06	6.58E-04	0.00E+00	0.00E+00	6.58E-04
4525	ALL	653452.6	4187846	NonCancer	0.00E+00	8.67E-06	0.00E+00	5.75E-07	5.75E-07	5.75E-07	1.35E-04	0.00E+00	2.16E-05	0.00E+00	5.75E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
4526	ALL	653468.5	4187812	NonCancer	0.00E+00	8.21E-06	0.00E+00	5.45E-07	5.45E-07	5.45E-07	1.25E-04	0.00E+00	2.05E-05	0.00E+00	5.45E-07	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4527	ALL	653484.4	4187777	NonCancer	0.00E+00	7.53E-06	0.00E+00	5.00E-07	5.00E-07	5.00E-07	1.13E-04	0.00E+00	1.88E-05	0.00E+00	5.00E-07	2.91E-04	0.00E+00	0.00E+00	2.91E-04
4528	ALL	653500.2	4187743	NonCancer	0.00E+00	6.80E-06	0.00E+00	4.51E-07	4.51E-07	4.51E-07	1.04E-04	0.00E+00	1.70E-05	0.00E+00	4.51E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
4529	ALL	653516.1	4187709	NonCancer	0.00E+00	6.27E-06	0.00E+00	4.16E-07	4.16E-07	4.16E-07	9.70E-05	0.00E+00	1.56E-05	0.00E+00	4.16E-07	2.45E-04	0.00E+00	0.00E+00	2.45E-04
4530	ALL	653541.7	4187685	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	9.83E-05	0.00E+00	1.58E-05	0.00E+00	4.20E-07	2.47E-04	0.00E+00	0.00E+00	2.47E-04
4531	ALL	653577.2	4187671	NonCancer	0.00E+00	6.97E-06	0.00E+00	4.62E-07	4.62E-07	4.62E-07	1.06E-04	0.00E+00	1.74E-05	0.00E+00	4.62E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
4532	ALL	653612.6	4187658	NonCancer	0.00E+00	7.58E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.10E-04	0.00E+00	1.89E-05	0.00E+00	5.03E-07	2.90E-04	0.00E+00	0.00E+00	2.90E-04
4533	ALL	653648	4187645	NonCancer	0.00E+00	7.77E-06	0.00E+00	5.16E-07	5.16E-07	5.16E-07	1.09E-04	0.00E+00	1.93E-05	0.00E+00	5.16E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
4534	ALL	653443.8	4187884	NonCancer	0.00E+00	9.58E-06	0.00E+00	6.35E-07	6.35E-07	6.35E-07	1.50E-04	0.00E+00	2.39E-05	0.00E+00	6.35E-07	3.75E-04	0.00E+00	0.00E+00	3.75E-04
4535	ALL	653442	4187926	NonCancer	0.00E+00	1.09E-05	0.00E+00	7.22E-07	7.22E-07	7.22E-07	1.73E-04	0.00E+00	2.72E-05	0.00E+00	7.22E-07	4.28E-04	0.00E+00	0.00E+00	4.28E-04
4536	ALL	653440.2	4187968	NonCancer	0.00E+00	1.20E-05	0.00E+00	7.97E-07	7.97E-07	7.97E-07	1.95E-04	0.00E+00	3.00E-05	0.00E+00	7.97E-07	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4537	ALL	653403.4	4187842	NonCancer	0.00E+00	6.95E-06	0.00E+00	4.61E-07	4.61E-07	4.61E-07	1.08E-04	0.00E+00	1.74E-05	0.00E+00	4.61E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
4538	ALL	653420.7	4187805	NonCancer	0.00E+00	6.61E-06	0.00E+00	4.39E-07	4.39E-07	4.39E-07	1.01E-04	0.00E+00	1.65E-05	0.00E+00	4.39E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
4539	ALL	653438	4187767	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.11E-07	4.11E-07	4.11E-07	9.33E-05	0.00E+00	1.54E-05	0.00E+00	4.11E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
4540	ALL	653455.3	4187730	NonCancer	0.00E+00	5.62E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	8.51E-05	0.00E+00	1.40E-05	0.00E+00	3.73E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
4541	ALL	653472.6	4187692	NonCancer	0.00E+00	5.15E-06	0.00E+00	3.41E-07	3.41E-07	3.41E-07	7.89E-05	0.00E+00	1.28E-05	0.00E+00	3.41E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
4542	ALL	653509.2	4187648	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	7.74E-05	0.00E+00	1.25E-05	0.00E+00	3.32E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
4543	ALL	653547.9	4187633	NonCancer	0.00E+00	5.47E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	8.37E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
4544	ALL	653586.5	4187618	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.83E-05	0.00E+00	1.49E-05	0.00E+00	3.97E-07	2.30E-04	0.00E+00	0.00E+00	2.30E-04
4545	ALL	653625.2	4187604	NonCancer	0.00E+00	6.24E-06	0.00E+00	4.14E-07	4.14E-07	4.14E-07	8.85E-05	0.00E+00	1.55E-05	0.00E+00	4.14E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
4546	ALL	653663.8	4187589	NonCancer	0.00E+00	6.07E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	8.44E-05	0.00E+00	1.51E-05	0.00E+00	4.03E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
4547	ALL	653393.8	4187882	NonCancer	0.00E+00	7.56E-06	0.00E+00	5.01E-07	5.01E-07	5.01E-07	1.18E-04	0.00E+00	1.89E-05	0.00E+00	5.01E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
4548	ALL	653392	4187924	NonCancer	0.00E+00	8.42E-06	0.00E+00	5.58E-07	5.58E-07	5.58E-07	1.33E-04	0.00E+00	2.10E-05	0.00E+00	5.58E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
4549	ALL	653390.2	4187966	NonCancer	0.00E+00	9.17E-06	0.00E+00	6.08E-07	6.08E-07	6.08E-07	1.47E-04	0.00E+00	2.29E-05	0.00E+00	6.08E-07	3.61E-04	0.00E+00	0.00E+00	3.61E-04

4550	ALL	653353.3	4187841	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	8.89E-05	0.00E+00	1.43E-05	0.00E+00	3.81E-07	2.24E-04	0.00E+00	0.00E+00	2.24E-04
4551	ALL	653370.4	4187804	NonCancer	0.00E+00	5.47E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	8.46E-05	0.00E+00	1.37E-05	0.00E+00	3.63E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
4552	ALL	653387.5	4187766	NonCancer	0.00E+00	5.25E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.97E-05	0.00E+00	1.31E-05	0.00E+00	3.48E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
4553	ALL	653404.6	4187729	NonCancer	0.00E+00	4.90E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	7.36E-05	0.00E+00	1.22E-05	0.00E+00	3.25E-07	1.89E-04	0.00E+00	0.00E+00	1.89E-04
4554	ALL	653421.7	4187692	NonCancer	0.00E+00	4.49E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.79E-05	0.00E+00	1.12E-05	0.00E+00	2.98E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
4555	ALL	653438.8	4187655	NonCancer	0.00E+00	4.16E-06	0.00E+00	2.76E-07	2.76E-07	2.76E-07	6.36E-05	0.00E+00	1.04E-05	0.00E+00	2.76E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
4556	ALL	653474.9	4187611	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.68E-07	2.68E-07	2.68E-07	6.26E-05	0.00E+00	1.01E-05	0.00E+00	2.68E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
4557	ALL	653513.1	4187597	NonCancer	0.00E+00	4.37E-06	0.00E+00	2.90E-07	2.90E-07	2.90E-07	6.73E-05	0.00E+00	1.09E-05	0.00E+00	2.90E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
4558	ALL	653551.2	4187582	NonCancer	0.00E+00	4.75E-06	0.00E+00	3.15E-07	3.15E-07	3.15E-07	7.15E-05	0.00E+00	1.18E-05	0.00E+00	3.15E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
4559	ALL	653589.4	4187568	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	7.36E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
4560	ALL	653627.5	4187553	NonCancer	0.00E+00	5.12E-06	0.00E+00	3.40E-07	3.40E-07	3.40E-07	7.24E-05	0.00E+00	1.27E-05	0.00E+00	3.40E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
4561	ALL	653665.7	4187539	NonCancer	0.00E+00	4.91E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	6.88E-05	0.00E+00	1.22E-05	0.00E+00	3.26E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
4562	ALL	653343.9	4187880	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.07E-07	4.07E-07	4.07E-07	9.59E-05	0.00E+00	1.53E-05	0.00E+00	4.07E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
4563	ALL	653342.1	4187922	NonCancer	0.00E+00	6.74E-06	0.00E+00	4.47E-07	4.47E-07	4.47E-07	1.06E-04	0.00E+00	1.68E-05	0.00E+00	4.47E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
4564	ALL	653340.3	4187963	NonCancer	0.00E+00	7.27E-06	0.00E+00	4.82E-07	4.82E-07	4.82E-07	1.15E-04	0.00E+00	1.82E-05	0.00E+00	4.82E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
4565	ALL	653253.3	4187837	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	6.36E-05	0.00E+00	1.03E-05	0.00E+00	2.73E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
4566	ALL	653270.1	4187800	NonCancer	0.00E+00	3.97E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	6.13E-05	0.00E+00	9.92E-06	0.00E+00	2.64E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
4567	ALL	653286.9	4187764	NonCancer	0.00E+00	3.83E-06	0.00E+00	2.54E-07	2.54E-07	2.54E-07	5.89E-05	0.00E+00	9.55E-06	0.00E+00	2.54E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
4568	ALL	653303.7	4187727	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.64E-05	0.00E+00	9.26E-06	0.00E+00	2.46E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
4569	ALL	653320.5	4187691	NonCancer	0.00E+00	3.54E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	5.32E-05	0.00E+00	8.81E-06	0.00E+00	2.35E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
4570	ALL	653337.3	4187654	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.97E-05	0.00E+00	8.23E-06	0.00E+00	2.19E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
4571	ALL	653354.1	4187618	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.67E-05	0.00E+00	7.68E-06	0.00E+00	2.04E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
4572	ALL	653370.9	4187582	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.43E-05	0.00E+00	7.25E-06	0.00E+00	1.93E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
4573	ALL	653406.4	4187538	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.37E-05	0.00E+00	7.08E-06	0.00E+00	1.88E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
4574	ALL	653443.9	4187524	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.64E-05	0.00E+00	7.52E-06	0.00E+00	2.00E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
4575	ALL	653481.4	4187510	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.92E-05	0.00E+00	8.01E-06	0.00E+00	2.13E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
4576	ALL	653518.9	4187495	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	5.17E-05	0.00E+00	8.59E-06	0.00E+00	2.29E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
4577	ALL	653556.4	4187481	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.31E-05	0.00E+00	9.04E-06	0.00E+00	2.41E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
4578	ALL	653594	4187467	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.28E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
4579	ALL	653631.5	4187453	NonCancer	0.00E+00	3.59E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.10E-05	0.00E+00	8.93E-06	0.00E+00	2.38E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
4580	ALL	653669	4187439	NonCancer	0.00E+00	3.42E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	4.85E-05	0.00E+00	8.51E-06	0.00E+00	2.27E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
4581	ALL	653244	4187876	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	6.71E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
4582	ALL	653242.2	4187917	NonCancer	0.00E+00	4.65E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	7.25E-05	0.00E+00	1.16E-05	0.00E+00	3.08E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
4583	ALL	653240.4	4187959	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	7.73E-05	0.00E+00	1.23E-05	0.00E+00	3.27E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
4584	ALL	653153.7	4187831	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.79E-05	0.00E+00	7.73E-06	0.00E+00	2.05E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
4585	ALL	653171.2	4187794	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.66E-05	0.00E+00	7.57E-06	0.00E+00	2.01E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
4586	ALL	653188.6	4187756	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.51E-05	0.00E+00	7.30E-06	0.00E+00	1.94E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
4587	ALL	653206.1	4187718	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.36E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
4588	ALL	653223.5	4187680	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.20E-05	0.00E+00	6.91E-06	0.00E+00	1.84E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
4589	ALL	653241	4187642	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.99E-05	0.00E+00	6.61E-06	0.00E+00	1.76E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4590	ALL	653258.4	4187604	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.76E-05	0.00E+00	6.24E-06	0.00E+00	1.66E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
4591	ALL	653275.8	4187567	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.55E-05	0.00E+00	5.85E-06	0.00E+00	1.56E-07	9.10E-05	0.00E+00	0.00E+00	9.10E-05
4592	ALL	653293.3	4187529	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.38E-05	0.00E+00	5.54E-06	0.00E+00	1.48E-07	8.63E-05	0.00E+00	0.00E+00	8.63E-05
4593	ALL	653310.7	4187491	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.24E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.24E-05	0.00E+00	0.00E+00	8.24E-05
4594	ALL	653339	4187465	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.26E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.26E-05	0.00E+00	0.00E+00	8.26E-05
4595	ALL	653377.9	4187450	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.43E-05	0.00E+00	5.58E-06	0.00E+00	1.48E-07	8.70E-05	0.00E+00	0.00E+00	8.70E-05
4596	ALL	653416.9	4187435	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.62E-05	0.00E+00	5.88E-06	0.00E+00	1.56E-07	9.18E-05	0.00E+00	0.00E+00	9.18E-05
4597	ALL	653455.9	4187420	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.81E-05	0.00E+00	6.25E-06	0.00E+00	1.66E-07	9.73E-05	0.00E+00	0.00E+00	9.73E-05
4598	ALL	653494.8	4187406	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.97E-05	0.00E+00	6.64E-06	0.00E+00	1.77E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4599	ALL	653533.8	4187391	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.05E-05	0.00E+00	6.90E-06	0.00E+00	1.84E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04

4600	ALL	653572.8	4187376	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.02E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
4601	ALL	653611.7	4187361	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.90E-05	0.00E+00	6.77E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
4602	ALL	653650.7	4187347	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.73E-05	0.00E+00	6.50E-06	0.00E+00	1.73E-07	9.95E-05	0.00E+00	0.00E+00	9.95E-05
4603	ALL	653144.1	4187871	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	5.00E-05	0.00E+00	8.04E-06	0.00E+00	2.14E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
4604	ALL	653142.3	4187913	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	5.32E-05	0.00E+00	8.56E-06	0.00E+00	2.27E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
4605	ALL	653140.4	4187955	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.61E-05	0.00E+00	9.00E-06	0.00E+00	2.39E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
4606	ALL	653053.7	4187827	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.75E-05	0.00E+00	6.06E-06	0.00E+00	1.61E-07	9.47E-05	0.00E+00	0.00E+00	9.47E-05
4607	ALL	653070.9	4187790	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.69E-05	0.00E+00	5.99E-06	0.00E+00	1.59E-07	9.34E-05	0.00E+00	0.00E+00	9.34E-05
4608	ALL	653088	4187753	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.59E-05	0.00E+00	5.85E-06	0.00E+00	1.56E-07	9.12E-05	0.00E+00	0.00E+00	9.12E-05
4609	ALL	653105.2	4187716	NonCancer	0.00E+00	2.27E-06	0.00E+00	1.51E-07	1.51E-07	1.51E-07	3.49E-05	0.00E+00	5.66E-06	0.00E+00	1.51E-07	8.84E-05	0.00E+00	0.00E+00	8.84E-05
4610	ALL	653122.4	4187678	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.40E-05	0.00E+00	5.53E-06	0.00E+00	1.47E-07	8.63E-05	0.00E+00	0.00E+00	8.63E-05
4611	ALL	653139.6	4187641	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.30E-05	0.00E+00	5.42E-06	0.00E+00	1.44E-07	8.43E-05	0.00E+00	0.00E+00	8.43E-05
4612	ALL	653156.8	4187604	NonCancer	0.00E+00	2.10E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.17E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.14E-05	0.00E+00	0.00E+00	8.14E-05
4613	ALL	653174	4187567	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.02E-05	0.00E+00	5.00E-06	0.00E+00	1.33E-07	7.76E-05	0.00E+00	0.00E+00	7.76E-05
4614	ALL	653191.1	4187529	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.86E-05	0.00E+00	4.74E-06	0.00E+00	1.26E-07	7.36E-05	0.00E+00	0.00E+00	7.36E-05
4615	ALL	653208.3	4187492	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.73E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	6.99E-05	0.00E+00	0.00E+00	6.99E-05
4616	ALL	653225.5	4187455	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.62E-05	0.00E+00	4.30E-06	0.00E+00	1.14E-07	6.69E-05	0.00E+00	0.00E+00	6.69E-05
4617	ALL	653242.7	4187417	NonCancer	0.00E+00	1.66E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.53E-05	0.00E+00	4.13E-06	0.00E+00	1.10E-07	6.44E-05	0.00E+00	0.00E+00	6.44E-05
4618	ALL	653270.5	4187392	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.53E-05	0.00E+00	4.13E-06	0.00E+00	1.10E-07	6.44E-05	0.00E+00	0.00E+00	6.44E-05
4619	ALL	653308.9	4187377	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.15E-07	1.15E-07	1.15E-07	2.65E-05	0.00E+00	4.31E-06	0.00E+00	1.15E-07	6.73E-05	0.00E+00	0.00E+00	6.73E-05
4620	ALL	653347.2	4187363	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.78E-05	0.00E+00	4.51E-06	0.00E+00	1.20E-07	7.04E-05	0.00E+00	0.00E+00	7.04E-05
4621	ALL	653385.6	4187348	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.91E-05	0.00E+00	4.73E-06	0.00E+00	1.26E-07	7.38E-05	0.00E+00	0.00E+00	7.38E-05
4622	ALL	653424	4187333	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.04E-05	0.00E+00	5.00E-06	0.00E+00	1.33E-07	7.77E-05	0.00E+00	0.00E+00	7.77E-05
4623	ALL	653462.4	4187319	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.14E-05	0.00E+00	5.26E-06	0.00E+00	1.40E-07	8.14E-05	0.00E+00	0.00E+00	8.14E-05
4624	ALL	653500.7	4187304	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.20E-05	0.00E+00	5.43E-06	0.00E+00	1.45E-07	8.38E-05	0.00E+00	0.00E+00	8.38E-05
4625	ALL	653539.1	4187290	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.19E-05	0.00E+00	5.48E-06	0.00E+00	1.46E-07	8.43E-05	0.00E+00	0.00E+00	8.43E-05
4626	ALL	653577.5	4187275	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.13E-05	0.00E+00	5.40E-06	0.00E+00	1.44E-07	8.29E-05	0.00E+00	0.00E+00	8.29E-05
4627	ALL	653615.9	4187261	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.02E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.04E-05	0.00E+00	0.00E+00	8.04E-05
4628	ALL	653654.3	4187246	NonCancer	0.00E+00	2.02E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	2.90E-05	0.00E+00	5.02E-06	0.00E+00	1.34E-07	7.70E-05	0.00E+00	0.00E+00	7.70E-05
4629	ALL	653044.2	4187867	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.89E-05	0.00E+00	6.28E-06	0.00E+00	1.67E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
4630	ALL	653042.4	4187909	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	4.10E-05	0.00E+00	6.62E-06	0.00E+00	1.76E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4631	ALL	653040.5	4187950	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.29E-05	0.00E+00	6.91E-06	0.00E+00	1.84E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
4632	ALL	652953.7	4187823	NonCancer	0.00E+00	1.97E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	3.03E-05	0.00E+00	4.91E-06	0.00E+00	1.30E-07	7.67E-05	0.00E+00	0.00E+00	7.67E-05
4633	ALL	652970.7	4187786	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.99E-05	0.00E+00	4.85E-06	0.00E+00	1.29E-07	7.58E-05	0.00E+00	0.00E+00	7.58E-05
4634	ALL	652987.7	4187750	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.94E-05	0.00E+00	4.80E-06	0.00E+00	1.28E-07	7.47E-05	0.00E+00	0.00E+00	7.47E-05
4635	ALL	653004.7	4187713	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.87E-05	0.00E+00	4.67E-06	0.00E+00	1.24E-07	7.29E-05	0.00E+00	0.00E+00	7.29E-05
4636	ALL	653021.7	4187676	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.80E-05	0.00E+00	4.54E-06	0.00E+00	1.21E-07	7.09E-05	0.00E+00	0.00E+00	7.09E-05
4637	ALL	653038.7	4187639	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.73E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.95E-05	0.00E+00	0.00E+00	6.95E-05
4638	ALL	653055.6	4187602	NonCancer	0.00E+00	1.76E-06	0.00E+00	1.17E-07	1.17E-07	1.17E-07	2.67E-05	0.00E+00	4.39E-06	0.00E+00	1.17E-07	6.82E-05	0.00E+00	0.00E+00	6.82E-05
4639	ALL	653072.6	4187565	NonCancer	0.00E+00	1.72E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.59E-05	0.00E+00	4.28E-06	0.00E+00	1.14E-07	6.64E-05	0.00E+00	0.00E+00	6.64E-05
4640	ALL	653089.6	4187528	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.48E-05	0.00E+00	4.11E-06	0.00E+00	1.10E-07	6.39E-05	0.00E+00	0.00E+00	6.39E-05
4641	ALL	653106.6	4187492	NonCancer	0.00E+00	1.58E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.37E-05	0.00E+00	3.93E-06	0.00E+00	1.05E-07	6.10E-05	0.00E+00	0.00E+00	6.10E-05
4642	ALL	653123.6	4187455	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.97E-08	9.97E-08	9.97E-08	2.27E-05	0.00E+00	3.75E-06	0.00E+00	9.97E-08	5.82E-05	0.00E+00	0.00E+00	5.82E-05
4643	ALL	653140.6	4187418	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.55E-08	9.55E-08	9.55E-08	2.18E-05	0.00E+00	3.59E-06	0.00E+00	9.55E-08	5.58E-05	0.00E+00	0.00E+00	5.58E-05
4644	ALL	653157.6	4187381	NonCancer	0.00E+00	1.39E-06	0.00E+00	9.19E-08	9.19E-08	9.19E-08	2.10E-05	0.00E+00	3.46E-06	0.00E+00	9.19E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4645	ALL	653174.6	4187344	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.87E-08	8.87E-08	8.87E-08	2.04E-05	0.00E+00	3.33E-06	0.00E+00	8.87E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
4646	ALL	653202.1	4187318	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.84E-08	8.84E-08	8.84E-08	2.04E-05	0.00E+00	3.32E-06	0.00E+00	8.84E-08	5.18E-05	0.00E+00	0.00E+00	5.18E-05
4647	ALL	653240	4187304	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.18E-08	9.18E-08	9.18E-08	2.12E-05	0.00E+00	3.45E-06	0.00E+00	9.18E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4648	ALL	653278	4187290	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.56E-08	9.56E-08	9.56E-08	2.20E-05	0.00E+00	3.59E-06	0.00E+00	9.56E-08	5.60E-05	0.00E+00	0.00E+00	5.60E-05
4649	ALL	653316	4187275	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.92E-08	9.92E-08	9.92E-08	2.30E-05	0.00E+00	3.73E-06	0.00E+00	9.92E-08	5.82E-05	0.00E+00	0.00E+00	5.82E-05

4650	ALL	653353.9	4187261	NonCancer	0.00E+00	1.56E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.39E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	6.08E-05	0.00E+00	0.00E+00	6.08E-05
4651	ALL	653391.9	4187247	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.49E-05	0.00E+00	4.10E-06	0.00E+00	1.09E-07	6.38E-05	0.00E+00	0.00E+00	6.38E-05
4652	ALL	653429.8	4187232	NonCancer	0.00E+00	1.72E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.56E-05	0.00E+00	4.29E-06	0.00E+00	1.14E-07	6.64E-05	0.00E+00	0.00E+00	6.64E-05
4653	ALL	653467.8	4187218	NonCancer	0.00E+00	1.77E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.61E-05	0.00E+00	4.41E-06	0.00E+00	1.18E-07	6.81E-05	0.00E+00	0.00E+00	6.81E-05
4654	ALL	653505.7	4187204	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.61E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.86E-05	0.00E+00	0.00E+00	6.86E-05
4655	ALL	653543.7	4187189	NonCancer	0.00E+00	1.77E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.57E-05	0.00E+00	4.41E-06	0.00E+00	1.18E-07	6.79E-05	0.00E+00	0.00E+00	6.79E-05
4656	ALL	653581.7	4187175	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.15E-07	1.15E-07	1.15E-07	2.51E-05	0.00E+00	4.32E-06	0.00E+00	1.15E-07	6.63E-05	0.00E+00	0.00E+00	6.63E-05
4657	ALL	653619.6	4187160	NonCancer	0.00E+00	1.68E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.42E-05	0.00E+00	4.19E-06	0.00E+00	1.12E-07	6.43E-05	0.00E+00	0.00E+00	6.43E-05
4658	ALL	653657.6	4187146	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.33E-05	0.00E+00	4.00E-06	0.00E+00	1.07E-07	6.15E-05	0.00E+00	0.00E+00	6.15E-05
4659	ALL	652944.3	4187863	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.12E-05	0.00E+00	5.07E-06	0.00E+00	1.35E-07	7.91E-05	0.00E+00	0.00E+00	7.91E-05
4660	ALL	652942.5	4187904	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.27E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.27E-05	0.00E+00	0.00E+00	8.27E-05
4661	ALL	652940.6	4187946	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.40E-05	0.00E+00	5.50E-06	0.00E+00	1.46E-07	8.59E-05	0.00E+00	0.00E+00	8.59E-05
4662	ALL	652854	4187818	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.51E-05	0.00E+00	4.07E-06	0.00E+00	1.08E-07	6.36E-05	0.00E+00	0.00E+00	6.36E-05
4663	ALL	652871.4	4187781	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.48E-05	0.00E+00	4.02E-06	0.00E+00	1.07E-07	6.28E-05	0.00E+00	0.00E+00	6.28E-05
4664	ALL	652888.8	4187743	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.45E-05	0.00E+00	3.99E-06	0.00E+00	1.06E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
4665	ALL	652906.2	4187705	NonCancer	0.00E+00	1.57E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.40E-05	0.00E+00	3.93E-06	0.00E+00	1.04E-07	6.12E-05	0.00E+00	0.00E+00	6.12E-05
4666	ALL	652923.6	4187668	NonCancer	0.00E+00	1.53E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.34E-05	0.00E+00	3.82E-06	0.00E+00	1.02E-07	5.96E-05	0.00E+00	0.00E+00	5.96E-05
4667	ALL	652941	4187630	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.92E-08	9.92E-08	9.92E-08	2.29E-05	0.00E+00	3.73E-06	0.00E+00	9.92E-08	5.82E-05	0.00E+00	0.00E+00	5.82E-05
4668	ALL	652958.4	4187592	NonCancer	0.00E+00	1.47E-06	0.00E+00	9.78E-08	9.78E-08	9.78E-08	2.25E-05	0.00E+00	3.68E-06	0.00E+00	9.78E-08	5.73E-05	0.00E+00	0.00E+00	5.73E-05
4669	ALL	652975.7	4187554	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.64E-08	9.64E-08	9.64E-08	2.20E-05	0.00E+00	3.62E-06	0.00E+00	9.64E-08	5.63E-05	0.00E+00	0.00E+00	5.63E-05
4670	ALL	652993.1	4187517	NonCancer	0.00E+00	1.42E-06	0.00E+00	9.41E-08	9.41E-08	9.41E-08	2.14E-05	0.00E+00	3.54E-06	0.00E+00	9.41E-08	5.49E-05	0.00E+00	0.00E+00	5.49E-05
4671	ALL	653010.5	4187479	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.08E-08	9.08E-08	9.08E-08	2.06E-05	0.00E+00	3.41E-06	0.00E+00	9.08E-08	5.30E-05	0.00E+00	0.00E+00	5.30E-05
4672	ALL	653027.9	4187441	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.72E-08	8.72E-08	8.72E-08	1.98E-05	0.00E+00	3.28E-06	0.00E+00	8.72E-08	5.09E-05	0.00E+00	0.00E+00	5.09E-05
4673	ALL	653045.3	4187403	NonCancer	0.00E+00	1.26E-06	0.00E+00	8.34E-08	8.34E-08	8.34E-08	1.90E-05	0.00E+00	3.13E-06	0.00E+00	8.34E-08	4.87E-05	0.00E+00	0.00E+00	4.87E-05
4674	ALL	653062.7	4187366	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.00E-08	8.00E-08	8.00E-08	1.82E-05	0.00E+00	3.00E-06	0.00E+00	8.00E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
4675	ALL	653080.1	4187328	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.71E-08	7.71E-08	7.71E-08	1.76E-05	0.00E+00	2.90E-06	0.00E+00	7.71E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
4676	ALL	653097.5	4187290	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.46E-08	7.46E-08	7.46E-08	1.71E-05	0.00E+00	2.80E-06	0.00E+00	7.46E-08	4.36E-05	0.00E+00	0.00E+00	4.36E-05
4677	ALL	653134.3	4187245	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.31E-08	7.31E-08	7.31E-08	1.68E-05	0.00E+00	2.75E-06	0.00E+00	7.31E-08	4.28E-05	0.00E+00	0.00E+00	4.28E-05
4678	ALL	653173.2	4187230	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.55E-08	7.55E-08	7.55E-08	1.74E-05	0.00E+00	2.84E-06	0.00E+00	7.55E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
4679	ALL	653212.1	4187216	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.85E-08	7.85E-08	7.85E-08	1.80E-05	0.00E+00	2.95E-06	0.00E+00	7.85E-08	4.60E-05	0.00E+00	0.00E+00	4.60E-05
4680	ALL	653250.9	4187201	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.12E-08	8.12E-08	8.12E-08	1.87E-05	0.00E+00	3.05E-06	0.00E+00	8.12E-08	4.76E-05	0.00E+00	0.00E+00	4.76E-05
4681	ALL	653289.8	4187186	NonCancer	0.00E+00	1.27E-06	0.00E+00	8.41E-08	8.41E-08	8.41E-08	1.94E-05	0.00E+00	3.16E-06	0.00E+00	8.41E-08	4.93E-05	0.00E+00	0.00E+00	4.93E-05
4682	ALL	653328.6	4187172	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.80E-08	8.80E-08	8.80E-08	2.02E-05	0.00E+00	3.31E-06	0.00E+00	8.80E-08	5.15E-05	0.00E+00	0.00E+00	5.15E-05
4683	ALL	653367.5	4187157	NonCancer	0.00E+00	1.39E-06	0.00E+00	9.24E-08	9.24E-08	9.24E-08	2.09E-05	0.00E+00	3.47E-06	0.00E+00	9.24E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4684	ALL	653406.3	4187142	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.59E-08	9.59E-08	9.59E-08	2.14E-05	0.00E+00	3.60E-06	0.00E+00	9.59E-08	5.57E-05	0.00E+00	0.00E+00	5.57E-05
4685	ALL	653445.2	4187128	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.81E-08	9.81E-08	9.81E-08	2.17E-05	0.00E+00	3.68E-06	0.00E+00	9.81E-08	5.68E-05	0.00E+00	0.00E+00	5.68E-05
4686	ALL	653484	4187113	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.88E-08	9.88E-08	9.88E-08	2.17E-05	0.00E+00	3.71E-06	0.00E+00	9.88E-08	5.71E-05	0.00E+00	0.00E+00	5.71E-05
4687	ALL	653522.9	4187098	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.79E-08	9.79E-08	9.79E-08	2.15E-05	0.00E+00	3.67E-06	0.00E+00	9.79E-08	5.65E-05	0.00E+00	0.00E+00	5.65E-05
4688	ALL	653561.8	4187083	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.58E-08	9.58E-08	9.58E-08	2.09E-05	0.00E+00	3.59E-06	0.00E+00	9.58E-08	5.53E-05	0.00E+00	0.00E+00	5.53E-05
4689	ALL	653600.6	4187069	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.33E-08	9.33E-08	9.33E-08	2.03E-05	0.00E+00	3.50E-06	0.00E+00	9.33E-08	5.37E-05	0.00E+00	0.00E+00	5.37E-05
4690	ALL	653639.5	4187054	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.97E-08	8.97E-08	8.97E-08	1.96E-05	0.00E+00	3.36E-06	0.00E+00	8.97E-08	5.17E-05	0.00E+00	0.00E+00	5.17E-05
4691	ALL	653678.3	4187039	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.50E-08	8.50E-08	8.50E-08	1.88E-05	0.00E+00	3.19E-06	0.00E+00	8.50E-08	4.92E-05	0.00E+00	0.00E+00	4.92E-05
4692	ALL	652844.4	4187858	NonCancer	0.00E+00	1.68E-06	0.00E+00	1.11E-07	1.11E-07	1.11E-07	2.58E-05	0.00E+00	4.19E-06	0.00E+00	1.11E-07	6.54E-05	0.00E+00	0.00E+00	6.54E-05
4693	ALL	652842.6	4187900	NonCancer	0.00E+00	1.74E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.68E-05	0.00E+00	4.35E-06	0.00E+00	1.16E-07	6.79E-05	0.00E+00	0.00E+00	6.79E-05
4694	ALL	652840.7	4187942	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.77E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	7.02E-05	0.00E+00	0.00E+00	7.02E-05
4695	ALL	652604.2	4187807	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.35E-08	7.35E-08	7.35E-08	1.69E-05	0.00E+00	2.76E-06	0.00E+00	7.35E-08	4.30E-05	0.00E+00	0.00E+00	4.30E-05
4696	ALL	652621.7	4187770	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.25E-08	7.25E-08	7.25E-08	1.68E-05	0.00E+00	2.73E-06	0.00E+00	7.25E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
4697	ALL	652639.1	4187732	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.18E-08	7.18E-08	7.18E-08	1.66E-05	0.00E+00	2.70E-06	0.00E+00	7.18E-08	4.21E-05	0.00E+00	0.00E+00	4.21E-05
4698	ALL	652656.6	4187694	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.14E-08	7.14E-08	7.14E-08	1.65E-05	0.00E+00	2.69E-06	0.00E+00	7.14E-08	4.19E-05	0.00E+00	0.00E+00	4.19E-05
4699	ALL	652674	4187656	NonCancer	0.00E+00	1.07E-06	0.00E+00	7.09E-08	7.09E-08	7.09E-08	1.62E-05	0.00E+00	2.66E-06	0.00E+00	7.09E-08	4.15E-05	0.00E+00	0.00E+00	4.15E-05

4700	ALL	652691.5	4187618	NonCancer	0.00E+00	1.05E-06	0.00E+00	6.95E-08	6.95E-08	6.95E-08	1.60E-05	0.00E+00	2.61E-06	0.00E+00	6.95E-08	4.07E-05	0.00E+00	0.00E+00	4.07E-05
4701	ALL	652708.9	4187580	NonCancer	0.00E+00	1.02E-06	0.00E+00	6.78E-08	6.78E-08	6.78E-08	1.56E-05	0.00E+00	2.55E-06	0.00E+00	6.78E-08	3.98E-05	0.00E+00	0.00E+00	3.98E-05
4702	ALL	652726.4	4187543	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.67E-08	6.67E-08	6.67E-08	1.54E-05	0.00E+00	2.51E-06	0.00E+00	6.67E-08	3.91E-05	0.00E+00	0.00E+00	3.91E-05
4703	ALL	652743.8	4187505	NonCancer	0.00E+00	9.94E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.52E-05	0.00E+00	2.48E-06	0.00E+00	6.59E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
4704	ALL	652761.3	4187467	NonCancer	0.00E+00	9.84E-07	0.00E+00	6.53E-08	6.53E-08	6.53E-08	1.49E-05	0.00E+00	2.45E-06	0.00E+00	6.53E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
4705	ALL	652778.7	4187429	NonCancer	0.00E+00	9.72E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.47E-05	0.00E+00	2.42E-06	0.00E+00	6.45E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
4706	ALL	652796.2	4187391	NonCancer	0.00E+00	9.53E-07	0.00E+00	6.32E-08	6.32E-08	6.32E-08	1.43E-05	0.00E+00	2.37E-06	0.00E+00	6.32E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
4707	ALL	652813.6	4187353	NonCancer	0.00E+00	9.25E-07	0.00E+00	6.13E-08	6.13E-08	6.13E-08	1.39E-05	0.00E+00	2.30E-06	0.00E+00	6.13E-08	3.58E-05	0.00E+00	0.00E+00	3.58E-05
4708	ALL	652831.1	4187316	NonCancer	0.00E+00	8.95E-07	0.00E+00	5.94E-08	5.94E-08	5.94E-08	1.35E-05	0.00E+00	2.23E-06	0.00E+00	5.94E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
4709	ALL	652848.5	4187278	NonCancer	0.00E+00	8.65E-07	0.00E+00	5.74E-08	5.74E-08	5.74E-08	1.30E-05	0.00E+00	2.16E-06	0.00E+00	5.74E-08	3.35E-05	0.00E+00	0.00E+00	3.35E-05
4710	ALL	652865.9	4187240	NonCancer	0.00E+00	8.35E-07	0.00E+00	5.54E-08	5.54E-08	5.54E-08	1.26E-05	0.00E+00	2.08E-06	0.00E+00	5.54E-08	3.23E-05	0.00E+00	0.00E+00	3.23E-05
4711	ALL	652883.4	4187202	NonCancer	0.00E+00	8.08E-07	0.00E+00	5.36E-08	5.36E-08	5.36E-08	1.22E-05	0.00E+00	2.01E-06	0.00E+00	5.36E-08	3.13E-05	0.00E+00	0.00E+00	3.13E-05
4712	ALL	652900.8	4187164	NonCancer	0.00E+00	7.85E-07	0.00E+00	5.21E-08	5.21E-08	5.21E-08	1.19E-05	0.00E+00	1.96E-06	0.00E+00	5.21E-08	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4713	ALL	652918.3	4187126	NonCancer	0.00E+00	7.65E-07	0.00E+00	5.07E-08	5.07E-08	5.07E-08	1.16E-05	0.00E+00	1.91E-06	0.00E+00	5.07E-08	2.96E-05	0.00E+00	0.00E+00	2.96E-05
4714	ALL	652935.7	4187089	NonCancer	0.00E+00	7.45E-07	0.00E+00	4.94E-08	4.94E-08	4.94E-08	1.13E-05	0.00E+00	1.86E-06	0.00E+00	4.94E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
4715	ALL	652963.9	4187062	NonCancer	0.00E+00	7.42E-07	0.00E+00	4.92E-08	4.92E-08	4.92E-08	1.13E-05	0.00E+00	1.85E-06	0.00E+00	4.92E-08	2.88E-05	0.00E+00	0.00E+00	2.88E-05
4716	ALL	653002.9	4187048	NonCancer	0.00E+00	7.59E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.95E-05	0.00E+00	0.00E+00	2.95E-05
4717	ALL	653041.9	4187033	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.19E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4718	ALL	653080.9	4187018	NonCancer	0.00E+00	8.07E-07	0.00E+00	5.35E-08	5.35E-08	5.35E-08	1.23E-05	0.00E+00	2.01E-06	0.00E+00	5.35E-08	3.13E-05	0.00E+00	0.00E+00	3.13E-05
4719	ALL	653119.8	4187003	NonCancer	0.00E+00	8.27E-07	0.00E+00	5.49E-08	5.49E-08	5.49E-08	1.26E-05	0.00E+00	2.06E-06	0.00E+00	5.49E-08	3.21E-05	0.00E+00	0.00E+00	3.21E-05
4720	ALL	653158.8	4186989	NonCancer	0.00E+00	8.48E-07	0.00E+00	5.62E-08	5.62E-08	5.62E-08	1.30E-05	0.00E+00	2.11E-06	0.00E+00	5.62E-08	3.30E-05	0.00E+00	0.00E+00	3.30E-05
4721	ALL	653197.8	4186974	NonCancer	0.00E+00	8.77E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.34E-05	0.00E+00	2.19E-06	0.00E+00	5.81E-08	3.41E-05	0.00E+00	0.00E+00	3.41E-05
4722	ALL	653236.7	4186959	NonCancer	0.00E+00	9.14E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.39E-05	0.00E+00	2.28E-06	0.00E+00	6.06E-08	3.54E-05	0.00E+00	0.00E+00	3.54E-05
4723	ALL	653275.7	4186944	NonCancer	0.00E+00	9.51E-07	0.00E+00	6.31E-08	6.31E-08	6.31E-08	1.43E-05	0.00E+00	2.37E-06	0.00E+00	6.31E-08	3.67E-05	0.00E+00	0.00E+00	3.67E-05
4724	ALL	653314.7	4186930	NonCancer	0.00E+00	9.81E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.46E-05	0.00E+00	2.44E-06	0.00E+00	6.50E-08	3.78E-05	0.00E+00	0.00E+00	3.78E-05
4725	ALL	653353.6	4186915	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.63E-08	6.63E-08	6.63E-08	1.48E-05	0.00E+00	2.49E-06	0.00E+00	6.63E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
4726	ALL	653392.6	4186900	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.71E-08	6.71E-08	6.71E-08	1.49E-05	0.00E+00	2.52E-06	0.00E+00	6.71E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
4727	ALL	653431.6	4186885	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.71E-08	6.71E-08	6.71E-08	1.48E-05	0.00E+00	2.52E-06	0.00E+00	6.71E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
4728	ALL	653470.5	4186871	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.63E-08	6.63E-08	6.63E-08	1.46E-05	0.00E+00	2.49E-06	0.00E+00	6.63E-08	3.84E-05	0.00E+00	0.00E+00	3.84E-05
4729	ALL	653509.5	4186856	NonCancer	0.00E+00	9.83E-07	0.00E+00	6.52E-08	6.52E-08	6.52E-08	1.44E-05	0.00E+00	2.45E-06	0.00E+00	6.52E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
4730	ALL	653548.5	4186841	NonCancer	0.00E+00	9.64E-07	0.00E+00	6.39E-08	6.39E-08	6.39E-08	1.40E-05	0.00E+00	2.40E-06	0.00E+00	6.39E-08	3.69E-05	0.00E+00	0.00E+00	3.69E-05
4731	ALL	653587.5	4186826	NonCancer	0.00E+00	9.41E-07	0.00E+00	6.24E-08	6.24E-08	6.24E-08	1.37E-05	0.00E+00	2.34E-06	0.00E+00	6.24E-08	3.60E-05	0.00E+00	0.00E+00	3.60E-05
4732	ALL	653626.4	4186812	NonCancer	0.00E+00	9.07E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.32E-05	0.00E+00	2.26E-06	0.00E+00	6.01E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
4733	ALL	653665.4	4186797	NonCancer	0.00E+00	8.64E-07	0.00E+00	5.73E-08	5.73E-08	5.73E-08	1.28E-05	0.00E+00	2.15E-06	0.00E+00	5.73E-08	3.33E-05	0.00E+00	0.00E+00	3.33E-05
4734	ALL	652594.6	4187847	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.49E-08	7.49E-08	7.49E-08	1.73E-05	0.00E+00	2.81E-06	0.00E+00	7.49E-08	4.39E-05	0.00E+00	0.00E+00	4.39E-05
4735	ALL	652592.8	4187889	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.68E-08	7.68E-08	7.68E-08	1.78E-05	0.00E+00	2.89E-06	0.00E+00	7.68E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
4736	ALL	652591	4187931	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.89E-08	7.89E-08	7.89E-08	1.82E-05	0.00E+00	2.97E-06	0.00E+00	7.89E-08	4.63E-05	0.00E+00	0.00E+00	4.63E-05
4737	ALL	652354.5	4187797	NonCancer	0.00E+00	8.08E-07	0.00E+00	5.36E-08	5.36E-08	5.36E-08	1.23E-05	0.00E+00	2.01E-06	0.00E+00	5.36E-08	3.14E-05	0.00E+00	0.00E+00	3.14E-05
4738	ALL	652372	4187759	NonCancer	0.00E+00	8.01E-07	0.00E+00	5.31E-08	5.31E-08	5.31E-08	1.22E-05	0.00E+00	2.00E-06	0.00E+00	5.31E-08	3.11E-05	0.00E+00	0.00E+00	3.11E-05
4739	ALL	652389.5	4187721	NonCancer	0.00E+00	7.92E-07	0.00E+00	5.25E-08	5.25E-08	5.25E-08	1.21E-05	0.00E+00	1.97E-06	0.00E+00	5.25E-08	3.08E-05	0.00E+00	0.00E+00	3.08E-05
4740	ALL	652406.9	4187683	NonCancer	0.00E+00	7.85E-07	0.00E+00	5.20E-08	5.20E-08	5.20E-08	1.20E-05	0.00E+00	1.96E-06	0.00E+00	5.20E-08	3.05E-05	0.00E+00	0.00E+00	3.05E-05
4741	ALL	652424.4	4187645	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.19E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4742	ALL	652441.9	4187607	NonCancer	0.00E+00	7.80E-07	0.00E+00	5.17E-08	5.17E-08	5.17E-08	1.18E-05	0.00E+00	1.94E-06	0.00E+00	5.17E-08	3.02E-05	0.00E+00	0.00E+00	3.02E-05
4743	ALL	652459.4	4187569	NonCancer	0.00E+00	7.71E-07	0.00E+00	5.11E-08	5.11E-08	5.11E-08	1.17E-05	0.00E+00	1.92E-06	0.00E+00	5.11E-08	2.99E-05	0.00E+00	0.00E+00	2.99E-05
4744	ALL	652476.9	4187531	NonCancer	0.00E+00	7.55E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
4745	ALL	652494.3	4187493	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.13E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.88E-05	0.00E+00	0.00E+00	2.88E-05
4746	ALL	652511.8	4187455	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.84E-08	4.84E-08	4.84E-08	1.12E-05	0.00E+00	1.82E-06	0.00E+00	4.84E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
4747	ALL	652529.3	4187417	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.80E-08	4.80E-08	4.80E-08	1.10E-05	0.00E+00	1.80E-06	0.00E+00	4.80E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
4748	ALL	652546.8	4187380	NonCancer	0.00E+00	7.18E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.09E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
4749	ALL	652564.2	4187342	NonCancer	0.00E+00	7.12E-07	0.00E+00	4.72E-08	4.72E-08	4.72E-08	1.08E-05	0.00E+00	1.77E-06	0.00E+00	4.72E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05

4750	ALL	652581.7	4187304	NonCancer	0.00E+00	7.04E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.06E-05	0.00E+00	1.76E-06	0.00E+00	4.67E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05
4751	ALL	652599.2	4187266	NonCancer	0.00E+00	6.91E-07	0.00E+00	4.59E-08	4.59E-08	4.59E-08	1.04E-05	0.00E+00	1.72E-06	0.00E+00	4.59E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
4752	ALL	652616.7	4187228	NonCancer	0.00E+00	6.74E-07	0.00E+00	4.47E-08	4.47E-08	4.47E-08	1.01E-05	0.00E+00	1.68E-06	0.00E+00	4.47E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4753	ALL	652634.2	4187190	NonCancer	0.00E+00	6.56E-07	0.00E+00	4.35E-08	4.35E-08	4.35E-08	9.88E-06	0.00E+00	1.63E-06	0.00E+00	4.35E-08	2.54E-05	0.00E+00	0.00E+00	2.54E-05
4754	ALL	652651.6	4187152	NonCancer	0.00E+00	6.38E-07	0.00E+00	4.23E-08	4.23E-08	4.23E-08	9.61E-06	0.00E+00	1.59E-06	0.00E+00	4.23E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
4755	ALL	652669.1	4187114	NonCancer	0.00E+00	6.20E-07	0.00E+00	4.11E-08	4.11E-08	4.11E-08	9.34E-06	0.00E+00	1.54E-06	0.00E+00	4.11E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
4756	ALL	652686.6	4187076	NonCancer	0.00E+00	6.02E-07	0.00E+00	3.99E-08	3.99E-08	3.99E-08	9.08E-06	0.00E+00	1.50E-06	0.00E+00	3.99E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
4757	ALL	652704.1	4187038	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.85E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
4758	ALL	652721.6	4187000	NonCancer	0.00E+00	5.72E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.65E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
4759	ALL	652739	4186963	NonCancer	0.00E+00	5.60E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.47E-06	0.00E+00	1.40E-06	0.00E+00	3.71E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
4760	ALL	652756.5	4186925	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.30E-06	0.00E+00	1.37E-06	0.00E+00	3.63E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4761	ALL	652793.5	4186879	NonCancer	0.00E+00	5.40E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	8.21E-06	0.00E+00	1.35E-06	0.00E+00	3.58E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4762	ALL	652832.6	4186865	NonCancer	0.00E+00	5.49E-07	0.00E+00	3.64E-08	3.64E-08	3.64E-08	8.37E-06	0.00E+00	1.37E-06	0.00E+00	3.64E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
4763	ALL	652871.6	4186850	NonCancer	0.00E+00	5.61E-07	0.00E+00	3.72E-08	3.72E-08	3.72E-08	8.55E-06	0.00E+00	1.40E-06	0.00E+00	3.72E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
4764	ALL	652910.6	4186835	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.75E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
4765	ALL	652949.7	4186820	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.96E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
4766	ALL	652988.7	4186806	NonCancer	0.00E+00	6.03E-07	0.00E+00	4.00E-08	4.00E-08	4.00E-08	9.17E-06	0.00E+00	1.50E-06	0.00E+00	4.00E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
4767	ALL	653027.8	4186791	NonCancer	0.00E+00	6.14E-07	0.00E+00	4.07E-08	4.07E-08	4.07E-08	9.39E-06	0.00E+00	1.53E-06	0.00E+00	4.07E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
4768	ALL	653066.8	4186776	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.64E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
4769	ALL	653105.9	4186761	NonCancer	0.00E+00	6.50E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	9.92E-06	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.53E-05	0.00E+00	0.00E+00	2.53E-05
4770	ALL	653144.9	4186746	NonCancer	0.00E+00	6.75E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	1.02E-05	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4771	ALL	653183.9	4186732	NonCancer	0.00E+00	6.98E-07	0.00E+00	4.63E-08	4.63E-08	4.63E-08	1.04E-05	0.00E+00	1.74E-06	0.00E+00	4.63E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
4772	ALL	653223	4186717	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.07E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
4773	ALL	653262	4186702	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.08E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
4774	ALL	653301.1	4186687	NonCancer	0.00E+00	7.37E-07	0.00E+00	4.89E-08	4.89E-08	4.89E-08	1.09E-05	0.00E+00	1.83E-06	0.00E+00	4.89E-08	2.83E-05	0.00E+00	0.00E+00	2.83E-05
4775	ALL	653340.1	4186673	NonCancer	0.00E+00	7.41E-07	0.00E+00	4.91E-08	4.91E-08	4.91E-08	1.09E-05	0.00E+00	1.84E-06	0.00E+00	4.91E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
4776	ALL	653379.2	4186658	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.08E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
4777	ALL	653418.2	4186643	NonCancer	0.00E+00	7.30E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.07E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
4778	ALL	653457.2	4186628	NonCancer	0.00E+00	7.19E-07	0.00E+00	4.77E-08	4.77E-08	4.77E-08	1.06E-05	0.00E+00	1.79E-06	0.00E+00	4.77E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
4779	ALL	653496.3	4186613	NonCancer	0.00E+00	7.08E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.04E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05
4780	ALL	653535.3	4186599	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.02E-05	0.00E+00	1.73E-06	0.00E+00	4.62E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
4781	ALL	653574.4	4186584	NonCancer	0.00E+00	6.80E-07	0.00E+00	4.51E-08	4.51E-08	4.51E-08	9.91E-06	0.00E+00	1.69E-06	0.00E+00	4.51E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4782	ALL	653613.4	4186569	NonCancer	0.00E+00	6.57E-07	0.00E+00	4.36E-08	4.36E-08	4.36E-08	9.62E-06	0.00E+00	1.63E-06	0.00E+00	4.36E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
4783	ALL	653652.4	4186554	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.33E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.42E-05	0.00E+00	0.00E+00	2.42E-05
4784	ALL	653691.5	4186540	NonCancer	0.00E+00	6.05E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.09E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
4785	ALL	652344.8	4187836	NonCancer	0.00E+00	8.18E-07	0.00E+00	5.43E-08	5.43E-08	5.43E-08	1.25E-05	0.00E+00	2.04E-06	0.00E+00	5.43E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
4786	ALL	652343	4187878	NonCancer	0.00E+00	8.34E-07	0.00E+00	5.53E-08	5.53E-08	5.53E-08	1.28E-05	0.00E+00	2.08E-06	0.00E+00	5.53E-08	3.25E-05	0.00E+00	0.00E+00	3.25E-05
4787	ALL	652341.2	4187920	NonCancer	0.00E+00	8.52E-07	0.00E+00	5.65E-08	5.65E-08	5.65E-08	1.31E-05	0.00E+00	2.12E-06	0.00E+00	5.65E-08	3.31E-05	0.00E+00	0.00E+00	3.31E-05
4788	ALL	652104.7	4187786	NonCancer	0.00E+00	6.20E-07	0.00E+00	4.11E-08	4.11E-08	4.11E-08	9.41E-06	0.00E+00	1.54E-06	0.00E+00	4.11E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
4789	ALL	652122.2	4187748	NonCancer	0.00E+00	6.17E-07	0.00E+00	4.09E-08	4.09E-08	4.09E-08	9.36E-06	0.00E+00	1.54E-06	0.00E+00	4.09E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
4790	ALL	652139.7	4187710	NonCancer	0.00E+00	6.11E-07	0.00E+00	4.05E-08	4.05E-08	4.05E-08	9.30E-06	0.00E+00	1.52E-06	0.00E+00	4.05E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
4791	ALL	652157.2	4187672	NonCancer	0.00E+00	6.04E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.24E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
4792	ALL	652174.7	4187634	NonCancer	0.00E+00	5.99E-07	0.00E+00	3.98E-08	3.98E-08	3.98E-08	9.18E-06	0.00E+00	1.50E-06	0.00E+00	3.98E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
4793	ALL	652192.3	4187596	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.13E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
4794	ALL	652209.8	4187558	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.08E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
4795	ALL	652227.3	4187520	NonCancer	0.00E+00	5.94E-07	0.00E+00	3.94E-08	3.94E-08	3.94E-08	8.99E-06	0.00E+00	1.48E-06	0.00E+00	3.94E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
4796	ALL	652244.8	4187482	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.87E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
4797	ALL	652262.3	4187444	NonCancer	0.00E+00	5.74E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.74E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
4798	ALL	652279.8	4187406	NonCancer	0.00E+00	5.64E-07	0.00E+00	3.74E-08	3.74E-08	3.74E-08	8.62E-06	0.00E+00	1.41E-06	0.00E+00	3.74E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4799	ALL	652297.3	4187368	NonCancer	0.00E+00	5.58E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.52E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05

4800	ALL	652314.8	4187330	NonCancer	0.00E+00	5.54E-07	0.00E+00	3.68E-08	3.68E-08	3.68E-08	8.44E-06	0.00E+00	1.38E-06	0.00E+00	3.68E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
4801	ALL	652332.3	4187292	NonCancer	0.00E+00	5.51E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.37E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
4802	ALL	652349.8	4187254	NonCancer	0.00E+00	5.47E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.29E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4803	ALL	652367.3	4187216	NonCancer	0.00E+00	5.43E-07	0.00E+00	3.60E-08	3.60E-08	3.60E-08	8.20E-06	0.00E+00	1.35E-06	0.00E+00	3.60E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4804	ALL	652384.8	4187178	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	8.09E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
4805	ALL	652402.3	4187140	NonCancer	0.00E+00	5.29E-07	0.00E+00	3.51E-08	3.51E-08	3.51E-08	7.95E-06	0.00E+00	1.32E-06	0.00E+00	3.51E-08	2.05E-05	0.00E+00	0.00E+00	2.05E-05
4806	ALL	652419.8	4187102	NonCancer	0.00E+00	5.17E-07	0.00E+00	3.43E-08	3.43E-08	3.43E-08	7.79E-06	0.00E+00	1.29E-06	0.00E+00	3.43E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
4807	ALL	652437.3	4187064	NonCancer	0.00E+00	5.05E-07	0.00E+00	3.35E-08	3.35E-08	3.35E-08	7.61E-06	0.00E+00	1.26E-06	0.00E+00	3.35E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
4808	ALL	652454.8	4187027	NonCancer	0.00E+00	4.93E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.44E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4809	ALL	652472.3	4186989	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.26E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
4810	ALL	652489.8	4186951	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.08E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4811	ALL	652507.3	4186913	NonCancer	0.00E+00	4.58E-07	0.00E+00	3.04E-08	3.04E-08	3.04E-08	6.91E-06	0.00E+00	1.14E-06	0.00E+00	3.04E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4812	ALL	652524.8	4186875	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.77E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4813	ALL	652542.3	4186837	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.64E-06	0.00E+00	1.10E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
4814	ALL	652559.8	4186799	NonCancer	0.00E+00	4.31E-07	0.00E+00	2.86E-08	2.86E-08	2.86E-08	6.51E-06	0.00E+00	1.07E-06	0.00E+00	2.86E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4815	ALL	652577.3	4186761	NonCancer	0.00E+00	4.23E-07	0.00E+00	2.80E-08	2.80E-08	2.80E-08	6.40E-06	0.00E+00	1.05E-06	0.00E+00	2.80E-08	1.64E-05	0.00E+00	0.00E+00	1.64E-05
4816	ALL	652594.8	4186723	NonCancer	0.00E+00	4.15E-07	0.00E+00	2.75E-08	2.75E-08	2.75E-08	6.29E-06	0.00E+00	1.03E-06	0.00E+00	2.75E-08	1.61E-05	0.00E+00	0.00E+00	1.61E-05
4817	ALL	652623.1	4186696	NonCancer	0.00E+00	4.14E-07	0.00E+00	2.74E-08	2.74E-08	2.74E-08	6.29E-06	0.00E+00	1.03E-06	0.00E+00	2.74E-08	1.61E-05	0.00E+00	0.00E+00	1.61E-05
4818	ALL	652662.2	4186682	NonCancer	0.00E+00	4.19E-07	0.00E+00	2.78E-08	2.78E-08	2.78E-08	6.39E-06	0.00E+00	1.05E-06	0.00E+00	2.78E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4819	ALL	652701.3	4186667	NonCancer	0.00E+00	4.26E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.50E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
4820	ALL	652740.4	4186652	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.63E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4821	ALL	652779.5	4186637	NonCancer	0.00E+00	4.47E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.76E-06	0.00E+00	1.11E-06	0.00E+00	2.97E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
4822	ALL	652818.5	4186623	NonCancer	0.00E+00	4.56E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.90E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4823	ALL	652857.6	4186608	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	7.03E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4824	ALL	652896.7	4186593	NonCancer	0.00E+00	4.69E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.17E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4825	ALL	652935.8	4186578	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.33E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4826	ALL	652974.9	4186563	NonCancer	0.00E+00	4.90E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.50E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4827	ALL	653014	4186549	NonCancer	0.00E+00	5.06E-07	0.00E+00	3.36E-08	3.36E-08	3.36E-08	7.69E-06	0.00E+00	1.26E-06	0.00E+00	3.36E-08	1.96E-05	0.00E+00	0.00E+00	1.96E-05
4828	ALL	653053.1	4186534	NonCancer	0.00E+00	5.23E-07	0.00E+00	3.47E-08	3.47E-08	3.47E-08	7.88E-06	0.00E+00	1.30E-06	0.00E+00	3.47E-08	2.02E-05	0.00E+00	0.00E+00	2.02E-05
4829	ALL	653092.2	4186519	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	8.05E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
4830	ALL	653131.3	4186504	NonCancer	0.00E+00	5.50E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.19E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4831	ALL	653170.4	4186489	NonCancer	0.00E+00	5.59E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.29E-06	0.00E+00	1.39E-06	0.00E+00	3.71E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
4832	ALL	653209.5	4186475	NonCancer	0.00E+00	5.65E-07	0.00E+00	3.75E-08	3.75E-08	3.75E-08	8.36E-06	0.00E+00	1.41E-06	0.00E+00	3.75E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
4833	ALL	653248.6	4186460	NonCancer	0.00E+00	5.69E-07	0.00E+00	3.77E-08	3.77E-08	3.77E-08	8.40E-06	0.00E+00	1.42E-06	0.00E+00	3.77E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4834	ALL	653287.6	4186445	NonCancer	0.00E+00	5.70E-07	0.00E+00	3.78E-08	3.78E-08	3.78E-08	8.39E-06	0.00E+00	1.42E-06	0.00E+00	3.78E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4835	ALL	653326.7	4186430	NonCancer	0.00E+00	5.67E-07	0.00E+00	3.76E-08	3.76E-08	3.76E-08	8.35E-06	0.00E+00	1.41E-06	0.00E+00	3.76E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
4836	ALL	653365.8	4186415	NonCancer	0.00E+00	5.61E-07	0.00E+00	3.72E-08	3.72E-08	3.72E-08	8.27E-06	0.00E+00	1.40E-06	0.00E+00	3.72E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
4837	ALL	653404.9	4186401	NonCancer	0.00E+00	5.54E-07	0.00E+00	3.67E-08	3.67E-08	3.67E-08	8.17E-06	0.00E+00	1.38E-06	0.00E+00	3.67E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
4838	ALL	653444	4186386	NonCancer	0.00E+00	5.47E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.05E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4839	ALL	653483.1	4186371	NonCancer	0.00E+00	5.40E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	7.92E-06	0.00E+00	1.34E-06	0.00E+00	3.58E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
4840	ALL	653522.2	4186356	NonCancer	0.00E+00	5.31E-07	0.00E+00	3.53E-08	3.53E-08	3.53E-08	7.76E-06	0.00E+00	1.32E-06	0.00E+00	3.53E-08	2.04E-05	0.00E+00	0.00E+00	2.04E-05
4841	ALL	653561.3	4186341	NonCancer	0.00E+00	5.19E-07	0.00E+00	3.44E-08	3.44E-08	3.44E-08	7.58E-06	0.00E+00	1.29E-06	0.00E+00	3.44E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
4842	ALL	653600.4	4186327	NonCancer	0.00E+00	5.01E-07	0.00E+00	3.33E-08	3.33E-08	3.33E-08	7.38E-06	0.00E+00	1.25E-06	0.00E+00	3.33E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
4843	ALL	653639.5	4186312	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.17E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4844	ALL	653678.6	4186297	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	7.00E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4845	ALL	652095.1	4187826	NonCancer	0.00E+00	6.25E-07	0.00E+00	4.14E-08	4.14E-08	4.14E-08	9.53E-06	0.00E+00	1.56E-06	0.00E+00	4.14E-08	2.43E-05	0.00E+00	0.00E+00	2.43E-05
4846	ALL	652093.3	4187867	NonCancer	0.00E+00	6.34E-07	0.00E+00	4.21E-08	4.21E-08	4.21E-08	9.71E-06	0.00E+00	1.58E-06	0.00E+00	4.21E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
4847	ALL	652091.4	4187909	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.28E-08	4.28E-08	4.28E-08	9.88E-06	0.00E+00	1.61E-06	0.00E+00	4.28E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
4848	ALL	651854.9	4187775	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.48E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4849	ALL	651872.1	4187738	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.45E-06	0.00E+00	1.23E-06	0.00E+00	3.26E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05

4850	ALL	651889.4	4187700	NonCancer	0.00E+00	4.89E-07	0.00E+00	3.24E-08	3.24E-08	3.24E-08	7.41E-06	0.00E+00	1.22E-06	0.00E+00	3.24E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
4851	ALL	651906.6	4187663	NonCancer	0.00E+00	4.84E-07	0.00E+00	3.21E-08	3.21E-08	3.21E-08	7.36E-06	0.00E+00	1.21E-06	0.00E+00	3.21E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
4852	ALL	651923.9	4187625	NonCancer	0.00E+00	4.79E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.32E-06	0.00E+00	1.19E-06	0.00E+00	3.18E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4853	ALL	651941.2	4187588	NonCancer	0.00E+00	4.76E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	7.28E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
4854	ALL	651958.4	4187550	NonCancer	0.00E+00	4.75E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	7.25E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
4855	ALL	651975.7	4187513	NonCancer	0.00E+00	4.75E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	7.22E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
4856	ALL	651992.9	4187476	NonCancer	0.00E+00	4.74E-07	0.00E+00	3.14E-08	3.14E-08	3.14E-08	7.18E-06	0.00E+00	1.18E-06	0.00E+00	3.14E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
4857	ALL	652010.2	4187438	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.11E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4858	ALL	652027.5	4187401	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	7.02E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4859	ALL	652044.7	4187363	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.92E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4860	ALL	652062	4187326	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.84E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4861	ALL	652079.2	4187288	NonCancer	0.00E+00	4.44E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.77E-06	0.00E+00	1.11E-06	0.00E+00	2.94E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
4862	ALL	652096.5	4187251	NonCancer	0.00E+00	4.41E-07	0.00E+00	2.93E-08	2.93E-08	2.93E-08	6.72E-06	0.00E+00	1.10E-06	0.00E+00	2.93E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4863	ALL	652113.8	4187214	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.67E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
4864	ALL	652131	4187176	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.62E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4865	ALL	652148.3	4187139	NonCancer	0.00E+00	4.34E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.57E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
4866	ALL	652165.5	4187101	NonCancer	0.00E+00	4.32E-07	0.00E+00	2.86E-08	2.86E-08	2.86E-08	6.51E-06	0.00E+00	1.08E-06	0.00E+00	2.86E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4867	ALL	652182.8	4187064	NonCancer	0.00E+00	4.28E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.44E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
4868	ALL	652200.1	4187026	NonCancer	0.00E+00	4.23E-07	0.00E+00	2.80E-08	2.80E-08	2.80E-08	6.34E-06	0.00E+00	1.05E-06	0.00E+00	2.80E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4869	ALL	652217.3	4186989	NonCancer	0.00E+00	4.14E-07	0.00E+00	2.75E-08	2.75E-08	2.75E-08	6.24E-06	0.00E+00	1.03E-06	0.00E+00	2.75E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
4870	ALL	652234.6	4186952	NonCancer	0.00E+00	4.06E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.12E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
4871	ALL	652251.8	4186914	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	6.00E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
4872	ALL	652269.1	4186877	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.88E-06	0.00E+00	9.72E-07	0.00E+00	2.59E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
4873	ALL	652286.4	4186839	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.76E-06	0.00E+00	9.52E-07	0.00E+00	2.53E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
4874	ALL	652303.6	4186802	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.63E-06	0.00E+00	9.31E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
4875	ALL	652320.9	4186764	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.52E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
4876	ALL	652338.1	4186727	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.41E-06	0.00E+00	8.94E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
4877	ALL	652355.4	4186689	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.32E-06	0.00E+00	8.79E-07	0.00E+00	2.34E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
4878	ALL	652372.7	4186652	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.23E-06	0.00E+00	8.64E-07	0.00E+00	2.30E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
4879	ALL	652389.9	4186615	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.15E-06	0.00E+00	8.50E-07	0.00E+00	2.26E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
4880	ALL	652407.2	4186577	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.08E-06	0.00E+00	8.36E-07	0.00E+00	2.22E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4881	ALL	652424.5	4186540	NonCancer	0.00E+00	3.30E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	5.00E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
4882	ALL	652452.4	4186514	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	5.00E-06	0.00E+00	8.21E-07	0.00E+00	2.18E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
4883	ALL	652490.9	4186499	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.07E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4884	ALL	652529.5	4186485	NonCancer	0.00E+00	3.37E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.14E-06	0.00E+00	8.41E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
4885	ALL	652568	4186470	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	5.22E-06	0.00E+00	8.55E-07	0.00E+00	2.28E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
4886	ALL	652606.6	4186455	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.31E-06	0.00E+00	8.74E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
4887	ALL	652645.1	4186441	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.41E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
4888	ALL	652683.7	4186426	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.50E-06	0.00E+00	9.08E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
4889	ALL	652722.2	4186412	NonCancer	0.00E+00	3.69E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.58E-06	0.00E+00	9.20E-07	0.00E+00	2.45E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
4890	ALL	652760.8	4186397	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.67E-06	0.00E+00	9.29E-07	0.00E+00	2.47E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
4891	ALL	652799.3	4186382	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.78E-06	0.00E+00	9.41E-07	0.00E+00	2.50E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
4892	ALL	652837.9	4186368	NonCancer	0.00E+00	3.84E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.89E-06	0.00E+00	9.59E-07	0.00E+00	2.55E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
4893	ALL	652876.4	4186353	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	6.02E-06	0.00E+00	9.83E-07	0.00E+00	2.61E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
4894	ALL	652915	4186339	NonCancer	0.00E+00	4.06E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
4895	ALL	652953.5	4186324	NonCancer	0.00E+00	4.17E-07	0.00E+00	2.77E-08	2.77E-08	2.77E-08	6.29E-06	0.00E+00	1.04E-06	0.00E+00	2.77E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
4896	ALL	652992.1	4186309	NonCancer	0.00E+00	4.28E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.41E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
4897	ALL	653030.7	4186295	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.51E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
4898	ALL	653069.2	4186280	NonCancer	0.00E+00	4.43E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.59E-06	0.00E+00	1.10E-06	0.00E+00	2.94E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4899	ALL	653107.8	4186266	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.65E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05

4900	ALL	653146.3	4186251	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.69E-06	0.00E+00	1.13E-06	0.00E+00	3.00E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4901	ALL	653184.9	4186237	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.72E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
4902	ALL	653223.4	4186222	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.02E-08	3.02E-08	3.02E-08	6.71E-06	0.00E+00	1.13E-06	0.00E+00	3.02E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
4903	ALL	653262	4186207	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.69E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4904	ALL	653300.5	4186193	NonCancer	0.00E+00	4.50E-07	0.00E+00	2.98E-08	2.98E-08	2.98E-08	6.64E-06	0.00E+00	1.12E-06	0.00E+00	2.98E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
4905	ALL	653339.1	4186178	NonCancer	0.00E+00	4.44E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.57E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4906	ALL	653377.6	4186164	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.49E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4907	ALL	653416.2	4186149	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.41E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4908	ALL	653454.7	4186134	NonCancer	0.00E+00	4.30E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.32E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
4909	ALL	653493.3	4186120	NonCancer	0.00E+00	4.24E-07	0.00E+00	2.81E-08	2.81E-08	2.81E-08	6.21E-06	0.00E+00	1.06E-06	0.00E+00	2.81E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4910	ALL	653531.8	4186105	NonCancer	0.00E+00	4.16E-07	0.00E+00	2.76E-08	2.76E-08	2.76E-08	6.08E-06	0.00E+00	1.03E-06	0.00E+00	2.76E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
4911	ALL	653570.4	4186091	NonCancer	0.00E+00	4.04E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	5.94E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
4912	ALL	653608.9	4186076	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.79E-06	0.00E+00	9.71E-07	0.00E+00	2.59E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
4913	ALL	653647.5	4186061	NonCancer	0.00E+00	3.76E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.65E-06	0.00E+00	9.38E-07	0.00E+00	2.50E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
4914	ALL	653686.1	4186047	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.54E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
4915	ALL	651845.3	4187815	NonCancer	0.00E+00	4.95E-07	0.00E+00	3.28E-08	3.28E-08	3.28E-08	7.55E-06	0.00E+00	1.23E-06	0.00E+00	3.28E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
4916	ALL	651843.5	4187856	NonCancer	0.00E+00	5.01E-07	0.00E+00	3.32E-08	3.32E-08	3.32E-08	7.67E-06	0.00E+00	1.25E-06	0.00E+00	3.32E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
4917	ALL	651841.7	4187898	NonCancer	0.00E+00	5.09E-07	0.00E+00	3.37E-08	3.37E-08	3.37E-08	7.78E-06	0.00E+00	1.27E-06	0.00E+00	3.37E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
4918	ALL	651355.4	4187753	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.09E-06	0.00E+00	8.36E-07	0.00E+00	2.22E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4919	ALL	651372.7	4187716	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.09E-06	0.00E+00	8.38E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4920	ALL	651390	4187678	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.07E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4921	ALL	651407.4	4187640	NonCancer	0.00E+00	3.34E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.05E-06	0.00E+00	8.33E-07	0.00E+00	2.22E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4922	ALL	651424.7	4187603	NonCancer	0.00E+00	3.32E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	5.02E-06	0.00E+00	8.27E-07	0.00E+00	2.20E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4923	ALL	651442.1	4187565	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.99E-06	0.00E+00	8.19E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4924	ALL	651459.4	4187528	NonCancer	0.00E+00	3.25E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.97E-06	0.00E+00	8.12E-07	0.00E+00	2.16E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4925	ALL	651476.7	4187490	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.95E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4926	ALL	651494.1	4187452	NonCancer	0.00E+00	3.23E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.94E-06	0.00E+00	8.06E-07	0.00E+00	2.14E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4927	ALL	651511.4	4187415	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.93E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4928	ALL	651528.7	4187377	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.91E-06	0.00E+00	8.08E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4929	ALL	651546.1	4187340	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.88E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
4930	ALL	651563.4	4187302	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.85E-06	0.00E+00	8.01E-07	0.00E+00	2.13E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
4931	ALL	651580.7	4187264	NonCancer	0.00E+00	3.17E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.80E-06	0.00E+00	7.91E-07	0.00E+00	2.10E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
4932	ALL	651598.1	4187227	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.74E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
4933	ALL	651615.4	4187189	NonCancer	0.00E+00	3.08E-07	0.00E+00	2.04E-08	2.04E-08	2.04E-08	4.69E-06	0.00E+00	7.67E-07	0.00E+00	2.04E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4934	ALL	651632.8	4187152	NonCancer	0.00E+00	3.05E-07	0.00E+00	2.02E-08	2.02E-08	2.02E-08	4.65E-06	0.00E+00	7.59E-07	0.00E+00	2.02E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4935	ALL	651650.1	4187114	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.61E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4936	ALL	651667.4	4187076	NonCancer	0.00E+00	3.02E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.58E-06	0.00E+00	7.52E-07	0.00E+00	2.00E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4937	ALL	651684.8	4187039	NonCancer	0.00E+00	3.01E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.56E-06	0.00E+00	7.50E-07	0.00E+00	1.99E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4938	ALL	651702.1	4187001	NonCancer	0.00E+00	2.99E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.54E-06	0.00E+00	7.46E-07	0.00E+00	1.98E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4939	ALL	651719.4	4186964	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.51E-06	0.00E+00	7.42E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4940	ALL	651736.8	4186926	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.49E-06	0.00E+00	7.38E-07	0.00E+00	1.96E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4941	ALL	651754.1	4186888	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.46E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4942	ALL	651771.4	4186851	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.42E-06	0.00E+00	7.34E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4943	ALL	651788.8	4186813	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.38E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4944	ALL	651806.1	4186776	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.33E-06	0.00E+00	7.19E-07	0.00E+00	1.91E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4945	ALL	651823.5	4186738	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.27E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4946	ALL	651840.8	4186700	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.20E-06	0.00E+00	6.94E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4947	ALL	651858.1	4186663	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.14E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4948	ALL	651875.5	4186625	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.08E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4949	ALL	651892.8	4186588	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	4.01E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05

4950	ALL	651910.1	4186550	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.94E-06	0.00E+00	6.52E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4951	ALL	651927.5	4186512	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.87E-06	0.00E+00	6.40E-07	0.00E+00	1.70E-08	9.95E-06	0.00E+00	0.00E+00	9.95E-06
4952	ALL	651944.8	4186475	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.81E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.78E-06	0.00E+00	0.00E+00	9.78E-06
4953	ALL	651962.1	4186437	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.75E-06	0.00E+00	6.19E-07	0.00E+00	1.65E-08	9.62E-06	0.00E+00	0.00E+00	9.62E-06
4954	ALL	651979.5	4186400	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.69E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.48E-06	0.00E+00	0.00E+00	9.48E-06
4955	ALL	651996.8	4186362	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.64E-06	0.00E+00	6.02E-07	0.00E+00	1.60E-08	9.35E-06	0.00E+00	0.00E+00	9.35E-06
4956	ALL	652014.2	4186324	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.59E-06	0.00E+00	5.94E-07	0.00E+00	1.58E-08	9.23E-06	0.00E+00	0.00E+00	9.23E-06
4957	ALL	652031.5	4186287	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.55E-06	0.00E+00	5.85E-07	0.00E+00	1.56E-08	9.10E-06	0.00E+00	0.00E+00	9.10E-06
4958	ALL	652048.8	4186249	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.50E-06	0.00E+00	5.77E-07	0.00E+00	1.54E-08	8.98E-06	0.00E+00	0.00E+00	8.98E-06
4959	ALL	652066.2	4186212	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.46E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.87E-06	0.00E+00	0.00E+00	8.87E-06
4960	ALL	652083.5	4186174	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.42E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4961	ALL	652111.5	4186148	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.42E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.75E-06	0.00E+00	0.00E+00	8.75E-06
4962	ALL	652150.2	4186133	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.46E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.83E-06	0.00E+00	0.00E+00	8.83E-06
4963	ALL	652189	4186119	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.49E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
4964	ALL	652227.7	4186104	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.54E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	9.02E-06	0.00E+00	0.00E+00	9.02E-06
4965	ALL	652266.4	4186089	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.58E-06	0.00E+00	5.87E-07	0.00E+00	1.56E-08	9.14E-06	0.00E+00	0.00E+00	9.14E-06
4966	ALL	652305.1	4186075	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.63E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.30E-06	0.00E+00	0.00E+00	9.30E-06
4967	ALL	652343.9	4186060	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.69E-06	0.00E+00	6.09E-07	0.00E+00	1.62E-08	9.46E-06	0.00E+00	0.00E+00	9.46E-06
4968	ALL	652382.6	4186045	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.74E-06	0.00E+00	6.19E-07	0.00E+00	1.65E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
4969	ALL	652421.3	4186031	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.78E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
4970	ALL	652460	4186016	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.83E-06	0.00E+00	6.32E-07	0.00E+00	1.68E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
4971	ALL	652498.8	4186001	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.87E-06	0.00E+00	6.36E-07	0.00E+00	1.69E-08	9.89E-06	0.00E+00	0.00E+00	9.89E-06
4972	ALL	652537.5	4185987	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.92E-06	0.00E+00	6.40E-07	0.00E+00	1.70E-08	9.99E-06	0.00E+00	0.00E+00	9.99E-06
4973	ALL	652576.2	4185972	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.98E-06	0.00E+00	6.48E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4974	ALL	652614.9	4185957	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	4.05E-06	0.00E+00	6.59E-07	0.00E+00	1.75E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4975	ALL	652653.6	4185943	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.12E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4976	ALL	652692.4	4185928	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.20E-06	0.00E+00	6.89E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4977	ALL	652731.1	4185913	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.28E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4978	ALL	652769.8	4185899	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.35E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4979	ALL	652808.5	4185884	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.42E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4980	ALL	652847.3	4185870	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.47E-06	0.00E+00	7.48E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4981	ALL	652886	4185855	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.52E-06	0.00E+00	7.56E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4982	ALL	652924.7	4185840	NonCancer	0.00E+00	3.06E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.56E-06	0.00E+00	7.63E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4983	ALL	652963.4	4185826	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.59E-06	0.00E+00	7.69E-07	0.00E+00	2.05E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4984	ALL	653002.1	4185811	NonCancer	0.00E+00	3.11E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.61E-06	0.00E+00	7.74E-07	0.00E+00	2.06E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4985	ALL	653040.9	4185796	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.63E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4986	ALL	653079.6	4185782	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.63E-06	0.00E+00	7.79E-07	0.00E+00	2.08E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4987	ALL	653118.3	4185767	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.62E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4988	ALL	653157	4185752	NonCancer	0.00E+00	3.11E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.59E-06	0.00E+00	7.74E-07	0.00E+00	2.06E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4989	ALL	653195.8	4185738	NonCancer	0.00E+00	3.08E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.56E-06	0.00E+00	7.68E-07	0.00E+00	2.05E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4990	ALL	653234.5	4185723	NonCancer	0.00E+00	3.05E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.53E-06	0.00E+00	7.60E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4991	ALL	653273.2	4185708	NonCancer	0.00E+00	3.02E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.49E-06	0.00E+00	7.53E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4992	ALL	653311.9	4185694	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.44E-06	0.00E+00	7.46E-07	0.00E+00	1.99E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4993	ALL	653350.7	4185679	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.40E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4994	ALL	653389.4	4185664	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.35E-06	0.00E+00	7.34E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4995	ALL	653428.1	4185650	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.29E-06	0.00E+00	7.27E-07	0.00E+00	1.94E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4996	ALL	653466.8	4185635	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.22E-06	0.00E+00	7.16E-07	0.00E+00	1.91E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4997	ALL	653505.5	4185620	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.14E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4998	ALL	653544.3	4185606	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4999	ALL	653583	4185591	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.96E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05

5000	ALL	653621.7	4185576	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.88E-06	0.00E+00	6.43E-07	0.00E+00	1.71E-08	9.99E-06	0.00E+00	0.00E+00	9.99E-06
5001	ALL	653660.4	4185562	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.81E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.77E-06	0.00E+00	0.00E+00	9.77E-06
5002	ALL	653699.2	4185547	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.76E-06	0.00E+00	6.16E-07	0.00E+00	1.64E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
5003	ALL	651345.8	4187793	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.12E-06	0.00E+00	8.38E-07	0.00E+00	2.23E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5004	ALL	651344	4187835	NonCancer	0.00E+00	3.39E-07	0.00E+00	2.25E-08	2.25E-08	2.25E-08	5.18E-06	0.00E+00	8.45E-07	0.00E+00	2.25E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
5005	ALL	651342.2	4187876	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.24E-06	0.00E+00	8.54E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5006	ALL	650855.9	4187731	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.73E-06	0.00E+00	6.11E-07	0.00E+00	1.63E-08	9.52E-06	0.00E+00	0.00E+00	9.52E-06
5007	ALL	650873.3	4187694	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.72E-06	0.00E+00	6.13E-07	0.00E+00	1.63E-08	9.54E-06	0.00E+00	0.00E+00	9.54E-06
5008	ALL	650890.6	4187656	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.72E-06	0.00E+00	6.14E-07	0.00E+00	1.63E-08	9.54E-06	0.00E+00	0.00E+00	9.54E-06
5009	ALL	650908	4187618	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.71E-06	0.00E+00	6.14E-07	0.00E+00	1.63E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5010	ALL	650925.4	4187581	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.70E-06	0.00E+00	6.12E-07	0.00E+00	1.63E-08	9.50E-06	0.00E+00	0.00E+00	9.50E-06
5011	ALL	650942.8	4187543	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.68E-06	0.00E+00	6.08E-07	0.00E+00	1.62E-08	9.45E-06	0.00E+00	0.00E+00	9.45E-06
5012	ALL	650960.2	4187505	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.66E-06	0.00E+00	6.03E-07	0.00E+00	1.60E-08	9.38E-06	0.00E+00	0.00E+00	9.38E-06
5013	ALL	650977.6	4187467	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.65E-06	0.00E+00	5.98E-07	0.00E+00	1.59E-08	9.31E-06	0.00E+00	0.00E+00	9.31E-06
5014	ALL	650995	4187430	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.63E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.25E-06	0.00E+00	0.00E+00	9.25E-06
5015	ALL	651012.3	4187392	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.62E-06	0.00E+00	5.91E-07	0.00E+00	1.57E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
5016	ALL	651029.7	4187354	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.61E-06	0.00E+00	5.90E-07	0.00E+00	1.57E-08	9.20E-06	0.00E+00	0.00E+00	9.20E-06
5017	ALL	651047.1	4187317	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.61E-06	0.00E+00	5.92E-07	0.00E+00	1.57E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
5018	ALL	651064.5	4187279	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.61E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.22E-06	0.00E+00	0.00E+00	9.22E-06
5019	ALL	651081.9	4187241	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.60E-06	0.00E+00	5.94E-07	0.00E+00	1.58E-08	9.23E-06	0.00E+00	0.00E+00	9.23E-06
5020	ALL	651099.3	4187203	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.58E-06	0.00E+00	5.92E-07	0.00E+00	1.58E-08	9.20E-06	0.00E+00	0.00E+00	9.20E-06
5021	ALL	651116.7	4187166	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.56E-06	0.00E+00	5.88E-07	0.00E+00	1.57E-08	9.14E-06	0.00E+00	0.00E+00	9.14E-06
5022	ALL	651134	4187128	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.52E-06	0.00E+00	5.82E-07	0.00E+00	1.55E-08	9.04E-06	0.00E+00	0.00E+00	9.04E-06
5023	ALL	651151.4	4187090	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.49E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
5024	ALL	651168.8	4187053	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.45E-06	0.00E+00	5.66E-07	0.00E+00	1.50E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
5025	ALL	651186.2	4187015	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.42E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
5026	ALL	651203.6	4186977	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.39E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.66E-06	0.00E+00	0.00E+00	8.66E-06
5027	ALL	651221	4186940	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.38E-06	0.00E+00	5.54E-07	0.00E+00	1.47E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5028	ALL	651238.4	4186902	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.36E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06
5029	ALL	651255.7	4186864	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.35E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
5030	ALL	651273.1	4186826	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.33E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5031	ALL	651290.5	4186789	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.32E-06	0.00E+00	5.47E-07	0.00E+00	1.45E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
5032	ALL	651307.9	4186751	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.31E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
5033	ALL	651325.3	4186713	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.29E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5034	ALL	651342.7	4186676	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.28E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
5035	ALL	651360.1	4186638	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.26E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
5036	ALL	651377.4	4186600	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.24E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
5037	ALL	651394.8	4186562	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.21E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.28E-06	0.00E+00	0.00E+00	8.28E-06
5038	ALL	651412.2	4186525	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.18E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
5039	ALL	651429.6	4186487	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.14E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.07E-06	0.00E+00	0.00E+00	8.07E-06
5040	ALL	651447	4186449	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.10E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.96E-06	0.00E+00	0.00E+00	7.96E-06
5041	ALL	651464.4	4186412	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.06E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.84E-06	0.00E+00	0.00E+00	7.84E-06
5042	ALL	651481.8	4186374	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.02E-06	0.00E+00	4.98E-07	0.00E+00	1.33E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
5043	ALL	651499.2	4186336	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.98E-06	0.00E+00	4.92E-07	0.00E+00	1.31E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
5044	ALL	651516.5	4186299	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5045	ALL	651533.9	4186261	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
5046	ALL	651551.3	4186223	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.86E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.34E-06	0.00E+00	0.00E+00	7.34E-06
5047	ALL	651568.7	4186185	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.82E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06
5048	ALL	651586.1	4186148	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.78E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.13E-06	0.00E+00	0.00E+00	7.13E-06
5049	ALL	651603.5	4186110	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06

5050	ALL	651620.9	4186072	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
5051	ALL	651638.2	4186035	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5052	ALL	651655.6	4185997	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.64E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
5053	ALL	651673	4185959	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.62E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
5054	ALL	651690.4	4185921	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.59E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.64E-06	0.00E+00	0.00E+00	6.64E-06
5055	ALL	651707.8	4185884	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.56E-06	0.00E+00	0.00E+00	6.56E-06
5056	ALL	651725.2	4185846	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
5057	ALL	651742.6	4185808	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5058	ALL	651770.7	4185782	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5059	ALL	651809.5	4185767	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
5060	ALL	651848.3	4185753	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.54E-06	0.00E+00	0.00E+00	6.54E-06
5061	ALL	651887.2	4185738	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
5062	ALL	651926	4185723	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5063	ALL	651964.8	4185709	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.64E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
5064	ALL	652003.7	4185694	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.67E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5065	ALL	652042.5	4185679	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
5066	ALL	652081.3	4185665	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.73E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
5067	ALL	652120.2	4185650	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5068	ALL	652159	4185635	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.79E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.18E-06	0.00E+00	0.00E+00	7.18E-06
5069	ALL	652197.8	4185621	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.81E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06
5070	ALL	652236.7	4185606	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.84E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.26E-06	0.00E+00	0.00E+00	7.26E-06
5071	ALL	652275.5	4185591	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.86E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5072	ALL	652314.3	4185576	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.90E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5073	ALL	652353.2	4185562	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.93E-06	0.00E+00	4.78E-07	0.00E+00	1.27E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
5074	ALL	652392	4185547	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.57E-06	0.00E+00	0.00E+00	7.57E-06
5075	ALL	652430.8	4185532	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	3.02E-06	0.00E+00	4.94E-07	0.00E+00	1.31E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
5076	ALL	652469.7	4185518	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.08E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.85E-06	0.00E+00	0.00E+00	7.85E-06
5077	ALL	652508.5	4185503	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.13E-06	0.00E+00	5.15E-07	0.00E+00	1.37E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
5078	ALL	652547.3	4185488	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.18E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
5079	ALL	652586.2	4185474	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.22E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
5080	ALL	652625	4185459	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.26E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
5081	ALL	652663.8	4185444	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.30E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5082	ALL	652702.7	4185429	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.33E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5083	ALL	652741.5	4185415	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.36E-06	0.00E+00	5.61E-07	0.00E+00	1.49E-08	8.68E-06	0.00E+00	0.00E+00	8.68E-06
5084	ALL	652780.3	4185400	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.38E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
5085	ALL	652819.2	4185385	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.39E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
5086	ALL	652858	4185371	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.41E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
5087	ALL	652896.8	4185356	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.74E-07	0.00E+00	1.53E-08	8.87E-06	0.00E+00	0.00E+00	8.87E-06
5088	ALL	652935.7	4185341	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5089	ALL	652974.5	4185327	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5090	ALL	653013.3	4185312	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.41E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
5091	ALL	653052.2	4185297	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.39E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.82E-06	0.00E+00	0.00E+00	8.82E-06
5092	ALL	653091	4185283	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.37E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
5093	ALL	653129.8	4185268	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.35E-06	0.00E+00	5.61E-07	0.00E+00	1.49E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
5094	ALL	653168.7	4185253	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.32E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5095	ALL	653207.5	4185238	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.30E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.55E-06	0.00E+00	0.00E+00	8.55E-06
5096	ALL	653246.3	4185224	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.27E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.49E-06	0.00E+00	0.00E+00	8.49E-06
5097	ALL	653285.2	4185209	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.25E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5098	ALL	653324	4185194	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
5099	ALL	653362.8	4185180	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06

5100	ALL	653401.7	4185165	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.14E-06	0.00E+00	5.31E-07	0.00E+00	1.42E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
5101	ALL	653440.5	4185150	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.09E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.08E-06	0.00E+00	0.00E+00	8.08E-06
5102	ALL	653479.3	4185136	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.04E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.92E-06	0.00E+00	0.00E+00	7.92E-06
5103	ALL	653518.2	4185121	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	2.98E-06	0.00E+00	5.00E-07	0.00E+00	1.33E-08	7.74E-06	0.00E+00	0.00E+00	7.74E-06
5104	ALL	653557	4185106	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.92E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5105	ALL	653595.8	4185091	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5106	ALL	653634.7	4185077	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.82E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.22E-06	0.00E+00	0.00E+00	7.22E-06
5107	ALL	653673.5	4185062	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.10E-06	0.00E+00	0.00E+00	7.10E-06
5108	ALL	653712.3	4185047	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.76E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
5109	ALL	650846.3	4187771	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.74E-06	0.00E+00	6.12E-07	0.00E+00	1.63E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5110	ALL	650844.4	4187813	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.77E-06	0.00E+00	6.16E-07	0.00E+00	1.64E-08	9.60E-06	0.00E+00	0.00E+00	9.60E-06
5111	ALL	650842.6	4187855	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.81E-06	0.00E+00	6.22E-07	0.00E+00	1.65E-08	9.70E-06	0.00E+00	0.00E+00	9.70E-06
5112	ALL	650356.4	4187710	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.86E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5113	ALL	650373.8	4187672	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
5114	ALL	650391.2	4187634	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.88E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5115	ALL	650408.6	4187596	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.75E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5116	ALL	650426	4187558	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.86E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
5117	ALL	650443.5	4187521	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.85E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.34E-06	0.00E+00	0.00E+00	7.34E-06
5118	ALL	650460.9	4187483	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.84E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
5119	ALL	650478.3	4187445	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.83E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.26E-06	0.00E+00	0.00E+00	7.26E-06
5120	ALL	650495.7	4187407	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.82E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
5121	ALL	650513.2	4187370	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.80E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
5122	ALL	650530.6	4187332	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5123	ALL	650548	4187294	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5124	ALL	650565.4	4187256	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.78E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
5125	ALL	650582.8	4187218	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.78E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5126	ALL	650600.3	4187181	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.78E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.10E-06	0.00E+00	0.00E+00	7.10E-06
5127	ALL	650617.7	4187143	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.78E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5128	ALL	650635.1	4187105	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.77E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5129	ALL	650652.5	4187067	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5130	ALL	650669.9	4187029	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
5131	ALL	650687.4	4186992	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.98E-06	0.00E+00	0.00E+00	6.98E-06
5132	ALL	650704.8	4186954	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
5133	ALL	650722.2	4186916	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.67E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5134	ALL	650739.6	4186878	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.65E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.75E-06	0.00E+00	0.00E+00	6.75E-06
5135	ALL	650757	4186841	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
5136	ALL	650774.5	4186803	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
5137	ALL	650791.9	4186765	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.60E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5138	ALL	650809.3	4186727	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.59E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
5139	ALL	650826.7	4186689	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
5140	ALL	650844.1	4186652	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.60E-06	0.00E+00	0.00E+00	6.60E-06
5141	ALL	650861.6	4186614	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.58E-06	0.00E+00	0.00E+00	6.58E-06
5142	ALL	650879	4186576	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06
5143	ALL	650896.4	4186538	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.55E-06	0.00E+00	4.19E-07	0.00E+00	1.11E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
5144	ALL	650913.8	4186501	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
5145	ALL	650931.3	4186463	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
5146	ALL	650948.7	4186425	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.52E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
5147	ALL	650966.1	4186387	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.16E-07	0.00E+00	1.11E-08	6.46E-06	0.00E+00	0.00E+00	6.46E-06
5148	ALL	650983.5	4186349	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.49E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
5149	ALL	651000.9	4186312	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.47E-06	0.00E+00	4.12E-07	0.00E+00	1.10E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06

5150	ALL	651018.4	4186274	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.45E-06	0.00E+00	4.07E-07	0.00E+00	1.08E-08	6.31E-06	0.00E+00	0.00E+00	6.31E-06
5151	ALL	651035.8	4186236	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.42E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.23E-06	0.00E+00	0.00E+00	6.23E-06
5152	ALL	651053.2	4186198	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.40E-06	0.00E+00	3.96E-07	0.00E+00	1.05E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
5153	ALL	651070.6	4186161	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.37E-06	0.00E+00	3.91E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
5154	ALL	651088	4186123	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.34E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
5155	ALL	651105.5	4186085	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.94E-06	0.00E+00	0.00E+00	5.94E-06
5156	ALL	651122.9	4186047	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
5157	ALL	651140.3	4186009	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.97E-09	9.97E-09	9.97E-09	2.27E-06	0.00E+00	3.74E-07	0.00E+00	9.97E-09	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5158	ALL	651157.7	4185972	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.85E-09	9.85E-09	9.85E-09	2.24E-06	0.00E+00	3.70E-07	0.00E+00	9.85E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
5159	ALL	651175.1	4185934	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.21E-06	0.00E+00	3.65E-07	0.00E+00	9.73E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5160	ALL	651192.6	4185896	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.60E-09	9.60E-09	9.60E-09	2.18E-06	0.00E+00	3.61E-07	0.00E+00	9.60E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
5161	ALL	651210	4185858	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.48E-09	9.48E-09	9.48E-09	2.16E-06	0.00E+00	3.56E-07	0.00E+00	9.48E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5162	ALL	651227.4	4185820	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.37E-09	9.37E-09	9.37E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.37E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5163	ALL	651244.8	4185783	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.28E-09	9.28E-09	9.28E-09	2.11E-06	0.00E+00	3.49E-07	0.00E+00	9.28E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5164	ALL	651262.3	4185745	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.20E-09	9.20E-09	9.20E-09	2.09E-06	0.00E+00	3.46E-07	0.00E+00	9.20E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5165	ALL	651279.7	4185707	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.07E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.32E-06	0.00E+00	0.00E+00	5.32E-06
5166	ALL	651297.1	4185669	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.03E-09	9.03E-09	9.03E-09	2.05E-06	0.00E+00	3.39E-07	0.00E+00	9.03E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5167	ALL	651314.5	4185632	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.03E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5168	ALL	651331.9	4185594	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.82E-09	8.82E-09	8.82E-09	2.01E-06	0.00E+00	3.31E-07	0.00E+00	8.82E-09	5.15E-06	0.00E+00	0.00E+00	5.15E-06
5169	ALL	651349.4	4185556	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.73E-09	8.73E-09	8.73E-09	1.99E-06	0.00E+00	3.28E-07	0.00E+00	8.73E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
5170	ALL	651366.8	4185518	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.64E-09	8.64E-09	8.64E-09	1.97E-06	0.00E+00	3.25E-07	0.00E+00	8.64E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
5171	ALL	651384.2	4185480	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.57E-09	8.57E-09	8.57E-09	1.96E-06	0.00E+00	3.22E-07	0.00E+00	8.57E-09	5.01E-06	0.00E+00	0.00E+00	5.01E-06
5172	ALL	651401.6	4185443	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.51E-09	8.51E-09	8.51E-09	1.94E-06	0.00E+00	3.20E-07	0.00E+00	8.51E-09	4.97E-06	0.00E+00	0.00E+00	4.97E-06
5173	ALL	651429.8	4185416	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.51E-09	8.51E-09	8.51E-09	1.94E-06	0.00E+00	3.20E-07	0.00E+00	8.51E-09	4.97E-06	0.00E+00	0.00E+00	4.97E-06
5174	ALL	651468.7	4185402	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.57E-09	8.57E-09	8.57E-09	1.96E-06	0.00E+00	3.22E-07	0.00E+00	8.57E-09	5.01E-06	0.00E+00	0.00E+00	5.01E-06
5175	ALL	651507.6	4185387	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.62E-09	8.62E-09	8.62E-09	1.97E-06	0.00E+00	3.24E-07	0.00E+00	8.62E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06
5176	ALL	651546.5	4185372	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.68E-09	8.68E-09	8.68E-09	1.99E-06	0.00E+00	3.26E-07	0.00E+00	8.68E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
5177	ALL	651585.4	4185357	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.74E-09	8.74E-09	8.74E-09	2.00E-06	0.00E+00	3.28E-07	0.00E+00	8.74E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
5178	ALL	651624.3	4185343	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.81E-09	8.81E-09	8.81E-09	2.02E-06	0.00E+00	3.31E-07	0.00E+00	8.81E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
5179	ALL	651663.3	4185328	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.04E-06	0.00E+00	3.34E-07	0.00E+00	8.90E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5180	ALL	651702.2	4185313	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.01E-09	9.01E-09	9.01E-09	2.06E-06	0.00E+00	3.39E-07	0.00E+00	9.01E-09	5.27E-06	0.00E+00	0.00E+00	5.27E-06
5181	ALL	651741.1	4185299	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.14E-09	9.14E-09	9.14E-09	2.08E-06	0.00E+00	3.44E-07	0.00E+00	9.14E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5182	ALL	651780	4185284	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.28E-09	9.28E-09	9.28E-09	2.11E-06	0.00E+00	3.49E-07	0.00E+00	9.28E-09	5.41E-06	0.00E+00	0.00E+00	5.41E-06
5183	ALL	651818.9	4185269	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.13E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.48E-06	0.00E+00	0.00E+00	5.48E-06
5184	ALL	651857.8	4185254	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.50E-09	9.50E-09	9.50E-09	2.15E-06	0.00E+00	3.57E-07	0.00E+00	9.50E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5185	ALL	651896.7	4185240	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.16E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.57E-06	0.00E+00	0.00E+00	5.57E-06
5186	ALL	651935.6	4185225	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.60E-09	9.60E-09	9.60E-09	2.18E-06	0.00E+00	3.61E-07	0.00E+00	9.60E-09	5.60E-06	0.00E+00	0.00E+00	5.60E-06
5187	ALL	651974.6	4185210	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.19E-06	0.00E+00	3.61E-07	0.00E+00	9.62E-09	5.62E-06	0.00E+00	0.00E+00	5.62E-06
5188	ALL	652013.5	4185196	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.64E-09	9.64E-09	9.64E-09	2.21E-06	0.00E+00	3.62E-07	0.00E+00	9.64E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
5189	ALL	652052.4	4185181	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.68E-09	9.68E-09	9.68E-09	2.23E-06	0.00E+00	3.64E-07	0.00E+00	9.68E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5190	ALL	652091.3	4185166	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.76E-09	9.76E-09	9.76E-09	2.25E-06	0.00E+00	3.67E-07	0.00E+00	9.76E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
5191	ALL	652130.2	4185151	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.86E-09	9.86E-09	9.86E-09	2.28E-06	0.00E+00	3.71E-07	0.00E+00	9.86E-09	5.79E-06	0.00E+00	0.00E+00	5.79E-06
5192	ALL	652169.1	4185137	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.31E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5193	ALL	652208	4185122	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.34E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
5194	ALL	652246.9	4185107	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.37E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.06E-06	0.00E+00	0.00E+00	6.06E-06
5195	ALL	652285.8	4185092	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.41E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.17E-06	0.00E+00	0.00E+00	6.17E-06
5196	ALL	652324.8	4185078	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.44E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.27E-06	0.00E+00	0.00E+00	6.27E-06
5197	ALL	652363.7	4185063	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.11E-07	0.00E+00	1.09E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06
5198	ALL	652402.6	4185048	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
5199	ALL	652441.5	4185034	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06

5200	ALL	652480.4	4185019	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
5201	ALL	652519.3	4185004	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
5202	ALL	652558.2	4184989	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.59E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
5203	ALL	652597.1	4184975	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.61E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.75E-06	0.00E+00	0.00E+00	6.75E-06
5204	ALL	652636	4184960	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.62E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
5205	ALL	652675	4184945	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.64E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5206	ALL	652713.9	4184930	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
5207	ALL	652752.8	4184916	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.65E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5208	ALL	652791.7	4184901	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
5209	ALL	652830.6	4184886	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
5210	ALL	652869.5	4184872	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5211	ALL	652908.4	4184857	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
5212	ALL	652947.3	4184842	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.63E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5213	ALL	652986.3	4184827	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.62E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
5214	ALL	653025.2	4184813	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.60E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
5215	ALL	653064.1	4184798	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
5216	ALL	653103	4184783	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.57E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5217	ALL	653141.9	4184768	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.55E-06	0.00E+00	4.26E-07	0.00E+00	1.14E-08	6.61E-06	0.00E+00	0.00E+00	6.61E-06
5218	ALL	653180.8	4184754	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
5219	ALL	653219.7	4184739	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.52E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.53E-06	0.00E+00	0.00E+00	6.53E-06
5220	ALL	653258.6	4184724	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.50E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
5221	ALL	653297.5	4184710	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.47E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5222	ALL	653336.5	4184695	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.45E-06	0.00E+00	4.13E-07	0.00E+00	1.10E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06
5223	ALL	653375.4	4184680	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.42E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
5224	ALL	653414.3	4184665	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.38E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.21E-06	0.00E+00	0.00E+00	6.21E-06
5225	ALL	653453.2	4184651	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.34E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
5226	ALL	653492.1	4184636	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.30E-06	0.00E+00	3.85E-07	0.00E+00	1.03E-08	5.97E-06	0.00E+00	0.00E+00	5.97E-06
5227	ALL	653531	4184621	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.26E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5228	ALL	653569.9	4184606	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.77E-09	9.77E-09	9.77E-09	2.22E-06	0.00E+00	3.67E-07	0.00E+00	9.77E-09	5.71E-06	0.00E+00	0.00E+00	5.71E-06
5229	ALL	653608.8	4184592	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.19E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.60E-06	0.00E+00	0.00E+00	5.60E-06
5230	ALL	653647.8	4184577	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.16E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06
5231	ALL	653686.7	4184562	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.14E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.45E-06	0.00E+00	0.00E+00	5.45E-06
5232	ALL	653725.6	4184548	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.24E-09	9.24E-09	9.24E-09	2.13E-06	0.00E+00	3.47E-07	0.00E+00	9.24E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5233	ALL	650346.7	4187749	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.87E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.32E-06	0.00E+00	0.00E+00	7.32E-06
5234	ALL	650344.9	4187791	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.89E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
5235	ALL	650343.1	4187833	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.92E-06	0.00E+00	4.75E-07	0.00E+00	1.26E-08	7.42E-06	0.00E+00	0.00E+00	7.42E-06
5236	ALL	649856.8	4187688	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.94E-09	9.94E-09	9.94E-09	2.28E-06	0.00E+00	3.74E-07	0.00E+00	9.94E-09	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5237	ALL	649874.3	4187650	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.28E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5238	ALL	649891.7	4187612	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.28E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
5239	ALL	649909.2	4187574	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5240	ALL	649926.6	4187536	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5241	ALL	649944.1	4187499	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5242	ALL	649961.5	4187461	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.86E-06	0.00E+00	0.00E+00	5.86E-06
5243	ALL	649979	4187423	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.27E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5244	ALL	649996.4	4187385	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.95E-09	9.95E-09	9.95E-09	2.26E-06	0.00E+00	3.74E-07	0.00E+00	9.95E-09	5.80E-06	0.00E+00	0.00E+00	5.80E-06
5245	ALL	650013.9	4187347	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.87E-09	9.87E-09	9.87E-09	2.25E-06	0.00E+00	3.71E-07	0.00E+00	9.87E-09	5.76E-06	0.00E+00	0.00E+00	5.76E-06
5246	ALL	650031.3	4187309	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.78E-09	9.78E-09	9.78E-09	2.24E-06	0.00E+00	3.68E-07	0.00E+00	9.78E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
5247	ALL	650048.8	4187272	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.71E-09	9.71E-09	9.71E-09	2.23E-06	0.00E+00	3.65E-07	0.00E+00	9.71E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5248	ALL	650066.2	4187234	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.65E-09	9.65E-09	9.65E-09	2.22E-06	0.00E+00	3.63E-07	0.00E+00	9.65E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
5249	ALL	650083.7	4187196	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.22E-06	0.00E+00	3.62E-07	0.00E+00	9.62E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06

5250	ALL	650101.1	4187158	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.21E-06	0.00E+00	3.62E-07	0.00E+00	9.62E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
5251	ALL	650118.6	4187120	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.64E-09	9.64E-09	9.64E-09	2.22E-06	0.00E+00	3.63E-07	0.00E+00	9.64E-09	5.65E-06	0.00E+00	0.00E+00	5.65E-06
5252	ALL	650136	4187082	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.68E-09	9.68E-09	9.68E-09	2.22E-06	0.00E+00	3.64E-07	0.00E+00	9.68E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
5253	ALL	650153.4	4187045	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.71E-09	9.71E-09	9.71E-09	2.22E-06	0.00E+00	3.65E-07	0.00E+00	9.71E-09	5.67E-06	0.00E+00	0.00E+00	5.67E-06
5254	ALL	650170.9	4187007	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.74E-09	9.74E-09	9.74E-09	2.22E-06	0.00E+00	3.66E-07	0.00E+00	9.74E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
5255	ALL	650188.3	4186969	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.76E-09	9.76E-09	9.76E-09	2.21E-06	0.00E+00	3.67E-07	0.00E+00	9.76E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
5256	ALL	650205.8	4186931	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.20E-06	0.00E+00	3.66E-07	0.00E+00	9.73E-09	5.67E-06	0.00E+00	0.00E+00	5.67E-06
5257	ALL	650223.2	4186893	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.66E-09	9.66E-09	9.66E-09	2.19E-06	0.00E+00	3.63E-07	0.00E+00	9.66E-09	5.63E-06	0.00E+00	0.00E+00	5.63E-06
5258	ALL	650240.7	4186855	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.18E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
5259	ALL	650258.1	4186817	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.48E-09	9.48E-09	9.48E-09	2.16E-06	0.00E+00	3.56E-07	0.00E+00	9.48E-09	5.54E-06	0.00E+00	0.00E+00	5.54E-06
5260	ALL	650275.6	4186780	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.36E-09	9.36E-09	9.36E-09	2.14E-06	0.00E+00	3.52E-07	0.00E+00	9.36E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5261	ALL	650293	4186742	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.25E-09	9.25E-09	9.25E-09	2.12E-06	0.00E+00	3.48E-07	0.00E+00	9.25E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5262	ALL	650310.5	4186704	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.17E-09	9.17E-09	9.17E-09	2.11E-06	0.00E+00	3.45E-07	0.00E+00	9.17E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5263	ALL	650327.9	4186666	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.10E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5264	ALL	650345.4	4186628	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.09E-09	9.09E-09	9.09E-09	2.08E-06	0.00E+00	3.42E-07	0.00E+00	9.09E-09	5.32E-06	0.00E+00	0.00E+00	5.32E-06
5265	ALL	650362.8	4186590	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.08E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5266	ALL	650380.3	4186553	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5267	ALL	650397.7	4186515	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
5268	ALL	650415.2	4186477	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.06E-09	9.06E-09	9.06E-09	2.06E-06	0.00E+00	3.40E-07	0.00E+00	9.06E-09	5.29E-06	0.00E+00	0.00E+00	5.29E-06
5269	ALL	650432.6	4186439	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.03E-09	9.03E-09	9.03E-09	2.06E-06	0.00E+00	3.39E-07	0.00E+00	9.03E-09	5.27E-06	0.00E+00	0.00E+00	5.27E-06
5270	ALL	650450	4186401	NonCancer	0.00E+00	1.36E-07	0.00E+00	8.99E-09	8.99E-09	8.99E-09	2.05E-06	0.00E+00	3.38E-07	0.00E+00	8.99E-09	5.25E-06	0.00E+00	0.00E+00	5.25E-06
5271	ALL	650467.5	4186363	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.94E-09	8.94E-09	8.94E-09	2.04E-06	0.00E+00	3.36E-07	0.00E+00	8.94E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
5272	ALL	650484.9	4186326	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.04E-06	0.00E+00	3.34E-07	0.00E+00	8.90E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5273	ALL	650502.4	4186288	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.87E-09	8.87E-09	8.87E-09	2.03E-06	0.00E+00	3.33E-07	0.00E+00	8.87E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
5274	ALL	650519.8	4186250	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5275	ALL	650537.3	4186212	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5276	ALL	650554.7	4186174	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.88E-09	8.88E-09	8.88E-09	2.01E-06	0.00E+00	3.33E-07	0.00E+00	8.88E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5277	ALL	650572.2	4186136	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.87E-09	8.87E-09	8.87E-09	2.00E-06	0.00E+00	3.33E-07	0.00E+00	8.87E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
5278	ALL	650589.6	4186099	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.83E-09	8.83E-09	8.83E-09	1.99E-06	0.00E+00	3.32E-07	0.00E+00	8.83E-09	5.14E-06	0.00E+00	0.00E+00	5.14E-06
5279	ALL	650607.1	4186061	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	1.97E-06	0.00E+00	3.29E-07	0.00E+00	8.77E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
5280	ALL	650624.5	4186023	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.68E-09	8.68E-09	8.68E-09	1.96E-06	0.00E+00	3.26E-07	0.00E+00	8.68E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
5281	ALL	650642	4185985	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.56E-09	8.56E-09	8.56E-09	1.94E-06	0.00E+00	3.22E-07	0.00E+00	8.56E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
5282	ALL	650659.4	4185947	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.45E-09	8.45E-09	8.45E-09	1.92E-06	0.00E+00	3.17E-07	0.00E+00	8.45E-09	4.93E-06	0.00E+00	0.00E+00	4.93E-06
5283	ALL	650676.9	4185909	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.34E-09	8.34E-09	8.34E-09	1.90E-06	0.00E+00	3.14E-07	0.00E+00	8.34E-09	4.87E-06	0.00E+00	0.00E+00	4.87E-06
5284	ALL	650694.3	4185872	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.25E-09	8.25E-09	8.25E-09	1.88E-06	0.00E+00	3.10E-07	0.00E+00	8.25E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
5285	ALL	650711.7	4185834	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.18E-09	8.18E-09	8.18E-09	1.87E-06	0.00E+00	3.07E-07	0.00E+00	8.18E-09	4.78E-06	0.00E+00	0.00E+00	4.78E-06
5286	ALL	650729.2	4185796	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.10E-09	8.10E-09	8.10E-09	1.85E-06	0.00E+00	3.04E-07	0.00E+00	8.10E-09	4.73E-06	0.00E+00	0.00E+00	4.73E-06
5287	ALL	650746.6	4185758	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.83E-06	0.00E+00	3.01E-07	0.00E+00	8.02E-09	4.68E-06	0.00E+00	0.00E+00	4.68E-06
5288	ALL	650764.1	4185720	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.96E-09	7.96E-09	7.96E-09	1.81E-06	0.00E+00	2.99E-07	0.00E+00	7.96E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
5289	ALL	650781.5	4185682	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.88E-09	7.88E-09	7.88E-09	1.79E-06	0.00E+00	2.96E-07	0.00E+00	7.88E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
5290	ALL	650799	4185644	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.79E-09	7.79E-09	7.79E-09	1.77E-06	0.00E+00	2.93E-07	0.00E+00	7.79E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
5291	ALL	650816.4	4185607	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.70E-09	7.70E-09	7.70E-09	1.75E-06	0.00E+00	2.89E-07	0.00E+00	7.70E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5292	ALL	650833.9	4185569	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.62E-09	7.62E-09	7.62E-09	1.73E-06	0.00E+00	2.86E-07	0.00E+00	7.62E-09	4.45E-06	0.00E+00	0.00E+00	4.45E-06
5293	ALL	650851.3	4185531	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.54E-09	7.54E-09	7.54E-09	1.72E-06	0.00E+00	2.83E-07	0.00E+00	7.54E-09	4.40E-06	0.00E+00	0.00E+00	4.40E-06
5294	ALL	650868.8	4185493	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.48E-09	7.48E-09	7.48E-09	1.70E-06	0.00E+00	2.81E-07	0.00E+00	7.48E-09	4.37E-06	0.00E+00	0.00E+00	4.37E-06
5295	ALL	650886.2	4185455	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.42E-09	7.42E-09	7.42E-09	1.68E-06	0.00E+00	2.79E-07	0.00E+00	7.42E-09	4.33E-06	0.00E+00	0.00E+00	4.33E-06
5296	ALL	650903.7	4185417	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.37E-09	7.37E-09	7.37E-09	1.67E-06	0.00E+00	2.77E-07	0.00E+00	7.37E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
5297	ALL	650921.1	4185380	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.31E-09	7.31E-09	7.31E-09	1.65E-06	0.00E+00	2.74E-07	0.00E+00	7.31E-09	4.26E-06	0.00E+00	0.00E+00	4.26E-06
5298	ALL	650938.6	4185342	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.24E-09	7.24E-09	7.24E-09	1.64E-06	0.00E+00	2.72E-07	0.00E+00	7.24E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
5299	ALL	650956	4185304	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.62E-06	0.00E+00	2.69E-07	0.00E+00	7.17E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06

5300	ALL	650973.5	4185266	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.09E-09	7.09E-09	7.09E-09	1.61E-06	0.00E+00	2.66E-07	0.00E+00	7.09E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
5301	ALL	650990.9	4185228	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.02E-09	7.02E-09	7.02E-09	1.60E-06	0.00E+00	2.64E-07	0.00E+00	7.02E-09	4.10E-06	0.00E+00	0.00E+00	4.10E-06
5302	ALL	651008.3	4185190	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.95E-09	6.95E-09	6.95E-09	1.59E-06	0.00E+00	2.61E-07	0.00E+00	6.95E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
5303	ALL	651025.8	4185153	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.58E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
5304	ALL	651043.2	4185115	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.85E-09	6.85E-09	6.85E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.85E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
5305	ALL	651060.7	4185077	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.81E-09	6.81E-09	6.81E-09	1.56E-06	0.00E+00	2.56E-07	0.00E+00	6.81E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
5306	ALL	651088.9	4185051	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.81E-09	6.81E-09	6.81E-09	1.56E-06	0.00E+00	2.56E-07	0.00E+00	6.81E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
5307	ALL	651127.9	4185036	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.86E-09	6.86E-09	6.86E-09	1.57E-06	0.00E+00	2.58E-07	0.00E+00	6.86E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
5308	ALL	651166.8	4185021	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.58E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
5309	ALL	651205.8	4185006	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.94E-09	6.94E-09	6.94E-09	1.59E-06	0.00E+00	2.61E-07	0.00E+00	6.94E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
5310	ALL	651244.8	4184992	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.98E-09	6.98E-09	6.98E-09	1.60E-06	0.00E+00	2.62E-07	0.00E+00	6.98E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
5311	ALL	651283.7	4184977	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.02E-09	7.02E-09	7.02E-09	1.61E-06	0.00E+00	2.64E-07	0.00E+00	7.02E-09	4.11E-06	0.00E+00	0.00E+00	4.11E-06
5312	ALL	651322.7	4184962	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.07E-09	7.07E-09	7.07E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.07E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
5313	ALL	651361.7	4184947	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.14E-09	7.14E-09	7.14E-09	1.64E-06	0.00E+00	2.68E-07	0.00E+00	7.14E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
5314	ALL	651400.7	4184933	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.22E-09	7.22E-09	7.22E-09	1.65E-06	0.00E+00	2.71E-07	0.00E+00	7.22E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
5315	ALL	651439.6	4184918	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.31E-09	7.31E-09	7.31E-09	1.67E-06	0.00E+00	2.75E-07	0.00E+00	7.31E-09	4.27E-06	0.00E+00	0.00E+00	4.27E-06
5316	ALL	651478.6	4184903	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.41E-09	7.41E-09	7.41E-09	1.68E-06	0.00E+00	2.78E-07	0.00E+00	7.41E-09	4.32E-06	0.00E+00	0.00E+00	4.32E-06
5317	ALL	651517.6	4184888	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.50E-09	7.50E-09	7.50E-09	1.70E-06	0.00E+00	2.82E-07	0.00E+00	7.50E-09	4.37E-06	0.00E+00	0.00E+00	4.37E-06
5318	ALL	651556.5	4184874	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.59E-09	7.59E-09	7.59E-09	1.71E-06	0.00E+00	2.85E-07	0.00E+00	7.59E-09	4.42E-06	0.00E+00	0.00E+00	4.42E-06
5319	ALL	651595.5	4184859	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.65E-09	7.65E-09	7.65E-09	1.72E-06	0.00E+00	2.87E-07	0.00E+00	7.65E-09	4.45E-06	0.00E+00	0.00E+00	4.45E-06
5320	ALL	651634.5	4184844	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.68E-09	7.68E-09	7.68E-09	1.74E-06	0.00E+00	2.89E-07	0.00E+00	7.68E-09	4.47E-06	0.00E+00	0.00E+00	4.47E-06
5321	ALL	651673.4	4184829	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.70E-09	7.70E-09	7.70E-09	1.75E-06	0.00E+00	2.89E-07	0.00E+00	7.70E-09	4.49E-06	0.00E+00	0.00E+00	4.49E-06
5322	ALL	651712.4	4184815	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.71E-09	7.71E-09	7.71E-09	1.75E-06	0.00E+00	2.90E-07	0.00E+00	7.71E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5323	ALL	651751.4	4184800	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.72E-09	7.72E-09	7.72E-09	1.76E-06	0.00E+00	2.90E-07	0.00E+00	7.72E-09	4.51E-06	0.00E+00	0.00E+00	4.51E-06
5324	ALL	651790.4	4184785	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.74E-09	7.74E-09	7.74E-09	1.78E-06	0.00E+00	2.91E-07	0.00E+00	7.74E-09	4.53E-06	0.00E+00	0.00E+00	4.53E-06
5325	ALL	651829.3	4184770	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.78E-09	7.78E-09	7.78E-09	1.79E-06	0.00E+00	2.92E-07	0.00E+00	7.78E-09	4.56E-06	0.00E+00	0.00E+00	4.56E-06
5326	ALL	651868.3	4184756	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.84E-09	7.84E-09	7.84E-09	1.81E-06	0.00E+00	2.95E-07	0.00E+00	7.84E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
5327	ALL	651907.3	4184741	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.92E-09	7.92E-09	7.92E-09	1.83E-06	0.00E+00	2.98E-07	0.00E+00	7.92E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
5328	ALL	651946.2	4184726	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.85E-06	0.00E+00	3.02E-07	0.00E+00	8.02E-09	4.70E-06	0.00E+00	0.00E+00	4.70E-06
5329	ALL	651985.2	4184711	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.14E-09	8.14E-09	8.14E-09	1.87E-06	0.00E+00	3.06E-07	0.00E+00	8.14E-09	4.77E-06	0.00E+00	0.00E+00	4.77E-06
5330	ALL	652024.2	4184697	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.28E-09	8.28E-09	8.28E-09	1.90E-06	0.00E+00	3.11E-07	0.00E+00	8.28E-09	4.84E-06	0.00E+00	0.00E+00	4.84E-06
5331	ALL	652063.1	4184682	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.42E-09	8.42E-09	8.42E-09	1.92E-06	0.00E+00	3.16E-07	0.00E+00	8.42E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06
5332	ALL	652102.1	4184667	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.56E-09	8.56E-09	8.56E-09	1.95E-06	0.00E+00	3.22E-07	0.00E+00	8.56E-09	5.00E-06	0.00E+00	0.00E+00	5.00E-06
5333	ALL	652141.1	4184652	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.70E-09	8.70E-09	8.70E-09	1.97E-06	0.00E+00	3.27E-07	0.00E+00	8.70E-09	5.07E-06	0.00E+00	0.00E+00	5.07E-06
5334	ALL	652180.1	4184638	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.83E-09	8.83E-09	8.83E-09	1.99E-06	0.00E+00	3.32E-07	0.00E+00	8.83E-09	5.14E-06	0.00E+00	0.00E+00	5.14E-06
5335	ALL	652219	4184623	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.95E-09	8.95E-09	8.95E-09	2.02E-06	0.00E+00	3.36E-07	0.00E+00	8.95E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5336	ALL	652258	4184608	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.04E-09	9.04E-09	9.04E-09	2.03E-06	0.00E+00	3.40E-07	0.00E+00	9.04E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5337	ALL	652297	4184593	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.05E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
5338	ALL	652335.9	4184579	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.18E-09	9.18E-09	9.18E-09	2.06E-06	0.00E+00	3.45E-07	0.00E+00	9.18E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5339	ALL	652374.9	4184564	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.23E-09	9.23E-09	9.23E-09	2.08E-06	0.00E+00	3.47E-07	0.00E+00	9.23E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5340	ALL	652413.9	4184549	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.27E-09	9.27E-09	9.27E-09	2.09E-06	0.00E+00	3.48E-07	0.00E+00	9.27E-09	5.39E-06	0.00E+00	0.00E+00	5.39E-06
5341	ALL	652452.8	4184534	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.31E-09	9.31E-09	9.31E-09	2.10E-06	0.00E+00	3.50E-07	0.00E+00	9.31E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5342	ALL	652491.8	4184520	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.35E-09	9.35E-09	9.35E-09	2.11E-06	0.00E+00	3.51E-07	0.00E+00	9.35E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
5343	ALL	652530.8	4184505	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.11E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5344	ALL	652569.8	4184490	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.45E-09	9.45E-09	9.45E-09	2.12E-06	0.00E+00	3.55E-07	0.00E+00	9.45E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
5345	ALL	652608.7	4184475	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.49E-09	9.49E-09	9.49E-09	2.13E-06	0.00E+00	3.56E-07	0.00E+00	9.49E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06
5346	ALL	652647.7	4184461	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.13E-06	0.00E+00	3.57E-07	0.00E+00	9.51E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5347	ALL	652686.7	4184446	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.52E-09	9.52E-09	9.52E-09	2.13E-06	0.00E+00	3.58E-07	0.00E+00	9.52E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5348	ALL	652725.6	4184431	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.52E-09	9.52E-09	9.52E-09	2.13E-06	0.00E+00	3.57E-07	0.00E+00	9.52E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5349	ALL	652764.6	4184416	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.50E-09	9.50E-09	9.50E-09	2.12E-06	0.00E+00	3.56E-07	0.00E+00	9.50E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06

5350	ALL	652803.6	4184402	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.46E-09	9.46E-09	9.46E-09	2.12E-06	0.00E+00	3.55E-07	0.00E+00	9.46E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
5351	ALL	652842.5	4184387	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.41E-09	9.41E-09	9.41E-09	2.11E-06	0.00E+00	3.53E-07	0.00E+00	9.41E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5352	ALL	652881.5	4184372	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.35E-09	9.35E-09	9.35E-09	2.10E-06	0.00E+00	3.51E-07	0.00E+00	9.35E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
5353	ALL	652920.5	4184357	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.09E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
5354	ALL	652959.4	4184343	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.23E-09	9.23E-09	9.23E-09	2.08E-06	0.00E+00	3.47E-07	0.00E+00	9.23E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5355	ALL	652998.4	4184328	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.17E-09	9.17E-09	9.17E-09	2.06E-06	0.00E+00	3.44E-07	0.00E+00	9.17E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5356	ALL	653037.4	4184313	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.05E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5357	ALL	653076.4	4184299	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.04E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.28E-06	0.00E+00	0.00E+00	5.28E-06
5358	ALL	653115.3	4184284	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.04E-09	9.04E-09	9.04E-09	2.03E-06	0.00E+00	3.39E-07	0.00E+00	9.04E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5359	ALL	653154.3	4184269	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.00E-09	9.00E-09	9.00E-09	2.02E-06	0.00E+00	3.38E-07	0.00E+00	9.00E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
5360	ALL	653193.3	4184254	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.96E-09	8.96E-09	8.96E-09	2.00E-06	0.00E+00	3.36E-07	0.00E+00	8.96E-09	5.20E-06	0.00E+00	0.00E+00	5.20E-06
5361	ALL	653232.2	4184240	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.91E-09	8.91E-09	8.91E-09	1.99E-06	0.00E+00	3.35E-07	0.00E+00	8.91E-09	5.17E-06	0.00E+00	0.00E+00	5.17E-06
5362	ALL	653271.2	4184225	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	1.97E-06	0.00E+00	3.32E-07	0.00E+00	8.85E-09	5.13E-06	0.00E+00	0.00E+00	5.13E-06
5363	ALL	653310.2	4184210	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	1.95E-06	0.00E+00	3.29E-07	0.00E+00	8.77E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
5364	ALL	653349.1	4184195	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.66E-09	8.66E-09	8.66E-09	1.93E-06	0.00E+00	3.25E-07	0.00E+00	8.66E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
5365	ALL	653388.1	4184181	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.53E-09	8.53E-09	8.53E-09	1.90E-06	0.00E+00	3.20E-07	0.00E+00	8.53E-09	4.95E-06	0.00E+00	0.00E+00	4.95E-06
5366	ALL	653427.1	4184166	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.37E-09	8.37E-09	8.37E-09	1.87E-06	0.00E+00	3.14E-07	0.00E+00	8.37E-09	4.86E-06	0.00E+00	0.00E+00	4.86E-06
5367	ALL	653466.1	4184151	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.20E-09	8.20E-09	8.20E-09	1.84E-06	0.00E+00	3.08E-07	0.00E+00	8.20E-09	4.77E-06	0.00E+00	0.00E+00	4.77E-06
5368	ALL	653505	4184136	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.01E-09	8.01E-09	8.01E-09	1.81E-06	0.00E+00	3.01E-07	0.00E+00	8.01E-09	4.67E-06	0.00E+00	0.00E+00	4.67E-06
5369	ALL	653544	4184122	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.84E-09	7.84E-09	7.84E-09	1.78E-06	0.00E+00	2.95E-07	0.00E+00	7.84E-09	4.58E-06	0.00E+00	0.00E+00	4.58E-06
5370	ALL	653583	4184107	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.68E-09	7.68E-09	7.68E-09	1.76E-06	0.00E+00	2.89E-07	0.00E+00	7.68E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5371	ALL	653621.9	4184092	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.55E-09	7.55E-09	7.55E-09	1.74E-06	0.00E+00	2.84E-07	0.00E+00	7.55E-09	4.43E-06	0.00E+00	0.00E+00	4.43E-06
5372	ALL	653660.9	4184077	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.46E-09	7.46E-09	7.46E-09	1.72E-06	0.00E+00	2.81E-07	0.00E+00	7.46E-09	4.38E-06	0.00E+00	0.00E+00	4.38E-06
5373	ALL	653699.9	4184063	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.41E-09	7.41E-09	7.41E-09	1.71E-06	0.00E+00	2.79E-07	0.00E+00	7.41E-09	4.35E-06	0.00E+00	0.00E+00	4.35E-06
5374	ALL	653738.8	4184048	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.39E-09	7.39E-09	7.39E-09	1.70E-06	0.00E+00	2.78E-07	0.00E+00	7.39E-09	4.33E-06	0.00E+00	0.00E+00	4.33E-06
5375	ALL	649847.2	4187728	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.93E-09	9.93E-09	9.93E-09	2.28E-06	0.00E+00	3.73E-07	0.00E+00	9.93E-09	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5376	ALL	649845.4	4187769	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.97E-09	9.97E-09	9.97E-09	2.30E-06	0.00E+00	3.75E-07	0.00E+00	9.97E-09	5.85E-06	0.00E+00	0.00E+00	5.85E-06
5377	ALL	649843.6	4187811	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.31E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
5378	ALL	653669	4187987	NonCancer	0.00E+00	1.50E-04	0.00E+00	9.90E-06	9.90E-06	9.90E-06	3.31E-03	0.00E+00	3.80E-04	0.00E+00	9.90E-06	6.56E-03	0.00E+00	0.00E+00	6.56E-03
5379	ALL	653652.2	4188006	NonCancer	0.00E+00	8.94E-05	0.00E+00	5.92E-06	5.92E-06	5.92E-06	2.07E-03	0.00E+00	2.28E-04	0.00E+00	5.92E-06	4.00E-03	0.00E+00	0.00E+00	4.00E-03
5380	ALL	653635.4	4188024	NonCancer	0.00E+00	5.86E-05	0.00E+00	3.88E-06	3.88E-06	3.88E-06	1.27E-03	0.00E+00	1.49E-04	0.00E+00	3.88E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
5381	ALL	653618	4188041	NonCancer	0.00E+00	4.17E-05	0.00E+00	2.76E-06	2.76E-06	2.76E-06	8.55E-04	0.00E+00	1.06E-04	0.00E+00	2.76E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5382	ALL	653608.6	4188019	NonCancer	0.00E+00	4.42E-05	0.00E+00	2.93E-06	2.93E-06	2.93E-06	9.02E-04	0.00E+00	1.12E-04	0.00E+00	2.93E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5383	ALL	653599.3	4187997	NonCancer	0.00E+00	4.41E-05	0.00E+00	2.92E-06	2.92E-06	2.92E-06	8.64E-04	0.00E+00	1.11E-04	0.00E+00	2.92E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
5384	ALL	653631.7	4188061	NonCancer	0.00E+00	4.05E-05	0.00E+00	2.68E-06	2.68E-06	2.68E-06	8.01E-04	0.00E+00	1.02E-04	0.00E+00	2.68E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
5385	ALL	653584.5	4188079	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	4.58E-04	0.00E+00	6.13E-05	0.00E+00	1.61E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5386	ALL	653575.6	4188058	NonCancer	0.00E+00	2.57E-05	0.00E+00	1.70E-06	1.70E-06	1.70E-06	4.89E-04	0.00E+00	6.47E-05	0.00E+00	1.70E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
5387	ALL	653566.7	4188036	NonCancer	0.00E+00	2.68E-05	0.00E+00	1.77E-06	1.77E-06	1.77E-06	5.07E-04	0.00E+00	6.75E-05	0.00E+00	1.77E-06	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5388	ALL	653557.8	4188015	NonCancer	0.00E+00	2.69E-05	0.00E+00	1.78E-06	1.78E-06	1.78E-06	5.03E-04	0.00E+00	6.77E-05	0.00E+00	1.78E-06	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5389	ALL	653549	4187994	NonCancer	0.00E+00	2.63E-05	0.00E+00	1.75E-06	1.75E-06	1.75E-06	4.73E-04	0.00E+00	6.62E-05	0.00E+00	1.75E-06	1.08E-03	0.00E+00	0.00E+00	1.08E-03
5390	ALL	653598.1	4188098	NonCancer	0.00E+00	2.37E-05	0.00E+00	1.57E-06	1.57E-06	1.57E-06	4.32E-04	0.00E+00	5.96E-05	0.00E+00	1.57E-06	9.73E-04	0.00E+00	0.00E+00	9.73E-04
5391	ALL	653550.7	4188115	NonCancer	0.00E+00	1.62E-05	0.00E+00	1.07E-06	1.07E-06	1.07E-06	2.89E-04	0.00E+00	4.07E-05	0.00E+00	1.07E-06	6.61E-04	0.00E+00	0.00E+00	6.61E-04
5392	ALL	653541.3	4188093	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	3.07E-04	0.00E+00	4.26E-05	0.00E+00	1.12E-06	6.94E-04	0.00E+00	0.00E+00	6.94E-04
5393	ALL	653532	4188071	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.18E-06	1.18E-06	1.18E-06	3.22E-04	0.00E+00	4.46E-05	0.00E+00	1.18E-06	7.27E-04	0.00E+00	0.00E+00	7.27E-04
5394	ALL	653522.7	4188048	NonCancer	0.00E+00	1.83E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	3.30E-04	0.00E+00	4.59E-05	0.00E+00	1.21E-06	7.48E-04	0.00E+00	0.00E+00	7.48E-04
5395	ALL	653513.4	4188026	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	3.28E-04	0.00E+00	4.58E-05	0.00E+00	1.21E-06	7.46E-04	0.00E+00	0.00E+00	7.46E-04
5396	ALL	653504.1	4188004	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	3.15E-04	0.00E+00	4.52E-05	0.00E+00	1.19E-06	7.29E-04	0.00E+00	0.00E+00	7.29E-04
5397	ALL	653517.1	4188153	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.74E-07	7.74E-07	7.74E-07	2.01E-04	0.00E+00	2.92E-05	0.00E+00	7.74E-07	4.70E-04	0.00E+00	0.00E+00	4.70E-04
5398	ALL	653508.1	4188131	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.01E-07	8.01E-07	8.01E-07	2.11E-04	0.00E+00	3.03E-05	0.00E+00	8.01E-07	4.89E-04	0.00E+00	0.00E+00	4.89E-04
5399	ALL	653499	4188109	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.32E-07	8.32E-07	8.32E-07	2.20E-04	0.00E+00	3.15E-05	0.00E+00	8.32E-07	5.09E-04	0.00E+00	0.00E+00	5.09E-04

5400	ALL	653490	4188087	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.63E-07	8.63E-07	8.63E-07	2.29E-04	0.00E+00	3.27E-05	0.00E+00	8.63E-07	5.28E-04	0.00E+00	0.00E+00	5.28E-04
5401	ALL	653480.9	4188066	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.83E-07	8.83E-07	8.83E-07	2.34E-04	0.00E+00	3.34E-05	0.00E+00	8.83E-07	5.40E-04	0.00E+00	0.00E+00	5.40E-04
5402	ALL	653471.9	4188044	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.85E-07	8.85E-07	8.85E-07	2.33E-04	0.00E+00	3.35E-05	0.00E+00	8.85E-07	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5403	ALL	653462.8	4188022	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.77E-07	8.77E-07	8.77E-07	2.29E-04	0.00E+00	3.32E-05	0.00E+00	8.77E-07	5.34E-04	0.00E+00	0.00E+00	5.34E-04
5404	ALL	653453.7	4188000	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.67E-07	8.67E-07	8.67E-07	2.20E-04	0.00E+00	3.27E-05	0.00E+00	8.67E-07	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5405	ALL	653483.4	4188189	NonCancer	0.00E+00	8.87E-06	0.00E+00	5.88E-07	5.88E-07	5.88E-07	1.49E-04	0.00E+00	2.22E-05	0.00E+00	5.88E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
5406	ALL	653474	4188167	NonCancer	0.00E+00	9.14E-06	0.00E+00	6.06E-07	6.06E-07	6.06E-07	1.56E-04	0.00E+00	2.29E-05	0.00E+00	6.06E-07	3.67E-04	0.00E+00	0.00E+00	3.67E-04
5407	ALL	653464.7	4188145	NonCancer	0.00E+00	9.43E-06	0.00E+00	6.25E-07	6.25E-07	6.25E-07	1.62E-04	0.00E+00	2.36E-05	0.00E+00	6.25E-07	3.80E-04	0.00E+00	0.00E+00	3.80E-04
5408	ALL	653455.4	4188122	NonCancer	0.00E+00	9.78E-06	0.00E+00	6.49E-07	6.49E-07	6.49E-07	1.68E-04	0.00E+00	2.45E-05	0.00E+00	6.49E-07	3.94E-04	0.00E+00	0.00E+00	3.94E-04
5409	ALL	653446.1	4188100	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.68E-07	6.68E-07	6.68E-07	1.73E-04	0.00E+00	2.53E-05	0.00E+00	6.68E-07	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5410	ALL	653436.8	4188078	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.79E-07	6.79E-07	6.79E-07	1.75E-04	0.00E+00	2.57E-05	0.00E+00	6.79E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5411	ALL	653427.5	4188055	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.79E-07	6.79E-07	6.79E-07	1.75E-04	0.00E+00	2.57E-05	0.00E+00	6.79E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5412	ALL	653418.2	4188033	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.73E-07	6.73E-07	6.73E-07	1.73E-04	0.00E+00	2.54E-05	0.00E+00	6.73E-07	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5413	ALL	653408.8	4188010	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.69E-07	6.69E-07	6.69E-07	1.68E-04	0.00E+00	2.53E-05	0.00E+00	6.69E-07	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5414	ALL	653399.5	4187988	NonCancer	0.00E+00	9.80E-06	0.00E+00	6.50E-07	6.50E-07	6.50E-07	1.59E-04	0.00E+00	2.45E-05	0.00E+00	6.50E-07	3.87E-04	0.00E+00	0.00E+00	3.87E-04
5415	ALL	653449.8	4188227	NonCancer	0.00E+00	6.99E-06	0.00E+00	4.64E-07	4.64E-07	4.64E-07	1.15E-04	0.00E+00	1.75E-05	0.00E+00	4.64E-07	2.78E-04	0.00E+00	0.00E+00	2.78E-04
5416	ALL	653440.7	4188205	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	1.20E-04	0.00E+00	1.80E-05	0.00E+00	4.76E-07	2.87E-04	0.00E+00	0.00E+00	2.87E-04
5417	ALL	653431.5	4188183	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	1.24E-04	0.00E+00	1.84E-05	0.00E+00	4.88E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
5418	ALL	653422.4	4188161	NonCancer	0.00E+00	7.59E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.28E-04	0.00E+00	1.90E-05	0.00E+00	5.03E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
5419	ALL	653413.3	4188139	NonCancer	0.00E+00	7.83E-06	0.00E+00	5.19E-07	5.19E-07	5.19E-07	1.32E-04	0.00E+00	1.96E-05	0.00E+00	5.19E-07	3.14E-04	0.00E+00	0.00E+00	3.14E-04
5420	ALL	653404.2	4188117	NonCancer	0.00E+00	8.02E-06	0.00E+00	5.32E-07	5.32E-07	5.32E-07	1.35E-04	0.00E+00	2.01E-05	0.00E+00	5.32E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
5421	ALL	653395	4188095	NonCancer	0.00E+00	8.14E-06	0.00E+00	5.40E-07	5.40E-07	5.40E-07	1.37E-04	0.00E+00	2.04E-05	0.00E+00	5.40E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
5422	ALL	653385.9	4188073	NonCancer	0.00E+00	8.16E-06	0.00E+00	5.41E-07	5.41E-07	5.41E-07	1.37E-04	0.00E+00	2.04E-05	0.00E+00	5.41E-07	3.27E-04	0.00E+00	0.00E+00	3.27E-04
5423	ALL	653376.8	4188051	NonCancer	0.00E+00	8.08E-06	0.00E+00	5.36E-07	5.36E-07	5.36E-07	1.36E-04	0.00E+00	2.03E-05	0.00E+00	5.36E-07	3.24E-04	0.00E+00	0.00E+00	3.24E-04
5424	ALL	653367.6	4188029	NonCancer	0.00E+00	8.06E-06	0.00E+00	5.35E-07	5.35E-07	5.35E-07	1.34E-04	0.00E+00	2.02E-05	0.00E+00	5.35E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
5425	ALL	653358.5	4188007	NonCancer	0.00E+00	8.01E-06	0.00E+00	5.31E-07	5.31E-07	5.31E-07	1.30E-04	0.00E+00	2.00E-05	0.00E+00	5.31E-07	3.17E-04	0.00E+00	0.00E+00	3.17E-04
5426	ALL	653349.4	4187985	NonCancer	0.00E+00	7.73E-06	0.00E+00	5.13E-07	5.13E-07	5.13E-07	1.24E-04	0.00E+00	1.93E-05	0.00E+00	5.13E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
5427	ALL	653382.3	4188300	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	7.55E-05	0.00E+00	1.18E-05	0.00E+00	3.13E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
5428	ALL	653372.9	4188277	NonCancer	0.00E+00	4.83E-06	0.00E+00	3.20E-07	3.20E-07	3.20E-07	7.83E-05	0.00E+00	1.21E-05	0.00E+00	3.20E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
5429	ALL	653363.4	4188255	NonCancer	0.00E+00	4.92E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	8.05E-05	0.00E+00	1.23E-05	0.00E+00	3.26E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
5430	ALL	653353.9	4188232	NonCancer	0.00E+00	5.02E-06	0.00E+00	3.33E-07	3.33E-07	3.33E-07	8.26E-05	0.00E+00	1.26E-05	0.00E+00	3.33E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
5431	ALL	653344.5	4188209	NonCancer	0.00E+00	5.17E-06	0.00E+00	3.43E-07	3.43E-07	3.43E-07	8.49E-05	0.00E+00	1.29E-05	0.00E+00	3.43E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
5432	ALL	653335	4188186	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	8.73E-05	0.00E+00	1.33E-05	0.00E+00	3.52E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
5433	ALL	653325.5	4188164	NonCancer	0.00E+00	5.43E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	8.94E-05	0.00E+00	1.36E-05	0.00E+00	3.60E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
5434	ALL	653316.1	4188141	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	9.08E-05	0.00E+00	1.38E-05	0.00E+00	3.66E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5435	ALL	653306.6	4188118	NonCancer	0.00E+00	5.58E-06	0.00E+00	3.70E-07	3.70E-07	3.70E-07	9.16E-05	0.00E+00	1.40E-05	0.00E+00	3.70E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
5436	ALL	653297.1	4188096	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	9.15E-05	0.00E+00	1.39E-05	0.00E+00	3.69E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
5437	ALL	653287.7	4188073	NonCancer	0.00E+00	5.51E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	9.10E-05	0.00E+00	1.38E-05	0.00E+00	3.66E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5438	ALL	653278.2	4188050	NonCancer	0.00E+00	5.51E-06	0.00E+00	3.65E-07	3.65E-07	3.65E-07	9.02E-05	0.00E+00	1.38E-05	0.00E+00	3.65E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5439	ALL	653268.7	4188027	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	8.88E-05	0.00E+00	1.38E-05	0.00E+00	3.66E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
5440	ALL	653259.3	4188005	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	8.61E-05	0.00E+00	1.36E-05	0.00E+00	3.60E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
5441	ALL	653249.8	4187982	NonCancer	0.00E+00	5.22E-06	0.00E+00	3.46E-07	3.46E-07	3.46E-07	8.21E-05	0.00E+00	1.30E-05	0.00E+00	3.46E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
5442	ALL	653396.2	4188320	NonCancer	0.00E+00	4.62E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	7.32E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
5443	ALL	653315	4188374	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	5.40E-05	0.00E+00	8.57E-06	0.00E+00	2.28E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
5444	ALL	653305.6	4188351	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	5.58E-05	0.00E+00	8.76E-06	0.00E+00	2.33E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
5445	ALL	653296.2	4188329	NonCancer	0.00E+00	3.56E-06	0.00E+00	2.36E-07	2.36E-07	2.36E-07	5.71E-05	0.00E+00	8.89E-06	0.00E+00	2.36E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
5446	ALL	653286.7	4188306	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.83E-05	0.00E+00	9.02E-06	0.00E+00	2.39E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
5447	ALL	653277.3	4188283	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.95E-05	0.00E+00	9.20E-06	0.00E+00	2.44E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
5448	ALL	653267.8	4188261	NonCancer	0.00E+00	3.77E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	6.09E-05	0.00E+00	9.42E-06	0.00E+00	2.50E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
5449	ALL	653258.4	4188238	NonCancer	0.00E+00	3.86E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	6.24E-05	0.00E+00	9.66E-06	0.00E+00	2.56E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04

5450	ALL	653249	4188215	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.61E-07	2.61E-07	2.61E-07	6.38E-05	0.00E+00	9.85E-06	0.00E+00	2.61E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
5451	ALL	653239.5	4188193	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	6.49E-05	0.00E+00	1.00E-05	0.00E+00	2.65E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
5452	ALL	653230.1	4188170	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.57E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5453	ALL	653220.7	4188147	NonCancer	0.00E+00	4.10E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	6.61E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
5454	ALL	653211.2	4188125	NonCancer	0.00E+00	4.09E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	6.61E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
5455	ALL	653201.8	4188102	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.59E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
5456	ALL	653192.4	4188079	NonCancer	0.00E+00	4.03E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	6.56E-05	0.00E+00	1.01E-05	0.00E+00	2.67E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5457	ALL	653182.9	4188057	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.52E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5458	ALL	653173.5	4188034	NonCancer	0.00E+00	4.06E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.43E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
5459	ALL	653164	4188011	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	6.27E-05	0.00E+00	9.99E-06	0.00E+00	2.66E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
5460	ALL	653154.6	4187989	NonCancer	0.00E+00	3.87E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	6.04E-05	0.00E+00	9.67E-06	0.00E+00	2.57E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
5461	ALL	653328.9	4188394	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	5.26E-05	0.00E+00	8.41E-06	0.00E+00	2.23E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
5462	ALL	653247.7	4188448	NonCancer	0.00E+00	2.63E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	4.10E-05	0.00E+00	6.57E-06	0.00E+00	1.75E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
5463	ALL	653238.3	4188426	NonCancer	0.00E+00	2.69E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	4.21E-05	0.00E+00	6.70E-06	0.00E+00	1.78E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
5464	ALL	653228.9	4188403	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	4.31E-05	0.00E+00	6.79E-06	0.00E+00	1.80E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
5465	ALL	653219.5	4188380	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	4.38E-05	0.00E+00	6.87E-06	0.00E+00	1.82E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
5466	ALL	653210.1	4188358	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.46E-05	0.00E+00	6.96E-06	0.00E+00	1.85E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
5467	ALL	653200.7	4188335	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.54E-05	0.00E+00	7.08E-06	0.00E+00	1.88E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
5468	ALL	653191.2	4188312	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.62E-05	0.00E+00	7.23E-06	0.00E+00	1.92E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
5469	ALL	653181.8	4188290	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.72E-05	0.00E+00	7.39E-06	0.00E+00	1.96E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
5470	ALL	653172.4	4188267	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.82E-05	0.00E+00	7.53E-06	0.00E+00	2.00E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
5471	ALL	653163	4188245	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.90E-05	0.00E+00	7.64E-06	0.00E+00	2.03E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
5472	ALL	653153.6	4188222	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.97E-05	0.00E+00	7.73E-06	0.00E+00	2.05E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
5473	ALL	653144.1	4188199	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	5.02E-05	0.00E+00	7.82E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5474	ALL	653134.7	4188177	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	5.04E-05	0.00E+00	7.90E-06	0.00E+00	2.10E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
5475	ALL	653125.3	4188154	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	5.05E-05	0.00E+00	7.90E-06	0.00E+00	2.10E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
5476	ALL	653115.9	4188131	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	5.03E-05	0.00E+00	7.82E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5477	ALL	653106.5	4188109	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	5.01E-05	0.00E+00	7.75E-06	0.00E+00	2.06E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5478	ALL	653097.1	4188086	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.99E-05	0.00E+00	7.76E-06	0.00E+00	2.06E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5479	ALL	653087.6	4188064	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.97E-05	0.00E+00	7.82E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5480	ALL	653078.2	4188041	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.91E-05	0.00E+00	7.83E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5481	ALL	653068.8	4188018	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.80E-05	0.00E+00	7.72E-06	0.00E+00	2.05E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
5482	ALL	653059.4	4187996	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.66E-05	0.00E+00	7.51E-06	0.00E+00	2.00E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
5483	ALL	653050	4187973	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.48E-05	0.00E+00	7.22E-06	0.00E+00	1.92E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
5484	ALL	653180.4	4188522	NonCancer	0.00E+00	2.09E-06	0.00E+00	1.39E-07	1.39E-07	1.39E-07	3.23E-05	0.00E+00	5.22E-06	0.00E+00	1.39E-07	8.15E-05	0.00E+00	0.00E+00	8.15E-05
5485	ALL	653171	4188500	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.32E-05	0.00E+00	5.32E-06	0.00E+00	1.41E-07	8.33E-05	0.00E+00	0.00E+00	8.33E-05
5486	ALL	653161.6	4188477	NonCancer	0.00E+00	2.16E-06	0.00E+00	1.43E-07	1.43E-07	1.43E-07	3.38E-05	0.00E+00	5.39E-06	0.00E+00	1.43E-07	8.45E-05	0.00E+00	0.00E+00	8.45E-05
5487	ALL	653152.2	4188454	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.44E-05	0.00E+00	5.44E-06	0.00E+00	1.44E-07	8.55E-05	0.00E+00	0.00E+00	8.55E-05
5488	ALL	653142.8	4188432	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.49E-05	0.00E+00	5.49E-06	0.00E+00	1.46E-07	8.64E-05	0.00E+00	0.00E+00	8.64E-05
5489	ALL	653133.4	4188409	NonCancer	0.00E+00	2.23E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.54E-05	0.00E+00	5.56E-06	0.00E+00	1.48E-07	8.75E-05	0.00E+00	0.00E+00	8.75E-05
5490	ALL	653124	4188387	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.59E-05	0.00E+00	5.65E-06	0.00E+00	1.50E-07	8.89E-05	0.00E+00	0.00E+00	8.89E-05
5491	ALL	653114.6	4188364	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.65E-05	0.00E+00	5.75E-06	0.00E+00	1.53E-07	9.05E-05	0.00E+00	0.00E+00	9.05E-05
5492	ALL	653105.2	4188341	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.72E-05	0.00E+00	5.87E-06	0.00E+00	1.56E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
5493	ALL	653095.8	4188319	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.79E-05	0.00E+00	5.97E-06	0.00E+00	1.59E-07	9.39E-05	0.00E+00	0.00E+00	9.39E-05
5494	ALL	653086.4	4188296	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.85E-05	0.00E+00	6.05E-06	0.00E+00	1.61E-07	9.53E-05	0.00E+00	0.00E+00	9.53E-05
5495	ALL	653077	4188274	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.90E-05	0.00E+00	6.12E-06	0.00E+00	1.62E-07	9.64E-05	0.00E+00	0.00E+00	9.64E-05
5496	ALL	653067.6	4188251	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.95E-05	0.00E+00	6.18E-06	0.00E+00	1.64E-07	9.74E-05	0.00E+00	0.00E+00	9.74E-05
5497	ALL	653058.2	4188228	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.98E-05	0.00E+00	6.25E-06	0.00E+00	1.66E-07	9.84E-05	0.00E+00	0.00E+00	9.84E-05
5498	ALL	653048.8	4188206	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	4.00E-05	0.00E+00	6.31E-06	0.00E+00	1.68E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
5499	ALL	653039.4	4188183	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	4.00E-05	0.00E+00	6.31E-06	0.00E+00	1.68E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05

5500	ALL	653030	4188161	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.98E-05	0.00E+00	6.26E-06	0.00E+00	1.66E-07	9.85E-05	0.00E+00	0.00E+00	9.85E-05
5501	ALL	653020.6	4188138	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.97E-05	0.00E+00	6.19E-06	0.00E+00	1.64E-07	9.77E-05	0.00E+00	0.00E+00	9.77E-05
5502	ALL	653011.2	4188115	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.96E-05	0.00E+00	6.17E-06	0.00E+00	1.64E-07	9.74E-05	0.00E+00	0.00E+00	9.74E-05
5503	ALL	653001.8	4188093	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.95E-05	0.00E+00	6.21E-06	0.00E+00	1.65E-07	9.78E-05	0.00E+00	0.00E+00	9.78E-05
5504	ALL	652992.4	4188070	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.93E-05	0.00E+00	6.26E-06	0.00E+00	1.66E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
5505	ALL	652983	4188048	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.89E-05	0.00E+00	6.25E-06	0.00E+00	1.66E-07	9.78E-05	0.00E+00	0.00E+00	9.78E-05
5506	ALL	652973.6	4188025	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.82E-05	0.00E+00	6.17E-06	0.00E+00	1.64E-07	9.64E-05	0.00E+00	0.00E+00	9.64E-05
5507	ALL	652964.1	4188003	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.72E-05	0.00E+00	6.02E-06	0.00E+00	1.60E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
5508	ALL	652954.7	4187980	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.60E-05	0.00E+00	5.83E-06	0.00E+00	1.55E-07	9.10E-05	0.00E+00	0.00E+00	9.10E-05
5509	ALL	653113.1	4188596	NonCancer	0.00E+00	1.71E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.63E-05	0.00E+00	4.27E-06	0.00E+00	1.14E-07	6.66E-05	0.00E+00	0.00E+00	6.66E-05
5510	ALL	653103.8	4188574	NonCancer	0.00E+00	1.74E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.69E-05	0.00E+00	4.35E-06	0.00E+00	1.16E-07	6.79E-05	0.00E+00	0.00E+00	6.79E-05
5511	ALL	653094.4	4188551	NonCancer	0.00E+00	1.76E-06	0.00E+00	1.17E-07	1.17E-07	1.17E-07	2.74E-05	0.00E+00	4.40E-06	0.00E+00	1.17E-07	6.88E-05	0.00E+00	0.00E+00	6.88E-05
5512	ALL	653085	4188528	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.78E-05	0.00E+00	4.44E-06	0.00E+00	1.18E-07	6.95E-05	0.00E+00	0.00E+00	6.95E-05
5513	ALL	653075.6	4188506	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.82E-05	0.00E+00	4.47E-06	0.00E+00	1.19E-07	7.02E-05	0.00E+00	0.00E+00	7.02E-05
5514	ALL	653066.2	4188483	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.85E-05	0.00E+00	4.51E-06	0.00E+00	1.20E-07	7.09E-05	0.00E+00	0.00E+00	7.09E-05
5515	ALL	653056.8	4188461	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.89E-05	0.00E+00	4.56E-06	0.00E+00	1.21E-07	7.17E-05	0.00E+00	0.00E+00	7.17E-05
5516	ALL	653047.4	4188438	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.93E-05	0.00E+00	4.63E-06	0.00E+00	1.23E-07	7.27E-05	0.00E+00	0.00E+00	7.27E-05
5517	ALL	653038	4188416	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.97E-05	0.00E+00	4.71E-06	0.00E+00	1.25E-07	7.40E-05	0.00E+00	0.00E+00	7.40E-05
5518	ALL	653028.6	4188393	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	3.02E-05	0.00E+00	4.79E-06	0.00E+00	1.27E-07	7.53E-05	0.00E+00	0.00E+00	7.53E-05
5519	ALL	653019.2	4188370	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	3.07E-05	0.00E+00	4.87E-06	0.00E+00	1.29E-07	7.65E-05	0.00E+00	0.00E+00	7.65E-05
5520	ALL	653009.8	4188348	NonCancer	0.00E+00	1.98E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	3.12E-05	0.00E+00	4.94E-06	0.00E+00	1.31E-07	7.76E-05	0.00E+00	0.00E+00	7.76E-05
5521	ALL	653000.4	4188325	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	3.16E-05	0.00E+00	4.99E-06	0.00E+00	1.32E-07	7.84E-05	0.00E+00	0.00E+00	7.84E-05
5522	ALL	652991	4188303	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.19E-05	0.00E+00	5.03E-06	0.00E+00	1.33E-07	7.91E-05	0.00E+00	0.00E+00	7.91E-05
5523	ALL	652981.6	4188280	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.22E-05	0.00E+00	5.08E-06	0.00E+00	1.35E-07	7.99E-05	0.00E+00	0.00E+00	7.99E-05
5524	ALL	652972.2	4188258	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.25E-05	0.00E+00	5.13E-06	0.00E+00	1.36E-07	8.07E-05	0.00E+00	0.00E+00	8.07E-05
5525	ALL	652962.8	4188235	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	3.26E-05	0.00E+00	5.18E-06	0.00E+00	1.38E-07	8.12E-05	0.00E+00	0.00E+00	8.12E-05
5526	ALL	652953.5	4188212	NonCancer	0.00E+00	2.08E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	3.26E-05	0.00E+00	5.18E-06	0.00E+00	1.38E-07	8.13E-05	0.00E+00	0.00E+00	8.13E-05
5527	ALL	652944.1	4188190	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.25E-05	0.00E+00	5.14E-06	0.00E+00	1.37E-07	8.08E-05	0.00E+00	0.00E+00	8.08E-05
5528	ALL	652934.7	4188167	NonCancer	0.00E+00	2.04E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.24E-05	0.00E+00	5.08E-06	0.00E+00	1.35E-07	8.01E-05	0.00E+00	0.00E+00	8.01E-05
5529	ALL	652925.3	4188145	NonCancer	0.00E+00	2.02E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	3.23E-05	0.00E+00	5.05E-06	0.00E+00	1.34E-07	7.97E-05	0.00E+00	0.00E+00	7.97E-05
5530	ALL	652915.9	4188122	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.22E-05	0.00E+00	5.07E-06	0.00E+00	1.35E-07	7.98E-05	0.00E+00	0.00E+00	7.98E-05
5531	ALL	652906.5	4188100	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.22E-05	0.00E+00	5.11E-06	0.00E+00	1.36E-07	8.03E-05	0.00E+00	0.00E+00	8.03E-05
5532	ALL	652897.1	4188077	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.21E-05	0.00E+00	5.15E-06	0.00E+00	1.37E-07	8.05E-05	0.00E+00	0.00E+00	8.05E-05
5533	ALL	652887.7	4188055	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.18E-05	0.00E+00	5.14E-06	0.00E+00	1.37E-07	8.02E-05	0.00E+00	0.00E+00	8.02E-05
5534	ALL	652878.3	4188032	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.12E-05	0.00E+00	5.07E-06	0.00E+00	1.35E-07	7.91E-05	0.00E+00	0.00E+00	7.91E-05
5535	ALL	652868.9	4188009	NonCancer	0.00E+00	1.99E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	3.05E-05	0.00E+00	4.96E-06	0.00E+00	1.32E-07	7.74E-05	0.00E+00	0.00E+00	7.74E-05
5536	ALL	652859.5	4187987	NonCancer	0.00E+00	1.93E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.97E-05	0.00E+00	4.82E-06	0.00E+00	1.28E-07	7.52E-05	0.00E+00	0.00E+00	7.52E-05
5537	ALL	652850.1	4187964	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.87E-05	0.00E+00	4.66E-06	0.00E+00	1.24E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
5538	ALL	653127	4188616	NonCancer	0.00E+00	1.69E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.58E-05	0.00E+00	4.20E-06	0.00E+00	1.12E-07	6.54E-05	0.00E+00	0.00E+00	6.54E-05
5539	ALL	652944.9	4188781	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.49E-08	7.49E-08	7.49E-08	1.72E-05	0.00E+00	2.81E-06	0.00E+00	7.49E-08	4.38E-05	0.00E+00	0.00E+00	4.38E-05
5540	ALL	652935.4	4188758	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.61E-08	7.61E-08	7.61E-08	1.75E-05	0.00E+00	2.86E-06	0.00E+00	7.61E-08	4.45E-05	0.00E+00	0.00E+00	4.45E-05
5541	ALL	652926	4188736	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.69E-08	7.69E-08	7.69E-08	1.78E-05	0.00E+00	2.89E-06	0.00E+00	7.69E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
5542	ALL	652916.6	4188713	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.75E-08	7.75E-08	7.75E-08	1.80E-05	0.00E+00	2.91E-06	0.00E+00	7.75E-08	4.55E-05	0.00E+00	0.00E+00	4.55E-05
5543	ALL	652907.1	4188690	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.79E-08	7.79E-08	7.79E-08	1.82E-05	0.00E+00	2.93E-06	0.00E+00	7.79E-08	4.58E-05	0.00E+00	0.00E+00	4.58E-05
5544	ALL	652897.7	4188668	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.84E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.61E-05	0.00E+00	0.00E+00	4.61E-05
5545	ALL	652888.2	4188645	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.87E-08	7.87E-08	7.87E-08	1.85E-05	0.00E+00	2.96E-06	0.00E+00	7.87E-08	4.64E-05	0.00E+00	0.00E+00	4.64E-05
5546	ALL	652878.8	4188622	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.93E-08	7.93E-08	7.93E-08	1.87E-05	0.00E+00	2.98E-06	0.00E+00	7.93E-08	4.68E-05	0.00E+00	0.00E+00	4.68E-05
5547	ALL	652869.4	4188600	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.01E-08	8.01E-08	8.01E-08	1.89E-05	0.00E+00	3.01E-06	0.00E+00	8.01E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
5548	ALL	652859.9	4188577	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.10E-08	8.10E-08	8.10E-08	1.91E-05	0.00E+00	3.05E-06	0.00E+00	8.10E-08	4.78E-05	0.00E+00	0.00E+00	4.78E-05
5549	ALL	652850.5	4188554	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.21E-08	8.21E-08	8.21E-08	1.93E-05	0.00E+00	3.09E-06	0.00E+00	8.21E-08	4.84E-05	0.00E+00	0.00E+00	4.84E-05

5550	ALL	652841.1	4188532	NonCancer	0.00E+00	1.26E-06	0.00E+00	8.33E-08	8.33E-08	8.33E-08	1.96E-05	0.00E+00	3.13E-06	0.00E+00	8.33E-08	4.91E-05	0.00E+00	0.00E+00	4.91E-05
5551	ALL	652831.6	4188509	NonCancer	0.00E+00	1.27E-06	0.00E+00	8.45E-08	8.45E-08	8.45E-08	1.98E-05	0.00E+00	3.18E-06	0.00E+00	8.45E-08	4.98E-05	0.00E+00	0.00E+00	4.98E-05
5552	ALL	652822.2	4188486	NonCancer	0.00E+00	1.29E-06	0.00E+00	8.56E-08	8.56E-08	8.56E-08	2.01E-05	0.00E+00	3.22E-06	0.00E+00	8.56E-08	5.04E-05	0.00E+00	0.00E+00	5.04E-05
5553	ALL	652812.7	4188464	NonCancer	0.00E+00	1.30E-06	0.00E+00	8.65E-08	8.65E-08	8.65E-08	2.03E-05	0.00E+00	3.26E-06	0.00E+00	8.65E-08	5.10E-05	0.00E+00	0.00E+00	5.10E-05
5554	ALL	652803.3	4188441	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.72E-08	8.72E-08	8.72E-08	2.06E-05	0.00E+00	3.28E-06	0.00E+00	8.72E-08	5.15E-05	0.00E+00	0.00E+00	5.15E-05
5555	ALL	652793.9	4188418	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.78E-08	8.78E-08	8.78E-08	2.07E-05	0.00E+00	3.30E-06	0.00E+00	8.78E-08	5.18E-05	0.00E+00	0.00E+00	5.18E-05
5556	ALL	652784.4	4188396	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.83E-08	8.83E-08	8.83E-08	2.09E-05	0.00E+00	3.32E-06	0.00E+00	8.83E-08	5.22E-05	0.00E+00	0.00E+00	5.22E-05
5557	ALL	652775	4188373	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.90E-08	8.90E-08	8.90E-08	2.11E-05	0.00E+00	3.35E-06	0.00E+00	8.90E-08	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5558	ALL	652765.6	4188350	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.99E-08	8.99E-08	8.99E-08	2.12E-05	0.00E+00	3.38E-06	0.00E+00	8.99E-08	5.31E-05	0.00E+00	0.00E+00	5.31E-05
5559	ALL	652756.1	4188328	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.08E-08	9.08E-08	9.08E-08	2.13E-05	0.00E+00	3.42E-06	0.00E+00	9.08E-08	5.35E-05	0.00E+00	0.00E+00	5.35E-05
5560	ALL	652746.7	4188305	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.15E-08	9.15E-08	9.15E-08	2.14E-05	0.00E+00	3.44E-06	0.00E+00	9.15E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
5561	ALL	652737.2	4188282	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.16E-08	9.16E-08	9.16E-08	2.14E-05	0.00E+00	3.45E-06	0.00E+00	9.16E-08	5.39E-05	0.00E+00	0.00E+00	5.39E-05
5562	ALL	652727.8	4188260	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.10E-08	9.10E-08	9.10E-08	2.13E-05	0.00E+00	3.42E-06	0.00E+00	9.10E-08	5.36E-05	0.00E+00	0.00E+00	5.36E-05
5563	ALL	652718.4	4188237	NonCancer	0.00E+00	1.36E-06	0.00E+00	8.99E-08	8.99E-08	8.99E-08	2.12E-05	0.00E+00	3.38E-06	0.00E+00	8.99E-08	5.31E-05	0.00E+00	0.00E+00	5.31E-05
5564	ALL	652708.9	4188214	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.89E-08	8.89E-08	8.89E-08	2.12E-05	0.00E+00	3.35E-06	0.00E+00	8.89E-08	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5565	ALL	652699.5	4188192	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.85E-08	8.85E-08	8.85E-08	2.11E-05	0.00E+00	3.33E-06	0.00E+00	8.85E-08	5.25E-05	0.00E+00	0.00E+00	5.25E-05
5566	ALL	652690.1	4188169	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.88E-08	8.88E-08	8.88E-08	2.11E-05	0.00E+00	3.35E-06	0.00E+00	8.88E-08	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5567	ALL	652680.6	4188146	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.97E-08	8.97E-08	8.97E-08	2.12E-05	0.00E+00	3.38E-06	0.00E+00	8.97E-08	5.30E-05	0.00E+00	0.00E+00	5.30E-05
5568	ALL	652671.2	4188124	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.06E-08	9.06E-08	9.06E-08	2.12E-05	0.00E+00	3.41E-06	0.00E+00	9.06E-08	5.33E-05	0.00E+00	0.00E+00	5.33E-05
5569	ALL	652661.7	4188101	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.11E-08	9.11E-08	9.11E-08	2.11E-05	0.00E+00	3.43E-06	0.00E+00	9.11E-08	5.35E-05	0.00E+00	0.00E+00	5.35E-05
5570	ALL	652652.3	4188078	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.10E-08	9.10E-08	9.10E-08	2.10E-05	0.00E+00	3.42E-06	0.00E+00	9.10E-08	5.33E-05	0.00E+00	0.00E+00	5.33E-05
5571	ALL	652642.9	4188056	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.02E-08	9.02E-08	9.02E-08	2.07E-05	0.00E+00	3.39E-06	0.00E+00	9.02E-08	5.27E-05	0.00E+00	0.00E+00	5.27E-05
5572	ALL	652633.4	4188033	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.88E-08	8.88E-08	8.88E-08	2.04E-05	0.00E+00	3.34E-06	0.00E+00	8.88E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
5573	ALL	652624	4188010	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.70E-08	8.70E-08	8.70E-08	2.00E-05	0.00E+00	3.27E-06	0.00E+00	8.70E-08	5.09E-05	0.00E+00	0.00E+00	5.09E-05
5574	ALL	652614.6	4187987	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.48E-08	8.48E-08	8.48E-08	1.95E-05	0.00E+00	3.19E-06	0.00E+00	8.48E-08	4.97E-05	0.00E+00	0.00E+00	4.97E-05
5575	ALL	652605.1	4187965	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.25E-08	8.25E-08	8.25E-08	1.90E-05	0.00E+00	3.10E-06	0.00E+00	8.25E-08	4.83E-05	0.00E+00	0.00E+00	4.83E-05
5576	ALL	652776.6	4188966	NonCancer	0.00E+00	8.10E-07	0.00E+00	5.38E-08	5.38E-08	5.38E-08	1.22E-05	0.00E+00	2.02E-06	0.00E+00	5.38E-08	3.14E-05	0.00E+00	0.00E+00	3.14E-05
5577	ALL	652767.1	4188943	NonCancer	0.00E+00	8.22E-07	0.00E+00	5.45E-08	5.45E-08	5.45E-08	1.24E-05	0.00E+00	2.05E-06	0.00E+00	5.45E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
5578	ALL	652757.7	4188920	NonCancer	0.00E+00	8.30E-07	0.00E+00	5.51E-08	5.51E-08	5.51E-08	1.26E-05	0.00E+00	2.07E-06	0.00E+00	5.51E-08	3.22E-05	0.00E+00	0.00E+00	3.22E-05
5579	ALL	652748.2	4188898	NonCancer	0.00E+00	8.37E-07	0.00E+00	5.55E-08	5.55E-08	5.55E-08	1.28E-05	0.00E+00	2.09E-06	0.00E+00	5.55E-08	3.25E-05	0.00E+00	0.00E+00	3.25E-05
5580	ALL	652738.7	4188875	NonCancer	0.00E+00	8.41E-07	0.00E+00	5.58E-08	5.58E-08	5.58E-08	1.29E-05	0.00E+00	2.10E-06	0.00E+00	5.58E-08	3.27E-05	0.00E+00	0.00E+00	3.27E-05
5581	ALL	652729.3	4188852	NonCancer	0.00E+00	8.44E-07	0.00E+00	5.60E-08	5.60E-08	5.60E-08	1.30E-05	0.00E+00	2.11E-06	0.00E+00	5.60E-08	3.29E-05	0.00E+00	0.00E+00	3.29E-05
5582	ALL	652719.8	4188829	NonCancer	0.00E+00	8.47E-07	0.00E+00	5.62E-08	5.62E-08	5.62E-08	1.31E-05	0.00E+00	2.11E-06	0.00E+00	5.62E-08	3.30E-05	0.00E+00	0.00E+00	3.30E-05
5583	ALL	652710.3	4188807	NonCancer	0.00E+00	8.50E-07	0.00E+00	5.64E-08	5.64E-08	5.64E-08	1.32E-05	0.00E+00	2.12E-06	0.00E+00	5.64E-08	3.32E-05	0.00E+00	0.00E+00	3.32E-05
5584	ALL	652700.9	4188784	NonCancer	0.00E+00	8.54E-07	0.00E+00	5.67E-08	5.67E-08	5.67E-08	1.33E-05	0.00E+00	2.13E-06	0.00E+00	5.67E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
5585	ALL	652691.4	4188761	NonCancer	0.00E+00	8.60E-07	0.00E+00	5.70E-08	5.70E-08	5.70E-08	1.34E-05	0.00E+00	2.15E-06	0.00E+00	5.70E-08	3.36E-05	0.00E+00	0.00E+00	3.36E-05
5586	ALL	652681.9	4188738	NonCancer	0.00E+00	8.68E-07	0.00E+00	5.75E-08	5.75E-08	5.75E-08	1.35E-05	0.00E+00	2.17E-06	0.00E+00	5.75E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
5587	ALL	652672.5	4188716	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.36E-05	0.00E+00	2.19E-06	0.00E+00	5.81E-08	3.42E-05	0.00E+00	0.00E+00	3.42E-05
5588	ALL	652663	4188693	NonCancer	0.00E+00	8.86E-07	0.00E+00	5.88E-08	5.88E-08	5.88E-08	1.37E-05	0.00E+00	2.21E-06	0.00E+00	5.88E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
5589	ALL	652653.5	4188670	NonCancer	0.00E+00	8.96E-07	0.00E+00	5.95E-08	5.95E-08	5.95E-08	1.39E-05	0.00E+00	2.24E-06	0.00E+00	5.95E-08	3.50E-05	0.00E+00	0.00E+00	3.50E-05
5590	ALL	652644.1	4188648	NonCancer	0.00E+00	9.07E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.40E-05	0.00E+00	2.26E-06	0.00E+00	6.01E-08	3.54E-05	0.00E+00	0.00E+00	3.54E-05
5591	ALL	652634.6	4188625	NonCancer	0.00E+00	9.17E-07	0.00E+00	6.08E-08	6.08E-08	6.08E-08	1.42E-05	0.00E+00	2.29E-06	0.00E+00	6.08E-08	3.58E-05	0.00E+00	0.00E+00	3.58E-05
5592	ALL	652625.2	4188602	NonCancer	0.00E+00	9.28E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.43E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.62E-05	0.00E+00	0.00E+00	3.62E-05
5593	ALL	652615.7	4188579	NonCancer	0.00E+00	9.36E-07	0.00E+00	6.21E-08	6.21E-08	6.21E-08	1.45E-05	0.00E+00	2.34E-06	0.00E+00	6.21E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
5594	ALL	652606.2	4188557	NonCancer	0.00E+00	9.43E-07	0.00E+00	6.26E-08	6.26E-08	6.26E-08	1.46E-05	0.00E+00	2.35E-06	0.00E+00	6.26E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
5595	ALL	652596.8	4188534	NonCancer	0.00E+00	9.48E-07	0.00E+00	6.29E-08	6.29E-08	6.29E-08	1.47E-05	0.00E+00	2.37E-06	0.00E+00	6.29E-08	3.70E-05	0.00E+00	0.00E+00	3.70E-05
5596	ALL	652587.3	4188511	NonCancer	0.00E+00	9.52E-07	0.00E+00	6.31E-08	6.31E-08	6.31E-08	1.48E-05	0.00E+00	2.38E-06	0.00E+00	6.31E-08	3.72E-05	0.00E+00	0.00E+00	3.72E-05
5597	ALL	652577.8	4188488	NonCancer	0.00E+00	9.56E-07	0.00E+00	6.34E-08	6.34E-08	6.34E-08	1.49E-05	0.00E+00	2.39E-06	0.00E+00	6.34E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
5598	ALL	652568.4	4188466	NonCancer	0.00E+00	9.62E-07	0.00E+00	6.38E-08	6.38E-08	6.38E-08	1.50E-05	0.00E+00	2.40E-06	0.00E+00	6.38E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5599	ALL	652558.9	4188443	NonCancer	0.00E+00	9.70E-07	0.00E+00	6.44E-08	6.44E-08	6.44E-08	1.51E-05	0.00E+00	2.42E-06	0.00E+00	6.44E-08	3.80E-05	0.00E+00	0.00E+00	3.80E-05

5600	ALL	652549.4	4188420	NonCancer	0.00E+00	9.80E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.52E-05	0.00E+00	2.45E-06	0.00E+00	6.50E-08	3.83E-05	0.00E+00	0.00E+00	3.83E-05
5601	ALL	652540	4188397	NonCancer	0.00E+00	9.90E-07	0.00E+00	6.56E-08	6.56E-08	6.56E-08	1.53E-05	0.00E+00	2.47E-06	0.00E+00	6.56E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
5602	ALL	652530.5	4188375	NonCancer	0.00E+00	9.96E-07	0.00E+00	6.61E-08	6.61E-08	6.61E-08	1.53E-05	0.00E+00	2.48E-06	0.00E+00	6.61E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
5603	ALL	652521	4188352	NonCancer	0.00E+00	9.97E-07	0.00E+00	6.61E-08	6.61E-08	6.61E-08	1.53E-05	0.00E+00	2.49E-06	0.00E+00	6.61E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
5604	ALL	652511.6	4188329	NonCancer	0.00E+00	9.91E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.53E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
5605	ALL	652502.1	4188306	NonCancer	0.00E+00	9.80E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.52E-05	0.00E+00	2.45E-06	0.00E+00	6.50E-08	3.83E-05	0.00E+00	0.00E+00	3.83E-05
5606	ALL	652492.6	4188284	NonCancer	0.00E+00	9.68E-07	0.00E+00	6.42E-08	6.42E-08	6.42E-08	1.51E-05	0.00E+00	2.42E-06	0.00E+00	6.42E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
5607	ALL	652483.2	4188261	NonCancer	0.00E+00	9.59E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.51E-05	0.00E+00	2.40E-06	0.00E+00	6.36E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
5608	ALL	652473.7	4188238	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.51E-05	0.00E+00	2.39E-06	0.00E+00	6.35E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
5609	ALL	652464.2	4188216	NonCancer	0.00E+00	9.61E-07	0.00E+00	6.37E-08	6.37E-08	6.37E-08	1.51E-05	0.00E+00	2.40E-06	0.00E+00	6.37E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5610	ALL	652454.8	4188193	NonCancer	0.00E+00	9.70E-07	0.00E+00	6.43E-08	6.43E-08	6.43E-08	1.51E-05	0.00E+00	2.42E-06	0.00E+00	6.43E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
5611	ALL	652445.3	4188170	NonCancer	0.00E+00	9.80E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.52E-05	0.00E+00	2.45E-06	0.00E+00	6.50E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
5612	ALL	652435.9	4188147	NonCancer	0.00E+00	9.88E-07	0.00E+00	6.56E-08	6.56E-08	6.56E-08	1.52E-05	0.00E+00	2.47E-06	0.00E+00	6.56E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
5613	ALL	652426.4	4188125	NonCancer	0.00E+00	9.92E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.51E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
5614	ALL	652416.9	4188102	NonCancer	0.00E+00	9.90E-07	0.00E+00	6.57E-08	6.57E-08	6.57E-08	1.51E-05	0.00E+00	2.47E-06	0.00E+00	6.57E-08	3.84E-05	0.00E+00	0.00E+00	3.84E-05
5615	ALL	652407.5	4188079	NonCancer	0.00E+00	9.83E-07	0.00E+00	6.52E-08	6.52E-08	6.52E-08	1.49E-05	0.00E+00	2.45E-06	0.00E+00	6.52E-08	3.81E-05	0.00E+00	0.00E+00	3.81E-05
5616	ALL	652398	4188056	NonCancer	0.00E+00	9.72E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.47E-05	0.00E+00	2.42E-06	0.00E+00	6.45E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5617	ALL	652388.5	4188034	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.45E-05	0.00E+00	2.39E-06	0.00E+00	6.35E-08	3.71E-05	0.00E+00	0.00E+00	3.71E-05
5618	ALL	652379.1	4188011	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.42E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.64E-05	0.00E+00	0.00E+00	3.64E-05
5619	ALL	652369.6	4187988	NonCancer	0.00E+00	9.18E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.40E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.56E-05	0.00E+00	0.00E+00	3.56E-05
5620	ALL	652360.1	4187965	NonCancer	0.00E+00	8.96E-07	0.00E+00	5.94E-08	5.94E-08	5.94E-08	1.37E-05	0.00E+00	2.23E-06	0.00E+00	5.94E-08	3.48E-05	0.00E+00	0.00E+00	3.48E-05
5621	ALL	652350.7	4187943	NonCancer	0.00E+00	8.74E-07	0.00E+00	5.80E-08	5.80E-08	5.80E-08	1.34E-05	0.00E+00	2.18E-06	0.00E+00	5.80E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
5622	ALL	652608.4	4189151	NonCancer	0.00E+00	6.15E-07	0.00E+00	4.08E-08	4.08E-08	4.08E-08	9.26E-06	0.00E+00	1.53E-06	0.00E+00	4.08E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
5623	ALL	652599	4189128	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.39E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.41E-05	0.00E+00	0.00E+00	2.41E-05
5624	ALL	652589.6	4189106	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.51E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.44E-05	0.00E+00	0.00E+00	2.44E-05
5625	ALL	652580.2	4189083	NonCancer	0.00E+00	6.34E-07	0.00E+00	4.20E-08	4.20E-08	4.20E-08	9.61E-06	0.00E+00	1.58E-06	0.00E+00	4.20E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
5626	ALL	652570.8	4189060	NonCancer	0.00E+00	6.37E-07	0.00E+00	4.23E-08	4.23E-08	4.23E-08	9.70E-06	0.00E+00	1.59E-06	0.00E+00	4.23E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
5627	ALL	652561.4	4189038	NonCancer	0.00E+00	6.40E-07	0.00E+00	4.24E-08	4.24E-08	4.24E-08	9.77E-06	0.00E+00	1.60E-06	0.00E+00	4.24E-08	2.49E-05	0.00E+00	0.00E+00	2.49E-05
5628	ALL	652552	4189015	NonCancer	0.00E+00	6.42E-07	0.00E+00	4.26E-08	4.26E-08	4.26E-08	9.83E-06	0.00E+00	1.60E-06	0.00E+00	4.26E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
5629	ALL	652542.6	4188993	NonCancer	0.00E+00	6.43E-07	0.00E+00	4.26E-08	4.26E-08	4.26E-08	9.89E-06	0.00E+00	1.60E-06	0.00E+00	4.26E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
5630	ALL	652533.2	4188970	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.27E-08	4.27E-08	4.27E-08	9.94E-06	0.00E+00	1.61E-06	0.00E+00	4.27E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
5631	ALL	652523.8	4188948	NonCancer	0.00E+00	6.47E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.99E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
5632	ALL	652514.4	4188925	NonCancer	0.00E+00	6.50E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	1.00E-05	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.53E-05	0.00E+00	0.00E+00	2.53E-05
5633	ALL	652505	4188902	NonCancer	0.00E+00	6.54E-07	0.00E+00	4.33E-08	4.33E-08	4.33E-08	1.01E-05	0.00E+00	1.63E-06	0.00E+00	4.33E-08	2.55E-05	0.00E+00	0.00E+00	2.55E-05
5634	ALL	652495.6	4188880	NonCancer	0.00E+00	6.59E-07	0.00E+00	4.37E-08	4.37E-08	4.37E-08	1.02E-05	0.00E+00	1.64E-06	0.00E+00	4.37E-08	2.57E-05	0.00E+00	0.00E+00	2.57E-05
5635	ALL	652486.2	4188857	NonCancer	0.00E+00	6.64E-07	0.00E+00	4.41E-08	4.41E-08	4.41E-08	1.02E-05	0.00E+00	1.66E-06	0.00E+00	4.41E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
5636	ALL	652476.8	4188835	NonCancer	0.00E+00	6.71E-07	0.00E+00	4.45E-08	4.45E-08	4.45E-08	1.03E-05	0.00E+00	1.67E-06	0.00E+00	4.45E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
5637	ALL	652467.4	4188812	NonCancer	0.00E+00	6.77E-07	0.00E+00	4.49E-08	4.49E-08	4.49E-08	1.04E-05	0.00E+00	1.69E-06	0.00E+00	4.49E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
5638	ALL	652458	4188790	NonCancer	0.00E+00	6.84E-07	0.00E+00	4.53E-08	4.53E-08	4.53E-08	1.05E-05	0.00E+00	1.71E-06	0.00E+00	4.53E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
5639	ALL	652448.6	4188767	NonCancer	0.00E+00	6.90E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.06E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
5640	ALL	652439.2	4188744	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.07E-05	0.00E+00	1.74E-06	0.00E+00	4.62E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
5641	ALL	652429.8	4188722	NonCancer	0.00E+00	7.03E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.08E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
5642	ALL	652420.4	4188699	NonCancer	0.00E+00	7.09E-07	0.00E+00	4.71E-08	4.71E-08	4.71E-08	1.09E-05	0.00E+00	1.77E-06	0.00E+00	4.71E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
5643	ALL	652411	4188677	NonCancer	0.00E+00	7.14E-07	0.00E+00	4.74E-08	4.74E-08	4.74E-08	1.10E-05	0.00E+00	1.78E-06	0.00E+00	4.74E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
5644	ALL	652401.6	4188654	NonCancer	0.00E+00	7.18E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.11E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
5645	ALL	652392.2	4188632	NonCancer	0.00E+00	7.21E-07	0.00E+00	4.78E-08	4.78E-08	4.78E-08	1.12E-05	0.00E+00	1.80E-06	0.00E+00	4.78E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
5646	ALL	652382.8	4188609	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.12E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.82E-05	0.00E+00	0.00E+00	2.82E-05
5647	ALL	652373.4	4188586	NonCancer	0.00E+00	7.25E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.13E-05	0.00E+00	1.81E-06	0.00E+00	4.81E-08	2.83E-05	0.00E+00	0.00E+00	2.83E-05
5648	ALL	652364	4188564	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.13E-05	0.00E+00	1.82E-06	0.00E+00	4.83E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5649	ALL	652354.6	4188541	NonCancer	0.00E+00	7.33E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.14E-05	0.00E+00	1.83E-06	0.00E+00	4.86E-08	2.87E-05	0.00E+00	0.00E+00	2.87E-05

5650	ALL	652345.2	4188519	NonCancer	0.00E+00	7.40E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.15E-05	0.00E+00	1.85E-06	0.00E+00	4.90E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5651	ALL	652335.8	4188496	NonCancer	0.00E+00	7.47E-07	0.00E+00	4.95E-08	4.95E-08	4.95E-08	1.15E-05	0.00E+00	1.86E-06	0.00E+00	4.95E-08	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5652	ALL	652326.4	4188473	NonCancer	0.00E+00	7.54E-07	0.00E+00	5.00E-08	5.00E-08	5.00E-08	1.16E-05	0.00E+00	1.88E-06	0.00E+00	5.00E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5653	ALL	652317	4188451	NonCancer	0.00E+00	7.59E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.95E-05	0.00E+00	0.00E+00	2.95E-05
5654	ALL	652307.6	4188428	NonCancer	0.00E+00	7.61E-07	0.00E+00	5.05E-08	5.05E-08	5.05E-08	1.16E-05	0.00E+00	1.90E-06	0.00E+00	5.05E-08	2.95E-05	0.00E+00	0.00E+00	2.95E-05
5655	ALL	652298.2	4188406	NonCancer	0.00E+00	7.58E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.94E-05	0.00E+00	0.00E+00	2.94E-05
5656	ALL	652288.8	4188383	NonCancer	0.00E+00	7.52E-07	0.00E+00	4.99E-08	4.99E-08	4.99E-08	1.15E-05	0.00E+00	1.87E-06	0.00E+00	4.99E-08	2.92E-05	0.00E+00	0.00E+00	2.92E-05
5657	ALL	652279.4	4188361	NonCancer	0.00E+00	7.43E-07	0.00E+00	4.93E-08	4.93E-08	4.93E-08	1.15E-05	0.00E+00	1.85E-06	0.00E+00	4.93E-08	2.90E-05	0.00E+00	0.00E+00	2.90E-05
5658	ALL	652270	4188338	NonCancer	0.00E+00	7.34E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.14E-05	0.00E+00	1.83E-06	0.00E+00	4.87E-08	2.87E-05	0.00E+00	0.00E+00	2.87E-05
5659	ALL	652260.6	4188315	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.14E-05	0.00E+00	1.82E-06	0.00E+00	4.83E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5660	ALL	652251.2	4188293	NonCancer	0.00E+00	7.25E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.14E-05	0.00E+00	1.81E-06	0.00E+00	4.81E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
5661	ALL	652241.8	4188270	NonCancer	0.00E+00	7.27E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.14E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5662	ALL	652232.4	4188248	NonCancer	0.00E+00	7.32E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.14E-05	0.00E+00	1.83E-06	0.00E+00	4.86E-08	2.87E-05	0.00E+00	0.00E+00	2.87E-05
5663	ALL	652223	4188225	NonCancer	0.00E+00	7.40E-07	0.00E+00	4.91E-08	4.91E-08	4.91E-08	1.15E-05	0.00E+00	1.85E-06	0.00E+00	4.91E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5664	ALL	652213.6	4188203	NonCancer	0.00E+00	7.47E-07	0.00E+00	4.96E-08	4.96E-08	4.96E-08	1.15E-05	0.00E+00	1.86E-06	0.00E+00	4.96E-08	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5665	ALL	652204.2	4188180	NonCancer	0.00E+00	7.53E-07	0.00E+00	4.99E-08	4.99E-08	4.99E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	4.99E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5666	ALL	652194.8	4188157	NonCancer	0.00E+00	7.56E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5667	ALL	652185.4	4188135	NonCancer	0.00E+00	7.56E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5668	ALL	652176	4188112	NonCancer	0.00E+00	7.52E-07	0.00E+00	4.99E-08	4.99E-08	4.99E-08	1.14E-05	0.00E+00	1.88E-06	0.00E+00	4.99E-08	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5669	ALL	652166.6	4188090	NonCancer	0.00E+00	7.46E-07	0.00E+00	4.95E-08	4.95E-08	4.95E-08	1.13E-05	0.00E+00	1.86E-06	0.00E+00	4.95E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5670	ALL	652157.2	4188067	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.12E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.86E-05	0.00E+00	0.00E+00	2.86E-05
5671	ALL	652147.8	4188045	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.10E-05	0.00E+00	1.82E-06	0.00E+00	4.83E-08	2.82E-05	0.00E+00	0.00E+00	2.82E-05
5672	ALL	652138.4	4188022	NonCancer	0.00E+00	7.17E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.08E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
5673	ALL	652129	4187999	NonCancer	0.00E+00	7.04E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.07E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
5674	ALL	652119.6	4187977	NonCancer	0.00E+00	6.89E-07	0.00E+00	4.57E-08	4.57E-08	4.57E-08	1.05E-05	0.00E+00	1.72E-06	0.00E+00	4.57E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
5675	ALL	652110.2	4187954	NonCancer	0.00E+00	6.74E-07	0.00E+00	4.47E-08	4.47E-08	4.47E-08	1.03E-05	0.00E+00	1.68E-06	0.00E+00	4.47E-08	2.62E-05	0.00E+00	0.00E+00	2.62E-05
5676	ALL	652100.8	4187932	NonCancer	0.00E+00	6.59E-07	0.00E+00	4.37E-08	4.37E-08	4.37E-08	1.01E-05	0.00E+00	1.64E-06	0.00E+00	4.37E-08	2.56E-05	0.00E+00	0.00E+00	2.56E-05
5677	ALL	652622.2	4189170	NonCancer	0.00E+00	6.09E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.15E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
5678	ALL	652440.1	4189336	NonCancer	0.00E+00	4.86E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.30E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
5679	ALL	652430.7	4189313	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.39E-06	0.00E+00	1.23E-06	0.00E+00	3.26E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
5680	ALL	652421.2	4189290	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.47E-06	0.00E+00	1.24E-06	0.00E+00	3.29E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
5681	ALL	652411.8	4189268	NonCancer	0.00E+00	5.00E-07	0.00E+00	3.32E-08	3.32E-08	3.32E-08	7.55E-06	0.00E+00	1.25E-06	0.00E+00	3.32E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
5682	ALL	652402.4	4189245	NonCancer	0.00E+00	5.03E-07	0.00E+00	3.33E-08	3.33E-08	3.33E-08	7.61E-06	0.00E+00	1.25E-06	0.00E+00	3.33E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
5683	ALL	652393	4189222	NonCancer	0.00E+00	5.05E-07	0.00E+00	3.35E-08	3.35E-08	3.35E-08	7.67E-06	0.00E+00	1.26E-06	0.00E+00	3.35E-08	1.96E-05	0.00E+00	0.00E+00	1.96E-05
5684	ALL	652383.6	4189200	NonCancer	0.00E+00	5.06E-07	0.00E+00	3.36E-08	3.36E-08	3.36E-08	7.71E-06	0.00E+00	1.26E-06	0.00E+00	3.36E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
5685	ALL	652374.1	4189177	NonCancer	0.00E+00	5.07E-07	0.00E+00	3.37E-08	3.37E-08	3.37E-08	7.75E-06	0.00E+00	1.27E-06	0.00E+00	3.37E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
5686	ALL	652364.7	4189155	NonCancer	0.00E+00	5.08E-07	0.00E+00	3.37E-08	3.37E-08	3.37E-08	7.79E-06	0.00E+00	1.27E-06	0.00E+00	3.37E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
5687	ALL	652355.3	4189132	NonCancer	0.00E+00	5.09E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.82E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
5688	ALL	652345.9	4189109	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.85E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
5689	ALL	652336.4	4189087	NonCancer	0.00E+00	5.12E-07	0.00E+00	3.39E-08	3.39E-08	3.39E-08	7.89E-06	0.00E+00	1.28E-06	0.00E+00	3.39E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
5690	ALL	652327	4189064	NonCancer	0.00E+00	5.14E-07	0.00E+00	3.41E-08	3.41E-08	3.41E-08	7.93E-06	0.00E+00	1.28E-06	0.00E+00	3.41E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
5691	ALL	652317.6	4189041	NonCancer	0.00E+00	5.17E-07	0.00E+00	3.43E-08	3.43E-08	3.43E-08	7.97E-06	0.00E+00	1.29E-06	0.00E+00	3.43E-08	2.01E-05	0.00E+00	0.00E+00	2.01E-05
5692	ALL	652308.2	4189019	NonCancer	0.00E+00	5.21E-07	0.00E+00	3.45E-08	3.45E-08	3.45E-08	8.01E-06	0.00E+00	1.30E-06	0.00E+00	3.45E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
5693	ALL	652298.7	4188996	NonCancer	0.00E+00	5.25E-07	0.00E+00	3.48E-08	3.48E-08	3.48E-08	8.06E-06	0.00E+00	1.31E-06	0.00E+00	3.48E-08	2.04E-05	0.00E+00	0.00E+00	2.04E-05
5694	ALL	652289.3	4188973	NonCancer	0.00E+00	5.29E-07	0.00E+00	3.51E-08	3.51E-08	3.51E-08	8.12E-06	0.00E+00	1.32E-06	0.00E+00	3.51E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
5695	ALL	652279.9	4188951	NonCancer	0.00E+00	5.34E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	8.18E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
5696	ALL	652270.5	4188928	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	8.25E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.09E-05	0.00E+00	0.00E+00	2.09E-05
5697	ALL	652261	4188906	NonCancer	0.00E+00	5.43E-07	0.00E+00	3.60E-08	3.60E-08	3.60E-08	8.32E-06	0.00E+00	1.35E-06	0.00E+00	3.60E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
5698	ALL	652251.6	4188883	NonCancer	0.00E+00	5.47E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.39E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
5699	ALL	652242.2	4188860	NonCancer	0.00E+00	5.51E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.46E-06	0.00E+00	1.38E-06	0.00E+00	3.66E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05

5700	ALL	652232.8	4188838	NonCancer	0.00E+00	5.56E-07	0.00E+00	3.69E-08	3.69E-08	3.69E-08	8.52E-06	0.00E+00	1.39E-06	0.00E+00	3.69E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
5701	ALL	652223.3	4188815	NonCancer	0.00E+00	5.60E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.59E-06	0.00E+00	1.40E-06	0.00E+00	3.71E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
5702	ALL	652213.9	4188792	NonCancer	0.00E+00	5.64E-07	0.00E+00	3.74E-08	3.74E-08	3.74E-08	8.65E-06	0.00E+00	1.41E-06	0.00E+00	3.74E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
5703	ALL	652204.5	4188770	NonCancer	0.00E+00	5.67E-07	0.00E+00	3.76E-08	3.76E-08	3.76E-08	8.71E-06	0.00E+00	1.41E-06	0.00E+00	3.76E-08	2.21E-05	0.00E+00	0.00E+00	2.21E-05
5704	ALL	652195.1	4188747	NonCancer	0.00E+00	5.69E-07	0.00E+00	3.77E-08	3.77E-08	3.77E-08	8.76E-06	0.00E+00	1.42E-06	0.00E+00	3.77E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5705	ALL	652185.7	4188724	NonCancer	0.00E+00	5.70E-07	0.00E+00	3.78E-08	3.78E-08	3.78E-08	8.80E-06	0.00E+00	1.42E-06	0.00E+00	3.78E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5706	ALL	652176.2	4188702	NonCancer	0.00E+00	5.71E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.84E-06	0.00E+00	1.43E-06	0.00E+00	3.79E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
5707	ALL	652166.8	4188679	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.88E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5708	ALL	652157.4	4188657	NonCancer	0.00E+00	5.75E-07	0.00E+00	3.81E-08	3.81E-08	3.81E-08	8.93E-06	0.00E+00	1.43E-06	0.00E+00	3.81E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5709	ALL	652148	4188634	NonCancer	0.00E+00	5.78E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.97E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5710	ALL	652138.5	4188611	NonCancer	0.00E+00	5.82E-07	0.00E+00	3.86E-08	3.86E-08	3.86E-08	9.02E-06	0.00E+00	1.45E-06	0.00E+00	3.86E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5711	ALL	652129.1	4188589	NonCancer	0.00E+00	5.87E-07	0.00E+00	3.90E-08	3.90E-08	3.90E-08	9.06E-06	0.00E+00	1.47E-06	0.00E+00	3.90E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5712	ALL	652119.7	4188566	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	9.10E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5713	ALL	652110.3	4188543	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.14E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5714	ALL	652100.8	4188521	NonCancer	0.00E+00	6.02E-07	0.00E+00	3.99E-08	3.99E-08	3.99E-08	9.16E-06	0.00E+00	1.50E-06	0.00E+00	3.99E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
5715	ALL	652091.4	4188498	NonCancer	0.00E+00	6.03E-07	0.00E+00	4.00E-08	4.00E-08	4.00E-08	9.16E-06	0.00E+00	1.50E-06	0.00E+00	4.00E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
5716	ALL	652082	4188475	NonCancer	0.00E+00	6.01E-07	0.00E+00	3.99E-08	3.99E-08	3.99E-08	9.14E-06	0.00E+00	1.50E-06	0.00E+00	3.99E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
5717	ALL	652072.6	4188453	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.11E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5718	ALL	652063.1	4188430	NonCancer	0.00E+00	5.90E-07	0.00E+00	3.92E-08	3.92E-08	3.92E-08	9.07E-06	0.00E+00	1.47E-06	0.00E+00	3.92E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
5719	ALL	652053.7	4188408	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	9.03E-06	0.00E+00	1.46E-06	0.00E+00	3.87E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
5720	ALL	652044.3	4188385	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.99E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5721	ALL	652034.9	4188362	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.96E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5722	ALL	652025.4	4188340	NonCancer	0.00E+00	5.72E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.96E-06	0.00E+00	1.43E-06	0.00E+00	3.79E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5723	ALL	652016	4188317	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.97E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5724	ALL	652006.6	4188294	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.99E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5725	ALL	651997.2	4188272	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	9.03E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5726	ALL	651987.7	4188249	NonCancer	0.00E+00	5.89E-07	0.00E+00	3.90E-08	3.90E-08	3.90E-08	9.06E-06	0.00E+00	1.47E-06	0.00E+00	3.90E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5727	ALL	651978.3	4188226	NonCancer	0.00E+00	5.94E-07	0.00E+00	3.94E-08	3.94E-08	3.94E-08	9.08E-06	0.00E+00	1.48E-06	0.00E+00	3.94E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5728	ALL	651968.9	4188204	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.09E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5729	ALL	651959.5	4188181	NonCancer	0.00E+00	5.99E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.08E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5730	ALL	651950.1	4188159	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.05E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5731	ALL	651940.6	4188136	NonCancer	0.00E+00	5.96E-07	0.00E+00	3.95E-08	3.95E-08	3.95E-08	9.01E-06	0.00E+00	1.49E-06	0.00E+00	3.95E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5732	ALL	651931.2	4188113	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.94E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5733	ALL	651921.8	4188091	NonCancer	0.00E+00	5.87E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.86E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5734	ALL	651912.4	4188068	NonCancer	0.00E+00	5.81E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.76E-06	0.00E+00	1.45E-06	0.00E+00	3.85E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5735	ALL	651902.9	4188045	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.65E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5736	ALL	651893.5	4188023	NonCancer	0.00E+00	5.65E-07	0.00E+00	3.75E-08	3.75E-08	3.75E-08	8.53E-06	0.00E+00	1.41E-06	0.00E+00	3.75E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
5737	ALL	651884.1	4188000	NonCancer	0.00E+00	5.55E-07	0.00E+00	3.68E-08	3.68E-08	3.68E-08	8.40E-06	0.00E+00	1.38E-06	0.00E+00	3.68E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
5738	ALL	651874.7	4187977	NonCancer	0.00E+00	5.45E-07	0.00E+00	3.61E-08	3.61E-08	3.61E-08	8.26E-06	0.00E+00	1.36E-06	0.00E+00	3.61E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
5739	ALL	651865.2	4187955	NonCancer	0.00E+00	5.34E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	8.13E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
5740	ALL	651855.8	4187932	NonCancer	0.00E+00	5.23E-07	0.00E+00	3.47E-08	3.47E-08	3.47E-08	7.99E-06	0.00E+00	1.31E-06	0.00E+00	3.47E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
5741	ALL	652103.6	4189705	NonCancer	0.00E+00	3.30E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	4.93E-06	0.00E+00	8.22E-07	0.00E+00	2.19E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
5742	ALL	652094.1	4189683	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	4.99E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
5743	ALL	652084.6	4189660	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.03E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
5744	ALL	652075.2	4189637	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.08E-06	0.00E+00	8.42E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5745	ALL	652065.7	4189615	NonCancer	0.00E+00	3.40E-07	0.00E+00	2.25E-08	2.25E-08	2.25E-08	5.12E-06	0.00E+00	8.47E-07	0.00E+00	2.25E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5746	ALL	652056.3	4189592	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.15E-06	0.00E+00	8.51E-07	0.00E+00	2.26E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
5747	ALL	652046.8	4189569	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.18E-06	0.00E+00	8.54E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5748	ALL	652037.4	4189546	NonCancer	0.00E+00	3.44E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	5.20E-06	0.00E+00	8.56E-07	0.00E+00	2.28E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5749	ALL	652027.9	4189524	NonCancer	0.00E+00	3.44E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	5.23E-06	0.00E+00	8.58E-07	0.00E+00	2.28E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05

5750	ALL	652018.4	4189501	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.25E-06	0.00E+00	8.60E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5751	ALL	652009	4189478	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.26E-06	0.00E+00	8.61E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5752	ALL	651999.5	4189456	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.28E-06	0.00E+00	8.61E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5753	ALL	651990.1	4189433	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.29E-06	0.00E+00	8.62E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5754	ALL	651980.6	4189410	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.31E-06	0.00E+00	8.63E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5755	ALL	651971.1	4189387	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.33E-06	0.00E+00	8.65E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5756	ALL	651961.7	4189365	NonCancer	0.00E+00	3.48E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.34E-06	0.00E+00	8.68E-07	0.00E+00	2.31E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5757	ALL	651952.2	4189342	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.36E-06	0.00E+00	8.71E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
5758	ALL	651942.8	4189319	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.39E-06	0.00E+00	8.76E-07	0.00E+00	2.33E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
5759	ALL	651933.3	4189296	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.41E-06	0.00E+00	8.81E-07	0.00E+00	2.34E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
5760	ALL	651923.8	4189274	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.44E-06	0.00E+00	8.87E-07	0.00E+00	2.36E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
5761	ALL	651914.4	4189251	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.47E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
5762	ALL	651904.9	4189228	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.50E-06	0.00E+00	9.00E-07	0.00E+00	2.39E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
5763	ALL	651895.5	4189206	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.54E-06	0.00E+00	9.06E-07	0.00E+00	2.41E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
5764	ALL	651886	4189183	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.57E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
5765	ALL	651876.6	4189160	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.61E-06	0.00E+00	9.17E-07	0.00E+00	2.44E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
5766	ALL	651867.1	4189137	NonCancer	0.00E+00	3.70E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.64E-06	0.00E+00	9.23E-07	0.00E+00	2.45E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
5767	ALL	651857.6	4189115	NonCancer	0.00E+00	3.72E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.68E-06	0.00E+00	9.28E-07	0.00E+00	2.47E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
5768	ALL	651848.2	4189092	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.72E-06	0.00E+00	9.34E-07	0.00E+00	2.48E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
5769	ALL	651838.7	4189069	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.75E-06	0.00E+00	9.39E-07	0.00E+00	2.50E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
5770	ALL	651829.3	4189047	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.51E-08	2.51E-08	2.51E-08	5.79E-06	0.00E+00	9.45E-07	0.00E+00	2.51E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
5771	ALL	651819.8	4189024	NonCancer	0.00E+00	3.81E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.82E-06	0.00E+00	9.51E-07	0.00E+00	2.53E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
5772	ALL	651810.3	4189001	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.85E-06	0.00E+00	9.55E-07	0.00E+00	2.54E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
5773	ALL	651800.9	4188978	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.88E-06	0.00E+00	9.59E-07	0.00E+00	2.55E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5774	ALL	651791.4	4188956	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.91E-06	0.00E+00	9.62E-07	0.00E+00	2.56E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5775	ALL	651782	4188933	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.93E-06	0.00E+00	9.63E-07	0.00E+00	2.56E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5776	ALL	651772.5	4188910	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.94E-06	0.00E+00	9.63E-07	0.00E+00	2.56E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5777	ALL	651763.1	4188887	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.95E-06	0.00E+00	9.64E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5778	ALL	651753.6	4188865	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.98E-06	0.00E+00	9.66E-07	0.00E+00	2.57E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5779	ALL	651744.1	4188842	NonCancer	0.00E+00	3.88E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	6.00E-06	0.00E+00	9.69E-07	0.00E+00	2.57E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5780	ALL	651734.7	4188819	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	6.02E-06	0.00E+00	9.72E-07	0.00E+00	2.58E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5781	ALL	651725.2	4188797	NonCancer	0.00E+00	3.92E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	6.05E-06	0.00E+00	9.77E-07	0.00E+00	2.60E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
5782	ALL	651715.8	4188774	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	6.08E-06	0.00E+00	9.84E-07	0.00E+00	2.62E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5783	ALL	651706.3	4188751	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	6.10E-06	0.00E+00	9.92E-07	0.00E+00	2.64E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5784	ALL	651696.8	4188728	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	6.13E-06	0.00E+00	1.00E-06	0.00E+00	2.66E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5785	ALL	651687.4	4188706	NonCancer	0.00E+00	4.04E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5786	ALL	651677.9	4188683	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.17E-06	0.00E+00	1.02E-06	0.00E+00	2.70E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5787	ALL	651668.5	4188660	NonCancer	0.00E+00	4.09E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.18E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5788	ALL	651659	4188638	NonCancer	0.00E+00	4.10E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.18E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
5789	ALL	651649.6	4188615	NonCancer	0.00E+00	4.09E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.17E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5790	ALL	651640.1	4188592	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.16E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5791	ALL	651630.6	4188569	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.13E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5792	ALL	651621.2	4188547	NonCancer	0.00E+00	3.99E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	6.10E-06	0.00E+00	9.95E-07	0.00E+00	2.65E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5793	ALL	651611.7	4188524	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	6.07E-06	0.00E+00	9.84E-07	0.00E+00	2.61E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5794	ALL	651602.3	4188501	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	6.04E-06	0.00E+00	9.74E-07	0.00E+00	2.59E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5795	ALL	651592.8	4188479	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	6.02E-06	0.00E+00	9.66E-07	0.00E+00	2.57E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5796	ALL	651583.3	4188456	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	6.01E-06	0.00E+00	9.62E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5797	ALL	651573.9	4188433	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	6.01E-06	0.00E+00	9.62E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5798	ALL	651564.4	4188410	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	6.02E-06	0.00E+00	9.65E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5799	ALL	651555	4188388	NonCancer	0.00E+00	3.89E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	6.04E-06	0.00E+00	9.71E-07	0.00E+00	2.58E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05

5800	ALL	651545.5	4188365	NonCancer	0.00E+00	3.93E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	6.07E-06	0.00E+00	9.79E-07	0.00E+00	2.60E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
5801	ALL	651536.1	4188342	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	6.09E-06	0.00E+00	9.88E-07	0.00E+00	2.63E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5802	ALL	651526.6	4188319	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	6.11E-06	0.00E+00	9.97E-07	0.00E+00	2.65E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5803	ALL	651517.1	4188297	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	6.13E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5804	ALL	651507.7	4188274	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.14E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5805	ALL	651498.2	4188251	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5806	ALL	651488.8	4188229	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.14E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5807	ALL	651479.3	4188206	NonCancer	0.00E+00	4.06E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.12E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5808	ALL	651469.8	4188183	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.09E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5809	ALL	651460.4	4188160	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	6.06E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5810	ALL	651450.9	4188138	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	6.02E-06	0.00E+00	9.97E-07	0.00E+00	2.65E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5811	ALL	651441.5	4188115	NonCancer	0.00E+00	3.97E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.97E-06	0.00E+00	9.90E-07	0.00E+00	2.63E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5812	ALL	651432	4188092	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.92E-06	0.00E+00	9.81E-07	0.00E+00	2.61E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5813	ALL	651422.6	4188070	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.86E-06	0.00E+00	9.71E-07	0.00E+00	2.59E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5814	ALL	651413.1	4188047	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.79E-06	0.00E+00	9.60E-07	0.00E+00	2.56E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
5815	ALL	651403.6	4188024	NonCancer	0.00E+00	3.80E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.72E-06	0.00E+00	9.47E-07	0.00E+00	2.52E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
5816	ALL	651394.2	4188001	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.65E-06	0.00E+00	9.33E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
5817	ALL	651384.7	4187979	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.57E-06	0.00E+00	9.18E-07	0.00E+00	2.44E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
5818	ALL	651375.3	4187956	NonCancer	0.00E+00	3.62E-07	0.00E+00	2.40E-08	2.40E-08	2.40E-08	5.50E-06	0.00E+00	9.03E-07	0.00E+00	2.40E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
5819	ALL	651365.8	4187933	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.42E-06	0.00E+00	8.88E-07	0.00E+00	2.36E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
5820	ALL	651356.3	4187910	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.35E-06	0.00E+00	8.74E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
5821	ALL	652117.4	4189725	NonCancer	0.00E+00	3.27E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.89E-06	0.00E+00	8.16E-07	0.00E+00	2.17E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
5822	ALL	651767.1	4190075	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.60E-06	0.00E+00	6.02E-07	0.00E+00	1.60E-08	9.32E-06	0.00E+00	0.00E+00	9.32E-06
5823	ALL	651757.6	4190053	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.64E-06	0.00E+00	6.07E-07	0.00E+00	1.62E-08	9.40E-06	0.00E+00	0.00E+00	9.40E-06
5824	ALL	651748.2	4190030	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.67E-06	0.00E+00	6.11E-07	0.00E+00	1.63E-08	9.46E-06	0.00E+00	0.00E+00	9.46E-06
5825	ALL	651738.8	4190007	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.69E-06	0.00E+00	6.15E-07	0.00E+00	1.64E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5826	ALL	651729.3	4189985	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.72E-06	0.00E+00	6.18E-07	0.00E+00	1.64E-08	9.58E-06	0.00E+00	0.00E+00	9.58E-06
5827	ALL	651719.9	4189962	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.74E-06	0.00E+00	6.20E-07	0.00E+00	1.65E-08	9.62E-06	0.00E+00	0.00E+00	9.62E-06
5828	ALL	651710.5	4189939	NonCancer	0.00E+00	2.50E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.76E-06	0.00E+00	6.23E-07	0.00E+00	1.66E-08	9.66E-06	0.00E+00	0.00E+00	9.66E-06
5829	ALL	651701	4189917	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.78E-06	0.00E+00	6.25E-07	0.00E+00	1.66E-08	9.70E-06	0.00E+00	0.00E+00	9.70E-06
5830	ALL	651691.6	4189894	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.79E-06	0.00E+00	6.26E-07	0.00E+00	1.67E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
5831	ALL	651682.2	4189871	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.81E-06	0.00E+00	6.28E-07	0.00E+00	1.67E-08	9.75E-06	0.00E+00	0.00E+00	9.75E-06
5832	ALL	651672.7	4189849	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.82E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.77E-06	0.00E+00	0.00E+00	9.77E-06
5833	ALL	651663.3	4189826	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.83E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.79E-06	0.00E+00	0.00E+00	9.79E-06
5834	ALL	651653.9	4189803	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.84E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.80E-06	0.00E+00	0.00E+00	9.80E-06
5835	ALL	651644.4	4189781	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.85E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.81E-06	0.00E+00	0.00E+00	9.81E-06
5836	ALL	651635	4189758	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.85E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5837	ALL	651625.6	4189735	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.86E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5838	ALL	651616.1	4189713	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.87E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.83E-06	0.00E+00	0.00E+00	9.83E-06
5839	ALL	651606.7	4189690	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.88E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.85E-06	0.00E+00	0.00E+00	9.85E-06
5840	ALL	651597.3	4189667	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.89E-06	0.00E+00	6.33E-07	0.00E+00	1.68E-08	9.87E-06	0.00E+00	0.00E+00	9.87E-06
5841	ALL	651587.8	4189645	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.90E-06	0.00E+00	6.34E-07	0.00E+00	1.69E-08	9.90E-06	0.00E+00	0.00E+00	9.90E-06
5842	ALL	651578.4	4189622	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.91E-06	0.00E+00	6.37E-07	0.00E+00	1.69E-08	9.93E-06	0.00E+00	0.00E+00	9.93E-06
5843	ALL	651569	4189599	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.92E-06	0.00E+00	6.40E-07	0.00E+00	1.70E-08	9.98E-06	0.00E+00	0.00E+00	9.98E-06
5844	ALL	651559.5	4189577	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.94E-06	0.00E+00	6.43E-07	0.00E+00	1.71E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
5845	ALL	651550.1	4189554	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.96E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5846	ALL	651540.7	4189531	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.98E-06	0.00E+00	6.51E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5847	ALL	651531.2	4189509	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	4.00E-06	0.00E+00	6.56E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
5848	ALL	651521.8	4189486	NonCancer	0.00E+00	2.65E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	4.02E-06	0.00E+00	6.60E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
5849	ALL	651512.4	4189463	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.04E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05

5850	ALL	651502.9	4189441	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.06E-06	0.00E+00	6.67E-07	0.00E+00	1.77E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
5851	ALL	651493.5	4189418	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.08E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
5852	ALL	651484.1	4189395	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.10E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5853	ALL	651474.6	4189373	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.12E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5854	ALL	651465.2	4189350	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.14E-06	0.00E+00	6.79E-07	0.00E+00	1.81E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5855	ALL	651455.8	4189328	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.16E-06	0.00E+00	6.82E-07	0.00E+00	1.81E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5856	ALL	651446.3	4189305	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.19E-06	0.00E+00	6.85E-07	0.00E+00	1.82E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
5857	ALL	651436.9	4189282	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.21E-06	0.00E+00	6.89E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
5858	ALL	651427.5	4189260	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.23E-06	0.00E+00	6.92E-07	0.00E+00	1.84E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5859	ALL	651418	4189237	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.25E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5860	ALL	651408.6	4189214	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.26E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5861	ALL	651399.2	4189192	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.28E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5862	ALL	651389.7	4189169	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.29E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5863	ALL	651380.3	4189146	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.30E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5864	ALL	651370.9	4189124	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.31E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5865	ALL	651361.4	4189101	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.33E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5866	ALL	651352	4189078	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.34E-06	0.00E+00	7.04E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5867	ALL	651342.6	4189056	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.35E-06	0.00E+00	7.05E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5868	ALL	651333.1	4189033	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.36E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5869	ALL	651323.7	4189010	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.37E-06	0.00E+00	7.08E-07	0.00E+00	1.88E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5870	ALL	651314.3	4188988	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.39E-06	0.00E+00	7.10E-07	0.00E+00	1.89E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5871	ALL	651304.8	4188965	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.41E-06	0.00E+00	7.14E-07	0.00E+00	1.90E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5872	ALL	651295.4	4188942	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.42E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5873	ALL	651286	4188920	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.44E-06	0.00E+00	7.23E-07	0.00E+00	1.92E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5874	ALL	651276.5	4188897	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.46E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5875	ALL	651267.1	4188874	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.48E-06	0.00E+00	7.34E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5876	ALL	651257.7	4188852	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.50E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5877	ALL	651248.2	4188829	NonCancer	0.00E+00	2.99E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.51E-06	0.00E+00	7.45E-07	0.00E+00	1.98E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5878	ALL	651238.8	4188806	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.52E-06	0.00E+00	7.49E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5879	ALL	651229.4	4188784	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.52E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5880	ALL	651219.9	4188761	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.52E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5881	ALL	651210.5	4188738	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.51E-06	0.00E+00	7.47E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5882	ALL	651201.1	4188716	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.49E-06	0.00E+00	7.42E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5883	ALL	651191.6	4188693	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.47E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5884	ALL	651182.2	4188670	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.45E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5885	ALL	651172.8	4188648	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.42E-06	0.00E+00	7.20E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5886	ALL	651163.3	4188625	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.40E-06	0.00E+00	7.13E-07	0.00E+00	1.90E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5887	ALL	651153.9	4188602	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.39E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5888	ALL	651144.5	4188580	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.37E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5889	ALL	651135	4188557	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.37E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5890	ALL	651125.6	4188534	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.37E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5891	ALL	651116.2	4188512	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.37E-06	0.00E+00	7.01E-07	0.00E+00	1.86E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5892	ALL	651106.7	4188489	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.38E-06	0.00E+00	7.05E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5893	ALL	651097.3	4188466	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.40E-06	0.00E+00	7.10E-07	0.00E+00	1.89E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5894	ALL	651087.9	4188444	NonCancer	0.00E+00	2.87E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.41E-06	0.00E+00	7.16E-07	0.00E+00	1.90E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5895	ALL	651078.5	4188421	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.43E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5896	ALL	651069	4188398	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.45E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5897	ALL	651059.6	4188376	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.47E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5898	ALL	651050.2	4188353	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.48E-06	0.00E+00	7.38E-07	0.00E+00	1.96E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5899	ALL	651040.7	4188330	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.48E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05

5900	ALL	651031.3	4188308	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.49E-06	0.00E+00	7.42E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5901	ALL	651021.9	4188285	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.48E-06	0.00E+00	7.42E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5902	ALL	651012.4	4188263	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.47E-06	0.00E+00	7.41E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5903	ALL	651003	4188240	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.46E-06	0.00E+00	7.39E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5904	ALL	650993.6	4188217	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.44E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5905	ALL	650984.1	4188195	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.42E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5906	ALL	650974.7	4188172	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.40E-06	0.00E+00	7.29E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5907	ALL	650965.3	4188149	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.37E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5908	ALL	650955.8	4188127	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.34E-06	0.00E+00	7.20E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5909	ALL	650946.4	4188104	NonCancer	0.00E+00	2.87E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.30E-06	0.00E+00	7.14E-07	0.00E+00	1.90E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5910	ALL	650937	4188081	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.26E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5911	ALL	650927.5	4188059	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.22E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5912	ALL	650918.1	4188036	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.18E-06	0.00E+00	6.93E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5913	ALL	650908.7	4188013	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.13E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5914	ALL	650899.2	4187991	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.09E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5915	ALL	650889.8	4187968	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.04E-06	0.00E+00	6.65E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
5916	ALL	650880.4	4187945	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	4.00E-06	0.00E+00	6.56E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
5917	ALL	650870.9	4187923	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.95E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5918	ALL	650861.5	4187900	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.90E-06	0.00E+00	6.38E-07	0.00E+00	1.70E-08	9.94E-06	0.00E+00	0.00E+00	9.94E-06
5919	ALL	650852.1	4187877	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.86E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5920	ALL	651780.9	4190095	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.58E-06	0.00E+00	5.98E-07	0.00E+00	1.59E-08	9.25E-06	0.00E+00	0.00E+00	9.25E-06
5921	ALL	651430.5	4190445	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.17E-06	0.00E+00	0.00E+00	7.17E-06
5922	ALL	651421.1	4190422	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.79E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.22E-06	0.00E+00	0.00E+00	7.22E-06
5923	ALL	651411.6	4190400	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.81E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.27E-06	0.00E+00	0.00E+00	7.27E-06
5924	ALL	651402.2	4190377	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.83E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5925	ALL	651392.7	4190354	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.85E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
5926	ALL	651383.2	4190331	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.86E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.38E-06	0.00E+00	0.00E+00	7.38E-06
5927	ALL	651373.8	4190309	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.88E-06	0.00E+00	4.78E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
5928	ALL	651364.3	4190286	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.43E-06	0.00E+00	0.00E+00	7.43E-06
5929	ALL	651354.9	4190263	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
5930	ALL	651345.4	4190241	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.91E-06	0.00E+00	4.82E-07	0.00E+00	1.28E-08	7.48E-06	0.00E+00	0.00E+00	7.48E-06
5931	ALL	651336	4190218	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.92E-06	0.00E+00	4.83E-07	0.00E+00	1.28E-08	7.50E-06	0.00E+00	0.00E+00	7.50E-06
5932	ALL	651326.5	4190195	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.93E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.51E-06	0.00E+00	0.00E+00	7.51E-06
5933	ALL	651317.1	4190172	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
5934	ALL	651307.6	4190150	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.54E-06	0.00E+00	0.00E+00	7.54E-06
5935	ALL	651298.1	4190127	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.95E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5936	ALL	651288.7	4190104	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.96E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5937	ALL	651279.2	4190082	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.96E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5938	ALL	651269.8	4190059	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.96E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5939	ALL	651260.3	4190036	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.97E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5940	ALL	651250.9	4190013	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.97E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.57E-06	0.00E+00	0.00E+00	7.57E-06
5941	ALL	651241.4	4189991	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
5942	ALL	651232	4189968	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.87E-07	0.00E+00	1.29E-08	7.59E-06	0.00E+00	0.00E+00	7.59E-06
5943	ALL	651222.5	4189945	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.99E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.60E-06	0.00E+00	0.00E+00	7.60E-06
5944	ALL	651213	4189923	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	3.00E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.62E-06	0.00E+00	0.00E+00	7.62E-06
5945	ALL	651203.6	4189900	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	3.01E-06	0.00E+00	4.91E-07	0.00E+00	1.30E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
5946	ALL	651194.1	4189877	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	3.02E-06	0.00E+00	4.93E-07	0.00E+00	1.31E-08	7.68E-06	0.00E+00	0.00E+00	7.68E-06
5947	ALL	651184.7	4189854	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.03E-06	0.00E+00	4.95E-07	0.00E+00	1.32E-08	7.71E-06	0.00E+00	0.00E+00	7.71E-06
5948	ALL	651175.2	4189832	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.04E-06	0.00E+00	4.98E-07	0.00E+00	1.32E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
5949	ALL	651165.8	4189809	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.05E-06	0.00E+00	5.01E-07	0.00E+00	1.33E-08	7.79E-06	0.00E+00	0.00E+00	7.79E-06

5950	ALL	651156.3	4189786	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.06E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.83E-06	0.00E+00	0.00E+00	7.83E-06
5951	ALL	651146.8	4189764	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.07E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.87E-06	0.00E+00	0.00E+00	7.87E-06
5952	ALL	651137.4	4189741	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.09E-06	0.00E+00	5.09E-07	0.00E+00	1.35E-08	7.91E-06	0.00E+00	0.00E+00	7.91E-06
5953	ALL	651127.9	4189718	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.10E-06	0.00E+00	5.11E-07	0.00E+00	1.36E-08	7.94E-06	0.00E+00	0.00E+00	7.94E-06
5954	ALL	651118.5	4189695	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.11E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.98E-06	0.00E+00	0.00E+00	7.98E-06
5955	ALL	651109	4189673	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.13E-06	0.00E+00	5.15E-07	0.00E+00	1.37E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
5956	ALL	651099.6	4189650	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.14E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.04E-06	0.00E+00	0.00E+00	8.04E-06
5957	ALL	651090.1	4189627	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.15E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
5958	ALL	651080.7	4189605	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.17E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.09E-06	0.00E+00	0.00E+00	8.09E-06
5959	ALL	651071.2	4189582	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.18E-06	0.00E+00	5.22E-07	0.00E+00	1.39E-08	8.13E-06	0.00E+00	0.00E+00	8.13E-06
5960	ALL	651061.7	4189559	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.20E-06	0.00E+00	5.24E-07	0.00E+00	1.39E-08	8.16E-06	0.00E+00	0.00E+00	8.16E-06
5961	ALL	651052.3	4189536	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.21E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
5962	ALL	651042.8	4189514	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.22E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
5963	ALL	651033.4	4189491	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.24E-06	0.00E+00	5.31E-07	0.00E+00	1.41E-08	8.26E-06	0.00E+00	0.00E+00	8.26E-06
5964	ALL	651023.9	4189468	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.25E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
5965	ALL	651014.5	4189446	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.26E-06	0.00E+00	5.35E-07	0.00E+00	1.42E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
5966	ALL	651005	4189423	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.27E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
5967	ALL	650995.6	4189400	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.28E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
5968	ALL	650986.1	4189377	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.29E-06	0.00E+00	5.39E-07	0.00E+00	1.43E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
5969	ALL	650976.6	4189355	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.30E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.41E-06	0.00E+00	0.00E+00	8.41E-06
5970	ALL	650967.2	4189332	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.31E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
5971	ALL	650957.7	4189309	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.31E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
5972	ALL	650948.3	4189287	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.32E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5973	ALL	650938.8	4189264	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.32E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
5974	ALL	650929.4	4189241	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.33E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.45E-06	0.00E+00	0.00E+00	8.45E-06
5975	ALL	650919.9	4189218	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.34E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
5976	ALL	650910.5	4189196	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.35E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
5977	ALL	650901	4189173	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.36E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
5978	ALL	650891.5	4189150	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.37E-06	0.00E+00	5.47E-07	0.00E+00	1.45E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5979	ALL	650882.1	4189128	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.38E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
5980	ALL	650872.6	4189105	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.40E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5981	ALL	650863.2	4189082	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.40E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.65E-06	0.00E+00	0.00E+00	8.65E-06
5982	ALL	650853.7	4189059	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.42E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.71E-06	0.00E+00	0.00E+00	8.71E-06
5983	ALL	650844.3	4189037	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.43E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
5984	ALL	650834.8	4189014	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.45E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.83E-06	0.00E+00	0.00E+00	8.83E-06
5985	ALL	650825.4	4188991	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.46E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.88E-06	0.00E+00	0.00E+00	8.88E-06
5986	ALL	650815.9	4188969	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.47E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
5987	ALL	650806.4	4188946	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.48E-06	0.00E+00	5.78E-07	0.00E+00	1.54E-08	8.96E-06	0.00E+00	0.00E+00	8.96E-06
5988	ALL	650797	4188923	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.48E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	8.97E-06	0.00E+00	0.00E+00	8.97E-06
5989	ALL	650787.5	4188900	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.47E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	8.96E-06	0.00E+00	0.00E+00	8.96E-06
5990	ALL	650778.1	4188878	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.46E-06	0.00E+00	5.77E-07	0.00E+00	1.54E-08	8.93E-06	0.00E+00	0.00E+00	8.93E-06
5991	ALL	650768.6	4188855	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.45E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5992	ALL	650759.2	4188832	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.44E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
5993	ALL	650749.7	4188810	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.43E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
5994	ALL	650740.2	4188787	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.41E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.70E-06	0.00E+00	0.00E+00	8.70E-06
5995	ALL	650730.8	4188764	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.39E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5996	ALL	650721.3	4188741	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.38E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.56E-06	0.00E+00	0.00E+00	8.56E-06
5997	ALL	650711.9	4188719	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.37E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
5998	ALL	650702.4	4188696	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.36E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
5999	ALL	650693	4188673	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06

6000	ALL	650683.5	4188651	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
6001	ALL	650674.1	4188628	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
6002	ALL	650664.6	4188605	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.39E-07	0.00E+00	1.43E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
6003	ALL	650655.1	4188582	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.36E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
6004	ALL	650645.7	4188560	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.37E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
6005	ALL	650636.2	4188537	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.38E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.56E-06	0.00E+00	0.00E+00	8.56E-06
6006	ALL	650626.8	4188514	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.39E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
6007	ALL	650617.3	4188492	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.40E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.67E-06	0.00E+00	0.00E+00	8.67E-06
6008	ALL	650607.9	4188469	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.41E-06	0.00E+00	5.60E-07	0.00E+00	1.49E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
6009	ALL	650598.4	4188446	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.43E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
6010	ALL	650589	4188423	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.44E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
6011	ALL	650579.5	4188401	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.44E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
6012	ALL	650570	4188378	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.45E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6013	ALL	650560.6	4188355	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.45E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6014	ALL	650551.1	4188333	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.45E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6015	ALL	650541.7	4188310	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.44E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
6016	ALL	650532.2	4188287	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.43E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.82E-06	0.00E+00	0.00E+00	8.82E-06
6017	ALL	650522.8	4188264	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.42E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
6018	ALL	650513.3	4188242	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.41E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
6019	ALL	650503.9	4188219	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.39E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
6020	ALL	650494.4	4188196	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.37E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.68E-06	0.00E+00	0.00E+00	8.68E-06
6021	ALL	650484.9	4188174	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.35E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.63E-06	0.00E+00	0.00E+00	8.63E-06
6022	ALL	650475.5	4188151	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.33E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
6023	ALL	650466	4188128	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.31E-06	0.00E+00	5.50E-07	0.00E+00	1.46E-08	8.52E-06	0.00E+00	0.00E+00	8.52E-06
6024	ALL	650456.6	4188105	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.28E-06	0.00E+00	5.46E-07	0.00E+00	1.45E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
6025	ALL	650447.1	4188083	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.25E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
6026	ALL	650437.7	4188060	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.23E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
6027	ALL	650428.2	4188037	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.20E-06	0.00E+00	5.31E-07	0.00E+00	1.41E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
6028	ALL	650418.7	4188015	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.17E-06	0.00E+00	5.24E-07	0.00E+00	1.40E-08	8.14E-06	0.00E+00	0.00E+00	8.14E-06
6029	ALL	650409.3	4187992	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.14E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
6030	ALL	650399.8	4187969	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.10E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.95E-06	0.00E+00	0.00E+00	7.95E-06
6031	ALL	650390.4	4187946	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.07E-06	0.00E+00	5.05E-07	0.00E+00	1.34E-08	7.85E-06	0.00E+00	0.00E+00	7.85E-06
6032	ALL	650380.9	4187924	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.04E-06	0.00E+00	4.98E-07	0.00E+00	1.33E-08	7.76E-06	0.00E+00	0.00E+00	7.76E-06
6033	ALL	650371.5	4187901	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	3.01E-06	0.00E+00	4.92E-07	0.00E+00	1.31E-08	7.66E-06	0.00E+00	0.00E+00	7.66E-06
6034	ALL	650362	4187878	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
6035	ALL	650352.6	4187856	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.95E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
6036	ALL	651094	4190815	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.86E-09	9.86E-09	9.86E-09	2.21E-06	0.00E+00	3.70E-07	0.00E+00	9.86E-09	5.73E-06	0.00E+00	0.00E+00	5.73E-06
6037	ALL	651084.6	4190792	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.93E-09	9.93E-09	9.93E-09	2.23E-06	0.00E+00	3.73E-07	0.00E+00	9.93E-09	5.76E-06	0.00E+00	0.00E+00	5.76E-06
6038	ALL	651075.1	4190770	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.24E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.80E-06	0.00E+00	0.00E+00	5.80E-06
6039	ALL	651065.7	4190747	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.25E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.83E-06	0.00E+00	0.00E+00	5.83E-06
6040	ALL	651056.3	4190724	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.27E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.86E-06	0.00E+00	0.00E+00	5.86E-06
6041	ALL	651046.8	4190702	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
6042	ALL	651037.4	4190679	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.81E-07	0.00E+00	1.01E-08	5.90E-06	0.00E+00	0.00E+00	5.90E-06
6043	ALL	651028	4190656	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.30E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.92E-06	0.00E+00	0.00E+00	5.92E-06
6044	ALL	651018.5	4190634	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.31E-06	0.00E+00	3.83E-07	0.00E+00	1.02E-08	5.94E-06	0.00E+00	0.00E+00	5.94E-06
6045	ALL	651009.1	4190611	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.31E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.95E-06	0.00E+00	0.00E+00	5.95E-06
6046	ALL	650999.6	4190588	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.97E-06	0.00E+00	0.00E+00	5.97E-06
6047	ALL	650990.2	4190566	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.85E-07	0.00E+00	1.03E-08	5.98E-06	0.00E+00	0.00E+00	5.98E-06
6048	ALL	650980.8	4190543	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	5.99E-06	0.00E+00	0.00E+00	5.99E-06
6049	ALL	650971.3	4190520	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.34E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.01E-06	0.00E+00	0.00E+00	6.01E-06

6050	ALL	650961.9	4190497	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.34E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6051	ALL	650952.5	4190475	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.35E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6052	ALL	650943	4190452	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.35E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.03E-06	0.00E+00	0.00E+00	6.03E-06
6053	ALL	650933.6	4190429	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.03E-06	0.00E+00	0.00E+00	6.03E-06
6054	ALL	650924.1	4190407	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6055	ALL	650914.7	4190384	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6056	ALL	650905.3	4190361	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6057	ALL	650895.8	4190339	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.37E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6058	ALL	650886.4	4190316	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.37E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6059	ALL	650877	4190293	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.37E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6060	ALL	650867.5	4190271	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.38E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.05E-06	0.00E+00	0.00E+00	6.05E-06
6061	ALL	650858.1	4190248	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.38E-06	0.00E+00	3.89E-07	0.00E+00	1.03E-08	6.06E-06	0.00E+00	0.00E+00	6.06E-06
6062	ALL	650848.6	4190225	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
6063	ALL	650839.2	4190203	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
6064	ALL	650829.8	4190180	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.40E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.11E-06	0.00E+00	0.00E+00	6.11E-06
6065	ALL	650820.3	4190157	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.93E-07	0.00E+00	1.05E-08	6.13E-06	0.00E+00	0.00E+00	6.13E-06
6066	ALL	650810.9	4190135	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.95E-07	0.00E+00	1.05E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
6067	ALL	650801.5	4190112	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.42E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.18E-06	0.00E+00	0.00E+00	6.18E-06
6068	ALL	650792	4190089	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.43E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.21E-06	0.00E+00	0.00E+00	6.21E-06
6069	ALL	650782.6	4190067	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.44E-06	0.00E+00	4.01E-07	0.00E+00	1.07E-08	6.24E-06	0.00E+00	0.00E+00	6.24E-06
6070	ALL	650773.1	4190044	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.45E-06	0.00E+00	4.03E-07	0.00E+00	1.07E-08	6.27E-06	0.00E+00	0.00E+00	6.27E-06
6071	ALL	650763.7	4190021	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.45E-06	0.00E+00	4.05E-07	0.00E+00	1.08E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
6072	ALL	650754.3	4189999	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.46E-06	0.00E+00	4.07E-07	0.00E+00	1.08E-08	6.32E-06	0.00E+00	0.00E+00	6.32E-06
6073	ALL	650744.8	4189976	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.47E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.35E-06	0.00E+00	0.00E+00	6.35E-06
6074	ALL	650735.4	4189953	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.10E-07	0.00E+00	1.09E-08	6.37E-06	0.00E+00	0.00E+00	6.37E-06
6075	ALL	650726	4189931	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.49E-06	0.00E+00	4.11E-07	0.00E+00	1.09E-08	6.39E-06	0.00E+00	0.00E+00	6.39E-06
6076	ALL	650716.5	4189908	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.12E-07	0.00E+00	1.10E-08	6.41E-06	0.00E+00	0.00E+00	6.41E-06
6077	ALL	650707.1	4189885	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.51E-06	0.00E+00	4.13E-07	0.00E+00	1.10E-08	6.42E-06	0.00E+00	0.00E+00	6.42E-06
6078	ALL	650697.7	4189863	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
6079	ALL	650688.2	4189840	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.15E-07	0.00E+00	1.11E-08	6.46E-06	0.00E+00	0.00E+00	6.46E-06
6080	ALL	650678.8	4189817	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
6081	ALL	650669.3	4189795	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.55E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
6082	ALL	650659.9	4189772	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.55E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
6083	ALL	650650.5	4189749	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06
6084	ALL	650641	4189727	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.57E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
6085	ALL	650631.6	4189704	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
6086	ALL	650622.2	4189681	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.61E-06	0.00E+00	0.00E+00	6.61E-06
6087	ALL	650612.7	4189659	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
6088	ALL	650603.3	4189636	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.60E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
6089	ALL	650593.8	4189613	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6090	ALL	650584.4	4189591	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6091	ALL	650575	4189568	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
6092	ALL	650565.5	4189545	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6093	ALL	650556.1	4189523	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6094	ALL	650546.7	4189500	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6095	ALL	650537.2	4189477	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.64E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
6096	ALL	650527.8	4189455	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.64E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
6097	ALL	650518.3	4189432	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.65E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
6098	ALL	650508.9	4189409	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.65E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6099	ALL	650499.5	4189387	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.66E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06

6100	ALL	650490	4189364	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.66E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
6101	ALL	650480.6	4189341	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.67E-06	0.00E+00	4.34E-07	0.00E+00	1.15E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6102	ALL	650471.2	4189319	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.68E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
6103	ALL	650461.7	4189296	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.69E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
6104	ALL	650452.3	4189273	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
6105	ALL	650442.8	4189251	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.71E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
6106	ALL	650433.4	4189228	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.72E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.92E-06	0.00E+00	0.00E+00	6.92E-06
6107	ALL	650424	4189205	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.73E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
6108	ALL	650414.5	4189183	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.74E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
6109	ALL	650405.1	4189160	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
6110	ALL	650395.7	4189137	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.56E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
6111	ALL	650386.2	4189115	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.12E-06	0.00E+00	0.00E+00	7.12E-06
6112	ALL	650376.8	4189092	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.61E-07	0.00E+00	1.23E-08	7.14E-06	0.00E+00	0.00E+00	7.14E-06
6113	ALL	650367.3	4189069	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
6114	ALL	650357.9	4189047	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
6115	ALL	650348.5	4189024	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.76E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
6116	ALL	650339	4189001	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.60E-07	0.00E+00	1.22E-08	7.12E-06	0.00E+00	0.00E+00	7.12E-06
6117	ALL	650329.6	4188979	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
6118	ALL	650320.2	4188956	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6119	ALL	650310.7	4188933	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.49E-07	0.00E+00	1.20E-08	6.98E-06	0.00E+00	0.00E+00	6.98E-06
6120	ALL	650301.3	4188911	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.71E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
6121	ALL	650291.8	4188888	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.87E-06	0.00E+00	0.00E+00	6.87E-06
6122	ALL	650282.4	4188865	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.69E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
6123	ALL	650273	4188843	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.67E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6124	ALL	650263.5	4188820	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6125	ALL	650254.1	4188797	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6126	ALL	650244.7	4188775	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6127	ALL	650235.2	4188752	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6128	ALL	650225.8	4188729	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6129	ALL	650216.3	4188707	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.27E-07	0.00E+00	1.13E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
6130	ALL	650206.9	4188684	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6131	ALL	650197.5	4188661	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.31E-07	0.00E+00	1.14E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6132	ALL	650188	4188639	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.67E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6133	ALL	650178.6	4188616	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.68E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
6134	ALL	650169.2	4188593	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.69E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
6135	ALL	650159.7	4188571	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.70E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
6136	ALL	650150.3	4188548	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.72E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.94E-06	0.00E+00	0.00E+00	6.94E-06
6137	ALL	650140.9	4188525	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.49E-07	0.00E+00	1.20E-08	6.98E-06	0.00E+00	0.00E+00	6.98E-06
6138	ALL	650131.4	4188503	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
6139	ALL	650122	4188480	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6140	ALL	650112.5	4188457	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6141	ALL	650103.1	4188435	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6142	ALL	650093.7	4188412	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6143	ALL	650084.2	4188389	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6144	ALL	650074.8	4188367	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
6145	ALL	650065.4	4188344	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6146	ALL	650055.9	4188321	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
6147	ALL	650046.5	4188299	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
6148	ALL	650037	4188276	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.49E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
6149	ALL	650027.6	4188253	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06

6150	ALL	650018.2	4188230	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.68E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
6151	ALL	650008.7	4188208	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.87E-06	0.00E+00	0.00E+00	6.87E-06
6152	ALL	649999.3	4188185	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.65E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.84E-06	0.00E+00	0.00E+00	6.84E-06
6153	ALL	649989.9	4188162	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.64E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
6154	ALL	649980.4	4188140	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.62E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6155	ALL	649971	4188117	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.61E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6156	ALL	649961.5	4188094	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.59E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6157	ALL	649952.1	4188072	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.57E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
6158	ALL	649942.7	4188049	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.55E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.56E-06	0.00E+00	0.00E+00	6.56E-06
6159	ALL	649933.2	4188026	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.52E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
6160	ALL	649923.8	4188004	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
6161	ALL	649914.4	4187981	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.36E-06	0.00E+00	0.00E+00	6.36E-06
6162	ALL	649904.9	4187958	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.45E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.29E-06	0.00E+00	0.00E+00	6.29E-06
6163	ALL	649895.5	4187936	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.43E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.22E-06	0.00E+00	0.00E+00	6.22E-06
6164	ALL	649886	4187913	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.95E-07	0.00E+00	1.05E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
6165	ALL	649876.6	4187890	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.08E-06	0.00E+00	0.00E+00	6.08E-06
6166	ALL	649867.2	4187868	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6167	ALL	649857.7	4187845	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.34E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
6168	ALL	651107.8	4190835	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.81E-09	9.81E-09	9.81E-09	2.20E-06	0.00E+00	3.68E-07	0.00E+00	9.81E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
6169	ALL	653689.9	4187979	NonCancer	0.00E+00	2.86E-04	0.00E+00	1.90E-05	1.90E-05	1.90E-05	2.90E-03	0.00E+00	7.01E-04	0.00E+00	1.90E-05	9.91E-03	0.00E+00	0.00E+00	9.91E-03
6170	ALL	653699	4187987	NonCancer	0.00E+00	3.18E-04	0.00E+00	2.11E-05	2.11E-05	2.11E-05	1.20E-03	0.00E+00	7.67E-04	0.00E+00	2.11E-05	9.57E-03	0.00E+00	0.00E+00	9.57E-03
6171	ALL	653712.3	4187989	NonCancer	0.00E+00	4.00E-04	0.00E+00	2.66E-05	2.66E-05	2.66E-05	2.42E-03	0.00E+00	9.71E-04	0.00E+00	2.66E-05	1.28E-02	0.00E+00	0.00E+00	1.28E-02
6172	ALL	653810.5	4187989	NonCancer	0.00E+00	1.16E-04	0.00E+00	7.68E-06	7.68E-06	7.68E-06	1.32E-03	0.00E+00	2.85E-04	0.00E+00	7.68E-06	4.15E-03	0.00E+00	0.00E+00	4.15E-03
6173	ALL	653818.4	4187878	NonCancer	0.00E+00	7.59E-05	0.00E+00	5.04E-06	5.04E-06	5.04E-06	8.10E-04	0.00E+00	1.87E-04	0.00E+00	5.04E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
6174	ALL	653694.5	4187874	NonCancer	0.00E+00	5.78E-05	0.00E+00	3.84E-06	3.84E-06	3.84E-06	7.55E-04	0.00E+00	1.43E-04	0.00E+00	3.84E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03

HARP2 - HRACalc (dated 22118) 10/31/2022 3:27:54 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic8HR
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
TIER 2 SETTINGS
Tier2 not used.

```
**********

Calculating chronic 8hr risk
Chronic 8-hr risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION
HARP\hra\8HRNCChronic8HrRisk.csv
Chronic 8-hr risk total by receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION
HARP\hra\8HRNCChronic8HrRiskSumByRec.csv
HRA ran successfully
```

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		653690.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	9.30E-05
2	ALL		653710.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	9.21E-05
3	ALL		653730.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	9.17E-05
4	ALL		653750.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	9.21E-05
5	ALL		653770.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.33E-05	0.00E+00	0.00E+00	9.33E-05
6	ALL		653790.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	9.51E-05
7	ALL		653810.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	9.72E-05
8	ALL		653830.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	9.92E-05
9	ALL		653850.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
10	ALL		653870.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
11	ALL		653890.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
12	ALL		653910.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
13	ALL		653930.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
14	ALL		653950.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
15	ALL		653970.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
16	ALL		653990.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
17	ALL		654010.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
18	ALL		654030.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
19	ALL		654050.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
20	ALL		654070.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
21	ALL		654090.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	9.97E-05	0.00E+00	0.00E+00	9.97E-05
22	ALL		654110.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	9.75E-05	0.00E+00	0.00E+00	9.75E-05
23	ALL		654130.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	9.55E-05
24	ALL		654150.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	9.37E-05
25	ALL		654170.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	9.23E-05
26	ALL		654190.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	9.12E-05
27	ALL		654210.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	9.03E-05	0.00E+00	0.00E+00	9.03E-05
28	ALL		654230.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	8.96E-05
29	ALL		654250.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	8.88E-05
30	ALL		654270.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	8.80E-05	0.00E+00	0.00E+00	8.80E-05
31	ALL		654290.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	8.72E-05	0.00E+00	0.00E+00	8.72E-05
32	ALL		654310.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	8.62E-05
33	ALL		654330.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	8.51E-05
34	ALL		654350.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	8.39E-05
35	ALL		654370.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	8.26E-05
36	ALL		654390.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	8.12E-05
37	ALL		654410.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	7.97E-05
38	ALL		654430.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	7.82E-05
39	ALL		654450.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	7.67E-05
40	ALL		654470.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	7.52E-05
41	ALL		654490.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	7.37E-05
42	ALL		653690.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	9.82E-05
43	ALL		653710.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	9.72E-05
44	ALL		653730.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	9.68E-05
45	ALL		653750.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.73E-05	0.00E+00	0.00E+00	9.73E-05
46	ALL		653770.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	9.87E-05
47	ALL		653790.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
48	ALL		653810.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
49	ALL		653830.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04

50	ALL	653850.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
51	ALL	653870.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
52	ALL	653890.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
53	ALL	653910.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
54	ALL	653930.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
55	ALL	653950.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
56	ALL	653970.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
57	ALL	653990.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
58	ALL	654010.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
59	ALL	654030.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
60	ALL	654050.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
61	ALL	654070.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
62	ALL	654090.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
63	ALL	654110.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
64	ALL	654130.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	9.97E-05	0.00E+00	0.00E+00	9.97E-05
65	ALL	654150.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	9.81E-05
66	ALL	654170.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	9.68E-05
67	ALL	654190.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	9.57E-05
68	ALL	654210.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	9.49E-05	0.00E+00	0.00E+00	9.49E-05
69	ALL	654230.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	9.40E-05	0.00E+00	0.00E+00	9.40E-05
70	ALL	654250.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	9.32E-05	0.00E+00	0.00E+00	9.32E-05
71	ALL	654270.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	9.23E-05
72	ALL	654290.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	9.12E-05
73	ALL	654310.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	9.00E-05
74	ALL	654330.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	8.87E-05
75	ALL	654350.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	8.73E-05
76	ALL	654370.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	8.57E-05	0.00E+00	0.00E+00	8.57E-05
77	ALL	654390.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.41E-05	0.00E+00	0.00E+00	8.41E-05
78	ALL	654410.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	8.25E-05
79	ALL	654430.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	8.08E-05
80	ALL	654450.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	7.92E-05	0.00E+00	0.00E+00	7.92E-05
81	ALL	654470.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	7.76E-05
82	ALL	654490.1	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	7.60E-05	0.00E+00	0.00E+00	7.60E-05
83	ALL	653690.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
84	ALL	653710.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
85	ALL	653730.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
86	ALL	653750.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
87	ALL	653770.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
88	ALL	653790.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
89	ALL	653810.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
90	ALL	653830.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
91	ALL	653850.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
92	ALL	653870.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
93	ALL	653890.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
94	ALL	653910.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
95	ALL	653930.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
96	ALL	653950.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
97	ALL	653970.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
98	ALL	653990.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
99	ALL	654010.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04

100	ALL	654030.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
101	ALL	654050.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
102	ALL	654070.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
103	ALL	654090.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
104	ALL	654110.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
105	ALL	654130.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
106	ALL	654150.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
107	ALL	654170.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
108	ALL	654190.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
109	ALL	654210.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	9.98E-05	0.00E+00	0.00E+00	9.98E-05
110	ALL	654230.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	9.88E-05	0.00E+00	0.00E+00	9.88E-05
111	ALL	654250.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	9.78E-05
112	ALL	654270.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	9.67E-05
113	ALL	654290.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	9.54E-05
114	ALL	654310.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	9.40E-05	0.00E+00	0.00E+00	9.40E-05
115	ALL	654330.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.24E-05	0.00E+00	0.00E+00	9.24E-05
116	ALL	654350.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	9.07E-05
117	ALL	654370.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	8.89E-05
118	ALL	654390.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	8.72E-05	0.00E+00	0.00E+00	8.72E-05
119	ALL	654410.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	8.54E-05
120	ALL	654430.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	8.36E-05
121	ALL	654450.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	8.18E-05	0.00E+00	0.00E+00	8.18E-05
122	ALL	654470.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	8.00E-05
123	ALL	654490.1	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	7.83E-05
124	ALL	653690.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
125	ALL	653710.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
126	ALL	653730.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
127	ALL	653750.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
128	ALL	653770.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
129	ALL	653790.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
130	ALL	653810.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
131	ALL	653830.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
132	ALL	653850.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
133	ALL	653870.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
134	ALL	653890.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
135	ALL	653910.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
136	ALL	653930.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
137	ALL	653950.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
138	ALL	653970.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
139	ALL	653990.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
140	ALL	654010.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
141	ALL	654030.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
142	ALL	654050.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
143	ALL	654070.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
144	ALL	654090.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
145	ALL	654110.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
146	ALL	654130.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
147	ALL	654150.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
148	ALL	654170.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
149	ALL	654190.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04

150	ALL	654210.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
151	ALL	654230.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
152	ALL	654250.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
153	ALL	654270.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
154	ALL	654290.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	9.97E-05	0.00E+00	0.00E+00	9.97E-05
155	ALL	654310.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	9.80E-05
156	ALL	654330.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	9.61E-05
157	ALL	654350.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	9.42E-05	0.00E+00	0.00E+00	9.42E-05
158	ALL	654370.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	9.23E-05
159	ALL	654390.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	9.03E-05	0.00E+00	0.00E+00	9.03E-05
160	ALL	654410.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	8.83E-05
161	ALL	654430.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	8.64E-05
162	ALL	654450.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	8.44E-05	0.00E+00	0.00E+00	8.44E-05
163	ALL	654470.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	8.25E-05
164	ALL	654490.1	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	8.06E-05	0.00E+00	0.00E+00	8.06E-05
165	ALL	653690.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
166	ALL	653710.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
167	ALL	653730.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
168	ALL	653750.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
169	ALL	653770.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
170	ALL	653790.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
171	ALL	653810.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
172	ALL	653830.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
173	ALL	653850.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	1.28E-04
174	ALL	653870.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
175	ALL	653890.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
176	ALL	653910.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
177	ALL	653930.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
178	ALL	653950.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
179	ALL	653970.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
180	ALL	653990.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
181	ALL	654010.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
182	ALL	654030.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	1.28E-04
183	ALL	654050.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
184	ALL	654070.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
185	ALL	654090.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
186	ALL	654110.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
187	ALL	654130.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
188	ALL	654150.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
189	ALL	654170.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
190	ALL	654190.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
191	ALL	654210.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
192	ALL	654230.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
193	ALL	654250.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
194	ALL	654270.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
195	ALL	654290.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
196	ALL	654310.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
197	ALL	654330.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	1.00E-04
198	ALL	654350.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.79E-05	0.00E+00	0.00E+00	9.79E-05
199	ALL	654370.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	9.57E-05

200	ALL	654390.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	9.35E-05
201	ALL	654410.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	9.14E-05	0.00E+00	0.00E+00	9.14E-05
202	ALL	654430.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	8.92E-05	0.00E+00	0.00E+00	8.92E-05
203	ALL	654450.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	8.71E-05
204	ALL	654470.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	8.50E-05	0.00E+00	0.00E+00	8.50E-05
205	ALL	654490.1	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	8.29E-05
206	ALL	653690.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
207	ALL	653710.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
208	ALL	653730.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
209	ALL	653750.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
210	ALL	653770.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
211	ALL	653790.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
212	ALL	653810.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
213	ALL	653830.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
214	ALL	653850.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
215	ALL	653870.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
216	ALL	653890.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
217	ALL	653910.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
218	ALL	653930.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
219	ALL	653950.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
220	ALL	653970.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
221	ALL	653990.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
222	ALL	654010.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
223	ALL	654030.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
224	ALL	654050.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
225	ALL	654070.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	1.28E-04
226	ALL	654090.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
227	ALL	654110.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
228	ALL	654130.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
229	ALL	654150.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
230	ALL	654170.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.20E-04
231	ALL	654190.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
232	ALL	654210.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
233	ALL	654230.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
234	ALL	654250.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
235	ALL	654270.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
236	ALL	654290.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
237	ALL	654310.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
238	ALL	654330.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
239	ALL	654350.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
240	ALL	654370.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	9.92E-05
241	ALL	654390.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	9.68E-05
242	ALL	654410.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	9.45E-05
243	ALL	654430.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	9.21E-05
244	ALL	654450.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	8.98E-05
245	ALL	654470.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	8.75E-05
246	ALL	654490.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	8.53E-05
247	ALL	653690.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
248	ALL	653710.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
249	ALL	653730.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04

250	ALL	653750.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
251	ALL	653770.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
252	ALL	653790.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
253	ALL	653810.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
254	ALL	653830.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
255	ALL	653850.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
256	ALL	653870.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
257	ALL	653890.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
258	ALL	653910.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
259	ALL	653930.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
260	ALL	653950.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
261	ALL	653970.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
262	ALL	653990.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
263	ALL	654010.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
264	ALL	654030.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
265	ALL	654050.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
266	ALL	654070.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
267	ALL	654090.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
268	ALL	654110.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
269	ALL	654130.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
270	ALL	654150.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	1.28E-04
271	ALL	654170.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
272	ALL	654190.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
273	ALL	654210.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
274	ALL	654230.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
275	ALL	654250.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
276	ALL	654270.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
277	ALL	654290.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
278	ALL	654310.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
279	ALL	654330.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
280	ALL	654350.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
281	ALL	654370.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
282	ALL	654390.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	1.00E-04
283	ALL	654410.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	9.76E-05
284	ALL	654430.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	9.51E-05
285	ALL	654450.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.25E-05	0.00E+00	0.00E+00	9.25E-05
286	ALL	654470.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	9.00E-05
287	ALL	654490.1	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	8.76E-05	0.00E+00	0.00E+00	8.76E-05
288	ALL	653690.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
289	ALL	653710.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
290	ALL	653730.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
291	ALL	653750.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
292	ALL	653770.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
293	ALL	653790.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
294	ALL	653810.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.52E-04
295	ALL	653830.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
296	ALL	653850.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.57E-04
297	ALL	653870.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.59E-04
298	ALL	653890.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.61E-04
299	ALL	653910.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04

300	ALL	653930.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
301	ALL	653950.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
302	ALL	653970.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	1.60E-04
303	ALL	653990.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.57E-04
304	ALL	654010.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	1.53E-04
305	ALL	654030.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
306	ALL	654050.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.46E-04
307	ALL	654070.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.43E-04
308	ALL	654090.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
309	ALL	654110.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
310	ALL	654130.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
311	ALL	654150.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	1.36E-04
312	ALL	654170.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
313	ALL	654190.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
314	ALL	654210.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
315	ALL	654230.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
316	ALL	654250.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
317	ALL	654270.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
318	ALL	654290.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
319	ALL	654310.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
320	ALL	654330.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
321	ALL	654350.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
322	ALL	654370.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
323	ALL	654390.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
324	ALL	654410.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
325	ALL	654430.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	9.80E-05
326	ALL	654450.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	9.53E-05
327	ALL	654470.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	9.26E-05
328	ALL	654490.1	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	9.00E-05
329	ALL	653690.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	1.53E-04
330	ALL	653710.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
331	ALL	653730.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
332	ALL	653750.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.52E-04
333	ALL	653770.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
334	ALL	653790.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.59E-04
335	ALL	653810.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
336	ALL	653830.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	1.67E-04
337	ALL	653850.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
338	ALL	653870.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.71E-04
339	ALL	653890.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04
340	ALL	653910.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
341	ALL	653930.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
342	ALL	653950.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04
343	ALL	653970.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	1.70E-04
344	ALL	653990.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	1.67E-04
345	ALL	654010.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
346	ALL	654030.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
347	ALL	654050.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
348	ALL	654070.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.52E-04
349	ALL	654090.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04

350	ALL	654110.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
351	ALL	654130.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.46E-04
352	ALL	654150.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
353	ALL	654170.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
354	ALL	654190.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
355	ALL	654210.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	1.36E-04
356	ALL	654230.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
357	ALL	654250.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
358	ALL	654270.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
359	ALL	654290.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
360	ALL	654310.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.20E-04
361	ALL	654330.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
362	ALL	654350.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
363	ALL	654370.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
364	ALL	654390.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
365	ALL	654410.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
366	ALL	654430.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
367	ALL	654450.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	9.80E-05
368	ALL	654470.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	9.51E-05
369	ALL	654490.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	9.23E-05
370	ALL	653690.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	1.64E-04
371	ALL	653710.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
372	ALL	653730.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
373	ALL	653750.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	1.64E-04
374	ALL	653770.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	1.67E-04
375	ALL	653790.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.72E-04
376	ALL	653810.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
377	ALL	653830.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	1.80E-04
378	ALL	653850.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
379	ALL	653870.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	1.85E-04
380	ALL	653890.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	1.86E-04
381	ALL	653910.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	1.87E-04
382	ALL	653930.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	1.87E-04
383	ALL	653950.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	1.85E-04
384	ALL	653970.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
385	ALL	653990.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.77E-04
386	ALL	654010.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.72E-04
387	ALL	654030.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	1.68E-04
388	ALL	654050.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	1.65E-04
389	ALL	654070.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
390	ALL	654090.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	1.60E-04
391	ALL	654110.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
392	ALL	654130.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	1.56E-04
393	ALL	654150.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	1.53E-04
394	ALL	654170.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
395	ALL	654190.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
396	ALL	654210.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.43E-04
397	ALL	654230.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
398	ALL	654250.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	1.36E-04
399	ALL	654270.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04

400	ALL	654290.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
401	ALL	654310.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
402	ALL	654330.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
403	ALL	654350.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
404	ALL	654370.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
405	ALL	654390.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
406	ALL	654410.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
407	ALL	654430.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
408	ALL	654450.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
409	ALL	654470.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	9.76E-05
410	ALL	654490.1	4187508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	9.46E-05
411	ALL	653690.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.77E-04
412	ALL	653710.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
413	ALL	653730.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	1.75E-04
414	ALL	653750.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.77E-04
415	ALL	653770.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
416	ALL	653790.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	1.86E-04
417	ALL	653810.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	1.91E-04
418	ALL	653830.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
419	ALL	653850.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	1.98E-04
420	ALL	653870.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	2.00E-04
421	ALL	653890.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	2.02E-04
422	ALL	653910.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	2.02E-04
423	ALL	653930.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	2.01E-04
424	ALL	653950.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	1.98E-04
425	ALL	653970.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	1.94E-04
426	ALL	653990.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	1.88E-04
427	ALL	654010.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
428	ALL	654030.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	1.80E-04
429	ALL	654050.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
430	ALL	654070.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
431	ALL	654090.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.71E-04
432	ALL	654110.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
433	ALL	654130.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	1.66E-04
434	ALL	654150.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
435	ALL	654170.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.59E-04
436	ALL	654190.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
437	ALL	654210.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
438	ALL	654230.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
439	ALL	654250.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
440	ALL	654270.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
441	ALL	654290.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
442	ALL	654310.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
443	ALL	654330.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
444	ALL	654350.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
445	ALL	654370.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
446	ALL	654390.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
447	ALL	654410.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
448	ALL	654430.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
449	ALL	654450.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04

450	ALL	654470.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	1.00E-04
451	ALL	654490.1	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	9.67E-05
452	ALL	653690.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	1.92E-04
453	ALL	653710.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	1.91E-04
454	ALL	653730.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	1.90E-04
455	ALL	653750.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	1.92E-04
456	ALL	653770.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	1.96E-04
457	ALL	653790.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	2.02E-04
458	ALL	653810.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04
459	ALL	653830.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	2.12E-04
460	ALL	653850.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	2.15E-04
461	ALL	653870.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	2.18E-04
462	ALL	653890.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
463	ALL	653910.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
464	ALL	653930.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
465	ALL	653950.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	2.12E-04
466	ALL	653970.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	2.07E-04
467	ALL	653990.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	2.01E-04
468	ALL	654010.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	1.96E-04
469	ALL	654030.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	1.93E-04
470	ALL	654050.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.89E-04
471	ALL	654070.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	1.87E-04
472	ALL	654090.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
473	ALL	654110.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	1.80E-04
474	ALL	654130.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.77E-04
475	ALL	654150.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.72E-04
476	ALL	654170.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	1.68E-04
477	ALL	654190.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
478	ALL	654210.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
479	ALL	654230.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	1.54E-04
480	ALL	654250.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	1.49E-04
481	ALL	654270.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
482	ALL	654290.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
483	ALL	654310.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
484	ALL	654330.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
485	ALL	654350.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
486	ALL	654370.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
487	ALL	654390.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
488	ALL	654410.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
489	ALL	654430.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
490	ALL	654450.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
491	ALL	654470.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
492	ALL	654490.1	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	9.88E-05	0.00E+00	0.00E+00	9.88E-05
493	ALL	653690.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	2.09E-04
494	ALL	653710.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	2.07E-04
495	ALL	653730.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	2.07E-04
496	ALL	653750.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	2.09E-04
497	ALL	653770.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	2.14E-04
498	ALL	653790.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	2.21E-04
499	ALL	653810.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	2.27E-04

500	ALL	653830.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	2.32E-04
501	ALL	653850.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	2.35E-04
502	ALL	653870.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	2.37E-04
503	ALL	653890.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.38E-04
504	ALL	653910.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	2.37E-04
505	ALL	653930.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	2.34E-04
506	ALL	653950.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	2.28E-04
507	ALL	653970.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	2.22E-04
508	ALL	653990.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
509	ALL	654010.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	2.11E-04
510	ALL	654030.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	2.07E-04
511	ALL	654050.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	2.04E-04
512	ALL	654070.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	2.01E-04
513	ALL	654090.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	1.97E-04
514	ALL	654110.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	1.93E-04
515	ALL	654130.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	1.88E-04
516	ALL	654150.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
517	ALL	654170.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.77E-04
518	ALL	654190.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.72E-04
519	ALL	654210.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	1.66E-04
520	ALL	654230.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.61E-04
521	ALL	654250.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
522	ALL	654270.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
523	ALL	654290.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
524	ALL	654310.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
525	ALL	654330.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
526	ALL	654350.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
527	ALL	654370.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
528	ALL	654390.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
529	ALL	654410.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
530	ALL	654430.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
531	ALL	654450.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
532	ALL	654470.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
533	ALL	654490.1	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
534	ALL	653690.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	2.28E-04
535	ALL	653710.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	2.27E-04
536	ALL	653730.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	2.26E-04
537	ALL	653750.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	2.29E-04
538	ALL	653770.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	2.35E-04
539	ALL	653790.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	2.42E-04
540	ALL	653810.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.49E-04
541	ALL	653830.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	2.54E-04
542	ALL	653850.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04
543	ALL	653870.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	2.60E-04
544	ALL	653890.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	2.60E-04
545	ALL	653910.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04
546	ALL	653930.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	2.53E-04
547	ALL	653950.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	2.46E-04
548	ALL	653970.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	2.39E-04
549	ALL	653990.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	2.33E-04

550	ALL	654010.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	2.28E-04
551	ALL	654030.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	2.24E-04
552	ALL	654050.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	2.20E-04
553	ALL	654070.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
554	ALL	654090.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	2.11E-04
555	ALL	654110.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	2.06E-04
556	ALL	654130.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	2.00E-04
557	ALL	654150.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	1.93E-04
558	ALL	654170.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	1.87E-04
559	ALL	654190.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
560	ALL	654210.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
561	ALL	654230.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	1.68E-04
562	ALL	654250.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
563	ALL	654270.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	1.56E-04
564	ALL	654290.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
565	ALL	654310.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
566	ALL	654330.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
567	ALL	654350.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
568	ALL	654370.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
569	ALL	654390.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
570	ALL	654410.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
571	ALL	654430.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
572	ALL	654450.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
573	ALL	654470.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
574	ALL	654490.1	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
575	ALL	653690.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	2.50E-04
576	ALL	653710.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.49E-04
577	ALL	653730.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	2.48E-04
578	ALL	653750.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	2.52E-04
579	ALL	653770.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	2.59E-04
580	ALL	653790.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	2.67E-04
581	ALL	653810.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	2.75E-04
582	ALL	653830.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	2.81E-04
583	ALL	653850.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	2.84E-04
584	ALL	653870.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	2.86E-04
585	ALL	653890.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	2.85E-04
586	ALL	653910.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	2.81E-04
587	ALL	653930.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	2.74E-04
588	ALL	653950.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	2.66E-04
589	ALL	653970.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	2.59E-04
590	ALL	653990.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	2.53E-04
591	ALL	654010.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	2.48E-04
592	ALL	654030.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	2.43E-04
593	ALL	654050.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.38E-04
594	ALL	654070.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	2.33E-04
595	ALL	654090.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	2.26E-04
596	ALL	654110.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
597	ALL	654130.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	2.12E-04
598	ALL	654150.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	2.05E-04
599	ALL	654170.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	1.97E-04

600	ALL	654190.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	1.90E-04
601	ALL	654210.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
602	ALL	654230.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
603	ALL	654250.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
604	ALL	654270.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
605	ALL	654290.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	1.56E-04
606	ALL	654310.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	1.49E-04
607	ALL	654330.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.43E-04
608	ALL	654350.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
609	ALL	654370.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
610	ALL	654390.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
611	ALL	654410.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
612	ALL	654430.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
613	ALL	654450.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
614	ALL	654470.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
615	ALL	654490.1	4187608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
616	ALL	653690.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	2.76E-04
617	ALL	653710.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	2.75E-04
618	ALL	653730.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	2.74E-04
619	ALL	653750.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	2.78E-04
620	ALL	653770.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	2.87E-04
621	ALL	653790.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
622	ALL	653810.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
623	ALL	653830.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	3.11E-04
624	ALL	653850.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
625	ALL	653870.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
626	ALL	653890.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
627	ALL	653910.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
628	ALL	653930.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
629	ALL	653950.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	2.89E-04
630	ALL	653970.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	2.82E-04
631	ALL	653990.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	2.76E-04
632	ALL	654010.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	2.70E-04
633	ALL	654030.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	2.64E-04
634	ALL	654050.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04
635	ALL	654070.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	2.50E-04
636	ALL	654090.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	2.42E-04
637	ALL	654110.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	2.34E-04
638	ALL	654130.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	2.25E-04
639	ALL	654150.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
640	ALL	654170.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04
641	ALL	654190.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	1.99E-04
642	ALL	654210.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	1.91E-04
643	ALL	654230.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
644	ALL	654250.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	1.75E-04
645	ALL	654270.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	1.68E-04
646	ALL	654290.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.61E-04
647	ALL	654310.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	1.54E-04
648	ALL	654330.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
649	ALL	654350.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04

650	ALL	654370.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
651	ALL	654390.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
652	ALL	654410.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
653	ALL	654430.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
654	ALL	654450.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
655	ALL	654470.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
656	ALL	654490.1	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
657	ALL	653690.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
658	ALL	653710.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
659	ALL	653730.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
660	ALL	653750.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	3.10E-04
661	ALL	653770.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
662	ALL	653790.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	3.31E-04
663	ALL	653810.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
664	ALL	653830.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	3.47E-04
665	ALL	653850.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
666	ALL	653870.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
667	ALL	653890.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
668	ALL	653910.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
669	ALL	653930.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
670	ALL	653950.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
671	ALL	653970.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	3.09E-04
672	ALL	653990.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	3.02E-04
673	ALL	654010.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	2.95E-04
674	ALL	654030.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	2.87E-04
675	ALL	654050.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	2.79E-04
676	ALL	654070.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	2.69E-04
677	ALL	654090.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	2.59E-04
678	ALL	654110.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.49E-04
679	ALL	654130.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.38E-04
680	ALL	654150.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	2.28E-04
681	ALL	654170.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	2.18E-04
682	ALL	654190.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	2.09E-04
683	ALL	654210.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	1.99E-04
684	ALL	654230.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	1.91E-04
685	ALL	654250.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	1.82E-04
686	ALL	654270.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
687	ALL	654290.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	1.66E-04
688	ALL	654310.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
689	ALL	654330.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
690	ALL	654350.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
691	ALL	654370.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
692	ALL	654390.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
693	ALL	654410.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
694	ALL	654430.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
695	ALL	654450.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
696	ALL	654470.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
697	ALL	654490.1	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
698	ALL	653690.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
699	ALL	653710.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04

700	ALL	653730.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
701	ALL	653750.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	3.47E-04
702	ALL	653770.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
703	ALL	653790.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	3.73E-04
704	ALL	653810.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
705	ALL	653830.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-06	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
706	ALL	653850.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
707	ALL	653870.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
708	ALL	653890.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
709	ALL	653910.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	3.70E-04
710	ALL	653930.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
711	ALL	653950.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
712	ALL	653970.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
713	ALL	653990.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04
714	ALL	654010.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	3.23E-04
715	ALL	654030.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
716	ALL	654050.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	3.01E-04
717	ALL	654070.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	2.89E-04
718	ALL	654090.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	2.76E-04
719	ALL	654110.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	2.64E-04
720	ALL	654130.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	2.52E-04
721	ALL	654150.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	2.40E-04
722	ALL	654170.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	2.29E-04
723	ALL	654190.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	2.18E-04
724	ALL	654210.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04
725	ALL	654230.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	1.98E-04
726	ALL	654250.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	1.88E-04
727	ALL	654270.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	1.79E-04
728	ALL	654290.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	1.70E-04
729	ALL	654310.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
730	ALL	654330.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
731	ALL	654350.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
732	ALL	654370.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
733	ALL	654390.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
734	ALL	654410.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
735	ALL	654430.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
736	ALL	654450.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
737	ALL	654470.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
738	ALL	654490.1	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
739	ALL	653690.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
740	ALL	653710.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
741	ALL	653730.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
742	ALL	653750.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
743	ALL	653770.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-06	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
744	ALL	653790.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
745	ALL	653810.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-06	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	4.34E-04
746	ALL	653830.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-06	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
747	ALL	653850.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-06	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
748	ALL	653870.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
749	ALL	653890.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04

750	ALL	653910.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
751	ALL	653930.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
752	ALL	653950.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
753	ALL	653970.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
754	ALL	653990.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
755	ALL	654010.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
756	ALL	654030.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
757	ALL	654050.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	3.24E-04
758	ALL	654070.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	3.09E-04
759	ALL	654090.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	2.95E-04
760	ALL	654110.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	2.80E-04
761	ALL	654130.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	2.66E-04
762	ALL	654150.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	2.52E-04
763	ALL	654170.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	2.39E-04
764	ALL	654190.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	2.27E-04
765	ALL	654210.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	2.15E-04
766	ALL	654230.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	2.04E-04
767	ALL	654250.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	1.94E-04
768	ALL	654270.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
769	ALL	654290.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	1.75E-04
770	ALL	654310.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	1.66E-04
771	ALL	654330.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
772	ALL	654350.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
773	ALL	654370.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.43E-04
774	ALL	654390.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
775	ALL	654410.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
776	ALL	654430.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
777	ALL	654450.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
778	ALL	654470.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
779	ALL	654490.1	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
780	ALL	653690.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
781	ALL	653710.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-06	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
782	ALL	653730.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	4.37E-04
783	ALL	653750.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
784	ALL	653770.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
785	ALL	653790.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
786	ALL	653810.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
787	ALL	653830.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
788	ALL	653850.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
789	ALL	653870.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
790	ALL	653890.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
791	ALL	653910.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
792	ALL	653930.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	4.44E-04
793	ALL	653950.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	4.32E-04
794	ALL	653970.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
795	ALL	653990.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
796	ALL	654010.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
797	ALL	654030.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
798	ALL	654050.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
799	ALL	654070.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	3.31E-04

800	ALL	654090.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
801	ALL	654110.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	2.96E-04
802	ALL	654130.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	2.80E-04
803	ALL	654150.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	2.64E-04
804	ALL	654170.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.49E-04
805	ALL	654190.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	2.35E-04
806	ALL	654210.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	2.22E-04
807	ALL	654230.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	2.10E-04
808	ALL	654250.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	1.99E-04
809	ALL	654270.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	1.88E-04
810	ALL	654290.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	1.78E-04
811	ALL	654310.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
812	ALL	654330.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.61E-04
813	ALL	654350.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	1.53E-04
814	ALL	654370.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
815	ALL	654390.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
816	ALL	654410.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
817	ALL	654430.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
818	ALL	654450.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
819	ALL	654470.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
820	ALL	654490.1	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
821	ALL	653690.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
822	ALL	653710.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
823	ALL	653730.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
824	ALL	653750.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
825	ALL	653770.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
826	ALL	653790.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
827	ALL	653810.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	5.73E-04
828	ALL	653830.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
829	ALL	653850.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	5.71E-04
830	ALL	653870.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	5.54E-04
831	ALL	653890.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
832	ALL	653910.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
833	ALL	653930.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
834	ALL	653950.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
835	ALL	653970.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-06	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
836	ALL	653990.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
837	ALL	654010.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
838	ALL	654030.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
839	ALL	654050.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
840	ALL	654070.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
841	ALL	654090.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04
842	ALL	654110.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
843	ALL	654130.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04
844	ALL	654150.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	2.75E-04
845	ALL	654170.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.58E-04
846	ALL	654190.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	2.43E-04
847	ALL	654210.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	2.29E-04
848	ALL	654230.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
849	ALL	654250.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	2.03E-04

850	ALL	654270.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	1.92E-04
851	ALL	654290.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	1.82E-04
852	ALL	654310.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.72E-04
853	ALL	654330.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
854	ALL	654350.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
855	ALL	654370.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
856	ALL	654390.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
857	ALL	654410.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
858	ALL	654430.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
859	ALL	654450.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
860	ALL	654470.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
861	ALL	654490.1	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
862	ALL	653690.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
863	ALL	653710.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	5.82E-04
864	ALL	653730.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	5.85E-04
865	ALL	653750.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	6.01E-04
866	ALL	653770.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
867	ALL	653790.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	6.54E-04
868	ALL	653810.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
869	ALL	653830.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
870	ALL	653850.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
871	ALL	653870.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	6.33E-04
872	ALL	653890.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
873	ALL	653910.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	5.89E-04
874	ALL	653930.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	5.67E-04
875	ALL	653950.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	5.42E-04
876	ALL	653970.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
877	ALL	653990.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
878	ALL	654010.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
879	ALL	654030.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
880	ALL	654050.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
881	ALL	654070.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
882	ALL	654090.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
883	ALL	654110.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
884	ALL	654130.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
885	ALL	654150.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	2.85E-04
886	ALL	654170.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	2.67E-04
887	ALL	654190.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	2.50E-04
888	ALL	654210.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	2.35E-04
889	ALL	654230.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	2.20E-04
890	ALL	654250.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	2.07E-04
891	ALL	654270.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	1.96E-04
892	ALL	654290.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	1.85E-04
893	ALL	654310.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	1.75E-04
894	ALL	654330.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	1.65E-04
895	ALL	654350.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.57E-04
896	ALL	654370.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	1.49E-04
897	ALL	654390.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
898	ALL	654410.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
899	ALL	654430.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04

900	ALL	654450.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
901	ALL	654470.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
902	ALL	654490.1	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
903	ALL	653690.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
904	ALL	653710.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
905	ALL	653730.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
906	ALL	653750.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
907	ALL	653770.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	7.48E-04
908	ALL	653790.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	7.79E-04
909	ALL	653810.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	7.94E-04
910	ALL	653830.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	7.87E-04
911	ALL	653850.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
912	ALL	653870.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	7.32E-04
913	ALL	653890.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	7.03E-04
914	ALL	653910.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
915	ALL	653930.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	6.42E-04
916	ALL	653950.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	6.06E-04
917	ALL	653970.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	5.68E-04
918	ALL	653990.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
919	ALL	654010.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
920	ALL	654030.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
921	ALL	654050.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
922	ALL	654070.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04
923	ALL	654090.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	3.65E-04
924	ALL	654110.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
925	ALL	654130.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
926	ALL	654150.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
927	ALL	654170.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	2.74E-04
928	ALL	654190.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	2.56E-04
929	ALL	654210.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	2.40E-04
930	ALL	654230.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	2.25E-04
931	ALL	654250.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	2.11E-04
932	ALL	654270.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	1.99E-04
933	ALL	654290.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	1.87E-04
934	ALL	654310.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.77E-04
935	ALL	654330.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	1.67E-04
936	ALL	654350.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.59E-04
937	ALL	654370.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
938	ALL	654390.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.43E-04
939	ALL	654410.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	1.36E-04
940	ALL	654430.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
941	ALL	654450.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
942	ALL	654470.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
943	ALL	654490.1	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
944	ALL	653690.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
945	ALL	653710.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
946	ALL	653730.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	8.37E-04
947	ALL	653750.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	8.65E-04
948	ALL	653770.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	9.08E-04
949	ALL	653790.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04

950	ALL	653810.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	9.54E-04
951	ALL	653830.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	9.33E-04
952	ALL	653850.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
953	ALL	653870.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	8.57E-04
954	ALL	653890.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	8.18E-04
955	ALL	653910.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	7.75E-04	0.00E+00	0.00E+00	7.75E-04
956	ALL	653930.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	7.26E-04
957	ALL	653950.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
958	ALL	653970.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
959	ALL	653990.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
960	ALL	654010.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
961	ALL	654030.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
962	ALL	654050.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
963	ALL	654070.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
964	ALL	654090.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
965	ALL	654110.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-06	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
966	ALL	654130.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
967	ALL	654150.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	3.01E-04
968	ALL	654170.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	2.80E-04
969	ALL	654190.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	2.61E-04
970	ALL	654210.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	2.44E-04
971	ALL	654230.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	2.28E-04
972	ALL	654250.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	2.14E-04
973	ALL	654270.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	2.01E-04
974	ALL	654290.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.89E-04
975	ALL	654310.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	1.79E-04
976	ALL	654330.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
977	ALL	654350.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	1.60E-04
978	ALL	654370.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.52E-04
979	ALL	654390.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
980	ALL	654410.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
981	ALL	654430.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
982	ALL	654450.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
983	ALL	654470.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
984	ALL	654490.1	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
985	ALL	653690.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	9.64E-04
986	ALL	653710.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
987	ALL	653730.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
988	ALL	653750.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
989	ALL	653770.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
990	ALL	653790.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
991	ALL	653810.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
992	ALL	653830.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
993	ALL	653850.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
994	ALL	653870.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
995	ALL	653890.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	9.56E-04
996	ALL	653910.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	8.88E-04
997	ALL	653930.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
998	ALL	653950.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	7.48E-04
999	ALL	653970.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04

1000	ALL	653990.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
1001	ALL	654010.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	5.64E-04
1002	ALL	654030.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
1003	ALL	654050.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
1004	ALL	654070.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
1005	ALL	654090.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
1006	ALL	654110.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	3.61E-04
1007	ALL	654130.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
1008	ALL	654150.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1009	ALL	654170.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	2.85E-04
1010	ALL	654190.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	2.65E-04
1011	ALL	654210.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	2.47E-04
1012	ALL	654230.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	2.31E-04
1013	ALL	654250.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	2.17E-04
1014	ALL	654270.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	2.04E-04
1015	ALL	654290.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	1.92E-04
1016	ALL	654310.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1017	ALL	654330.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.71E-04
1018	ALL	654350.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
1019	ALL	654370.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	1.53E-04
1020	ALL	654390.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1021	ALL	654410.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
1022	ALL	654430.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1023	ALL	654450.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1024	ALL	654470.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1025	ALL	654490.1	4187808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1026	ALL	653690.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1027	ALL	653710.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1028	ALL	653730.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
1029	ALL	653750.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
1030	ALL	653770.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1031	ALL	653790.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
1032	ALL	653810.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1033	ALL	653830.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1034	ALL	653850.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1035	ALL	653870.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1036	ALL	653890.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
1037	ALL	653910.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1038	ALL	653930.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
1039	ALL	653950.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	8.19E-04
1040	ALL	653970.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
1041	ALL	653990.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
1042	ALL	654010.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
1043	ALL	654030.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	5.35E-04
1044	ALL	654050.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
1045	ALL	654070.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
1046	ALL	654090.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
1047	ALL	654110.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
1048	ALL	654130.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
1049	ALL	654150.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04

1050	ALL	654170.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	2.90E-04
1051	ALL	654190.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	2.69E-04
1052	ALL	654210.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	2.51E-04
1053	ALL	654230.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	2.34E-04
1054	ALL	654250.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
1055	ALL	654270.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	2.06E-04
1056	ALL	654290.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	1.93E-04
1057	ALL	654310.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	1.82E-04
1058	ALL	654330.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.72E-04
1059	ALL	654350.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1060	ALL	654370.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1061	ALL	654390.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1062	ALL	654410.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1063	ALL	654430.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1064	ALL	654450.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1065	ALL	654470.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1066	ALL	654490.1	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1067	ALL	653690.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1068	ALL	653710.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
1069	ALL	653730.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
1070	ALL	653750.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1071	ALL	653770.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
1072	ALL	653790.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1073	ALL	653810.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1074	ALL	653830.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
1075	ALL	653850.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
1076	ALL	653870.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1077	ALL	653890.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1078	ALL	653910.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
1079	ALL	653930.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1080	ALL	653950.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	8.84E-04
1081	ALL	653970.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	7.81E-04
1082	ALL	653990.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
1083	ALL	654010.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	6.18E-04
1084	ALL	654030.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	5.54E-04
1085	ALL	654050.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
1086	ALL	654070.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
1087	ALL	654090.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
1088	ALL	654110.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
1089	ALL	654130.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
1090	ALL	654150.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
1091	ALL	654170.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
1092	ALL	654190.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1093	ALL	654210.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	2.53E-04
1094	ALL	654230.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	2.36E-04
1095	ALL	654250.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	2.21E-04
1096	ALL	654270.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	2.07E-04
1097	ALL	654290.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1098	ALL	654310.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1099	ALL	654330.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04

1100	ALL	654350.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1101	ALL	654370.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1102	ALL	654390.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1103	ALL	654410.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1104	ALL	654430.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1105	ALL	654450.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1106	ALL	654470.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1107	ALL	654490.1	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1108	ALL	653690.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
1109	ALL	653710.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1110	ALL	653730.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1111	ALL	653750.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1112	ALL	653770.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
1113	ALL	653790.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	2.64E-03
1114	ALL	653810.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	2.45E-03
1115	ALL	653830.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	2.22E-03
1116	ALL	653850.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1117	ALL	653870.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
1118	ALL	653890.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
1119	ALL	653910.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1120	ALL	653930.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
1121	ALL	653950.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	9.37E-04
1122	ALL	653970.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	8.18E-04
1123	ALL	653990.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	7.19E-04
1124	ALL	654010.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
1125	ALL	654030.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	5.68E-04
1126	ALL	654050.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
1127	ALL	654070.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
1128	ALL	654090.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
1129	ALL	654110.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1130	ALL	654130.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
1131	ALL	654150.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
1132	ALL	654170.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	2.96E-04
1133	ALL	654190.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	2.75E-04
1134	ALL	654210.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1135	ALL	654230.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.38E-04
1136	ALL	654250.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	2.22E-04
1137	ALL	654270.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1138	ALL	654290.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	1.96E-04
1139	ALL	654310.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1140	ALL	654330.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
1141	ALL	654350.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1142	ALL	654370.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1143	ALL	654390.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1144	ALL	654410.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1145	ALL	654430.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1146	ALL	654450.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1147	ALL	654470.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1148	ALL	654490.1	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1149	ALL	653690.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.54E-03

1150	ALL	653830.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-05	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
1151	ALL	653850.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
1152	ALL	653870.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1153	ALL	653890.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
1154	ALL	653910.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
1155	ALL	653930.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
1156	ALL	653950.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	9.77E-04
1157	ALL	653970.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	8.46E-04
1158	ALL	653990.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	7.39E-04
1159	ALL	654010.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	6.51E-04
1160	ALL	654030.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
1161	ALL	654050.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
1162	ALL	654070.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-06	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1163	ALL	654090.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
1164	ALL	654110.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
1165	ALL	654130.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-06	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
1166	ALL	654150.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	3.23E-04
1167	ALL	654170.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1168	ALL	654190.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	2.76E-04
1169	ALL	654210.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	2.56E-04
1170	ALL	654230.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.38E-04
1171	ALL	654250.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	2.22E-04
1172	ALL	654270.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1173	ALL	654290.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1174	ALL	654310.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1175	ALL	654330.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04
1176	ALL	654350.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1177	ALL	654370.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1178	ALL	654390.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1179	ALL	654410.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1180	ALL	654430.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1181	ALL	654450.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1182	ALL	654470.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1183	ALL	654490.1	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1184	ALL	653690.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
1185	ALL	653830.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1186	ALL	653850.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	2.72E-03
1187	ALL	653870.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	2.14E-03
1188	ALL	653890.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
1189	ALL	653910.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1190	ALL	653930.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1191	ALL	653950.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1192	ALL	653970.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	8.63E-04
1193	ALL	653990.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	7.50E-04	0.00E+00	0.00E+00	7.50E-04
1194	ALL	654010.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
1195	ALL	654030.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
1196	ALL	654050.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
1197	ALL	654070.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-06	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
1198	ALL	654090.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
1199	ALL	654110.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04

1200	ALL	654130.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
1201	ALL	654150.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1202	ALL	654170.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
1203	ALL	654190.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	2.74E-04
1204	ALL	654210.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1205	ALL	654230.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	2.37E-04
1206	ALL	654250.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	2.21E-04
1207	ALL	654270.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	2.07E-04
1208	ALL	654290.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	1.94E-04
1209	ALL	654310.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
1210	ALL	654330.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.72E-04
1211	ALL	654350.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
1212	ALL	654370.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1213	ALL	654390.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1214	ALL	654410.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
1215	ALL	654430.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
1216	ALL	654450.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
1217	ALL	654470.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
1218	ALL	654490.1	4187908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
1219	ALL	653690.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	5.28E-03
1220	ALL	653830.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
1221	ALL	653850.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
1222	ALL	653870.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1223	ALL	653890.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
1224	ALL	653910.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1225	ALL	653930.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1226	ALL	653950.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1227	ALL	653970.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	8.65E-04
1228	ALL	653990.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	7.49E-04
1229	ALL	654010.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
1230	ALL	654030.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04
1231	ALL	654050.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1232	ALL	654070.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
1233	ALL	654090.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	4.19E-04
1234	ALL	654110.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1235	ALL	654130.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	3.48E-04
1236	ALL	654150.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1237	ALL	654170.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
1238	ALL	654190.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1239	ALL	654210.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	2.52E-04
1240	ALL	654230.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	2.34E-04
1241	ALL	654250.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
1242	ALL	654270.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	2.05E-04
1243	ALL	654290.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	1.92E-04
1244	ALL	654310.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1245	ALL	654330.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	1.70E-04
1246	ALL	654350.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.61E-04
1247	ALL	654370.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.52E-04
1248	ALL	654390.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
1249	ALL	654410.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04

1250	ALL	654430.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
1251	ALL	654450.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
1252	ALL	654470.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
1253	ALL	654490.1	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
1254	ALL	653690.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
1255	ALL	653830.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.22E-03
1256	ALL	653850.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1257	ALL	653870.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1258	ALL	653890.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1259	ALL	653910.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
1260	ALL	653930.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1261	ALL	653950.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	9.93E-04
1262	ALL	653970.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	8.49E-04
1263	ALL	653990.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
1264	ALL	654010.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04
1265	ALL	654030.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	5.69E-04
1266	ALL	654050.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
1267	ALL	654070.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
1268	ALL	654090.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
1269	ALL	654110.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
1270	ALL	654130.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
1271	ALL	654150.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
1272	ALL	654170.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	2.89E-04
1273	ALL	654190.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	2.67E-04
1274	ALL	654210.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	2.48E-04
1275	ALL	654230.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	2.31E-04
1276	ALL	654250.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
1277	ALL	654270.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	2.02E-04
1278	ALL	654290.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	1.90E-04
1279	ALL	654310.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	1.78E-04
1280	ALL	654330.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	1.68E-04
1281	ALL	654350.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.59E-04
1282	ALL	654370.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.50E-04
1283	ALL	654390.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.42E-04
1284	ALL	654410.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
1285	ALL	654430.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
1286	ALL	654450.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
1287	ALL	654470.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
1288	ALL	654490.1	4187948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
1289	ALL	653690.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1290	ALL	653830.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.90E-03
1291	ALL	653850.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	2.81E-03
1292	ALL	653870.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	2.13E-03
1293	ALL	653890.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	1.68E-03
1294	ALL	653910.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1295	ALL	653930.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
1296	ALL	653950.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	9.54E-04
1297	ALL	653970.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	8.18E-04
1298	ALL	653990.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	7.11E-04
1299	ALL	654010.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	6.24E-04

1300	ALL	654030.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
1301	ALL	654050.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
1302	ALL	654070.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	4.44E-04
1303	ALL	654090.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
1304	ALL	654110.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
1305	ALL	654130.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
1306	ALL	654150.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1307	ALL	654170.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	2.84E-04
1308	ALL	654190.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	2.63E-04
1309	ALL	654210.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	2.44E-04
1310	ALL	654230.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	2.27E-04
1311	ALL	654250.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	2.12E-04
1312	ALL	654270.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	1.99E-04
1313	ALL	654290.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	1.87E-04
1314	ALL	654310.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
1315	ALL	654330.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	1.66E-04
1316	ALL	654350.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.57E-04
1317	ALL	654370.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
1318	ALL	654390.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
1319	ALL	654410.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
1320	ALL	654430.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1321	ALL	654450.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1322	ALL	654470.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1323	ALL	654490.1	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
1324	ALL	653690.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	9.08E-03
1325	ALL	653830.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1326	ALL	653850.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
1327	ALL	653870.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1328	ALL	653890.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
1329	ALL	653910.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
1330	ALL	653930.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1331	ALL	653950.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
1332	ALL	653970.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	7.72E-04
1333	ALL	653990.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
1334	ALL	654010.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
1335	ALL	654030.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
1336	ALL	654050.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-06	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1337	ALL	654070.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
1338	ALL	654090.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
1339	ALL	654110.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.55E-04
1340	ALL	654130.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
1341	ALL	654150.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	3.00E-04
1342	ALL	654170.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	2.77E-04
1343	ALL	654190.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	2.57E-04
1344	ALL	654210.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	2.39E-04
1345	ALL	654230.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	2.23E-04
1346	ALL	654250.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1347	ALL	654270.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1348	ALL	654290.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1349	ALL	654310.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04

1350	ALL	654330.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1351	ALL	654350.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1352	ALL	654370.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1353	ALL	654390.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1354	ALL	654410.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1355	ALL	654430.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1356	ALL	654450.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1357	ALL	654470.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
1358	ALL	654490.1	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
1359	ALL	653655.1	4187975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
1360	ALL	653791.2	4188025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
1361	ALL	653828	4188054	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
1362	ALL	653851.7	4188037	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1363	ALL	653905.3	4188036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
1364	ALL	653749.8	4188104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	8.09E-04
1365	ALL	653938.3	4188030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	7.47E-04
1366	ALL	653988.6	4188028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	5.67E-04
1367	ALL	654041.4	4188038	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	4.14E-04
1368	ALL	653989.9	4188052	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
1369	ALL	653634	4187869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1370	ALL	653624.7	4187963	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	2.59E-03
1371	ALL	653582.9	4187962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1372	ALL	653701.2	4188101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	9.64E-04
1373	ALL	654582.9	4187495	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	8.08E-05
1374	ALL	654554.3	4187451	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	8.05E-05	0.00E+00	0.00E+00	8.05E-05
1375	ALL	654607.7	4187450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	7.46E-05
1376	ALL	654492.6	4186914	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	3.82E-05
1377	ALL	654507.1	4186911	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	3.79E-05
1378	ALL	654509.1	4186964	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-07	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	4.10E-05
1379	ALL	653809.3	4186920	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-07	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	4.06E-05
1380	ALL	654342.3	4186819	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-07	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	3.74E-05
1381	ALL	655092.5	4187198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	3.59E-05
1382	ALL	654238.7	4186303	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1383	ALL	655153.1	4188271	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	3.15E-05
1384	ALL	653689.1	4188009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	7.03E-03
1385	ALL	653683.7	4188032	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.70E-03
1386	ALL	653706.1	4188038	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1387	ALL	653679.4	4188057	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
1388	ALL	653658.8	4188047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	2.50E-03
1389	ALL	653703	4188063	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1390	ALL	653675.6	4188081	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
1391	ALL	653653.7	4188071	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
1392	ALL	653699.9	4188088	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
1393	ALL	653668.6	4188130	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
1394	ALL	653645.1	4188120	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	8.62E-04	0.00E+00	0.00E+00	8.62E-04
1395	ALL	653621.6	4188109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	9.63E-04
1396	ALL	653693.7	4188138	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
1397	ALL	653663.2	4188180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
1398	ALL	653641.3	4188170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
1399	ALL	653619.3	4188160	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	5.71E-04

1400	ALL	653597.4	4188150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
1401	ALL	653575.4	4188140	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	6.43E-04
1402	ALL	653687.5	4188187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
1403	ALL	653656.5	4188230	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	3.02E-04
1404	ALL	653633.7	4188219	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
1405	ALL	653610.8	4188209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1406	ALL	653587.9	4188198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	4.17E-04
1407	ALL	653565.1	4188188	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
1408	ALL	653542.2	4188177	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
1409	ALL	653681.2	4188237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	2.75E-04
1410	ALL	653650	4188279	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	2.20E-04
1411	ALL	653626.5	4188268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	2.46E-04
1412	ALL	653603	4188258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1413	ALL	653579.4	4188247	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1414	ALL	653555.9	4188236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
1415	ALL	653532.4	4188225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1416	ALL	653508.9	4188214	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	3.46E-04
1417	ALL	653675	4188286	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	2.03E-04
1418	ALL	653643.6	4188329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
1419	ALL	653619.5	4188318	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	1.86E-04
1420	ALL	653595.5	4188307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	2.05E-04
1421	ALL	653571.5	4188296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	2.23E-04
1422	ALL	653547.5	4188285	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	2.39E-04
1423	ALL	653523.5	4188274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1424	ALL	653499.5	4188262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	2.67E-04
1425	ALL	653475.5	4188251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	2.71E-04
1426	ALL	653668.8	4188336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
1427	ALL	653631.4	4188428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
1428	ALL	653607.9	4188417	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
1429	ALL	653584.3	4188406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1430	ALL	653560.8	4188396	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	1.36E-04
1431	ALL	653537.3	4188385	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1432	ALL	653513.8	4188374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1433	ALL	653490.3	4188363	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1434	ALL	653466.7	4188352	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.71E-04
1435	ALL	653443.2	4188341	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.77E-04
1436	ALL	653419.7	4188331	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1437	ALL	653656.4	4188435	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
1438	ALL	653618.6	4188527	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	7.72E-05
1439	ALL	653594.5	4188516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	8.20E-05
1440	ALL	653570.3	4188505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	8.76E-05	0.00E+00	0.00E+00	8.76E-05
1441	ALL	653546.2	4188494	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	9.35E-05
1442	ALL	653522	4188483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	9.95E-05
1443	ALL	653497.9	4188472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
1444	ALL	653473.8	4188460	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
1445	ALL	653449.6	4188449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1446	ALL	653425.5	4188438	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1447	ALL	653401.3	4188427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
1448	ALL	653377.2	4188416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
1449	ALL	653353	4188405	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04

1450	ALL	653644	4188534	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	7.43E-05
1451	ALL	653606.4	4188626	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	5.80E-05
1452	ALL	653582.6	4188616	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	6.09E-05
1453	ALL	653558.8	4188605	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	6.43E-05
1454	ALL	653535.1	4188594	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	6.80E-05
1455	ALL	653511.3	4188583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	7.18E-05	0.00E+00	0.00E+00	7.18E-05
1456	ALL	653487.5	4188572	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	7.57E-05
1457	ALL	653463.7	4188561	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	7.95E-05
1458	ALL	653439.9	4188550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	8.31E-05
1459	ALL	653416.1	4188539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	8.63E-05	0.00E+00	0.00E+00	8.63E-05
1460	ALL	653392.4	4188528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	8.93E-05
1461	ALL	653368.6	4188517	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	9.24E-05	0.00E+00	0.00E+00	9.24E-05
1462	ALL	653344.8	4188506	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	9.54E-05
1463	ALL	653321	4188495	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	9.82E-05
1464	ALL	653297.2	4188484	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	1.00E-04
1465	ALL	653273.5	4188473	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
1466	ALL	653631.6	4188634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	5.64E-05
1467	ALL	653593.8	4188726	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	4.56E-05
1468	ALL	653569.6	4188714	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	4.75E-05
1469	ALL	653545.3	4188703	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	4.98E-05
1470	ALL	653521.1	4188692	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	5.23E-05
1471	ALL	653496.9	4188681	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	5.49E-05
1472	ALL	653472.7	4188670	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	5.76E-05
1473	ALL	653448.5	4188659	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	6.04E-05
1474	ALL	653424.3	4188648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	6.31E-05
1475	ALL	653400.1	4188636	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	6.56E-05
1476	ALL	653375.9	4188625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	6.78E-05
1477	ALL	653351.6	4188614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	6.99E-05
1478	ALL	653327.4	4188603	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	7.21E-05	0.00E+00	0.00E+00	7.21E-05
1479	ALL	653303.2	4188592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	7.43E-05
1480	ALL	653279	4188581	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	7.64E-05
1481	ALL	653254.8	4188570	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	7.83E-05
1482	ALL	653230.6	4188558	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	7.96E-05	0.00E+00	0.00E+00	7.96E-05
1483	ALL	653206.4	4188547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	8.01E-05
1484	ALL	653619.1	4188733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	4.45E-05
1485	ALL	653581.5	4188825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	3.69E-05
1486	ALL	653557.6	4188814	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-07	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	3.82E-05
1487	ALL	653533.6	4188803	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	3.98E-05
1488	ALL	653509.7	4188792	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-07	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	4.15E-05
1489	ALL	653485.8	4188781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-07	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	4.34E-05
1490	ALL	653461.9	4188770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	4.52E-05
1491	ALL	653438	4188759	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	4.71E-05
1492	ALL	653414	4188748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-07	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	4.91E-05
1493	ALL	653390.1	4188737	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	5.11E-05
1494	ALL	653366.2	4188726	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	5.30E-05
1495	ALL	653342.3	4188715	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	5.46E-05
1496	ALL	653318.3	4188704	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	5.61E-05
1497	ALL	653294.4	4188693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	5.75E-05
1498	ALL	653270.5	4188682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	5.91E-05
1499	ALL	653246.6	4188671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	6.06E-05

1500	ALL	653222.6	4188660	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	6.22E-05
1501	ALL	653198.7	4188649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	6.36E-05
1502	ALL	653174.8	4188638	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	6.47E-05
1503	ALL	653150.9	4188627	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	6.54E-05
1504	ALL	653606.7	4188832	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	3.62E-05
1505	ALL	653550.3	4189073	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.39E-05
1506	ALL	653526.2	4189062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.45E-05
1507	ALL	653502	4189051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
1508	ALL	653477.9	4189040	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
1509	ALL	653453.7	4189028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	2.71E-05
1510	ALL	653429.6	4189017	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.80E-05
1511	ALL	653405.4	4189006	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
1512	ALL	653381.3	4188995	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-07	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	2.99E-05
1513	ALL	653357.1	4188984	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-07	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	3.08E-05
1514	ALL	653333	4188973	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-07	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	3.19E-05
1515	ALL	653308.8	4188962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-07	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	3.29E-05
1516	ALL	653284.7	4188951	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.40E-05
1517	ALL	653260.5	4188940	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-07	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	3.49E-05
1518	ALL	653236.4	4188928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-07	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	3.57E-05
1519	ALL	653212.2	4188917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-07	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	3.65E-05
1520	ALL	653188.1	4188906	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	3.72E-05
1521	ALL	653164	4188895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	3.79E-05
1522	ALL	653139.8	4188884	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	3.87E-05
1523	ALL	653115.7	4188873	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-07	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	3.95E-05
1524	ALL	653091.5	4188862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	4.04E-05
1525	ALL	653067.4	4188851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-07	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	4.12E-05
1526	ALL	653043.2	4188839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	4.19E-05
1527	ALL	653019.1	4188828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-07	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	4.25E-05
1528	ALL	652994.9	4188817	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	4.30E-05
1529	ALL	652970.8	4188806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	4.32E-05
1530	ALL	653575.7	4189080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	2.37E-05
1531	ALL	653519.4	4189321	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.70E-05
1532	ALL	653495.5	4189310	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-07	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.73E-05
1533	ALL	653471.6	4189299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
1534	ALL	653447.7	4189288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
1535	ALL	653423.8	4189277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
1536	ALL	653399.9	4189266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.92E-05
1537	ALL	653376	4189255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-07	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.98E-05
1538	ALL	653352.1	4189244	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.03E-05
1539	ALL	653328.2	4189233	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1540	ALL	653304.3	4189222	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-07	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.14E-05
1541	ALL	653280.4	4189211	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05
1542	ALL	653256.5	4189200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.25E-05
1543	ALL	653232.6	4189189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.31E-05
1544	ALL	653208.7	4189178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	2.38E-05
1545	ALL	653184.8	4189167	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.44E-05
1546	ALL	653160.9	4189156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	2.49E-05
1547	ALL	653137	4189145	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-07	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	2.54E-05
1548	ALL	653113.1	4189134	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-07	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	2.58E-05
1549	ALL	653089.2	4189123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	2.62E-05

1550	ALL	653065.3	4189112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.66E-05
1551	ALL	653041.4	4189101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-07	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	2.70E-05
1552	ALL	653017.5	4189090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-07	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.75E-05
1553	ALL	652993.6	4189079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-07	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	2.79E-05
1554	ALL	652969.7	4189068	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-07	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.84E-05
1555	ALL	652945.8	4189057	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
1556	ALL	652921.9	4189046	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-07	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	2.94E-05
1557	ALL	652898	4189035	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-07	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	2.99E-05
1558	ALL	652874.1	4189024	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	3.03E-05
1559	ALL	652850.2	4189013	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-07	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	3.06E-05
1560	ALL	652826.3	4189002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	3.09E-05
1561	ALL	652802.4	4188991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-07	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	3.10E-05
1562	ALL	653544.6	4189328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
1563	ALL	653488.3	4189569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
1564	ALL	653464.2	4189558	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
1565	ALL	653440.1	4189547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
1566	ALL	653416.1	4189536	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
1567	ALL	653392	4189525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
1568	ALL	653368	4189514	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
1569	ALL	653343.9	4189503	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
1570	ALL	653319.9	4189492	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.49E-05
1571	ALL	653295.8	4189480	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
1572	ALL	653271.7	4189469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
1573	ALL	653247.7	4189458	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-07	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.59E-05
1574	ALL	653223.6	4189447	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.62E-05
1575	ALL	653199.6	4189436	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
1576	ALL	653175.5	4189425	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.70E-05
1577	ALL	653151.4	4189414	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.74E-05
1578	ALL	653127.4	4189403	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
1579	ALL	653103.3	4189392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
1580	ALL	653079.3	4189381	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
1581	ALL	653055.2	4189370	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
1582	ALL	653031.2	4189359	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-07	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.93E-05
1583	ALL	653007.1	4189348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.95E-05
1584	ALL	652983	4189337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-07	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.98E-05
1585	ALL	652959	4189325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-07	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.00E-05
1586	ALL	652934.9	4189314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.03E-05
1587	ALL	652910.9	4189303	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-07	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	2.05E-05
1588	ALL	652886.8	4189292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1589	ALL	652862.8	4189281	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-07	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	2.11E-05
1590	ALL	652838.7	4189270	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.14E-05
1591	ALL	652814.6	4189259	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-07	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.18E-05
1592	ALL	652790.6	4189248	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-07	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.21E-05
1593	ALL	652766.5	4189237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
1594	ALL	652742.5	4189226	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
1595	ALL	652718.4	4189215	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.30E-05
1596	ALL	652694.4	4189204	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
1597	ALL	652670.3	4189193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05
1598	ALL	652646.2	4189181	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	2.35E-05
1599	ALL	653513.5	4189576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05

1600	ALL	653457.1	4189817	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
1601	ALL	653433	4189806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
1602	ALL	653408.8	4189795	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
1603	ALL	653384.6	4189784	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1604	ALL	653360.4	4189773	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
1605	ALL	653336.3	4189761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
1606	ALL	653312.1	4189750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
1607	ALL	653287.9	4189739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
1608	ALL	653263.8	4189728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
1609	ALL	653239.6	4189717	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
1610	ALL	653215.4	4189706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-07	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.22E-05
1611	ALL	653191.2	4189695	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
1612	ALL	653167.1	4189684	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1613	ALL	653142.9	4189672	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05
1614	ALL	653118.7	4189661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
1615	ALL	653094.5	4189650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
1616	ALL	653070.4	4189639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
1617	ALL	653046.2	4189628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
1618	ALL	653022	4189617	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
1619	ALL	652997.8	4189606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
1620	ALL	652973.7	4189595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.48E-05
1621	ALL	652949.5	4189583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
1622	ALL	652925.3	4189572	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
1623	ALL	652901.1	4189561	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
1624	ALL	652877	4189550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
1625	ALL	652852.8	4189539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
1626	ALL	652828.6	4189528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-07	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.59E-05
1627	ALL	652804.4	4189517	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-07	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	1.60E-05
1628	ALL	652780.3	4189506	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.62E-05
1629	ALL	652756.1	4189494	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-07	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.64E-05
1630	ALL	652731.9	4189483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
1631	ALL	652707.7	4189472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-07	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.68E-05
1632	ALL	652683.6	4189461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
1633	ALL	652659.4	4189450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-07	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.73E-05
1634	ALL	652635.2	4189439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.75E-05
1635	ALL	652611	4189428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
1636	ALL	652586.9	4189416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.79E-05
1637	ALL	652562.7	4189405	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
1638	ALL	652538.5	4189394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
1639	ALL	652514.4	4189383	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
1640	ALL	652490.2	4189372	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.85E-05
1641	ALL	652466	4189361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
1642	ALL	653482.5	4189824	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
1643	ALL	653395.1	4190313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	6.85E-06
1644	ALL	653371	4190302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
1645	ALL	653346.9	4190291	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	6.92E-06
1646	ALL	653322.7	4190280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	6.99E-06
1647	ALL	653298.6	4190269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.08E-06
1648	ALL	653274.5	4190258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.19E-06	0.00E+00	0.00E+00	7.19E-06
1649	ALL	653250.4	4190247	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	7.32E-06

1650	ALL	653226.3	4190236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	7.46E-06
1651	ALL	653202.2	4190224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	7.61E-06
1652	ALL	653178.1	4190213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	7.76E-06
1653	ALL	653154	4190202	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	7.90E-06
1654	ALL	653129.9	4190191	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.04E-06	0.00E+00	0.00E+00	8.04E-06
1655	ALL	653105.8	4190180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	8.16E-06
1656	ALL	653081.7	4190169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	8.27E-06
1657	ALL	653057.6	4190158	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	8.38E-06
1658	ALL	653033.5	4190147	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	8.48E-06
1659	ALL	653009.4	4190136	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	8.59E-06
1660	ALL	652985.2	4190125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	8.69E-06
1661	ALL	652961.1	4190113	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	8.81E-06
1662	ALL	652937	4190102	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.94E-06	0.00E+00	0.00E+00	8.94E-06
1663	ALL	652912.9	4190091	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-07	0.00E+00	0.00E+00	9.08E-06	0.00E+00	0.00E+00	9.08E-06
1664	ALL	652888.8	4190080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	9.24E-06
1665	ALL	652864.7	4190069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	9.40E-06
1666	ALL	652840.6	4190058	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.57E-06	0.00E+00	0.00E+00	9.57E-06
1667	ALL	652816.5	4190047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	9.73E-06
1668	ALL	652792.4	4190036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	9.89E-06
1669	ALL	652768.3	4190025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.00E-05
1670	ALL	652744.2	4190014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
1671	ALL	652720.1	4190003	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
1672	ALL	652696	4189991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
1673	ALL	652671.9	4189980	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1674	ALL	652647.8	4189969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1675	ALL	652623.6	4189958	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
1676	ALL	652599.5	4189947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
1677	ALL	652575.4	4189936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
1678	ALL	652551.3	4189925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
1679	ALL	652527.2	4189914	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
1680	ALL	652503.1	4189903	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
1681	ALL	652479	4189892	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
1682	ALL	652454.9	4189880	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
1683	ALL	652430.8	4189869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
1684	ALL	652406.7	4189858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
1685	ALL	652382.6	4189847	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
1686	ALL	652358.5	4189836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
1687	ALL	652334.4	4189825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-07	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
1688	ALL	652310.3	4189814	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
1689	ALL	652286.1	4189803	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-07	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.21E-05
1690	ALL	652262	4189792	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-07	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.22E-05
1691	ALL	652237.9	4189781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-07	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.23E-05
1692	ALL	652213.8	4189769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
1693	ALL	652189.7	4189758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
1694	ALL	652165.6	4189747	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1695	ALL	652141.5	4189736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1696	ALL	653420.4	4190320	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	6.85E-06
1697	ALL	653332.9	4190809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	5.01E-06
1698	ALL	653308.6	4190798	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1699	ALL	653284.4	4190787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	5.04E-06

1700	ALL	653260.1	4190776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	5.06E-06
1701	ALL	653235.9	4190765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.11E-06
1702	ALL	653211.6	4190754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.16E-06
1703	ALL	653187.4	4190742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	5.23E-06
1704	ALL	653163.1	4190731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.31E-06
1705	ALL	653138.9	4190720	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.40E-06
1706	ALL	653114.6	4190709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
1707	ALL	653090.4	4190698	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	5.59E-06
1708	ALL	653066.1	4190687	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.68E-06
1709	ALL	653041.9	4190675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	5.77E-06
1710	ALL	653017.6	4190664	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	5.86E-06
1711	ALL	652993.4	4190653	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	5.93E-06
1712	ALL	652969.1	4190642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	6.00E-06
1713	ALL	652944.9	4190631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.07E-06
1714	ALL	652920.6	4190620	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	6.13E-06
1715	ALL	652896.4	4190608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	6.19E-06
1716	ALL	652872.1	4190597	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	6.24E-06
1717	ALL	652847.9	4190586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	6.30E-06
1718	ALL	652823.6	4190575	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	6.37E-06
1719	ALL	652799.4	4190564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
1720	ALL	652775.1	4190553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	6.51E-06
1721	ALL	652750.9	4190541	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	6.60E-06
1722	ALL	652726.6	4190530	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.69E-06
1723	ALL	652702.4	4190519	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	6.79E-06
1724	ALL	652678.1	4190508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.89E-06
1725	ALL	652653.9	4190497	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.00E-06
1726	ALL	652629.6	4190486	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
1727	ALL	652605.4	4190474	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	7.21E-06
1728	ALL	652581.1	4190463	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	7.30E-06
1729	ALL	652556.9	4190452	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	7.39E-06
1730	ALL	652532.6	4190441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	7.47E-06
1731	ALL	652508.4	4190430	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	7.53E-06
1732	ALL	652484.1	4190419	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	7.59E-06
1733	ALL	652459.9	4190407	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	7.64E-06
1734	ALL	652435.6	4190396	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.69E-06	0.00E+00	0.00E+00	7.69E-06
1735	ALL	652411.4	4190385	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	7.73E-06
1736	ALL	652387.1	4190374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	7.78E-06
1737	ALL	652362.9	4190363	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	7.82E-06
1738	ALL	652338.6	4190352	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	7.87E-06
1739	ALL	652314.4	4190340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	7.92E-06
1740	ALL	652290.1	4190329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	7.98E-06
1741	ALL	652265.9	4190318	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.04E-06	0.00E+00	0.00E+00	8.04E-06
1742	ALL	652241.6	4190307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.10E-06
1743	ALL	652217.4	4190296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	8.17E-06
1744	ALL	652193.1	4190285	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	8.23E-06
1745	ALL	652168.9	4190274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	8.30E-06
1746	ALL	652144.6	4190262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	8.37E-06
1747	ALL	652120.4	4190251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.45E-06	0.00E+00	0.00E+00	8.45E-06
1748	ALL	652096.1	4190240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	8.52E-06
1749	ALL	652071.9	4190229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	8.59E-06

1750	ALL	652047.6	4190218	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	8.66E-06
1751	ALL	652023.4	4190207	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.74E-06
1752	ALL	651999.1	4190195	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	8.81E-06
1753	ALL	651974.9	4190184	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	8.88E-06
1754	ALL	651950.6	4190173	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.95E-06	0.00E+00	0.00E+00	8.95E-06
1755	ALL	651926.4	4190162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	9.01E-06
1756	ALL	651902.1	4190151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	9.07E-06
1757	ALL	651877.9	4190140	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	9.13E-06
1758	ALL	651853.6	4190128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	9.18E-06
1759	ALL	651829.4	4190117	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-07	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	9.21E-06
1760	ALL	651805.1	4190106	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-07	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	9.24E-06
1761	ALL	653358.3	4190817	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1762	ALL	653270.8	4191305	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-08	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.86E-06
1763	ALL	653246.6	4191294	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-08	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.86E-06
1764	ALL	653222.4	4191283	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-08	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1765	ALL	653198.2	4191272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-08	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	3.88E-06
1766	ALL	653174	4191261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-08	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	3.90E-06
1767	ALL	653149.8	4191250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-08	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.93E-06
1768	ALL	653125.7	4191239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-08	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	3.97E-06
1769	ALL	653101.5	4191228	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-08	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.01E-06
1770	ALL	653077.3	4191216	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-08	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.06E-06
1771	ALL	653053.1	4191205	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-08	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	4.12E-06
1772	ALL	653028.9	4191194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-08	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.19E-06
1773	ALL	653004.7	4191183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-08	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	4.25E-06
1774	ALL	652980.5	4191172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-08	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	4.32E-06
1775	ALL	652956.3	4191161	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-08	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.38E-06
1776	ALL	652932.1	4191150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-08	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	4.44E-06
1777	ALL	652907.9	4191138	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-08	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.50E-06
1778	ALL	652883.7	4191127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-08	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.55E-06
1779	ALL	652859.6	4191116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-08	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	4.60E-06
1780	ALL	652835.4	4191105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-08	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.65E-06
1781	ALL	652811.2	4191094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-08	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	4.69E-06
1782	ALL	652787	4191083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-08	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	4.72E-06
1783	ALL	652762.8	4191072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-08	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	4.76E-06
1784	ALL	652738.6	4191060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-08	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	4.79E-06
1785	ALL	652714.4	4191049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-08	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.82E-06
1786	ALL	652690.2	4191038	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-08	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	4.86E-06
1787	ALL	652666	4191027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-08	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	4.90E-06
1788	ALL	652641.8	4191016	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-08	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.94E-06
1789	ALL	652617.6	4191005	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	4.99E-06
1790	ALL	652593.4	4190994	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.05E-06
1791	ALL	652569.3	4190983	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.10E-06
1792	ALL	652545.1	4190971	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.17E-06
1793	ALL	652520.9	4190960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	5.23E-06
1794	ALL	652496.7	4190949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	5.30E-06
1795	ALL	652472.5	4190938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	5.38E-06
1796	ALL	652448.3	4190927	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.45E-06
1797	ALL	652424.1	4190916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.52E-06
1798	ALL	652399.9	4190905	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	5.59E-06
1799	ALL	652375.7	4190893	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	5.65E-06

1800	ALL	652351.5	4190882	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	5.70E-06
1801	ALL	652327.3	4190871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.75E-06
1802	ALL	652303.2	4190860	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	5.80E-06
1803	ALL	652279	4190849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	5.84E-06
1804	ALL	652254.8	4190838	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.87E-06
1805	ALL	652230.6	4190827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	5.90E-06
1806	ALL	652206.4	4190815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	5.93E-06
1807	ALL	652182.2	4190804	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	5.95E-06
1808	ALL	652158	4190793	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	5.98E-06
1809	ALL	652133.8	4190782	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	6.01E-06
1810	ALL	652109.6	4190771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
1811	ALL	652085.4	4190760	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.07E-06
1812	ALL	652061.2	4190749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	6.11E-06
1813	ALL	652037	4190738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	6.14E-06
1814	ALL	652012.9	4190726	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	6.18E-06
1815	ALL	651988.7	4190715	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	6.22E-06
1816	ALL	651964.5	4190704	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.27E-06
1817	ALL	651940.3	4190693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	6.31E-06
1818	ALL	651916.1	4190682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	6.35E-06
1819	ALL	651891.9	4190671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	6.40E-06
1820	ALL	651867.7	4190660	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	6.45E-06
1821	ALL	651843.5	4190648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	6.49E-06
1822	ALL	651819.3	4190637	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	6.54E-06
1823	ALL	651795.1	4190626	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	6.58E-06
1824	ALL	651770.9	4190615	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.63E-06
1825	ALL	651746.8	4190604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.68E-06
1826	ALL	651722.6	4190593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.72E-06
1827	ALL	651698.4	4190582	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.77E-06
1828	ALL	651674.2	4190570	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
1829	ALL	651650	4190559	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
1830	ALL	651625.8	4190548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	6.91E-06
1831	ALL	651601.6	4190537	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	6.95E-06
1832	ALL	651577.4	4190526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	6.99E-06
1833	ALL	651553.2	4190515	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.03E-06
1834	ALL	651529	4190504	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
1835	ALL	651504.8	4190493	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	7.09E-06
1836	ALL	651480.7	4190481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
1837	ALL	651456.5	4190470	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	7.12E-06
1838	ALL	653296.2	4191313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-08	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1839	ALL	653208.7	4191802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1840	ALL	653184.6	4191791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-08	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1841	ALL	653160.4	4191779	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-08	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1842	ALL	653136.3	4191768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-08	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1843	ALL	653112.1	4191757	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.10E-06
1844	ALL	653088	4191746	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-08	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.12E-06
1845	ALL	653063.8	4191735	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-08	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.14E-06
1846	ALL	653039.7	4191724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-08	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.16E-06
1847	ALL	653015.5	4191713	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-08	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.20E-06
1848	ALL	652991.4	4191702	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
1849	ALL	652967.2	4191690	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-08	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.27E-06

1850	ALL	652943.1	4191679	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-08	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.32E-06
1851	ALL	652918.9	4191668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-08	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	3.37E-06
1852	ALL	652894.8	4191657	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-08	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.41E-06
1853	ALL	652870.6	4191646	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-08	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	3.46E-06
1854	ALL	652846.5	4191635	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-08	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.51E-06
1855	ALL	652822.4	4191624	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-08	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	3.55E-06
1856	ALL	652798.2	4191613	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-08	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	3.59E-06
1857	ALL	652774.1	4191602	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-08	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.63E-06
1858	ALL	652749.9	4191590	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-08	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	3.67E-06
1859	ALL	652725.8	4191579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-08	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	3.70E-06
1860	ALL	652701.6	4191568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-08	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.73E-06
1861	ALL	652677.5	4191557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	3.75E-06
1862	ALL	652653.3	4191546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-08	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.78E-06
1863	ALL	652629.2	4191535	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-08	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.80E-06
1864	ALL	652605	4191524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-08	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	3.82E-06
1865	ALL	652580.9	4191513	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-08	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.84E-06
1866	ALL	652556.7	4191501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-08	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1867	ALL	652532.6	4191490	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-08	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.89E-06
1868	ALL	652508.4	4191479	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-08	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.92E-06
1869	ALL	652484.3	4191468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-08	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	3.94E-06
1870	ALL	652460.1	4191457	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-08	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	3.98E-06
1871	ALL	652436	4191446	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-08	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.01E-06
1872	ALL	652411.8	4191435	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-08	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.05E-06
1873	ALL	652387.7	4191424	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-08	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	4.09E-06
1874	ALL	652363.5	4191413	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-08	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.14E-06
1875	ALL	652339.4	4191401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-08	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.19E-06
1876	ALL	652315.2	4191390	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-08	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.24E-06
1877	ALL	652291.1	4191379	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-08	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	4.29E-06
1878	ALL	652266.9	4191368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-08	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	4.34E-06
1879	ALL	652242.8	4191357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-08	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	4.39E-06
1880	ALL	652218.7	4191346	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-08	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	4.44E-06
1881	ALL	652194.5	4191335	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-08	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	4.49E-06
1882	ALL	652170.4	4191324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-08	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	4.53E-06
1883	ALL	652146.2	4191313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-08	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	4.57E-06
1884	ALL	652122.1	4191301	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-08	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	4.60E-06
1885	ALL	652097.9	4191290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-08	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	4.63E-06
1886	ALL	652073.8	4191279	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-08	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.66E-06
1887	ALL	652049.6	4191268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-08	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	4.68E-06
1888	ALL	652025.5	4191257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-08	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	4.70E-06
1889	ALL	652001.3	4191246	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-08	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	4.72E-06
1890	ALL	651977.2	4191235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-08	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	4.74E-06
1891	ALL	651953	4191224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-08	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	4.76E-06
1892	ALL	651928.9	4191212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-08	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	4.78E-06
1893	ALL	651904.7	4191201	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-08	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	4.80E-06
1894	ALL	651880.6	4191190	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-08	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.82E-06
1895	ALL	651856.4	4191179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-08	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	4.84E-06
1896	ALL	651832.3	4191168	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-08	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	4.86E-06
1897	ALL	651808.1	4191157	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-08	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	4.88E-06
1898	ALL	651784	4191146	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-08	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	4.91E-06
1899	ALL	651759.8	4191135	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-08	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.94E-06

1900	ALL	651735.7	4191124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	4.97E-06
1901	ALL	651711.5	4191112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	4.99E-06
1902	ALL	651687.4	4191101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1903	ALL	651663.2	4191090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.05E-06
1904	ALL	651639.1	4191079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	5.09E-06
1905	ALL	651615	4191068	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	5.12E-06
1906	ALL	651590.8	4191057	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	5.15E-06
1907	ALL	651566.7	4191046	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.18E-06
1908	ALL	651542.5	4191035	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	5.21E-06
1909	ALL	651518.4	4191023	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	5.24E-06
1910	ALL	651494.2	4191012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	5.27E-06
1911	ALL	651470.1	4191001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	5.30E-06
1912	ALL	651445.9	4190990	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	5.33E-06
1913	ALL	651421.8	4190979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.37E-06
1914	ALL	651397.6	4190968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.40E-06
1915	ALL	651373.5	4190957	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.43E-06
1916	ALL	651349.3	4190946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	5.46E-06
1917	ALL	651325.2	4190935	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
1918	ALL	651301	4190923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.52E-06
1919	ALL	651276.9	4190912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	5.56E-06
1920	ALL	651252.7	4190901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	5.58E-06
1921	ALL	651228.6	4190890	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	5.61E-06
1922	ALL	651204.4	4190879	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.64E-06
1923	ALL	651180.3	4190868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	5.66E-06
1924	ALL	651156.1	4190857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.68E-06
1925	ALL	651132	4190846	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	5.69E-06
1926	ALL	653234.1	4191809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-08	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.10E-06
1927	ALL	653712.3	4188014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	5.91E-03
1928	ALL	653736.8	4188014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	5.06E-03
1929	ALL	653761.4	4188014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1930	ALL	653785.9	4188014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
1931	ALL	653810.5	4188014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
1932	ALL	653736.8	4188039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.52E-03
1933	ALL	653761.4	4188039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1934	ALL	653785.9	4188039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
1935	ALL	653810.5	4188039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
1936	ALL	653736.8	4188064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
1937	ALL	653761.4	4188064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1938	ALL	653785.9	4188064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1939	ALL	653810.5	4188064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1940	ALL	653736.8	4188089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1941	ALL	653761.4	4188089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	9.52E-04
1942	ALL	653785.9	4188089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
1943	ALL	653810.5	4188089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	7.80E-04
1944	ALL	653736.8	4188139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	5.67E-04
1945	ALL	653761.4	4188139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
1946	ALL	653785.9	4188139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
1947	ALL	653810.5	4188139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1948	ALL	653712.3	4188189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
1949	ALL	653736.8	4188189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04

1950	ALL	653761.4	4188189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	3.52E-04
1951	ALL	653785.9	4188189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1952	ALL	653810.5	4188189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1953	ALL	653712.3	4188239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	2.62E-04
1954	ALL	653736.8	4188239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	2.56E-04
1955	ALL	653761.4	4188239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	2.50E-04
1956	ALL	653785.9	4188239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	2.42E-04
1957	ALL	653810.5	4188239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	2.33E-04
1958	ALL	653712.3	4188289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1959	ALL	653736.8	4188289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	1.91E-04
1960	ALL	653761.4	4188289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	1.88E-04
1961	ALL	653785.9	4188289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
1962	ALL	653810.5	4188289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	1.78E-04
1963	ALL	653712.3	4188339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
1964	ALL	653736.8	4188339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	1.49E-04
1965	ALL	653761.4	4188339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1966	ALL	653785.9	4188339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
1967	ALL	653810.5	4188339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1968	ALL	653693.7	4188438	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
1969	ALL	653736.8	4188439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	9.92E-05
1970	ALL	653761.4	4188439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	9.80E-05
1971	ALL	653785.9	4188439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	9.67E-05
1972	ALL	653810.5	4188439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	9.51E-05
1973	ALL	653689.5	4188537	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	7.30E-05
1974	ALL	653666.7	4188536	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	7.36E-05
1975	ALL	653712.3	4188539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	7.22E-05
1976	ALL	653736.8	4188539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	7.15E-05	0.00E+00	0.00E+00	7.15E-05
1977	ALL	653761.4	4188539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	7.08E-05	0.00E+00	0.00E+00	7.08E-05
1978	ALL	653785.9	4188539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	7.01E-05
1979	ALL	653810.5	4188539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	6.93E-05
1980	ALL	653692.1	4188637	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	5.54E-05
1981	ALL	653736.8	4188639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	5.44E-05
1982	ALL	653761.4	4188639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	5.40E-05
1983	ALL	653785.9	4188639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	5.36E-05
1984	ALL	653810.5	4188639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	5.31E-05
1985	ALL	653689	4188737	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	4.39E-05
1986	ALL	653665.7	4188736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-07	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	4.42E-05
1987	ALL	653642.4	4188734	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-07	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	4.43E-05
1988	ALL	653712.3	4188739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-07	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	4.34E-05
1989	ALL	653736.8	4188739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	4.31E-05
1990	ALL	653761.4	4188739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-07	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	4.28E-05
1991	ALL	653785.9	4188739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-07	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	4.25E-05
1992	ALL	653810.5	4188739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	4.22E-05
1993	ALL	653691.2	4188837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	3.57E-05
1994	ALL	653648.9	4188835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	3.61E-05
1995	ALL	653736.8	4188839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	3.51E-05
1996	ALL	653761.4	4188839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-07	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	3.49E-05
1997	ALL	653785.9	4188839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-07	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	3.47E-05
1998	ALL	653810.5	4188839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	3.45E-05
1999	ALL	653689.5	4189087	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05

2000	ALL	653666.7	4189086	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	2.36E-05
2001	ALL	653644	4189084	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2002	ALL	653621.2	4189083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2003	ALL	653598.4	4189082	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2004	ALL	653712.3	4189089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
2005	ALL	653736.8	4189089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.30E-05
2006	ALL	653761.4	4189089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.29E-05
2007	ALL	653785.9	4189089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2008	ALL	653810.5	4189089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
2009	ALL	653688.3	4189337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.67E-05
2010	ALL	653664.4	4189336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2011	ALL	653640.4	4189334	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2012	ALL	653616.5	4189333	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2013	ALL	653592.5	4189331	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2014	ALL	653568.6	4189330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2015	ALL	653712.3	4189339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2016	ALL	653736.8	4189339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-07	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.65E-05
2017	ALL	653761.4	4189339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-07	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.64E-05
2018	ALL	653785.9	4189339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.63E-05
2019	ALL	653810.5	4189339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.63E-05
2020	ALL	653690.2	4189587	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2021	ALL	653646	4189585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05
2022	ALL	653601.9	4189582	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2023	ALL	653557.7	4189579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2024	ALL	653736.8	4189589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
2025	ALL	653761.4	4189589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2026	ALL	653785.9	4189589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2027	ALL	653810.5	4189589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2028	ALL	653689.3	4189837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	9.99E-06
2029	ALL	653666.3	4189836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2030	ALL	653643.4	4189834	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2031	ALL	653620.4	4189833	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2032	ALL	653597.4	4189832	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2033	ALL	653574.4	4189830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2034	ALL	653551.4	4189829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2035	ALL	653528.5	4189827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2036	ALL	653505.5	4189826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2037	ALL	653712.3	4189839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	9.92E-06
2038	ALL	653736.8	4189839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.87E-06	0.00E+00	0.00E+00	9.87E-06
2039	ALL	653761.4	4189839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	9.83E-06
2040	ALL	653785.9	4189839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	9.80E-06
2041	ALL	653810.5	4189839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.79E-06	0.00E+00	0.00E+00	9.79E-06
2042	ALL	653688	4190337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	6.78E-06
2043	ALL	653663.6	4190336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2044	ALL	653639.3	4190334	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2045	ALL	653615	4190333	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2046	ALL	653590.7	4190331	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.93E-06
2047	ALL	653566.3	4190330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	6.95E-06
2048	ALL	653542	4190328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	6.96E-06
2049	ALL	653517.7	4190327	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	6.95E-06

2050	ALL	653493.4	4190325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	6.94E-06
2051	ALL	653469	4190323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	6.91E-06
2052	ALL	653444.7	4190322	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
2053	ALL	653712.3	4190339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	6.74E-06
2054	ALL	653736.8	4190339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
2055	ALL	653761.4	4190339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.68E-06
2056	ALL	653785.9	4190339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	6.66E-06
2057	ALL	653810.5	4190339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	6.65E-06
2058	ALL	653688.7	4190837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	4.96E-06
2059	ALL	653665.1	4190836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	4.99E-06
2060	ALL	653641.5	4190834	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.02E-06
2061	ALL	653617.9	4190833	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	5.04E-06
2062	ALL	653594.3	4190831	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.07E-06
2063	ALL	653570.7	4190830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2064	ALL	653547.1	4190828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.10E-06
2065	ALL	653523.5	4190827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2066	ALL	653499.9	4190825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2067	ALL	653476.3	4190824	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2068	ALL	653452.7	4190822	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.10E-06
2069	ALL	653429.1	4190821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2070	ALL	653405.5	4190820	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.07E-06
2071	ALL	653381.9	4190818	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	5.04E-06
2072	ALL	653712.3	4190839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-08	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.94E-06
2073	ALL	653736.8	4190839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-08	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.92E-06
2074	ALL	653761.4	4190839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-08	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	4.90E-06
2075	ALL	653785.9	4190839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-08	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	4.89E-06
2076	ALL	653810.5	4190839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-08	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	4.88E-06
2077	ALL	653687.8	4191337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-08	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.83E-06
2078	ALL	653663.3	4191336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-08	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	3.85E-06
2079	ALL	653638.9	4191334	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-08	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.87E-06
2080	ALL	653614.4	4191333	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-08	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.89E-06
2081	ALL	653589.9	4191331	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-08	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	3.91E-06
2082	ALL	653565.4	4191330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-08	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.92E-06
2083	ALL	653540.9	4191328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-08	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	3.94E-06
2084	ALL	653516.5	4191326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-08	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2085	ALL	653492	4191325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-08	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2086	ALL	653467.5	4191323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-08	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.96E-06
2087	ALL	653443	4191322	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-08	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2088	ALL	653418.6	4191320	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-08	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2089	ALL	653394.1	4191319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-08	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	3.94E-06
2090	ALL	653369.6	4191317	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-08	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.93E-06
2091	ALL	653345.1	4191316	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-08	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	3.91E-06
2092	ALL	653320.6	4191314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-08	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.89E-06
2093	ALL	653712.3	4191339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-08	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	3.81E-06
2094	ALL	653736.8	4191339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-08	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.80E-06
2095	ALL	653761.4	4191339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-08	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2096	ALL	653785.9	4191339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-08	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2097	ALL	653810.5	4191339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	3.77E-06
2098	ALL	653688.4	4191837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-08	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.07E-06
2099	ALL	653664.5	4191836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.08E-06

2100	ALL	653640.6	4191834	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-08	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.10E-06
2101	ALL	653616.6	4191833	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-08	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2102	ALL	653592.7	4191831	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-08	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.12E-06
2103	ALL	653568.8	4191830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-08	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.13E-06
2104	ALL	653544.9	4191828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-08	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.15E-06
2105	ALL	653521	4191827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-08	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2106	ALL	653497.1	4191825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-08	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2107	ALL	653473.2	4191824	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-08	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2108	ALL	653449.3	4191822	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-08	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2109	ALL	653425.3	4191821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-08	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2110	ALL	653401.4	4191819	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-08	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2111	ALL	653377.5	4191818	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-08	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2112	ALL	653353.6	4191816	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-08	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2113	ALL	653329.7	4191815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-08	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.15E-06
2114	ALL	653305.8	4191813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-08	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.14E-06
2115	ALL	653281.9	4191812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-08	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.13E-06
2116	ALL	653258	4191810	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-08	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2117	ALL	653712.3	4191839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-08	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.05E-06
2118	ALL	653736.8	4191839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-08	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.04E-06
2119	ALL	653761.4	4191839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-08	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.03E-06
2120	ALL	653785.9	4191839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-08	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.03E-06
2121	ALL	653810.5	4191839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-08	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.02E-06
2122	ALL	653835.4	4187990	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	2.79E-03
2123	ALL	653838.6	4187946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
2124	ALL	653841.7	4187902	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-05	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
2125	ALL	653852.5	4188009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
2126	ALL	653861.9	4187970	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
2127	ALL	653865.1	4187926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
2128	ALL	653868.2	4187881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2129	ALL	653877.4	4188010	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2130	ALL	653844.6	4188050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
2131	ALL	653886.9	4187972	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2132	ALL	653890	4187927	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2133	ALL	653893.2	4187883	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2134	ALL	653902.3	4188012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2135	ALL	653886.6	4188045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	8.76E-04
2136	ALL	653861.6	4188069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	7.66E-04
2137	ALL	653911.8	4187974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2138	ALL	653915	4187929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2139	ALL	653918.1	4187885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2140	ALL	653950.6	4188019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	7.47E-04
2141	ALL	653931.7	4188059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
2142	ALL	653892.3	4188106	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
2143	ALL	653851.4	4188123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2144	ALL	653961.7	4187977	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	8.52E-04
2145	ALL	653964.8	4187933	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
2146	ALL	653968	4187888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
2147	ALL	654001	4188022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
2148	ALL	653982.9	4188059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
2149	ALL	653964.9	4188097	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04

2150	ALL	653927.4	4188143	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
2151	ALL	653888.4	4188158	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
2152	ALL	653849.4	4188173	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
2153	ALL	654011.6	4187981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
2154	ALL	654014.7	4187936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04
2155	ALL	654017.9	4187892	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
2156	ALL	654051.1	4188025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
2157	ALL	654033.5	4188061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
2158	ALL	654016	4188098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	3.31E-04
2159	ALL	653998.5	4188135	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	2.75E-04
2160	ALL	653962	4188179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	2.35E-04
2161	ALL	653924.1	4188194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	2.37E-04
2162	ALL	653886.2	4188209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	2.40E-04
2163	ALL	653848.4	4188224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	2.39E-04
2164	ALL	654061.4	4187984	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
2165	ALL	654064.6	4187940	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-06	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
2166	ALL	654067.7	4187895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
2167	ALL	654100.3	4188030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2168	ALL	654081.3	4188069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-06	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
2169	ALL	654062.4	4188109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	2.69E-04
2170	ALL	654043.4	4188149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	2.28E-04
2171	ALL	654024.5	4188188	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	1.93E-04
2172	ALL	653994.5	4188216	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
2173	ALL	653953.6	4188232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
2174	ALL	653912.7	4188248	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	1.85E-04
2175	ALL	653871.8	4188265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
2176	ALL	654111.3	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2177	ALL	654114.5	4187943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
2178	ALL	654117.6	4187899	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-06	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.72E-04
2179	ALL	654150.4	4188033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04
2180	ALL	654132	4188071	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	2.53E-04
2181	ALL	654113.6	4188110	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	2.30E-04
2182	ALL	654095.1	4188148	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	2.03E-04
2183	ALL	654076.7	4188187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
2184	ALL	654058.3	4188225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.52E-04
2185	ALL	654029.2	4188253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
2186	ALL	653989.4	4188268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
2187	ALL	653949.7	4188284	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
2188	ALL	653909.9	4188300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
2189	ALL	653870.1	4188315	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.46E-04
2190	ALL	654161.2	4187991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	2.86E-04
2191	ALL	654164.3	4187947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	2.96E-04
2192	ALL	654167.5	4187902	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	3.01E-04
2193	ALL	654249.9	4188040	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	1.92E-04
2194	ALL	654230.9	4188080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.83E-04
2195	ALL	654212	4188120	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
2196	ALL	654193	4188159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
2197	ALL	654174.1	4188199	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
2198	ALL	654155.1	4188239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
2199	ALL	654136.2	4188278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04

2200	ALL	654096.8	4188326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	9.94E-05
2201	ALL	654055.9	4188342	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	9.93E-05
2202	ALL	654015	4188358	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2203	ALL	653974.1	4188374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2204	ALL	653933.2	4188390	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2205	ALL	653892.3	4188406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	9.94E-05
2206	ALL	653851.4	4188423	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.71E-05	0.00E+00	0.00E+00	9.71E-05
2207	ALL	654260.9	4187998	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	1.99E-04
2208	ALL	654264.1	4187954	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	2.05E-04
2209	ALL	654267.2	4187909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	2.09E-04
2210	ALL	654350	4188047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
2211	ALL	654331.7	4188085	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
2212	ALL	654313.4	4188123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
2213	ALL	654295.1	4188161	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
2214	ALL	654276.8	4188200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
2215	ALL	654258.5	4188238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
2216	ALL	654240.3	4188276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.39E-05	0.00E+00	0.00E+00	9.39E-05
2217	ALL	654222	4188315	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	8.51E-05
2218	ALL	654203.7	4188353	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	7.85E-05	0.00E+00	0.00E+00	7.85E-05
2219	ALL	654165.7	4188399	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	7.32E-05
2220	ALL	654126.2	4188414	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	7.29E-05
2221	ALL	654086.7	4188430	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	7.35E-05
2222	ALL	654047.3	4188445	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	7.44E-05
2223	ALL	654007.8	4188461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	7.43E-05
2224	ALL	653968.4	4188477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	7.42E-05
2225	ALL	653928.9	4188492	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	7.33E-05
2226	ALL	653889.4	4188508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	7.17E-05	0.00E+00	0.00E+00	7.17E-05
2227	ALL	653850	4188523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	7.06E-05
2228	ALL	654360.7	4188005	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
2229	ALL	654363.8	4187961	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.52E-04
2230	ALL	654367	4187916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	1.54E-04
2231	ALL	654449.5	4188054	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
2232	ALL	654430.9	4188093	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
2233	ALL	654412.2	4188132	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
2234	ALL	654393.5	4188171	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	9.87E-05
2235	ALL	654374.9	4188210	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	9.30E-05
2236	ALL	654356.2	4188249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	8.70E-05	0.00E+00	0.00E+00	8.70E-05
2237	ALL	654337.6	4188288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	8.00E-05
2238	ALL	654318.9	4188328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	7.28E-05
2239	ALL	654300.2	4188367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	6.67E-05
2240	ALL	654281.6	4188406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	6.21E-05
2241	ALL	654262.9	4188445	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	5.84E-05
2242	ALL	654233.4	4188472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	5.65E-05
2243	ALL	654193.2	4188488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	5.62E-05
2244	ALL	654152.9	4188504	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	5.65E-05
2245	ALL	654112.6	4188520	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	5.73E-05
2246	ALL	654072.3	4188536	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	5.74E-05
2247	ALL	654032	4188551	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	5.73E-05
2248	ALL	653991.8	4188567	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	5.72E-05
2249	ALL	653951.5	4188583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	5.63E-05

2250	ALL	653911.2	4188599	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	5.52E-05
2251	ALL	653870.9	4188615	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	5.44E-05
2252	ALL	654460.4	4188012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
2253	ALL	654463.6	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
2254	ALL	654466.7	4187924	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
2255	ALL	654549.1	4188062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	9.08E-05
2256	ALL	654530.2	4188101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	8.90E-05
2257	ALL	654511.2	4188141	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	8.57E-05	0.00E+00	0.00E+00	8.57E-05
2258	ALL	654492.3	4188180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	8.14E-05
2259	ALL	654473.3	4188220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	7.71E-05
2260	ALL	654454.4	4188260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	7.31E-05
2261	ALL	654435.4	4188299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	6.87E-05	0.00E+00	0.00E+00	6.87E-05
2262	ALL	654416.5	4188339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	6.35E-05
2263	ALL	654397.5	4188379	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	5.83E-05
2264	ALL	654378.6	4188418	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	5.40E-05
2265	ALL	654359.6	4188458	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	5.06E-05
2266	ALL	654340.7	4188498	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	4.79E-05
2267	ALL	654301.3	4188545	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-07	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	4.53E-05
2268	ALL	654260.4	4188562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-07	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	4.49E-05
2269	ALL	654219.5	4188578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	4.50E-05
2270	ALL	654178.6	4188594	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	4.57E-05
2271	ALL	654137.7	4188610	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	4.60E-05
2272	ALL	654096.8	4188626	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-07	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	4.58E-05
2273	ALL	654055.9	4188642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-07	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	4.59E-05
2274	ALL	654015	4188658	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-07	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	4.57E-05
2275	ALL	653974.1	4188674	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-07	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	4.49E-05
2276	ALL	653933.2	4188690	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-07	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	4.40E-05
2277	ALL	653892.3	4188706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	4.35E-05
2278	ALL	653851.4	4188723	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	4.30E-05
2279	ALL	654560.2	4188019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	9.23E-05
2280	ALL	654563.3	4187975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	9.41E-05	0.00E+00	0.00E+00	9.41E-05
2281	ALL	654566.5	4187931	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	9.54E-05
2282	ALL	654648.8	4188069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	7.51E-05	0.00E+00	0.00E+00	7.51E-05
2283	ALL	654629.6	4188109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	7.39E-05
2284	ALL	654610.4	4188149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	7.16E-05
2285	ALL	654591.3	4188189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	6.85E-05
2286	ALL	654572.1	4188229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	6.52E-05
2287	ALL	654552.9	4188269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	6.22E-05
2288	ALL	654533.7	4188310	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	5.92E-05
2289	ALL	654514.5	4188350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	5.58E-05
2290	ALL	654495.4	4188390	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	5.19E-05
2291	ALL	654476.2	4188430	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	4.80E-05
2292	ALL	654457	4188470	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-07	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	4.47E-05
2293	ALL	654437.8	4188510	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-07	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	4.21E-05
2294	ALL	654418.7	4188550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	4.01E-05
2295	ALL	654399.5	4188591	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-07	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	3.83E-05
2296	ALL	654369.2	4188619	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-07	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	3.72E-05
2297	ALL	654327.8	4188635	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-07	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2298	ALL	654286.4	4188651	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2299	ALL	654245.1	4188668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	3.74E-05

2300	ALL	654203.7	4188684	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-07	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	3.78E-05
2301	ALL	654162.3	4188700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	3.77E-05
2302	ALL	654120.9	4188716	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	3.76E-05
2303	ALL	654079.5	4188733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	3.77E-05
2304	ALL	654038.1	4188749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	3.74E-05
2305	ALL	653996.7	4188765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-07	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	3.67E-05
2306	ALL	653955.3	4188782	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	3.61E-05
2307	ALL	653914	4188798	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	3.57E-05
2308	ALL	653872.6	4188814	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	3.54E-05
2309	ALL	654659.9	4188027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	7.61E-05	0.00E+00	0.00E+00	7.61E-05
2310	ALL	654663.1	4187982	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	7.73E-05	0.00E+00	0.00E+00	7.73E-05
2311	ALL	654666.2	4187938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	7.83E-05
2312	ALL	654898.4	4188086	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	5.04E-05
2313	ALL	654879.6	4188125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	5.00E-05
2314	ALL	654860.8	4188165	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-07	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	4.91E-05
2315	ALL	654842	4188204	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	4.77E-05
2316	ALL	654823.2	4188243	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-07	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	4.61E-05
2317	ALL	654804.5	4188283	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-07	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	4.44E-05
2318	ALL	654785.7	4188322	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	4.27E-05
2319	ALL	654766.9	4188361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-07	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	4.12E-05
2320	ALL	654748.1	4188400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	3.97E-05
2321	ALL	654729.3	4188440	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	3.80E-05
2322	ALL	654710.6	4188479	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-07	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	3.61E-05
2323	ALL	654691.8	4188518	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-07	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.40E-05
2324	ALL	654673	4188558	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	3.20E-05
2325	ALL	654654.2	4188597	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-07	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	3.03E-05
2326	ALL	654635.4	4188636	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
2327	ALL	654616.7	4188676	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.77E-05
2328	ALL	654597.9	4188715	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-07	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.68E-05
2329	ALL	654579.1	4188754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.60E-05
2330	ALL	654540.1	4188801	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-07	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	2.48E-05
2331	ALL	654499.5	4188817	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-07	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.45E-05
2332	ALL	654459	4188833	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	2.43E-05
2333	ALL	654418.5	4188849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-07	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	2.46E-05
2334	ALL	654377.9	4188865	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2335	ALL	654337.4	4188881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
2336	ALL	654296.9	4188897	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	2.51E-05
2337	ALL	654256.3	4188913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-07	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2338	ALL	654215.8	4188929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2339	ALL	654175.3	4188945	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-07	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	2.51E-05
2340	ALL	654134.7	4188961	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-07	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2341	ALL	654094.2	4188977	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	2.46E-05
2342	ALL	654053.7	4188993	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-07	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	2.42E-05
2343	ALL	654013.1	4189009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.39E-05
2344	ALL	653972.6	4189025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-07	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2345	ALL	653932.1	4189041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	2.36E-05
2346	ALL	653891.6	4189057	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	2.35E-05
2347	ALL	653851	4189073	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
2348	ALL	654909.3	4188044	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	5.08E-05
2349	ALL	654912.5	4188000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	5.14E-05

2350	ALL	654915.6	4187955	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	5.19E-05
2351	ALL	655147.6	4188104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	3.66E-05
2352	ALL	655128.7	4188144	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	3.65E-05
2353	ALL	655109.7	4188183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	3.60E-05
2354	ALL	655090.8	4188223	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.53E-05
2355	ALL	655071.8	4188263	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-07	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	3.44E-05
2356	ALL	655052.9	4188302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-07	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.34E-05
2357	ALL	655033.9	4188342	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-07	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	3.23E-05
2358	ALL	655015	4188382	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-07	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	3.12E-05
2359	ALL	654996	4188421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	3.03E-05
2360	ALL	654977.1	4188461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-07	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	2.94E-05
2361	ALL	654958.1	4188501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	2.86E-05
2362	ALL	654939.2	4188540	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05
2363	ALL	654920.2	4188580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-07	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	2.64E-05
2364	ALL	654901.3	4188619	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
2365	ALL	654882.3	4188659	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.39E-05
2366	ALL	654863.4	4188699	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2367	ALL	654844.4	4188738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.18E-05
2368	ALL	654825.5	4188778	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-07	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.10E-05
2369	ALL	654806.5	4188818	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.03E-05
2370	ALL	654787.6	4188857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	1.97E-05
2371	ALL	654768.6	4188897	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-07	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.92E-05
2372	ALL	654749.7	4188937	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2373	ALL	654710.3	4188984	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2374	ALL	654669.4	4189001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
2375	ALL	654628.5	4189017	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.75E-05
2376	ALL	654587.6	4189033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-07	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2377	ALL	654546.7	4189049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
2378	ALL	654505.8	4189065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2379	ALL	654464.9	4189081	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
2380	ALL	654424	4189097	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2381	ALL	654383.1	4189113	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2382	ALL	654342.2	4189129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2383	ALL	654301.3	4189145	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2384	ALL	654260.4	4189162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
2385	ALL	654219.5	4189178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2386	ALL	654178.6	4189194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
2387	ALL	654137.7	4189210	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2388	ALL	654096.8	4189226	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-07	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.73E-05
2389	ALL	654055.9	4189242	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-07	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2390	ALL	654015	4189258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
2391	ALL	653974.1	4189274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
2392	ALL	653933.2	4189290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2393	ALL	653892.3	4189306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-07	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.68E-05
2394	ALL	653851.4	4189323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2395	ALL	655158.7	4188062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2396	ALL	655161.8	4188017	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	3.71E-05
2397	ALL	655165	4187973	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	3.74E-05
2398	ALL	655397	4188122	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.80E-05
2399	ALL	655377.9	4188162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-07	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	2.79E-05

2400	ALL	655358.8	4188202	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-07	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.77E-05
2401	ALL	655339.7	4188241	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-07	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.73E-05
2402	ALL	655320.7	4188281	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
2403	ALL	655301.6	4188321	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
2404	ALL	655282.5	4188361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.55E-05
2405	ALL	655263.5	4188401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	2.47E-05
2406	ALL	655244.4	4188441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-07	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.40E-05
2407	ALL	655225.3	4188481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05
2408	ALL	655206.3	4188521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2409	ALL	655187.2	4188561	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
2410	ALL	655168.1	4188601	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.17E-05
2411	ALL	655149.1	4188641	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-07	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	2.11E-05
2412	ALL	655130	4188680	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.03E-05
2413	ALL	655110.9	4188720	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.95E-05
2414	ALL	655091.8	4188760	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2415	ALL	655072.8	4188800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.79E-05
2416	ALL	655053.7	4188840	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-07	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2417	ALL	655034.6	4188880	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2418	ALL	655015.6	4188920	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-07	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	1.60E-05
2419	ALL	654996.5	4188960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
2420	ALL	654977.4	4189000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2421	ALL	654958.4	4189040	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.49E-05
2422	ALL	654939.3	4189080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
2423	ALL	654920.2	4189119	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
2424	ALL	654880.6	4189167	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2425	ALL	654839.4	4189184	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2426	ALL	654798.3	4189200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2427	ALL	654757.1	4189216	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2428	ALL	654715.9	4189232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2429	ALL	654674.8	4189248	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2430	ALL	654633.6	4189265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2431	ALL	654592.5	4189281	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2432	ALL	654551.3	4189297	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2433	ALL	654510.2	4189313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2434	ALL	654469	4189329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2435	ALL	654427.8	4189346	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2436	ALL	654386.7	4189362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2437	ALL	654345.5	4189378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2438	ALL	654304.4	4189394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2439	ALL	654263.2	4189410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
2440	ALL	654222.1	4189427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
2441	ALL	654180.9	4189443	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2442	ALL	654139.7	4189459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2443	ALL	654098.6	4189475	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2444	ALL	654057.4	4189491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2445	ALL	654016.3	4189508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2446	ALL	653975.1	4189524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2447	ALL	653934	4189540	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2448	ALL	653892.8	4189556	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05
2449	ALL	653851.7	4189572	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05

2450	ALL	655408.1	4188080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.81E-05
2451	ALL	655411.2	4188035	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-07	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	2.83E-05
2452	ALL	655414.4	4187991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.84E-05
2453	ALL	655646.3	4188139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.22E-05
2454	ALL	655627.1	4188180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.22E-05
2455	ALL	655608	4188220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.21E-05
2456	ALL	655588.8	4188260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-07	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.18E-05
2457	ALL	655569.7	4188300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.15E-05
2458	ALL	655550.5	4188340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	2.11E-05
2459	ALL	655531.3	4188380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-07	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	2.07E-05
2460	ALL	655512.2	4188420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-07	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	2.02E-05
2461	ALL	655493	4188460	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	1.97E-05
2462	ALL	655473.9	4188500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.92E-05
2463	ALL	655454.7	4188540	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2464	ALL	655435.6	4188581	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
2465	ALL	655416.4	4188621	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.79E-05
2466	ALL	655397.2	4188661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2467	ALL	655378.1	4188701	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-07	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2468	ALL	655358.9	4188741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.67E-05
2469	ALL	655339.8	4188781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.62E-05
2470	ALL	655320.6	4188821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
2471	ALL	655301.4	4188861	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
2472	ALL	655282.3	4188901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
2473	ALL	655263.1	4188941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
2474	ALL	655244	4188981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2475	ALL	655224.8	4189022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2476	ALL	655205.7	4189062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2477	ALL	655186.5	4189102	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2478	ALL	655167.3	4189142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-07	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.22E-05
2479	ALL	655148.2	4189182	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
2480	ALL	655129	4189222	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
2481	ALL	655109.9	4189262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
2482	ALL	655090.7	4189302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
2483	ALL	655050.9	4189350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2484	ALL	655009.5	4189367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2485	ALL	654968.2	4189383	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2486	ALL	654926.8	4189399	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
2487	ALL	654885.5	4189416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2488	ALL	654844.2	4189432	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2489	ALL	654802.8	4189448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2490	ALL	654761.5	4189464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2491	ALL	654720.1	4189481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2492	ALL	654678.8	4189497	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2493	ALL	654637.4	4189513	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2494	ALL	654596.1	4189529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2495	ALL	654554.7	4189546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2496	ALL	654513.4	4189562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2497	ALL	654472	4189578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2498	ALL	654430.7	4189595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2499	ALL	654389.3	4189611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05

2500	ALL	654348	4189627	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
2501	ALL	654306.7	4189643	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2502	ALL	654265.3	4189660	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2503	ALL	654224	4189676	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2504	ALL	654182.6	4189692	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2505	ALL	654141.3	4189708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2506	ALL	654099.9	4189725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2507	ALL	654058.6	4189741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2508	ALL	654017.2	4189757	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2509	ALL	653975.9	4189774	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2510	ALL	653934.5	4189790	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2511	ALL	653893.2	4189806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2512	ALL	653851.8	4189822	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	9.92E-06
2513	ALL	655657.4	4188097	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
2514	ALL	655660.6	4188053	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
2515	ALL	655663.7	4188008	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.25E-05
2516	ALL	656145.1	4188175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2517	ALL	656126.1	4188215	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2518	ALL	656107	4188254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2519	ALL	656088	4188294	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
2520	ALL	656069	4188334	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.49E-05
2521	ALL	656049.9	4188374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
2522	ALL	656030.9	4188414	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
2523	ALL	656011.9	4188454	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
2524	ALL	655992.8	4188493	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
2525	ALL	655973.8	4188533	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2526	ALL	655954.8	4188573	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2527	ALL	655935.8	4188613	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
2528	ALL	655916.7	4188653	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2529	ALL	655897.7	4188692	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2530	ALL	655878.7	4188732	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
2531	ALL	655859.6	4188772	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.23E-05
2532	ALL	655840.6	4188812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.21E-05
2533	ALL	655821.6	4188852	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
2534	ALL	655802.5	4188892	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
2535	ALL	655783.5	4188931	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
2536	ALL	655764.5	4188971	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2537	ALL	655745.4	4189011	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2538	ALL	655726.4	4189051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2539	ALL	655707.4	4189091	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2540	ALL	655688.3	4189131	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.00E-05
2541	ALL	655669.3	4189170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	9.73E-06
2542	ALL	655650.3	4189210	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	9.46E-06
2543	ALL	655631.2	4189250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	9.22E-06
2544	ALL	655612.2	4189290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	8.99E-06
2545	ALL	655593.2	4189330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	8.79E-06
2546	ALL	655574.2	4189370	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2547	ALL	655555.1	4189409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.45E-06	0.00E+00	0.00E+00	8.45E-06
2548	ALL	655536.1	4189449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	8.31E-06
2549	ALL	655517.1	4189489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	8.21E-06

2550	ALL	655498	4189529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	8.13E-06
2551	ALL	655479	4189569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	8.06E-06
2552	ALL	655460	4189609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	7.96E-06
2553	ALL	655440.9	4189648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	7.82E-06
2554	ALL	655421.9	4189688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	7.62E-06
2555	ALL	655391.8	4189716	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	7.45E-06
2556	ALL	655350.8	4189732	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	7.34E-06
2557	ALL	655309.7	4189749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	7.23E-06
2558	ALL	655268.6	4189765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.16E-06
2559	ALL	655227.6	4189781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	7.15E-06
2560	ALL	655186.5	4189797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	7.20E-06
2561	ALL	655145.4	4189813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	7.30E-06
2562	ALL	655104.3	4189829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2563	ALL	655063.3	4189846	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	7.50E-06
2564	ALL	655022.2	4189862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.55E-06
2565	ALL	654981.1	4189878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.55E-06
2566	ALL	654940	4189894	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.51E-06	0.00E+00	0.00E+00	7.51E-06
2567	ALL	654899	4189910	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	7.46E-06
2568	ALL	654857.9	4189926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2569	ALL	654816.8	4189943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	7.39E-06
2570	ALL	654775.7	4189959	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2571	ALL	654734.7	4189975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	7.45E-06
2572	ALL	654693.6	4189991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	7.49E-06
2573	ALL	654652.5	4190007	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	7.52E-06
2574	ALL	654611.4	4190023	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	7.53E-06
2575	ALL	654570.4	4190040	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	7.50E-06
2576	ALL	654529.3	4190056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	7.44E-06
2577	ALL	654488.2	4190072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	7.36E-06
2578	ALL	654447.1	4190088	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	7.28E-06
2579	ALL	654406.1	4190104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	7.20E-06
2580	ALL	654365	4190120	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	7.14E-06
2581	ALL	654323.9	4190137	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	7.09E-06
2582	ALL	654282.8	4190153	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
2583	ALL	654241.8	4190169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2584	ALL	654200.7	4190185	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2585	ALL	654159.6	4190201	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
2586	ALL	654118.6	4190217	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
2587	ALL	654077.5	4190234	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
2588	ALL	654036.4	4190250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	7.02E-06
2589	ALL	653995.3	4190266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	6.97E-06
2590	ALL	653954.3	4190282	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	6.91E-06
2591	ALL	653913.2	4190298	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	6.84E-06
2592	ALL	653872.1	4190314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2593	ALL	656156.2	4188133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2594	ALL	656159.3	4188088	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2595	ALL	656162.5	4188044	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
2596	ALL	656643.8	4188210	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2597	ALL	656624.6	4188250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2598	ALL	656605.5	4188290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2599	ALL	656586.3	4188330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05

2600	ALL	656567.2	4188370	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2601	ALL	656548	4188411	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2602	ALL	656528.9	4188451	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
2603	ALL	656509.7	4188491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2604	ALL	656490.6	4188531	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2605	ALL	656471.4	4188571	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2606	ALL	656452.3	4188611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2607	ALL	656433.1	4188651	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2608	ALL	656414	4188691	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	9.94E-06
2609	ALL	656394.8	4188731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	9.76E-06
2610	ALL	656375.7	4188771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-07	0.00E+00	0.00E+00	9.59E-06	0.00E+00	0.00E+00	9.59E-06
2611	ALL	656356.5	4188811	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	9.42E-06	0.00E+00	0.00E+00	9.42E-06
2612	ALL	656337.4	4188851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-07	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	9.27E-06
2613	ALL	656318.2	4188892	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	9.13E-06
2614	ALL	656299	4188932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	9.01E-06
2615	ALL	656279.9	4188972	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.90E-06	0.00E+00	0.00E+00	8.90E-06
2616	ALL	656260.7	4189012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	8.79E-06
2617	ALL	656241.6	4189052	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	8.69E-06
2618	ALL	656222.4	4189092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	8.57E-06
2619	ALL	656203.3	4189132	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.44E-06
2620	ALL	656184.1	4189172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.28E-06	0.00E+00	0.00E+00	8.28E-06
2621	ALL	656165	4189212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	8.11E-06
2622	ALL	656145.8	4189252	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	7.92E-06
2623	ALL	656126.7	4189292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	7.73E-06
2624	ALL	656107.5	4189332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	7.54E-06
2625	ALL	656088.4	4189373	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	7.36E-06
2626	ALL	656069.2	4189413	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	7.18E-06
2627	ALL	656050.1	4189453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	7.01E-06
2628	ALL	656030.9	4189493	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2629	ALL	656011.8	4189533	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.72E-06
2630	ALL	655992.6	4189573	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	6.59E-06
2631	ALL	655973.5	4189613	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.47E-06
2632	ALL	655954.3	4189653	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	6.35E-06
2633	ALL	655935.2	4189693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	6.25E-06
2634	ALL	655916	4189733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	6.16E-06
2635	ALL	655896.9	4189773	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	6.09E-06
2636	ALL	655877.7	4189813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
2637	ALL	655858.5	4189853	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	6.00E-06
2638	ALL	655839.4	4189894	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	5.97E-06
2639	ALL	655820.2	4189934	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.92E-06
2640	ALL	655801.1	4189974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.85E-06
2641	ALL	655781.9	4190014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.75E-06
2642	ALL	655762.8	4190054	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	5.61E-06
2643	ALL	655732.5	4190082	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2644	ALL	655691.2	4190098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.41E-06
2645	ALL	655649.9	4190115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2646	ALL	655608.5	4190131	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.26E-06
2647	ALL	655567.2	4190147	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	5.23E-06
2648	ALL	655525.9	4190163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	5.24E-06
2649	ALL	655484.5	4190180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	5.29E-06

2650	ALL	655443.2	4190196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	5.36E-06
2651	ALL	655401.9	4190212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2652	ALL	655360.5	4190229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	5.50E-06
2653	ALL	655319.2	4190245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2654	ALL	655277.9	4190261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	5.57E-06
2655	ALL	655236.5	4190277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	5.56E-06
2656	ALL	655195.2	4190294	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.53E-06
2657	ALL	655153.9	4190310	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2658	ALL	655112.5	4190326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.45E-06
2659	ALL	655071.2	4190342	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2660	ALL	655029.9	4190359	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	5.42E-06
2661	ALL	654988.5	4190375	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	5.44E-06
2662	ALL	654947.2	4190391	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.47E-06
2663	ALL	654905.9	4190407	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	5.50E-06
2664	ALL	654864.5	4190424	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.53E-06
2665	ALL	654823.2	4190440	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2666	ALL	654781.9	4190456	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2667	ALL	654740.5	4190473	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.52E-06
2668	ALL	654699.2	4190489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	5.48E-06
2669	ALL	654657.9	4190505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2670	ALL	654616.5	4190521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2671	ALL	654575.2	4190538	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2672	ALL	654533.8	4190554	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	5.28E-06
2673	ALL	654492.5	4190570	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	5.25E-06
2674	ALL	654451.2	4190586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	5.22E-06
2675	ALL	654409.8	4190603	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2676	ALL	654368.5	4190619	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2677	ALL	654327.2	4190635	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.17E-06
2678	ALL	654285.8	4190652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2679	ALL	654244.5	4190668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2680	ALL	654203.2	4190684	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.20E-06
2681	ALL	654161.8	4190700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.20E-06
2682	ALL	654120.5	4190717	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2683	ALL	654079.2	4190733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.16E-06
2684	ALL	654037.8	4190749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.13E-06
2685	ALL	653996.5	4190765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2686	ALL	653955.2	4190782	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.05E-06
2687	ALL	653913.8	4190798	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	5.00E-06
2688	ALL	653872.5	4190814	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-08	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.95E-06
2689	ALL	656654.9	4188168	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2690	ALL	656658.1	4188124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2691	ALL	656661.2	4188079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2692	ALL	657142.6	4188245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2693	ALL	657123.5	4188285	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2694	ALL	657104.5	4188325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
2695	ALL	657085.4	4188365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2696	ALL	657066.3	4188405	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2697	ALL	657047.3	4188445	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	8.53E-06
2698	ALL	657028.2	4188485	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
2699	ALL	657009.1	4188525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	8.37E-06

2700	ALL	656990.1	4188565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.28E-06	0.00E+00	0.00E+00	8.28E-06
2701	ALL	656971	4188605	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	8.19E-06
2702	ALL	656951.9	4188644	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.10E-06
2703	ALL	656932.9	4188684	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	8.00E-06
2704	ALL	656913.8	4188724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	7.91E-06
2705	ALL	656894.7	4188764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	7.81E-06
2706	ALL	656875.7	4188804	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.69E-06	0.00E+00	0.00E+00	7.69E-06
2707	ALL	656856.6	4188844	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.58E-06
2708	ALL	656837.6	4188884	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	7.46E-06
2709	ALL	656818.5	4188924	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	7.35E-06
2710	ALL	656799.4	4188964	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	7.24E-06
2711	ALL	656780.4	4189003	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	7.14E-06
2712	ALL	656761.3	4189043	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2713	ALL	656742.2	4189083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	6.96E-06
2714	ALL	656723.2	4189123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2715	ALL	656704.1	4189163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2716	ALL	656685	4189203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2717	ALL	656666	4189243	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.69E-06
2718	ALL	656646.9	4189283	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.62E-06
2719	ALL	656627.8	4189323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	6.53E-06
2720	ALL	656608.8	4189363	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
2721	ALL	656589.7	4189402	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	6.33E-06
2722	ALL	656570.7	4189442	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	6.21E-06
2723	ALL	656551.6	4189482	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	6.09E-06
2724	ALL	656532.5	4189522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	5.96E-06
2725	ALL	656513.5	4189562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	5.84E-06
2726	ALL	656494.4	4189602	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	5.72E-06
2727	ALL	656475.3	4189642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	5.60E-06
2728	ALL	656456.3	4189682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2729	ALL	656437.2	4189722	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2730	ALL	656418.1	4189762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	5.29E-06
2731	ALL	656399.1	4189801	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2732	ALL	656380	4189841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2733	ALL	656360.9	4189881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	5.03E-06
2734	ALL	656341.9	4189921	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-08	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.95E-06
2735	ALL	656322.8	4189961	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-08	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	4.88E-06
2736	ALL	656303.7	4190001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-08	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.82E-06
2737	ALL	656284.7	4190041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-08	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	4.76E-06
2738	ALL	656265.6	4190081	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-08	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	4.72E-06
2739	ALL	656246.6	4190121	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-08	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	4.69E-06
2740	ALL	656227.5	4190160	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-08	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.66E-06
2741	ALL	656208.4	4190200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-08	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.65E-06
2742	ALL	656189.4	4190240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-08	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	4.63E-06
2743	ALL	656170.3	4190280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-08	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	4.60E-06
2744	ALL	656151.2	4190320	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-08	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.55E-06
2745	ALL	656132.2	4190360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-08	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.48E-06
2746	ALL	656113.1	4190400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-08	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	4.39E-06
2747	ALL	656073.5	4190448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-08	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	4.26E-06
2748	ALL	656032.3	4190464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-08	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.19E-06
2749	ALL	655991.2	4190480	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-08	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.13E-06

2750	ALL	655950	4190496	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-08	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2751	ALL	655908.9	4190513	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-08	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.05E-06
2752	ALL	655867.7	4190529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-08	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2753	ALL	655826.6	4190545	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-08	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.05E-06
2754	ALL	655785.5	4190561	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-08	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2755	ALL	655744.3	4190577	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-08	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.13E-06
2756	ALL	655703.2	4190594	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-08	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2757	ALL	655662	4190610	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-08	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.24E-06
2758	ALL	655620.9	4190626	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-08	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2759	ALL	655579.7	4190642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-08	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	4.30E-06
2760	ALL	655538.6	4190658	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-08	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	4.31E-06
2761	ALL	655497.4	4190675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-08	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	4.30E-06
2762	ALL	655456.3	4190691	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-08	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2763	ALL	655415.1	4190707	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-08	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	4.25E-06
2764	ALL	655374	4190723	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-08	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2765	ALL	655332.9	4190739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-08	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	4.20E-06
2766	ALL	655291.7	4190756	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-08	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2767	ALL	655250.6	4190772	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-08	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2768	ALL	655209.4	4190788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-08	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	4.20E-06
2769	ALL	655168.3	4190804	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-08	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2770	ALL	655127.1	4190820	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-08	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.24E-06
2771	ALL	655086	4190837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-08	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	4.27E-06
2772	ALL	655044.8	4190853	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-08	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2773	ALL	655003.7	4190869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-08	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	4.29E-06
2774	ALL	654962.6	4190885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-08	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	4.29E-06
2775	ALL	654921.4	4190901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-08	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2776	ALL	654880.3	4190918	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-08	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	4.25E-06
2777	ALL	654839.1	4190934	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-08	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2778	ALL	654798	4190950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-08	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2779	ALL	654756.8	4190966	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-08	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.14E-06
2780	ALL	654715.7	4190982	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	4.11E-06
2781	ALL	654674.5	4190999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-08	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	4.09E-06
2782	ALL	654633.4	4191015	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-08	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.06E-06
2783	ALL	654592.2	4191031	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-08	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	4.04E-06
2784	ALL	654551.1	4191047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-08	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2785	ALL	654510	4191063	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-08	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2786	ALL	654468.8	4191080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-08	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2787	ALL	654427.7	4191096	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-08	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2788	ALL	654386.5	4191112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-08	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2789	ALL	654345.4	4191128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-08	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2790	ALL	654304.2	4191144	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-08	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2791	ALL	654263.1	4191161	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-08	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2792	ALL	654221.9	4191177	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-08	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2793	ALL	654180.8	4191193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-08	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2794	ALL	654139.7	4191209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-08	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2795	ALL	654098.5	4191225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-08	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	3.98E-06
2796	ALL	654057.4	4191241	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-08	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.96E-06
2797	ALL	654016.2	4191258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-08	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.93E-06
2798	ALL	653975.1	4191274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-08	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	3.90E-06
2799	ALL	653933.9	4191290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-08	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.86E-06

2800	ALL	653892.8	4191306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-08	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.83E-06
2801	ALL	653851.6	4191322	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-08	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	3.79E-06
2802	ALL	657153.7	4188203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2803	ALL	657156.8	4188159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	8.59E-06
2804	ALL	657160	4188114	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.60E-06	0.00E+00	0.00E+00	8.60E-06
2805	ALL	657641.3	4188281	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2806	ALL	657622.1	4188321	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2807	ALL	657603	4188361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2808	ALL	657583.8	4188401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2809	ALL	657564.7	4188441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2810	ALL	657545.5	4188481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2811	ALL	657526.4	4188521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2812	ALL	657507.2	4188561	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2813	ALL	657488.1	4188601	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
2814	ALL	657468.9	4188642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.63E-06
2815	ALL	657449.8	4188682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.57E-06
2816	ALL	657430.6	4188722	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.50E-06
2817	ALL	657411.5	4188762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
2818	ALL	657392.3	4188802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	6.37E-06
2819	ALL	657373.2	4188842	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	6.31E-06
2820	ALL	657354	4188882	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	6.23E-06
2821	ALL	657334.9	4188922	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	6.16E-06
2822	ALL	657315.7	4188962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.07E-06
2823	ALL	657296.6	4189002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	5.99E-06
2824	ALL	657277.4	4189042	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	5.91E-06
2825	ALL	657258.3	4189082	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.83E-06
2826	ALL	657239.1	4189122	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.75E-06
2827	ALL	657220	4189163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.68E-06
2828	ALL	657200.8	4189203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	5.62E-06
2829	ALL	657181.7	4189243	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	5.56E-06
2830	ALL	657162.6	4189283	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.51E-06
2831	ALL	657143.4	4189323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.47E-06
2832	ALL	657124.3	4189363	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	5.42E-06
2833	ALL	657105.1	4189403	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2834	ALL	657086	4189443	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2835	ALL	657066.8	4189483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	5.28E-06
2836	ALL	657047.7	4189523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	5.22E-06
2837	ALL	657028.5	4189563	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.16E-06
2838	ALL	657009.4	4189603	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.08E-06
2839	ALL	656990.2	4189643	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	5.00E-06
2840	ALL	656971.1	4189683	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-08	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.92E-06
2841	ALL	656951.9	4189724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-08	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	4.83E-06
2842	ALL	656932.8	4189764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-08	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	4.74E-06
2843	ALL	656913.6	4189804	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-08	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.66E-06
2844	ALL	656894.5	4189844	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-08	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	4.57E-06
2845	ALL	656875.3	4189884	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-08	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	4.49E-06
2846	ALL	656856.2	4189924	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-08	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.41E-06
2847	ALL	656837	4189964	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-08	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	4.34E-06
2848	ALL	656817.9	4190004	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-08	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	4.27E-06
2849	ALL	656798.7	4190044	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-08	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	4.20E-06

2850	ALL	656779.6	4190084	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-08	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.14E-06
2851	ALL	656760.4	4190124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-08	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2852	ALL	656741.3	4190164	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-08	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2853	ALL	656722.1	4190204	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-08	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	3.97E-06
2854	ALL	656703	4190245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-08	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.92E-06
2855	ALL	656683.8	4190285	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-08	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	3.88E-06
2856	ALL	656664.7	4190325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-08	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.84E-06
2857	ALL	656645.5	4190365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-08	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.80E-06
2858	ALL	656626.4	4190405	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-08	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2859	ALL	656607.2	4190445	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	3.76E-06
2860	ALL	656588.1	4190485	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-08	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	3.75E-06
2861	ALL	656568.9	4190525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-08	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.74E-06
2862	ALL	656549.8	4190565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-08	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.73E-06
2863	ALL	656530.6	4190605	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-08	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	3.71E-06
2864	ALL	656511.5	4190645	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-08	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	3.68E-06
2865	ALL	656492.3	4190685	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-08	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.64E-06
2866	ALL	656473.2	4190725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-08	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	3.59E-06
2867	ALL	656454	4190766	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-08	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.52E-06
2868	ALL	656414.2	4190814	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-08	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2869	ALL	656372.9	4190830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-08	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	3.37E-06
2870	ALL	656331.5	4190846	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-08	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.32E-06
2871	ALL	656290.2	4190863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-08	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.28E-06
2872	ALL	656248.9	4190879	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-08	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.25E-06
2873	ALL	656207.6	4190895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2874	ALL	656166.2	4190911	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2875	ALL	656124.9	4190928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-08	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.24E-06
2876	ALL	656083.6	4190944	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-08	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.27E-06
2877	ALL	656042.2	4190960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-08	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	3.30E-06
2878	ALL	656000.9	4190976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-08	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2879	ALL	655959.6	4190993	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-08	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2880	ALL	655918.3	4191009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-08	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2881	ALL	655876.9	4191025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-08	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2882	ALL	655835.6	4191042	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-08	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	3.46E-06
2883	ALL	655794.3	4191058	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-08	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	3.46E-06
2884	ALL	655752.9	4191074	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-08	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2885	ALL	655711.6	4191090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-08	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2886	ALL	655670.3	4191107	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-08	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.41E-06
2887	ALL	655629	4191123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-08	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2888	ALL	655587.6	4191139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-08	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2889	ALL	655546.3	4191155	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-08	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2890	ALL	655505	4191172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-08	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	3.34E-06
2891	ALL	655463.6	4191188	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-08	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2892	ALL	655422.3	4191204	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-08	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2893	ALL	655381	4191220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-08	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	3.38E-06
2894	ALL	655339.7	4191237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-08	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.40E-06
2895	ALL	655298.3	4191253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-08	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2896	ALL	655257	4191269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-08	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2897	ALL	655215.7	4191286	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-08	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	3.44E-06
2898	ALL	655174.3	4191302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-08	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2899	ALL	655133	4191318	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-08	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	3.44E-06

2900	ALL	655091.7	4191334	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-08	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2901	ALL	655050.4	4191351	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-08	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.41E-06
2902	ALL	655009	4191367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-08	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2903	ALL	654967.7	4191383	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-08	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2904	ALL	654926.4	4191399	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-08	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	3.34E-06
2905	ALL	654885	4191416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-08	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	3.31E-06
2906	ALL	654843.7	4191432	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-08	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.29E-06
2907	ALL	654802.4	4191448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-08	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.27E-06
2908	ALL	654761.1	4191464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-08	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	3.26E-06
2909	ALL	654719.7	4191481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-08	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.24E-06
2910	ALL	654678.4	4191497	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2911	ALL	654637.1	4191513	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-08	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2912	ALL	654595.7	4191530	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-08	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2913	ALL	654554.4	4191546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-08	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2914	ALL	654513.1	4191562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-08	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2915	ALL	654471.8	4191578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-08	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2916	ALL	654430.4	4191595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-08	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2917	ALL	654389.1	4191611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2918	ALL	654347.8	4191627	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2919	ALL	654306.4	4191643	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2920	ALL	654265.1	4191660	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-08	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2921	ALL	654223.8	4191676	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-08	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2922	ALL	654182.5	4191692	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-08	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2923	ALL	654141.1	4191709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-08	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.19E-06
2924	ALL	654099.8	4191725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-08	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.18E-06
2925	ALL	654058.5	4191741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-08	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2926	ALL	654017.1	4191757	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-08	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.14E-06
2927	ALL	653975.8	4191774	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-08	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2928	ALL	653934.5	4191790	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.09E-06
2929	ALL	653893.2	4191806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-08	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.06E-06
2930	ALL	653851.8	4191822	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-08	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.04E-06
2931	ALL	657652.4	4188239	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	6.85E-06
2932	ALL	657655.6	4188194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2933	ALL	657658.7	4188150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	6.87E-06
2934	ALL	653819	4187853	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
2935	ALL	653794.3	4187852	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
2936	ALL	653769.5	4187851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
2937	ALL	653744.7	4187851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2938	ALL	653719.9	4187850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2939	ALL	653695.1	4187849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2940	ALL	653837.6	4187836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
2941	ALL	653794.9	4187827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2942	ALL	653770.1	4187826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
2943	ALL	653745.4	4187826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2944	ALL	653720.6	4187825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2945	ALL	653695.8	4187824	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
2946	ALL	653838.2	4187811	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2947	ALL	653880.3	4187846	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2948	ALL	653795.6	4187802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2949	ALL	653770.8	4187801	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03

2950	ALL	653746	4187801	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	9.75E-04
2951	ALL	653721.3	4187800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	9.32E-04	0.00E+00	0.00E+00	9.32E-04
2952	ALL	653696.5	4187799	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
2953	ALL	653838.9	4187786	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
2954	ALL	653874.6	4187802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	9.53E-04
2955	ALL	653898.9	4187829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2956	ALL	653796.3	4187777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.51E-04
2957	ALL	653771.5	4187776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	8.09E-04
2958	ALL	653746.7	4187776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04
2959	ALL	653721.9	4187775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	7.32E-04
2960	ALL	653697.1	4187774	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	7.16E-04
2961	ALL	653843.8	4187738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
2962	ALL	653865.2	4187747	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04
2963	ALL	653886.6	4187757	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2964	ALL	653908.1	4187767	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
2965	ALL	653937.2	4187799	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	7.53E-04
2966	ALL	653944.9	4187821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	8.16E-04
2967	ALL	653952.6	4187844	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	8.56E-04	0.00E+00	0.00E+00	8.56E-04
2968	ALL	653960.3	4187866	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
2969	ALL	653822.4	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	5.75E-04
2970	ALL	653797.6	4187727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
2971	ALL	653772.8	4187726	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
2972	ALL	653748	4187726	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
2973	ALL	653723.3	4187725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
2974	ALL	653698.5	4187724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
2975	ALL	653844.1	4187687	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-06	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
2976	ALL	653884.9	4187706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
2977	ALL	653905.3	4187715	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
2978	ALL	653946.1	4187734	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
2979	ALL	653973.8	4187764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04
2980	ALL	653988.5	4187807	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
2981	ALL	654003.2	4187849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	6.43E-04
2982	ALL	653798.9	4187677	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
2983	ALL	653774.2	4187676	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
2984	ALL	653749.4	4187676	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2985	ALL	653724.6	4187675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2986	ALL	653699.8	4187674	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2987	ALL	653847.4	4187638	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	3.31E-04
2988	ALL	653869.7	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
2989	ALL	653892	4187658	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2990	ALL	653914.3	4187669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
2991	ALL	653936.6	4187679	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
2992	ALL	653958.9	4187689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
2993	ALL	653981.2	4187699	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
2994	ALL	654011.6	4187733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
2995	ALL	654019.6	4187756	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
2996	ALL	654027.6	4187779	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
2997	ALL	654035.6	4187802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
2998	ALL	654043.7	4187826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
2999	ALL	654051.7	4187849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04

3000	ALL	654059.7	4187872	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
3001	ALL	653825	4187628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	3.09E-04
3002	ALL	653800.3	4187627	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.99E-04
3003	ALL	653775.5	4187626	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	2.86E-04
3004	ALL	653750.7	4187626	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	2.75E-04
3005	ALL	653725.9	4187625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	2.70E-04
3006	ALL	653701.2	4187624	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	2.70E-04
3007	ALL	653847.8	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	2.57E-04
3008	ALL	653869.2	4187597	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	2.71E-04
3009	ALL	653890.6	4187607	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	2.84E-04
3010	ALL	653912.1	4187617	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	2.91E-04
3011	ALL	653933.5	4187627	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
3012	ALL	653954.9	4187637	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
3013	ALL	653976.3	4187647	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
3014	ALL	653997.7	4187656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	3.11E-04
3015	ALL	654019.2	4187666	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
3016	ALL	654048.3	4187698	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
3017	ALL	654056	4187721	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
3018	ALL	654063.7	4187743	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
3019	ALL	654071.4	4187765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
3020	ALL	654079.1	4187787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
3021	ALL	654086.8	4187810	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
3022	ALL	654094.5	4187832	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
3023	ALL	654102.2	4187854	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
3024	ALL	654109.9	4187877	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
3025	ALL	653826.4	4187578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	2.41E-04
3026	ALL	653801.6	4187577	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	2.34E-04
3027	ALL	653776.8	4187576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	2.24E-04
3028	ALL	653752	4187576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3029	ALL	653727.3	4187575	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	2.13E-04
3030	ALL	653702.5	4187574	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	2.14E-04
3031	ALL	653848.5	4187537	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	2.05E-04
3032	ALL	653869.4	4187547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3033	ALL	653890.2	4187556	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	2.26E-04
3034	ALL	653911	4187566	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	2.35E-04
3035	ALL	653931.8	4187576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	2.40E-04
3036	ALL	653952.7	4187585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	2.42E-04
3037	ALL	653973.5	4187595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	2.44E-04
3038	ALL	653994.3	4187604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	2.47E-04
3039	ALL	654015.1	4187614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	2.52E-04
3040	ALL	654036	4187623	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	2.57E-04
3041	ALL	654056.8	4187633	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	2.60E-04
3042	ALL	654085.1	4187664	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	2.76E-04
3043	ALL	654092.6	4187686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	2.90E-04
3044	ALL	654100.1	4187707	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
3045	ALL	654107.6	4187729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
3046	ALL	654115.1	4187751	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
3047	ALL	654122.6	4187772	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
3048	ALL	654130	4187794	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
3049	ALL	654137.5	4187816	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04

3050	ALL	654145	4187837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
3051	ALL	654152.5	4187859	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
3052	ALL	654160	4187881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	3.10E-04
3053	ALL	653827.7	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	1.94E-04
3054	ALL	653802.9	4187527	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	1.88E-04
3055	ALL	653778.2	4187526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
3056	ALL	653753.4	4187526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3057	ALL	653728.6	4187525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3058	ALL	653703.8	4187524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3059	ALL	653851.8	4187438	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
3060	ALL	653873.2	4187447	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.48E-04
3061	ALL	653894.6	4187457	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
3062	ALL	653916.1	4187467	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.61E-04
3063	ALL	653937.5	4187477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	1.67E-04
3064	ALL	653958.9	4187487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3065	ALL	653980.3	4187497	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3066	ALL	654001.7	4187506	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3067	ALL	654023.2	4187516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3068	ALL	654044.6	4187526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3069	ALL	654066	4187536	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	1.79E-04
3070	ALL	654087.4	4187546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	1.82E-04
3071	ALL	654108.8	4187556	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	1.85E-04
3072	ALL	654130.3	4187565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	1.86E-04
3073	ALL	654159.4	4187598	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
3074	ALL	654167.1	4187620	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	2.04E-04
3075	ALL	654174.8	4187642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	2.13E-04
3076	ALL	654182.5	4187664	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	2.20E-04
3077	ALL	654190.2	4187687	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	2.26E-04
3078	ALL	654197.9	4187709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	2.30E-04
3079	ALL	654205.6	4187731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	2.33E-04
3080	ALL	654213.3	4187753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	2.34E-04
3081	ALL	654221	4187776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	2.33E-04
3082	ALL	654228.7	4187798	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	2.31E-04
3083	ALL	654236.4	4187820	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	2.28E-04
3084	ALL	654244.1	4187843	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	2.25E-04
3085	ALL	654251.8	4187865	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	2.21E-04
3086	ALL	654259.5	4187887	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3087	ALL	653830.4	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3088	ALL	653805.6	4187427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3089	ALL	653780.8	4187426	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3090	ALL	653756	4187426	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3091	ALL	653731.3	4187425	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
3092	ALL	653706.5	4187424	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
3093	ALL	653854.9	4187338	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3094	ALL	653876.7	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
3095	ALL	653898.5	4187358	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
3096	ALL	653920.3	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
3097	ALL	653942.1	4187378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
3098	ALL	653964	4187388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
3099	ALL	653985.8	4187398	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04

3100	ALL	654007.6	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3101	ALL	654029.4	4187418	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3102	ALL	654051.2	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3103	ALL	654073	4187438	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3104	ALL	654094.9	4187448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
3105	ALL	654116.7	4187458	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
3106	ALL	654138.5	4187468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3107	ALL	654160.3	4187478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
3108	ALL	654182.1	4187488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
3109	ALL	654203.9	4187498	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
3110	ALL	654233.6	4187531	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.47E-04
3111	ALL	654241.4	4187553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	1.53E-04
3112	ALL	654249.3	4187576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
3113	ALL	654257.1	4187599	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	1.63E-04
3114	ALL	654265	4187622	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	1.68E-04
3115	ALL	654272.8	4187644	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3116	ALL	654280.7	4187667	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3117	ALL	654288.5	4187690	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3118	ALL	654296.4	4187712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3119	ALL	654304.2	4187735	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3120	ALL	654312.1	4187758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	1.75E-04
3121	ALL	654319.9	4187780	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3122	ALL	654327.8	4187803	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3123	ALL	654335.6	4187826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.69E-04
3124	ALL	654343.5	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	1.67E-04
3125	ALL	654351.3	4187871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	1.64E-04
3126	ALL	654359.1	4187894	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.59E-04
3127	ALL	653833.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	9.94E-05
3128	ALL	653808.3	4187327	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	9.66E-05
3129	ALL	653783.5	4187326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.40E-05	0.00E+00	0.00E+00	9.40E-05
3130	ALL	653758.7	4187326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	9.19E-05
3131	ALL	653733.9	4187325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	9.09E-05
3132	ALL	653709.2	4187325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	9.11E-05
3133	ALL	653857.8	4187238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	8.02E-05
3134	ALL	653879.9	4187248	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	8.35E-05
3135	ALL	653902	4187258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	8.64E-05
3136	ALL	653924.1	4187268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	8.93E-05
3137	ALL	653946.2	4187279	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	9.22E-05
3138	ALL	653968.3	4187289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	9.52E-05	0.00E+00	0.00E+00	9.52E-05
3139	ALL	653990.4	4187299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	9.81E-05
3140	ALL	654012.5	4187309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3141	ALL	654034.6	4187319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.02E-04
3142	ALL	654056.7	4187329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3143	ALL	654078.8	4187339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3144	ALL	654100.9	4187350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3145	ALL	654123	4187360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3146	ALL	654145.1	4187370	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3147	ALL	654167.2	4187380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
3148	ALL	654189.3	4187390	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
3149	ALL	654211.4	4187400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04

3150	ALL	654233.5	4187410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3151	ALL	654255.6	4187421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3152	ALL	654277.7	4187431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3153	ALL	654307.8	4187464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	1.15E-04
3154	ALL	654315.7	4187487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
3155	ALL	654323.7	4187510	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3156	ALL	654331.6	4187533	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3157	ALL	654339.6	4187556	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
3158	ALL	654347.5	4187579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
3159	ALL	654355.5	4187602	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3160	ALL	654363.4	4187625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3161	ALL	654371.4	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3162	ALL	654379.3	4187671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3163	ALL	654387.3	4187694	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3164	ALL	654395.2	4187717	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3165	ALL	654403.2	4187740	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3166	ALL	654411.1	4187763	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3167	ALL	654419	4187786	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
3168	ALL	654427	4187809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
3169	ALL	654434.9	4187832	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3170	ALL	654442.9	4187855	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.29E-04
3171	ALL	654450.8	4187878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3172	ALL	654458.8	4187901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3173	ALL	653835.7	4187228	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	7.68E-05
3174	ALL	653810.9	4187227	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	7.48E-05
3175	ALL	653786.2	4187227	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	7.31E-05
3176	ALL	653761.4	4187226	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	7.17E-05	0.00E+00	0.00E+00	7.17E-05
3177	ALL	653736.6	4187225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	7.09E-05
3178	ALL	653711.8	4187225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	7.10E-05
3179	ALL	653860.7	4187138	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	6.39E-05
3180	ALL	653883	4187148	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	6.64E-05
3181	ALL	653905.3	4187159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	6.86E-05
3182	ALL	653927.6	4187169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	7.07E-05
3183	ALL	653950	4187179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	7.28E-05
3184	ALL	653972.3	4187189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	7.49E-05
3185	ALL	653994.6	4187200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	7.71E-05
3186	ALL	654016.9	4187210	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	7.92E-05	0.00E+00	0.00E+00	7.92E-05
3187	ALL	654039.2	4187220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	8.12E-05
3188	ALL	654061.5	4187230	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	8.28E-05
3189	ALL	654083.8	4187241	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	8.37E-05
3190	ALL	654106.1	4187251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	8.40E-05
3191	ALL	654128.5	4187261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	8.38E-05
3192	ALL	654150.8	4187271	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.34E-05	0.00E+00	0.00E+00	8.34E-05
3193	ALL	654173.1	4187282	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	8.33E-05
3194	ALL	654195.4	4187292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	8.37E-05
3195	ALL	654217.7	4187302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	8.46E-05
3196	ALL	654240	4187312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	8.58E-05
3197	ALL	654262.3	4187323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	8.71E-05
3198	ALL	654284.6	4187333	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	8.83E-05
3199	ALL	654307	4187343	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	8.92E-05	0.00E+00	0.00E+00	8.92E-05

3200	ALL	654329.3	4187353	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	8.96E-05
3201	ALL	654351.6	4187364	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	8.97E-05
3202	ALL	654381.9	4187397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.25E-05	0.00E+00	0.00E+00	9.25E-05
3203	ALL	654389.9	4187420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	9.55E-05
3204	ALL	654398	4187443	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	9.84E-05
3205	ALL	654406	4187467	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3206	ALL	654414	4187490	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3207	ALL	654422	4187513	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
3208	ALL	654430.1	4187536	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
3209	ALL	654438.1	4187559	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3210	ALL	654446.1	4187583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3211	ALL	654454.1	4187606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3212	ALL	654462.2	4187629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3213	ALL	654470.2	4187652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3214	ALL	654478.2	4187675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3215	ALL	654486.2	4187699	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3216	ALL	654494.3	4187722	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3217	ALL	654502.3	4187745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.09E-04
3218	ALL	654510.3	4187768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
3219	ALL	654518.3	4187791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
3220	ALL	654526.4	4187815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
3221	ALL	654534.4	4187838	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
3222	ALL	654542.4	4187861	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3223	ALL	654550.4	4187884	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3224	ALL	654558.5	4187907	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	9.81E-05
3225	ALL	653838.4	4187128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	6.14E-05
3226	ALL	653813.6	4187127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	6.00E-05
3227	ALL	653788.8	4187127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	5.87E-05
3228	ALL	653764.1	4187126	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	5.77E-05
3229	ALL	653739.3	4187125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3230	ALL	653714.5	4187125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3231	ALL	653863.5	4187038	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	5.23E-05
3232	ALL	653886	4187049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	5.42E-05
3233	ALL	653908.5	4187059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	5.60E-05
3234	ALL	653931	4187069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	5.76E-05
3235	ALL	653953.5	4187080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	5.92E-05
3236	ALL	653975.9	4187090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	6.07E-05
3237	ALL	653998.4	4187100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	6.22E-05
3238	ALL	654020.9	4187110	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	6.39E-05
3239	ALL	654043.4	4187121	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	6.55E-05
3240	ALL	654065.8	4187131	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	6.71E-05
3241	ALL	654088.3	4187141	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	6.84E-05
3242	ALL	654110.8	4187152	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	6.93E-05
3243	ALL	654133.3	4187162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	6.98E-05
3244	ALL	654155.8	4187172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	6.98E-05
3245	ALL	654178.2	4187183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	6.95E-05
3246	ALL	654200.7	4187193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	6.92E-05
3247	ALL	654223.2	4187203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	6.90E-05	0.00E+00	0.00E+00	6.90E-05
3248	ALL	654245.7	4187214	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	6.93E-05
3249	ALL	654268.1	4187224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	6.99E-05

3250	ALL	654290.6	4187234	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	7.08E-05	0.00E+00	0.00E+00	7.08E-05
3251	ALL	654313.1	4187245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	7.18E-05	0.00E+00	0.00E+00	7.18E-05
3252	ALL	654335.6	4187255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	7.28E-05
3253	ALL	654358.1	4187265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	7.36E-05
3254	ALL	654380.5	4187276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	7.41E-05
3255	ALL	654403	4187286	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	7.44E-05
3256	ALL	654425.5	4187296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	7.44E-05
3257	ALL	654456.1	4187330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	7.64E-05
3258	ALL	654464.1	4187353	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	7.87E-05	0.00E+00	0.00E+00	7.87E-05
3259	ALL	654472.2	4187377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	8.09E-05
3260	ALL	654480.3	4187400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	8.29E-05
3261	ALL	654488.4	4187423	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	8.49E-05
3262	ALL	654496.5	4187447	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	8.67E-05	0.00E+00	0.00E+00	8.67E-05
3263	ALL	654504.6	4187470	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	8.83E-05
3264	ALL	654512.6	4187494	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	8.98E-05
3265	ALL	654520.7	4187517	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	9.09E-05
3266	ALL	654528.8	4187540	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.18E-05	0.00E+00	0.00E+00	9.18E-05
3267	ALL	654536.9	4187564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.24E-05	0.00E+00	0.00E+00	9.24E-05
3268	ALL	654545	4187587	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	9.27E-05
3269	ALL	654553.1	4187610	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	9.28E-05
3270	ALL	654561.1	4187634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	9.26E-05
3271	ALL	654569.2	4187657	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	9.21E-05
3272	ALL	654577.3	4187681	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	9.16E-05
3273	ALL	654585.4	4187704	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	9.10E-05
3274	ALL	654593.5	4187727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	9.03E-05	0.00E+00	0.00E+00	9.03E-05
3275	ALL	654601.6	4187751	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	8.97E-05
3276	ALL	654609.7	4187774	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	8.91E-05
3277	ALL	654617.7	4187797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	8.82E-05	0.00E+00	0.00E+00	8.82E-05
3278	ALL	654625.8	4187821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	8.72E-05	0.00E+00	0.00E+00	8.72E-05
3279	ALL	654633.9	4187844	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	8.58E-05
3280	ALL	654642	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	8.42E-05
3281	ALL	654650.1	4187891	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	8.23E-05	0.00E+00	0.00E+00	8.23E-05
3282	ALL	654658.2	4187914	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	8.03E-05
3283	ALL	653841.1	4187028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	5.03E-05
3284	ALL	653816.3	4187027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	4.93E-05
3285	ALL	653791.5	4187027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-07	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	4.84E-05
3286	ALL	653766.7	4187026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-07	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	4.77E-05
3287	ALL	653742	4187025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3288	ALL	653717.2	4187025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3289	ALL	653870.2	4186788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3290	ALL	653892.6	4186799	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	3.55E-05
3291	ALL	653915.1	4186809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-07	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3292	ALL	653937.5	4186819	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-07	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	3.76E-05
3293	ALL	653959.9	4186830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	3.85E-05
3294	ALL	653982.4	4186840	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-07	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3295	ALL	654004.8	4186850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	4.01E-05
3296	ALL	654027.3	4186860	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	4.09E-05
3297	ALL	654049.7	4186871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-07	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	4.17E-05
3298	ALL	654072.1	4186881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-07	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	4.25E-05
3299	ALL	654094.6	4186891	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-07	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	4.34E-05

3300	ALL	654117	4186902	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-07	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	4.43E-05
3301	ALL	654139.5	4186912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-07	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	4.52E-05
3302	ALL	654161.9	4186922	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	4.60E-05
3303	ALL	654184.3	4186933	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-07	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3304	ALL	654206.8	4186943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3305	ALL	654229.2	4186953	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	4.74E-05
3306	ALL	654251.7	4186963	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	4.74E-05
3307	ALL	654274.1	4186974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	4.73E-05
3308	ALL	654296.5	4186984	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	4.70E-05
3309	ALL	654319	4186994	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3310	ALL	654341.4	4187005	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-07	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	4.66E-05
3311	ALL	654363.9	4187015	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	4.65E-05
3312	ALL	654386.3	4187025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-07	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3313	ALL	654408.7	4187036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	4.71E-05
3314	ALL	654431.2	4187046	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	4.77E-05
3315	ALL	654453.6	4187056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-07	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	4.82E-05
3316	ALL	654476.1	4187066	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	4.88E-05
3317	ALL	654498.5	4187077	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	4.93E-05
3318	ALL	654520.9	4187087	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	4.97E-05
3319	ALL	654543.4	4187097	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	5.01E-05
3320	ALL	654565.8	4187108	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	5.02E-05
3321	ALL	654588.3	4187118	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	5.03E-05
3322	ALL	654610.7	4187128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	5.02E-05
3323	ALL	654641.2	4187162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	5.13E-05
3324	ALL	654649.3	4187185	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	5.25E-05
3325	ALL	654657.4	4187209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	5.36E-05
3326	ALL	654665.4	4187232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	5.48E-05
3327	ALL	654673.5	4187255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	5.59E-05
3328	ALL	654681.6	4187279	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	5.69E-05
3329	ALL	654689.6	4187302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	5.79E-05
3330	ALL	654697.7	4187325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	5.88E-05
3331	ALL	654705.8	4187349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	5.97E-05
3332	ALL	654713.9	4187372	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	6.05E-05
3333	ALL	654721.9	4187395	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	6.11E-05
3334	ALL	654730	4187419	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	6.16E-05
3335	ALL	654738.1	4187442	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	6.21E-05
3336	ALL	654746.1	4187465	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	6.24E-05	0.00E+00	0.00E+00	6.24E-05
3337	ALL	654754.2	4187489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	6.26E-05
3338	ALL	654762.3	4187512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	6.26E-05
3339	ALL	654770.3	4187535	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	6.25E-05
3340	ALL	654778.4	4187559	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	6.23E-05
3341	ALL	654786.5	4187582	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	6.20E-05
3342	ALL	654794.6	4187605	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	6.17E-05
3343	ALL	654802.6	4187629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	6.14E-05
3344	ALL	654810.7	4187652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	6.11E-05
3345	ALL	654818.8	4187675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	6.08E-05
3346	ALL	654826.8	4187699	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	6.05E-05
3347	ALL	654834.9	4187722	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	6.02E-05
3348	ALL	654843	4187745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	5.98E-05
3349	ALL	654851	4187769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	5.94E-05

3350	ALL	654859.1	4187792	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	5.88E-05
3351	ALL	654867.2	4187815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	5.81E-05	0.00E+00	0.00E+00	5.81E-05
3352	ALL	654875.3	4187839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3353	ALL	654883.3	4187862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	5.62E-05
3354	ALL	654891.4	4187885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	5.51E-05
3355	ALL	654899.5	4187909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	5.40E-05
3356	ALL	654907.5	4187932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	5.29E-05
3357	ALL	653847.7	4186778	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-07	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3358	ALL	653823	4186777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-07	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	3.28E-05
3359	ALL	653798.2	4186777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-07	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	3.24E-05
3360	ALL	653773.4	4186776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	3.20E-05
3361	ALL	653748.6	4186775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-07	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	3.17E-05
3362	ALL	653723.9	4186775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	3.16E-05
3363	ALL	653876.8	4186538	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-07	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	2.46E-05
3364	ALL	653899.3	4186549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-07	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	2.53E-05
3365	ALL	653921.7	4186559	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3366	ALL	653944.1	4186569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3367	ALL	653966.5	4186580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-07	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3368	ALL	653988.9	4186590	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	2.79E-05
3369	ALL	654011.3	4186600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-07	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.84E-05
3370	ALL	654033.8	4186610	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
3371	ALL	654056.2	4186621	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-07	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.93E-05
3372	ALL	654078.6	4186631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-07	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	2.98E-05
3373	ALL	654101	4186641	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	3.02E-05
3374	ALL	654123.4	4186652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-07	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	3.07E-05
3375	ALL	654145.8	4186662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-07	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	3.13E-05
3376	ALL	654168.3	4186672	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	3.18E-05
3377	ALL	654190.7	4186682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-07	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	3.23E-05
3378	ALL	654213.1	4186693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-07	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	3.29E-05
3379	ALL	654235.5	4186703	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-07	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3380	ALL	654257.9	4186713	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-07	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3381	ALL	654280.3	4186724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-07	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3382	ALL	654302.7	4186734	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-07	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3383	ALL	654325.2	4186744	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-07	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3384	ALL	654347.6	4186755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-07	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3385	ALL	654370	4186765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3386	ALL	654392.4	4186775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-07	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3387	ALL	654414.8	4186785	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-07	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3388	ALL	654437.2	4186796	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-07	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3389	ALL	654459.7	4186806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3390	ALL	654482.1	4186816	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	3.38E-05
3391	ALL	654504.5	4186827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-07	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3392	ALL	654526.9	4186837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-07	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3393	ALL	654549.3	4186847	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3394	ALL	654571.7	4186857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-07	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3395	ALL	654594.2	4186868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	3.50E-05
3396	ALL	654616.6	4186878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.53E-05
3397	ALL	654639	4186888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	3.57E-05
3398	ALL	654661.4	4186899	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	3.60E-05
3399	ALL	654683.8	4186909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-07	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	3.62E-05

3400	ALL	654706.2	4186919	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	3.64E-05
3401	ALL	654728.7	4186929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3402	ALL	654751.1	4186940	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3403	ALL	654773.5	4186950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3404	ALL	654795.9	4186960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	3.65E-05
3405	ALL	654826.4	4186994	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-07	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	3.71E-05
3406	ALL	654834.4	4187017	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	3.79E-05
3407	ALL	654842.5	4187041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	3.86E-05
3408	ALL	654850.6	4187064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3409	ALL	654858.6	4187087	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-07	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	3.99E-05
3410	ALL	654866.7	4187111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-07	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	4.06E-05
3411	ALL	654874.8	4187134	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-07	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	4.12E-05
3412	ALL	654882.8	4187157	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-07	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	4.18E-05
3413	ALL	654890.9	4187180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-07	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	4.24E-05
3414	ALL	654898.9	4187204	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	4.29E-05
3415	ALL	654907	4187227	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-07	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	4.35E-05
3416	ALL	654915.1	4187250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	4.39E-05
3417	ALL	654923.1	4187274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	4.44E-05
3418	ALL	654931.2	4187297	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	4.47E-05
3419	ALL	654939.3	4187320	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	4.50E-05
3420	ALL	654947.3	4187344	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	4.52E-05
3421	ALL	654955.4	4187367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-07	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	4.54E-05
3422	ALL	654963.4	4187390	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	4.55E-05
3423	ALL	654971.5	4187414	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	4.56E-05
3424	ALL	654979.6	4187437	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	4.56E-05
3425	ALL	654987.6	4187460	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-07	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	4.54E-05
3426	ALL	654995.7	4187484	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	4.53E-05
3427	ALL	655003.7	4187507	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-07	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	4.51E-05
3428	ALL	655011.8	4187530	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-07	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	4.49E-05
3429	ALL	655019.9	4187553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	4.47E-05
3430	ALL	655027.9	4187577	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	4.45E-05
3431	ALL	655036	4187600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	4.43E-05
3432	ALL	655044.1	4187623	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-07	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	4.42E-05
3433	ALL	655052.1	4187647	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	4.40E-05
3434	ALL	655060.2	4187670	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	4.38E-05
3435	ALL	655068.2	4187693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-07	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	4.37E-05
3436	ALL	655076.3	4187717	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	4.34E-05
3437	ALL	655084.4	4187740	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	4.32E-05
3438	ALL	655092.4	4187763	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-07	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	4.28E-05
3439	ALL	655100.5	4187787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-07	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	4.24E-05
3440	ALL	655108.6	4187810	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	4.18E-05
3441	ALL	655116.6	4187833	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	4.13E-05
3442	ALL	655124.7	4187856	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-07	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	4.06E-05
3443	ALL	655132.7	4187880	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	3.99E-05
3444	ALL	655140.8	4187903	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3445	ALL	655148.9	4187926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-07	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	3.86E-05
3446	ALL	655156.9	4187950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	3.80E-05
3447	ALL	653854.4	4186528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.40E-05
3448	ALL	653829.6	4186527	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	2.37E-05
3449	ALL	653804.9	4186527	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05

3450	ALL	653780.1	4186526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
3451	ALL	653755.3	4186525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.30E-05
3452	ALL	653730.5	4186525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.29E-05
3453	ALL	653883.5	4186288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3454	ALL	653905.9	4186299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3455	ALL	653928.3	4186309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.95E-05
3456	ALL	653950.7	4186319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	1.99E-05
3457	ALL	653973.1	4186330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-07	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	2.04E-05
3458	ALL	653995.5	4186340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3459	ALL	654017.9	4186350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3460	ALL	654040.3	4186360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.16E-05
3461	ALL	654062.7	4186371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	2.20E-05
3462	ALL	654085.1	4186381	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3463	ALL	654107.5	4186391	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.25E-05
3464	ALL	654129.9	4186402	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-07	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	2.28E-05
3465	ALL	654152.3	4186412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-07	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.31E-05
3466	ALL	654174.7	4186422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05
3467	ALL	654197.1	4186432	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	2.38E-05
3468	ALL	654219.5	4186443	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	2.41E-05
3469	ALL	654241.9	4186453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-07	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.45E-05
3470	ALL	654264.3	4186463	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-07	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	2.48E-05
3471	ALL	654286.7	4186474	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3472	ALL	654309.1	4186484	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	2.56E-05
3473	ALL	654331.5	4186494	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3474	ALL	654353.9	4186504	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-07	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	2.62E-05
3475	ALL	654376.3	4186515	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3476	ALL	654398.7	4186525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3477	ALL	654421.1	4186535	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3478	ALL	654443.5	4186546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3479	ALL	654465.9	4186556	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3480	ALL	654488.3	4186566	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3481	ALL	654510.7	4186576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-07	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	2.64E-05
3482	ALL	654533.1	4186587	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-07	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3483	ALL	654555.5	4186597	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3484	ALL	654577.9	4186607	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.60E-05
3485	ALL	654600.3	4186618	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3486	ALL	654622.7	4186628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3487	ALL	654645.1	4186638	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3488	ALL	654667.5	4186648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3489	ALL	654689.9	4186659	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-07	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3490	ALL	654712.3	4186669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3491	ALL	654734.7	4186679	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3492	ALL	654757.1	4186690	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-07	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	2.70E-05
3493	ALL	654779.5	4186700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-07	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	2.72E-05
3494	ALL	654801.9	4186710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3495	ALL	654824.3	4186720	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3496	ALL	654846.7	4186731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3497	ALL	654869.1	4186741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3498	ALL	654891.5	4186751	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-07	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3499	ALL	654913.9	4186762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-07	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.81E-05

3500	ALL	654936.3	4186772	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-07	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.81E-05
3501	ALL	654958.7	4186782	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-07	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.81E-05
3502	ALL	654981.1	4186792	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3503	ALL	655011.6	4186826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-07	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.84E-05
3504	ALL	655019.6	4186849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
3505	ALL	655027.7	4186873	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-07	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.93E-05
3506	ALL	655035.7	4186896	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-07	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	2.98E-05
3507	ALL	655043.8	4186919	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-07	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	3.02E-05
3508	ALL	655051.8	4186942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	3.07E-05
3509	ALL	655059.9	4186966	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-07	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	3.11E-05
3510	ALL	655068	4186989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-07	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	3.15E-05
3511	ALL	655076	4187012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-07	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	3.19E-05
3512	ALL	655084.1	4187036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-07	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	3.22E-05
3513	ALL	655092.1	4187059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-07	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	3.26E-05
3514	ALL	655100.2	4187082	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-07	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	3.30E-05
3515	ALL	655108.2	4187106	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-07	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	3.33E-05
3516	ALL	655116.3	4187129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	3.36E-05
3517	ALL	655124.3	4187152	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-07	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3518	ALL	655132.4	4187175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-07	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	3.42E-05
3519	ALL	655140.5	4187199	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-07	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3520	ALL	655148.5	4187222	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-07	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3521	ALL	655156.6	4187245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-07	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3522	ALL	655164.6	4187269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	3.48E-05
3523	ALL	655172.7	4187292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-07	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3524	ALL	655180.7	4187315	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3525	ALL	655188.8	4187338	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-07	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3526	ALL	655196.8	4187362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3527	ALL	655204.9	4187385	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-07	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	3.48E-05
3528	ALL	655213	4187408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3529	ALL	655221	4187432	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-07	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3530	ALL	655229.1	4187455	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-07	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3531	ALL	655237.1	4187478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-07	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	3.42E-05
3532	ALL	655245.2	4187502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	3.41E-05
3533	ALL	655253.2	4187525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-07	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3534	ALL	655261.3	4187548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-07	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3535	ALL	655269.4	4187571	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	3.38E-05
3536	ALL	655277.4	4187595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	3.37E-05
3537	ALL	655285.5	4187618	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-07	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	3.36E-05
3538	ALL	655293.5	4187641	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-07	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	3.35E-05
3539	ALL	655301.6	4187665	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-07	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3540	ALL	655309.6	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-07	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	3.33E-05
3541	ALL	655317.7	4187711	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	3.31E-05
3542	ALL	655325.7	4187734	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-07	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	3.28E-05
3543	ALL	655333.8	4187758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-07	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	3.25E-05
3544	ALL	655341.9	4187781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-07	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	3.22E-05
3545	ALL	655349.9	4187804	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-07	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	3.18E-05
3546	ALL	655358	4187828	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-07	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	3.14E-05
3547	ALL	655366	4187851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-07	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	3.10E-05
3548	ALL	655374.1	4187874	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-07	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	3.05E-05
3549	ALL	655382.1	4187898	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	3.01E-05

3550	ALL	655390.2	4187921	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-07	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	2.96E-05
3551	ALL	655398.3	4187944	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-07	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	2.92E-05
3552	ALL	655406.3	4187967	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-07	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	2.88E-05
3553	ALL	653861.1	4186278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3554	ALL	653836.3	4186278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3555	ALL	653811.5	4186277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3556	ALL	653786.8	4186276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
3557	ALL	653762	4186276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3558	ALL	653737.2	4186275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3559	ALL	653890.2	4186039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3560	ALL	653912.6	4186049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
3561	ALL	653934.9	4186059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3562	ALL	653957.3	4186069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
3563	ALL	653979.7	4186080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-07	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.59E-05
3564	ALL	654002.1	4186090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.62E-05
3565	ALL	654024.5	4186100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
3566	ALL	654046.9	4186111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3567	ALL	654069.3	4186121	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3568	ALL	654091.7	4186131	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.74E-05
3569	ALL	654114	4186141	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-07	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3570	ALL	654136.4	4186152	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3571	ALL	654158.8	4186162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
3572	ALL	654181.2	4186172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3573	ALL	654203.6	4186182	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3574	ALL	654226	4186193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3575	ALL	654248.4	4186203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3576	ALL	654270.8	4186213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3577	ALL	654293.2	4186224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-07	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.93E-05
3578	ALL	654315.5	4186234	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.95E-05
3579	ALL	654337.9	4186244	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-07	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.98E-05
3580	ALL	654360.3	4186254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-07	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.00E-05
3581	ALL	654382.7	4186265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.03E-05
3582	ALL	654405.1	4186275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-07	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	2.05E-05
3583	ALL	654427.5	4186285	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3584	ALL	654449.9	4186296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-07	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3585	ALL	654472.3	4186306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3586	ALL	654494.6	4186316	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3587	ALL	654517	4186326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3588	ALL	654539.4	4186337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3589	ALL	654561.8	4186347	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3590	ALL	654584.2	4186357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-07	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3591	ALL	654606.6	4186367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-07	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3592	ALL	654629	4186378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3593	ALL	654651.4	4186388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-07	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.09E-05
3594	ALL	654673.8	4186398	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3595	ALL	654696.1	4186409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-07	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	2.07E-05
3596	ALL	654718.5	4186419	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3597	ALL	654740.9	4186429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-07	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3598	ALL	654763.3	4186439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-07	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3599	ALL	654785.7	4186450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	2.06E-05

3600	ALL	654808.1	4186460	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-07	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	2.07E-05
3601	ALL	654830.5	4186470	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.09E-05
3602	ALL	654852.9	4186481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-07	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3603	ALL	654875.2	4186491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3604	ALL	654897.6	4186501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3605	ALL	654920	4186511	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-07	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.16E-05
3606	ALL	654942.4	4186522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.17E-05
3607	ALL	654964.8	4186532	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-07	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05
3608	ALL	654987.2	4186542	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	2.20E-05
3609	ALL	655009.6	4186553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.22E-05
3610	ALL	655032	4186563	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3611	ALL	655054.4	4186573	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3612	ALL	655076.7	4186583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3613	ALL	655099.1	4186594	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3614	ALL	655121.5	4186604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3615	ALL	655143.9	4186614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3616	ALL	655166.3	4186624	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3617	ALL	655196.7	4186658	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	2.26E-05
3618	ALL	655204.8	4186681	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.29E-05
3619	ALL	655212.8	4186705	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
3620	ALL	655220.9	4186728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	2.35E-05
3621	ALL	655228.9	4186751	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	2.38E-05
3622	ALL	655237	4186774	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	2.41E-05
3623	ALL	655245	4186798	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.44E-05
3624	ALL	655253.1	4186821	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	2.47E-05
3625	ALL	655261.1	4186844	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.50E-05
3626	ALL	655269.2	4186868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3627	ALL	655277.3	4186891	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.55E-05
3628	ALL	655285.3	4186914	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	2.58E-05
3629	ALL	655293.4	4186937	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.60E-05
3630	ALL	655301.4	4186961	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-07	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3631	ALL	655309.5	4186984	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3632	ALL	655317.5	4187007	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3633	ALL	655325.6	4187031	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3634	ALL	655333.6	4187054	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3635	ALL	655341.7	4187077	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-07	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3636	ALL	655349.7	4187100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3637	ALL	655357.8	4187124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-07	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.75E-05
3638	ALL	655365.8	4187147	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3639	ALL	655373.9	4187170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.77E-05
3640	ALL	655381.9	4187194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3641	ALL	655390	4187217	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3642	ALL	655398	4187240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3643	ALL	655406.1	4187263	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3644	ALL	655414.1	4187287	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.77E-05
3645	ALL	655422.2	4187310	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3646	ALL	655430.2	4187333	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.75E-05
3647	ALL	655438.3	4187356	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3648	ALL	655446.3	4187380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-07	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3649	ALL	655454.4	4187403	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-07	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	2.72E-05

3650	ALL	655462.4	4187426	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3651	ALL	655470.5	4187450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-07	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3652	ALL	655478.5	4187473	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	2.70E-05
3653	ALL	655486.6	4187496	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-07	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3654	ALL	655494.6	4187519	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-07	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3655	ALL	655502.7	4187543	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3656	ALL	655510.8	4187566	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-07	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3657	ALL	655518.8	4187589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3658	ALL	655526.9	4187613	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3659	ALL	655534.9	4187636	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3660	ALL	655543	4187659	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	2.64E-05
3661	ALL	655551	4187682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-07	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3662	ALL	655559.1	4187706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3663	ALL	655567.1	4187729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3664	ALL	655575.2	4187752	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	2.57E-05
3665	ALL	655583.2	4187776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	2.54E-05
3666	ALL	655591.3	4187799	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3667	ALL	655599.3	4187822	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-07	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	2.48E-05
3668	ALL	655607.4	4187845	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-07	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.45E-05
3669	ALL	655615.4	4187869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	2.42E-05
3670	ALL	655623.5	4187892	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.39E-05
3671	ALL	655631.5	4187915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	2.36E-05
3672	ALL	655639.6	4187939	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	2.33E-05
3673	ALL	655647.6	4187962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.30E-05
3674	ALL	655655.7	4187985	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
3675	ALL	653867.8	4186028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3676	ALL	653843	4186028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3677	ALL	653818.2	4186027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3678	ALL	653793.4	4186026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3679	ALL	653768.7	4186026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3680	ALL	653743.9	4186025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3681	ALL	653903.5	4185539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.97E-06	0.00E+00	0.00E+00	9.97E-06
3682	ALL	653925.9	4185549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
3683	ALL	653948.2	4185559	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
3684	ALL	653970.6	4185570	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3685	ALL	653993	4185580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3686	ALL	654015.4	4185590	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3687	ALL	654037.7	4185600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3688	ALL	654060.1	4185611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3689	ALL	654082.5	4185621	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3690	ALL	654104.8	4185631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
3691	ALL	654127.2	4185641	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
3692	ALL	654149.6	4185652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
3693	ALL	654172	4185662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-07	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
3694	ALL	654194.3	4185672	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-07	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.21E-05
3695	ALL	654216.7	4185683	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-07	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.22E-05
3696	ALL	654239.1	4185693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-07	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.23E-05
3697	ALL	654261.5	4185703	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
3698	ALL	654283.8	4185713	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3699	ALL	654306.2	4185724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05

3700	ALL	654328.6	4185734	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
3701	ALL	654350.9	4185744	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05
3702	ALL	654373.3	4185754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3703	ALL	654395.7	4185765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3704	ALL	654418.1	4185775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3705	ALL	654440.4	4185785	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3706	ALL	654462.8	4185796	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3707	ALL	654485.2	4185806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3708	ALL	654507.5	4185816	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3709	ALL	654529.9	4185826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3710	ALL	654552.3	4185837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3711	ALL	654574.7	4185847	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3712	ALL	654597	4185857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3713	ALL	654619.4	4185867	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3714	ALL	654641.8	4185878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3715	ALL	654664.2	4185888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3716	ALL	654686.5	4185898	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3717	ALL	654708.9	4185909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3718	ALL	654731.3	4185919	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3719	ALL	654753.6	4185929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3720	ALL	654776	4185939	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3721	ALL	654798.4	4185950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3722	ALL	654820.8	4185960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3723	ALL	654843.1	4185970	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3724	ALL	654865.5	4185980	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3725	ALL	654887.9	4185991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3726	ALL	654910.2	4186001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3727	ALL	654932.6	4186011	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3728	ALL	654955	4186021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3729	ALL	654977.4	4186032	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3730	ALL	654999.7	4186042	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3731	ALL	655022.1	4186052	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3732	ALL	655044.5	4186063	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3733	ALL	655066.9	4186073	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3734	ALL	655089.2	4186083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3735	ALL	655111.6	4186093	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3736	ALL	655134	4186104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-07	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3737	ALL	655156.3	4186114	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3738	ALL	655178.7	4186124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3739	ALL	655201.1	4186134	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3740	ALL	655223.5	4186145	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.48E-05
3741	ALL	655245.8	4186155	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.49E-05
3742	ALL	655268.2	4186165	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
3743	ALL	655290.6	4186176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
3744	ALL	655312.9	4186186	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
3745	ALL	655335.3	4186196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
3746	ALL	655357.7	4186206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3747	ALL	655380.1	4186217	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3748	ALL	655402.4	4186227	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3749	ALL	655424.8	4186237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05

3750	ALL	655447.2	4186247	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3751	ALL	655469.5	4186258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3752	ALL	655491.9	4186268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3753	ALL	655514.3	4186278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3754	ALL	655536.7	4186289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3755	ALL	655567.1	4186322	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3756	ALL	655575.1	4186345	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
3757	ALL	655583.2	4186369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-07	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.58E-05
3758	ALL	655591.2	4186392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-07	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.59E-05
3759	ALL	655599.3	4186415	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-07	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.61E-05
3760	ALL	655607.3	4186438	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.63E-05
3761	ALL	655615.4	4186462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.65E-05
3762	ALL	655623.4	4186485	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
3763	ALL	655631.5	4186508	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.68E-05
3764	ALL	655639.5	4186531	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3765	ALL	655647.5	4186555	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3766	ALL	655655.6	4186578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-07	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.72E-05
3767	ALL	655663.6	4186601	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-07	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.73E-05
3768	ALL	655671.7	4186625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3769	ALL	655679.7	4186648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3770	ALL	655687.8	4186671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3771	ALL	655695.8	4186694	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3772	ALL	655703.9	4186718	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3773	ALL	655711.9	4186741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3774	ALL	655720	4186764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3775	ALL	655728	4186787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3776	ALL	655736	4186811	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-07	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.85E-05
3777	ALL	655744.1	4186834	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3778	ALL	655752.1	4186857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3779	ALL	655760.2	4186880	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3780	ALL	655768.2	4186904	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3781	ALL	655776.3	4186927	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-07	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3782	ALL	655784.3	4186950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3783	ALL	655792.4	4186974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3784	ALL	655800.4	4186997	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3785	ALL	655808.5	4187020	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3786	ALL	655816.5	4187043	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3787	ALL	655824.6	4187067	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3788	ALL	655832.6	4187090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3789	ALL	655840.6	4187113	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3790	ALL	655848.7	4187136	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-07	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3791	ALL	655856.7	4187160	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-07	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3792	ALL	655864.8	4187183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3793	ALL	655872.8	4187206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3794	ALL	655880.9	4187229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3795	ALL	655888.9	4187253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3796	ALL	655897	4187276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3797	ALL	655905	4187299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3798	ALL	655913.1	4187323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-07	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.85E-05
3799	ALL	655921.1	4187346	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.85E-05

3800	ALL	655929.2	4187369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3801	ALL	655937.2	4187392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3802	ALL	655945.2	4187416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3803	ALL	655953.3	4187439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3804	ALL	655961.3	4187462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3805	ALL	655969.4	4187485	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3806	ALL	655977.4	4187509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3807	ALL	655985.5	4187532	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3808	ALL	655993.5	4187555	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3809	ALL	656001.6	4187578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3810	ALL	656009.6	4187602	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3811	ALL	656017.7	4187625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
3812	ALL	656025.7	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3813	ALL	656033.8	4187671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3814	ALL	656041.8	4187695	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
3815	ALL	656049.8	4187718	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3816	ALL	656057.9	4187741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.74E-05
3817	ALL	656065.9	4187765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-07	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.72E-05
3818	ALL	656074	4187788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3819	ALL	656082	4187811	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3820	ALL	656090.1	4187834	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.67E-05
3821	ALL	656098.1	4187858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.65E-05
3822	ALL	656106.2	4187881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.63E-05
3823	ALL	656114.2	4187904	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.62E-05
3824	ALL	656122.3	4187927	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-07	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	1.60E-05
3825	ALL	656130.3	4187951	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-07	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.58E-05
3826	ALL	656138.3	4187974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
3827	ALL	656146.4	4187997	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-07	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.55E-05
3828	ALL	656154.4	4188020	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3829	ALL	653881.1	4185528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	9.83E-06
3830	ALL	653856.4	4185528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	9.75E-06
3831	ALL	653831.6	4185527	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	9.68E-06
3832	ALL	653806.8	4185526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-07	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	9.61E-06
3833	ALL	653782	4185526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	9.55E-06
3834	ALL	653757.2	4185525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	9.50E-06
3835	ALL	653916.8	4185039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.29E-06	0.00E+00	0.00E+00	7.29E-06
3836	ALL	653939.2	4185049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	7.37E-06
3837	ALL	653961.6	4185059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	7.46E-06
3838	ALL	653983.9	4185070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	7.56E-06
3839	ALL	654006.3	4185080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	7.65E-06
3840	ALL	654028.7	4185090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	7.75E-06
3841	ALL	654051	4185100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.86E-06	0.00E+00	0.00E+00	7.86E-06
3842	ALL	654073.4	4185111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.97E-06	0.00E+00	0.00E+00	7.97E-06
3843	ALL	654095.7	4185121	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	8.08E-06
3844	ALL	654118.1	4185131	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	8.19E-06
3845	ALL	654140.5	4185142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	8.31E-06
3846	ALL	654162.8	4185152	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.42E-06
3847	ALL	654185.2	4185162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	8.53E-06
3848	ALL	654207.5	4185172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	8.63E-06
3849	ALL	654229.9	4185183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	8.73E-06

3850	ALL	654252.3	4185193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	8.81E-06
3851	ALL	654274.6	4185203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	8.89E-06
3852	ALL	654297	4185213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	8.96E-06
3853	ALL	654319.4	4185224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-07	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	9.02E-06
3854	ALL	654341.7	4185234	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	9.08E-06	0.00E+00	0.00E+00	9.08E-06
3855	ALL	654364.1	4185244	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	9.13E-06
3856	ALL	654386.4	4185255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	9.19E-06
3857	ALL	654408.8	4185265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-07	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	9.24E-06
3858	ALL	654431.2	4185275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-07	0.00E+00	0.00E+00	9.31E-06	0.00E+00	0.00E+00	9.31E-06
3859	ALL	654453.5	4185285	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	9.38E-06
3860	ALL	654475.9	4185296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	9.45E-06
3861	ALL	654498.2	4185306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	9.53E-06
3862	ALL	654520.6	4185316	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	9.61E-06
3863	ALL	654543	4185326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.69E-06	0.00E+00	0.00E+00	9.69E-06
3864	ALL	654565.3	4185337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	9.77E-06
3865	ALL	654587.7	4185347	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	9.85E-06
3866	ALL	654610.1	4185357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	9.93E-06
3867	ALL	654632.4	4185367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.00E-05
3868	ALL	654654.8	4185378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
3869	ALL	654677.1	4185388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
3870	ALL	654699.5	4185398	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
3871	ALL	654721.9	4185409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3872	ALL	654744.2	4185419	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3873	ALL	654766.6	4185429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3874	ALL	654788.9	4185439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3875	ALL	654811.3	4185450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3876	ALL	654833.7	4185460	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3877	ALL	654856	4185470	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3878	ALL	654878.4	4185480	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3879	ALL	654900.8	4185491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3880	ALL	654923.1	4185501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3881	ALL	654945.5	4185511	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3882	ALL	654967.8	4185521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3883	ALL	654990.2	4185532	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3884	ALL	655012.6	4185542	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3885	ALL	655034.9	4185552	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3886	ALL	655057.3	4185563	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3887	ALL	655079.6	4185573	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3888	ALL	655102	4185583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3889	ALL	655124.4	4185593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3890	ALL	655146.7	4185604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3891	ALL	655169.1	4185614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3892	ALL	655191.5	4185624	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3893	ALL	655213.8	4185634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3894	ALL	655236.2	4185645	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3895	ALL	655258.5	4185655	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3896	ALL	655280.9	4185665	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3897	ALL	655303.3	4185675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3898	ALL	655325.6	4185686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3899	ALL	655348	4185696	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05

3900	ALL	655370.4	4185706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3901	ALL	655392.7	4185717	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3902	ALL	655415.1	4185727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3903	ALL	655437.4	4185737	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3904	ALL	655459.8	4185747	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3905	ALL	655482.2	4185758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3906	ALL	655504.5	4185768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3907	ALL	655526.9	4185778	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3908	ALL	655549.2	4185788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
3909	ALL	655571.6	4185799	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
3910	ALL	655594	4185809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3911	ALL	655616.3	4185819	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3912	ALL	655638.7	4185829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
3913	ALL	655661.1	4185840	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
3914	ALL	655683.4	4185850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3915	ALL	655705.8	4185860	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3916	ALL	655728.1	4185871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3917	ALL	655750.5	4185881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3918	ALL	655772.9	4185891	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3919	ALL	655795.2	4185901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3920	ALL	655817.6	4185912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3921	ALL	655839.9	4185922	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3922	ALL	655862.3	4185932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3923	ALL	655884.7	4185942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3924	ALL	655907	4185953	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3925	ALL	655937.4	4185986	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3926	ALL	655945.5	4186009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
3927	ALL	655953.5	4186033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
3928	ALL	655961.6	4186056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
3929	ALL	655969.6	4186079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
3930	ALL	655977.6	4186102	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-07	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
3931	ALL	655985.7	4186126	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
3932	ALL	655993.7	4186149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-07	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.21E-05
3933	ALL	656001.8	4186172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.22E-05
3934	ALL	656009.8	4186195	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-07	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.23E-05
3935	ALL	656017.9	4186219	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
3936	ALL	656025.9	4186242	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3937	ALL	656033.9	4186265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3938	ALL	656042	4186288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
3939	ALL	656050	4186312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
3940	ALL	656058.1	4186335	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05
3941	ALL	656066.1	4186358	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3942	ALL	656074.2	4186382	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3943	ALL	656082.2	4186405	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3944	ALL	656090.2	4186428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3945	ALL	656098.3	4186451	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3946	ALL	656106.3	4186475	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3947	ALL	656114.4	4186498	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3948	ALL	656122.4	4186521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3949	ALL	656130.4	4186544	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05

3950	ALL	656138.5	4186568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3951	ALL	656146.5	4186591	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3952	ALL	656154.6	4186614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3953	ALL	656162.6	4186637	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3954	ALL	656170.7	4186661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3955	ALL	656178.7	4186684	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3956	ALL	656186.7	4186707	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3957	ALL	656194.8	4186730	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3958	ALL	656202.8	4186754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3959	ALL	656210.9	4186777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3960	ALL	656218.9	4186800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3961	ALL	656227	4186823	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3962	ALL	656235	4186847	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3963	ALL	656243	4186870	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3964	ALL	656251.1	4186893	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3965	ALL	656259.1	4186916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3966	ALL	656267.2	4186940	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3967	ALL	656275.2	4186963	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3968	ALL	656283.3	4186986	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3969	ALL	656291.3	4187009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3970	ALL	656299.3	4187033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3971	ALL	656307.4	4187056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3972	ALL	656315.4	4187079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3973	ALL	656323.5	4187102	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3974	ALL	656331.5	4187126	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3975	ALL	656339.5	4187149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3976	ALL	656347.6	4187172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3977	ALL	656355.6	4187195	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3978	ALL	656363.7	4187219	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3979	ALL	656371.7	4187242	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3980	ALL	656379.8	4187265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3981	ALL	656387.8	4187288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3982	ALL	656395.8	4187312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3983	ALL	656403.9	4187335	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3984	ALL	656411.9	4187358	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3985	ALL	656420	4187381	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3986	ALL	656428	4187405	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3987	ALL	656436.1	4187428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3988	ALL	656444.1	4187451	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3989	ALL	656452.1	4187474	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3990	ALL	656460.2	4187498	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3991	ALL	656468.2	4187521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3992	ALL	656476.3	4187544	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3993	ALL	656484.3	4187567	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3994	ALL	656492.3	4187591	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3995	ALL	656500.4	4187614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3996	ALL	656508.4	4187637	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3997	ALL	656516.5	4187661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3998	ALL	656524.5	4187684	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3999	ALL	656532.6	4187707	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05

4000	ALL	656540.6	4187730	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4001	ALL	656548.6	4187754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4002	ALL	656556.7	4187777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
4003	ALL	656564.7	4187800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-07	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.23E-05
4004	ALL	656572.8	4187823	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.22E-05
4005	ALL	656580.8	4187847	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-07	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.21E-05
4006	ALL	656588.9	4187870	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4007	ALL	656596.9	4187893	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4008	ALL	656604.9	4187916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4009	ALL	656613	4187940	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4010	ALL	656621	4187963	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4011	ALL	656629.1	4187986	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4012	ALL	656637.1	4188009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4013	ALL	656645.2	4188033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4014	ALL	656653.2	4188056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4015	ALL	653894.5	4185029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	7.20E-06
4016	ALL	653869.7	4185028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.16E-06
4017	ALL	653844.9	4185027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4018	ALL	653820.1	4185027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4019	ALL	653795.4	4185026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4020	ALL	653770.6	4185025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	6.99E-06
4021	ALL	653930.2	4184539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	5.61E-06
4022	ALL	653952.5	4184549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	5.66E-06
4023	ALL	653974.9	4184560	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	5.72E-06
4024	ALL	653997.3	4184570	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	5.78E-06
4025	ALL	654019.6	4184580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.85E-06
4026	ALL	654042	4184590	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	5.91E-06
4027	ALL	654064.3	4184601	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	5.98E-06
4028	ALL	654086.7	4184611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	6.05E-06
4029	ALL	654109	4184621	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	6.12E-06
4030	ALL	654131.4	4184631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	6.19E-06
4031	ALL	654153.7	4184642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	6.26E-06
4032	ALL	654176.1	4184652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	6.34E-06
4033	ALL	654198.4	4184662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	6.42E-06
4034	ALL	654220.8	4184672	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	6.49E-06
4035	ALL	654243.2	4184683	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.57E-06
4036	ALL	654265.5	4184693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	6.64E-06
4037	ALL	654287.9	4184703	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	6.71E-06
4038	ALL	654310.2	4184714	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.77E-06
4039	ALL	654332.6	4184724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	6.83E-06
4040	ALL	654354.9	4184734	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
4041	ALL	654377.3	4184744	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4042	ALL	654399.6	4184755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	6.97E-06
4043	ALL	654422	4184765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	7.01E-06
4044	ALL	654444.3	4184775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4045	ALL	654466.7	4184785	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.08E-06
4046	ALL	654489	4184796	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4047	ALL	654511.4	4184806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	7.15E-06
4048	ALL	654533.8	4184816	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.19E-06	0.00E+00	0.00E+00	7.19E-06
4049	ALL	654556.1	4184826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	7.23E-06

4050	ALL	654578.5	4184837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	7.28E-06
4051	ALL	654600.8	4184847	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	7.33E-06
4052	ALL	654623.2	4184857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	7.38E-06
4053	ALL	654645.5	4184868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	7.43E-06
4054	ALL	654667.9	4184878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	7.49E-06
4055	ALL	654690.2	4184888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.55E-06
4056	ALL	654712.6	4184898	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	7.60E-06
4057	ALL	654734.9	4184909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	7.65E-06
4058	ALL	654757.3	4184919	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4059	ALL	654779.7	4184929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	7.76E-06
4060	ALL	654802	4184939	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4061	ALL	654824.4	4184950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	7.87E-06
4062	ALL	654846.7	4184960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	7.93E-06
4063	ALL	654869.1	4184970	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	7.99E-06
4064	ALL	654891.4	4184980	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	8.06E-06
4065	ALL	654913.8	4184991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	8.12E-06
4066	ALL	654936.1	4185001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	8.19E-06
4067	ALL	654958.5	4185011	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4068	ALL	654980.8	4185021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4069	ALL	655003.2	4185032	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4070	ALL	655025.6	4185042	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	8.40E-06
4071	ALL	655047.9	4185052	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4072	ALL	655070.3	4185063	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4073	ALL	655092.6	4185073	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4074	ALL	655115	4185083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	8.48E-06
4075	ALL	655137.3	4185093	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4076	ALL	655159.7	4185104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4077	ALL	655182	4185114	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4078	ALL	655204.4	4185124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.42E-06
4079	ALL	655226.7	4185134	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4080	ALL	655249.1	4185145	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4081	ALL	655271.4	4185155	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4082	ALL	655293.8	4185165	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	8.30E-06
4083	ALL	655316.2	4185175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	8.26E-06
4084	ALL	655338.5	4185186	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4085	ALL	655360.9	4185196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4086	ALL	655383.2	4185206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	8.17E-06
4087	ALL	655405.6	4185216	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	8.13E-06
4088	ALL	655427.9	4185227	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.10E-06
4089	ALL	655450.3	4185237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	8.07E-06
4090	ALL	655472.6	4185247	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4091	ALL	655495	4185258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.03E-06	0.00E+00	0.00E+00	8.03E-06
4092	ALL	655517.3	4185268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4093	ALL	655539.7	4185278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4094	ALL	655562.1	4185288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4095	ALL	655584.4	4185299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.03E-06	0.00E+00	0.00E+00	8.03E-06
4096	ALL	655606.8	4185309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4097	ALL	655629.1	4185319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	8.08E-06
4098	ALL	655651.5	4185329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	8.12E-06
4099	ALL	655673.8	4185340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	8.16E-06

4100	ALL	655696.2	4185350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4101	ALL	655718.5	4185360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4102	ALL	655740.9	4185370	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	8.30E-06
4103	ALL	655763.2	4185381	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	8.34E-06
4104	ALL	655785.6	4185391	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4105	ALL	655808	4185401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4106	ALL	655830.3	4185411	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4107	ALL	655852.7	4185422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.50E-06	0.00E+00	0.00E+00	8.50E-06
4108	ALL	655875	4185432	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	8.54E-06
4109	ALL	655897.4	4185442	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	8.57E-06
4110	ALL	655919.7	4185453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	8.61E-06
4111	ALL	655942.1	4185463	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.64E-06	0.00E+00	0.00E+00	8.64E-06
4112	ALL	655964.4	4185473	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	8.67E-06
4113	ALL	655986.8	4185483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	8.70E-06
4114	ALL	656009.1	4185494	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4115	ALL	656031.5	4185504	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4116	ALL	656053.9	4185514	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4117	ALL	656076.2	4185524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	8.79E-06
4118	ALL	656098.6	4185535	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4119	ALL	656120.9	4185545	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4120	ALL	656143.3	4185555	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	8.79E-06
4121	ALL	656165.6	4185565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4122	ALL	656188	4185576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4123	ALL	656210.3	4185586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4124	ALL	656232.7	4185596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4125	ALL	656255	4185606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4126	ALL	656277.4	4185617	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	8.72E-06
4127	ALL	656307.8	4185650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4128	ALL	656315.8	4185674	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	8.85E-06
4129	ALL	656323.9	4185697	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	8.92E-06
4130	ALL	656331.9	4185720	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-07	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	8.99E-06
4131	ALL	656339.9	4185743	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	9.07E-06
4132	ALL	656348	4185766	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	9.14E-06
4133	ALL	656356	4185790	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-07	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	9.21E-06
4134	ALL	656364.1	4185813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-07	0.00E+00	0.00E+00	9.28E-06	0.00E+00	0.00E+00	9.28E-06
4135	ALL	656372.1	4185836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	9.34E-06
4136	ALL	656380.1	4185859	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	9.41E-06
4137	ALL	656388.2	4185883	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	9.47E-06
4138	ALL	656396.2	4185906	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-07	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	9.53E-06
4139	ALL	656404.3	4185929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	9.58E-06
4140	ALL	656412.3	4185952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	9.64E-06
4141	ALL	656420.3	4185976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.69E-06	0.00E+00	0.00E+00	9.69E-06
4142	ALL	656428.4	4185999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	9.75E-06
4143	ALL	656436.4	4186022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	9.80E-06
4144	ALL	656444.5	4186045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.86E-06	0.00E+00	0.00E+00	9.86E-06
4145	ALL	656452.5	4186069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	9.91E-06
4146	ALL	656460.5	4186092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	0.00E+00	0.00E+00	9.97E-06	0.00E+00	0.00E+00	9.97E-06
4147	ALL	656468.6	4186115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.00E-05
4148	ALL	656476.6	4186138	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4149	ALL	656484.7	4186162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05

4150	ALL	656492.7	4186185	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4151	ALL	656500.7	4186208	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4152	ALL	656508.8	4186231	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4153	ALL	656516.8	4186255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4154	ALL	656524.9	4186278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4155	ALL	656532.9	4186301	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4156	ALL	656540.9	4186324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4157	ALL	656549	4186348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4158	ALL	656557	4186371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4159	ALL	656565.1	4186394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4160	ALL	656573.1	4186417	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4161	ALL	656581.1	4186441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4162	ALL	656589.2	4186464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4163	ALL	656597.2	4186487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4164	ALL	656605.3	4186510	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4165	ALL	656613.3	4186534	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4166	ALL	656621.3	4186557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4167	ALL	656629.4	4186580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4168	ALL	656637.4	4186603	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4169	ALL	656645.5	4186627	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4170	ALL	656653.5	4186650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4171	ALL	656661.5	4186673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4172	ALL	656669.6	4186696	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4173	ALL	656677.6	4186720	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4174	ALL	656685.6	4186743	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4175	ALL	656693.7	4186766	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4176	ALL	656701.7	4186789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4177	ALL	656709.8	4186813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4178	ALL	656717.8	4186836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4179	ALL	656725.8	4186859	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4180	ALL	656733.9	4186882	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4181	ALL	656741.9	4186906	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4182	ALL	656750	4186929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4183	ALL	656758	4186952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4184	ALL	656766	4186975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4185	ALL	656774.1	4186999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4186	ALL	656782.1	4187022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4187	ALL	656790.2	4187045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4188	ALL	656798.2	4187068	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4189	ALL	656806.2	4187092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4190	ALL	656814.3	4187115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4191	ALL	656822.3	4187138	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4192	ALL	656830.4	4187161	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4193	ALL	656838.4	4187185	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4194	ALL	656846.4	4187208	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4195	ALL	656854.5	4187231	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4196	ALL	656862.5	4187254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4197	ALL	656870.6	4187278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4198	ALL	656878.6	4187301	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4199	ALL	656886.6	4187324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05

4200	ALL	656894.7	4187347	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4201	ALL	656902.7	4187371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4202	ALL	656910.8	4187394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4203	ALL	656918.8	4187417	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4204	ALL	656926.8	4187440	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4205	ALL	656934.9	4187464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4206	ALL	656942.9	4187487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4207	ALL	656951	4187510	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4208	ALL	656959	4187533	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4209	ALL	656967	4187557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4210	ALL	656975.1	4187580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4211	ALL	656983.1	4187603	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4212	ALL	656991.2	4187626	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.00E-05
4213	ALL	656999.2	4187649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	9.95E-06
4214	ALL	657007.2	4187673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	9.88E-06
4215	ALL	657015.3	4187696	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	9.81E-06
4216	ALL	657023.3	4187719	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	9.73E-06
4217	ALL	657031.4	4187742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.66E-06	0.00E+00	0.00E+00	9.66E-06
4218	ALL	657039.4	4187766	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	9.58E-06
4219	ALL	657047.4	4187789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	9.50E-06
4220	ALL	657055.5	4187812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.42E-06	0.00E+00	0.00E+00	9.42E-06
4221	ALL	657063.5	4187835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	9.34E-06
4222	ALL	657071.5	4187859	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-07	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	9.26E-06
4223	ALL	657079.6	4187882	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	9.19E-06
4224	ALL	657087.6	4187905	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	9.12E-06
4225	ALL	657095.7	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-07	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	9.05E-06
4226	ALL	657103.7	4187952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	8.98E-06	0.00E+00	0.00E+00	8.98E-06
4227	ALL	657111.7	4187975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	8.91E-06
4228	ALL	657119.8	4187998	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	8.85E-06
4229	ALL	657127.8	4188021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4230	ALL	657135.9	4188045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4231	ALL	657143.9	4188068	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	8.69E-06
4232	ALL	657151.9	4188091	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	8.65E-06
4233	ALL	653907.8	4184529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.55E-06
4234	ALL	653883.1	4184528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.52E-06
4235	ALL	653858.3	4184527	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
4236	ALL	653833.5	4184527	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	5.46E-06
4237	ALL	653808.7	4184526	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.43E-06
4238	ALL	653783.9	4184525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.40E-06
4239	ALL	653943.5	4184039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-08	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.47E-06
4240	ALL	653965.9	4184050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-08	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.51E-06
4241	ALL	653988.2	4184060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-08	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.55E-06
4242	ALL	654010.6	4184070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-08	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	4.60E-06
4243	ALL	654032.9	4184080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-08	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	4.64E-06
4244	ALL	654055.3	4184091	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-08	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	4.68E-06
4245	ALL	654077.6	4184101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-08	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	4.73E-06
4246	ALL	654100	4184111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-08	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	4.78E-06
4247	ALL	654122.3	4184121	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-08	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.82E-06
4248	ALL	654144.7	4184132	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-08	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	4.87E-06
4249	ALL	654167	4184142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-08	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.92E-06

4250	ALL	654189.4	4184152	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	4.98E-06
4251	ALL	654211.7	4184162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	5.03E-06
4252	ALL	654234.1	4184173	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.08E-06
4253	ALL	654256.4	4184183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	5.14E-06
4254	ALL	654278.8	4184193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.19E-06
4255	ALL	654301.1	4184203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	5.24E-06
4256	ALL	654323.5	4184214	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	5.30E-06
4257	ALL	654345.8	4184224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	5.35E-06
4258	ALL	654368.2	4184234	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.40E-06
4259	ALL	654390.5	4184244	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	5.44E-06
4260	ALL	654412.9	4184255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	5.48E-06
4261	ALL	654435.2	4184265	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.52E-06
4262	ALL	654457.6	4184275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	5.56E-06
4263	ALL	654479.9	4184286	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	5.59E-06
4264	ALL	654502.3	4184296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	5.61E-06
4265	ALL	654524.6	4184306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.64E-06
4266	ALL	654547	4184316	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	5.66E-06
4267	ALL	654569.3	4184327	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.68E-06
4268	ALL	654591.7	4184337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	5.70E-06
4269	ALL	654614	4184347	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	5.73E-06
4270	ALL	654636.4	4184357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.75E-06
4271	ALL	654658.7	4184368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	5.78E-06
4272	ALL	654681.1	4184378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	5.81E-06
4273	ALL	654703.4	4184388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.85E-06
4274	ALL	654725.8	4184398	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.88E-06
4275	ALL	654748.1	4184409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.92E-06
4276	ALL	654770.4	4184419	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	5.96E-06
4277	ALL	654792.8	4184429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	6.00E-06
4278	ALL	654815.1	4184439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
4279	ALL	654837.5	4184450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	6.08E-06
4280	ALL	654859.8	4184460	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	6.12E-06
4281	ALL	654882.2	4184470	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	6.15E-06
4282	ALL	654904.5	4184480	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	6.19E-06
4283	ALL	654926.9	4184491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	6.22E-06
4284	ALL	654949.2	4184501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	6.26E-06
4285	ALL	654971.6	4184511	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	6.30E-06
4286	ALL	654993.9	4184522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	6.34E-06
4287	ALL	655016.3	4184532	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	6.38E-06
4288	ALL	655038.6	4184542	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4289	ALL	655061	4184552	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	6.48E-06
4290	ALL	655083.3	4184563	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4291	ALL	655105.7	4184573	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.57E-06
4292	ALL	655128	4184583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.62E-06
4293	ALL	655150.4	4184593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	6.66E-06
4294	ALL	655172.7	4184604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
4295	ALL	655195.1	4184614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	6.74E-06
4296	ALL	655217.4	4184624	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.77E-06
4297	ALL	655239.8	4184634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	6.79E-06
4298	ALL	655262.1	4184645	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4299	ALL	655284.5	4184655	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06

4300	ALL	655306.8	4184665	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
4301	ALL	655329.2	4184675	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
4302	ALL	655351.5	4184686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4303	ALL	655373.9	4184696	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	6.80E-06
4304	ALL	655396.2	4184706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	6.78E-06
4305	ALL	655418.6	4184716	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	6.76E-06
4306	ALL	655440.9	4184727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	6.74E-06
4307	ALL	655463.3	4184737	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.72E-06
4308	ALL	655485.6	4184747	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
4309	ALL	655508	4184758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	6.67E-06
4310	ALL	655530.3	4184768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	6.65E-06
4311	ALL	655552.7	4184778	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.63E-06
4312	ALL	655575	4184788	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.61E-06
4313	ALL	655597.4	4184799	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	6.58E-06
4314	ALL	655619.7	4184809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	6.56E-06
4315	ALL	655642.1	4184819	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	6.54E-06
4316	ALL	655664.4	4184829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4317	ALL	655686.8	4184840	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.50E-06
4318	ALL	655709.1	4184850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	6.48E-06
4319	ALL	655731.5	4184860	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	6.46E-06
4320	ALL	655753.8	4184870	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	6.45E-06
4321	ALL	655776.1	4184881	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
4322	ALL	655798.5	4184891	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4323	ALL	655820.8	4184901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4324	ALL	655843.2	4184911	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
4325	ALL	655865.5	4184922	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	6.45E-06
4326	ALL	655887.9	4184932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.47E-06
4327	ALL	655910.2	4184942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	6.49E-06
4328	ALL	655932.6	4184952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4329	ALL	655954.9	4184963	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	6.55E-06
4330	ALL	655977.3	4184973	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	6.59E-06
4331	ALL	655999.6	4184983	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.62E-06
4332	ALL	656022	4184994	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	6.65E-06
4333	ALL	656044.3	4185004	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.69E-06
4334	ALL	656066.7	4185014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.72E-06
4335	ALL	656089	4185024	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	6.75E-06
4336	ALL	656111.4	4185035	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	6.78E-06
4337	ALL	656133.7	4185045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4338	ALL	656156.1	4185055	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	6.83E-06
4339	ALL	656178.4	4185065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
4340	ALL	656200.8	4185076	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
4341	ALL	656223.1	4185086	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
4342	ALL	656245.5	4185096	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4343	ALL	656267.8	4185106	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	6.95E-06
4344	ALL	656290.2	4185117	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	6.97E-06
4345	ALL	656312.5	4185127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4346	ALL	656334.9	4185137	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	7.02E-06
4347	ALL	656357.2	4185147	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4348	ALL	656379.6	4185158	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4349	ALL	656401.9	4185168	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06

4350	ALL	656424.3	4185178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4351	ALL	656446.6	4185188	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.08E-06
4352	ALL	656469	4185199	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4353	ALL	656491.3	4185209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4354	ALL	656513.7	4185219	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
4355	ALL	656536	4185230	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4356	ALL	656558.4	4185240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4357	ALL	656580.7	4185250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4358	ALL	656603.1	4185260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	7.02E-06
4359	ALL	656625.4	4185271	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	7.01E-06
4360	ALL	656647.8	4185281	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4361	ALL	656678.1	4185314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4362	ALL	656686.2	4185338	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	7.10E-06
4363	ALL	656694.2	4185361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	7.15E-06
4364	ALL	656702.3	4185384	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	7.20E-06
4365	ALL	656710.3	4185407	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	7.25E-06
4366	ALL	656718.3	4185431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	7.30E-06
4367	ALL	656726.4	4185454	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	7.35E-06
4368	ALL	656734.4	4185477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	7.40E-06
4369	ALL	656742.4	4185500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	7.45E-06
4370	ALL	656750.5	4185524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	7.49E-06
4371	ALL	656758.5	4185547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	7.54E-06
4372	ALL	656766.6	4185570	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.58E-06
4373	ALL	656774.6	4185593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	7.62E-06
4374	ALL	656782.6	4185616	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	7.66E-06
4375	ALL	656790.7	4185640	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4376	ALL	656798.7	4185663	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	7.74E-06
4377	ALL	656806.7	4185686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	7.78E-06
4378	ALL	656814.8	4185709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4379	ALL	656822.8	4185733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	7.85E-06
4380	ALL	656830.9	4185756	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	7.89E-06
4381	ALL	656838.9	4185779	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	7.93E-06
4382	ALL	656846.9	4185802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	7.97E-06	0.00E+00	0.00E+00	7.97E-06
4383	ALL	656855	4185826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	8.01E-06
4384	ALL	656863	4185849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4385	ALL	656871	4185872	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	8.09E-06
4386	ALL	656879.1	4185895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	8.14E-06
4387	ALL	656887.1	4185919	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	8.18E-06
4388	ALL	656895.2	4185942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4389	ALL	656903.2	4185965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	8.27E-06
4390	ALL	656911.2	4185988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4391	ALL	656919.3	4186012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4392	ALL	656927.3	4186035	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	8.38E-06
4393	ALL	656935.3	4186058	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.41E-06	0.00E+00	0.00E+00	8.41E-06
4394	ALL	656943.4	4186081	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4395	ALL	656951.4	4186105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4396	ALL	656959.5	4186128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	8.48E-06
4397	ALL	656967.5	4186151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	8.51E-06
4398	ALL	656975.5	4186174	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	8.53E-06
4399	ALL	656983.6	4186198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	8.55E-06

4400	ALL	656991.6	4186221	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	8.57E-06
4401	ALL	656999.6	4186244	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.60E-06	0.00E+00	0.00E+00	8.60E-06
4402	ALL	657007.7	4186267	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
4403	ALL	657015.7	4186290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	8.65E-06
4404	ALL	657023.8	4186314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	8.68E-06
4405	ALL	657031.8	4186337	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	8.70E-06
4406	ALL	657039.8	4186360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	8.72E-06
4407	ALL	657047.9	4186383	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4408	ALL	657055.9	4186407	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4409	ALL	657063.9	4186430	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4410	ALL	657072	4186453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4411	ALL	657080	4186476	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4412	ALL	657088.1	4186500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4413	ALL	657096.1	4186523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.75E-06	0.00E+00	0.00E+00	8.75E-06
4414	ALL	657104.1	4186546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4415	ALL	657112.2	4186569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	8.71E-06
4416	ALL	657120.2	4186593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	8.69E-06
4417	ALL	657128.2	4186616	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	8.66E-06
4418	ALL	657136.3	4186639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.64E-06	0.00E+00	0.00E+00	8.64E-06
4419	ALL	657144.3	4186662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
4420	ALL	657152.4	4186686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.60E-06	0.00E+00	0.00E+00	8.60E-06
4421	ALL	657160.4	4186709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	8.58E-06
4422	ALL	657168.4	4186732	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	8.56E-06
4423	ALL	657176.5	4186755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	8.54E-06
4424	ALL	657184.5	4186779	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	8.53E-06
4425	ALL	657192.6	4186802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	8.51E-06
4426	ALL	657200.6	4186825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.50E-06	0.00E+00	0.00E+00	8.50E-06
4427	ALL	657208.6	4186848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.49E-06	0.00E+00	0.00E+00	8.49E-06
4428	ALL	657216.7	4186872	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4429	ALL	657224.7	4186895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4430	ALL	657232.7	4186918	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4431	ALL	657240.8	4186941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4432	ALL	657248.8	4186964	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.42E-06
4433	ALL	657256.9	4186988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	8.40E-06
4434	ALL	657264.9	4187011	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4435	ALL	657272.9	4187034	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	8.38E-06
4436	ALL	657281	4187057	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	8.37E-06
4437	ALL	657289	4187081	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	8.37E-06
4438	ALL	657297	4187104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4439	ALL	657305.1	4187127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4440	ALL	657313.1	4187150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4441	ALL	657321.2	4187174	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4442	ALL	657329.2	4187197	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4443	ALL	657337.2	4187220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4444	ALL	657345.3	4187243	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4445	ALL	657353.3	4187267	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	8.34E-06
4446	ALL	657361.3	4187290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4447	ALL	657369.4	4187313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4448	ALL	657377.4	4187336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4449	ALL	657385.5	4187360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	8.30E-06

4450	ALL	657393.5	4187383	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	8.29E-06
4451	ALL	657401.5	4187406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	8.27E-06
4452	ALL	657409.6	4187429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4453	ALL	657417.6	4187453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4454	ALL	657425.6	4187476	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4455	ALL	657433.7	4187499	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	8.17E-06
4456	ALL	657441.7	4187522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	8.14E-06
4457	ALL	657449.8	4187546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.10E-06
4458	ALL	657457.8	4187569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	8.06E-06
4459	ALL	657465.8	4187592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	8.01E-06
4460	ALL	657473.9	4187615	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	7.97E-06	0.00E+00	0.00E+00	7.97E-06
4461	ALL	657481.9	4187638	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	7.91E-06
4462	ALL	657489.9	4187662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.86E-06	0.00E+00	0.00E+00	7.86E-06
4463	ALL	657498	4187685	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4464	ALL	657506	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	7.75E-06
4465	ALL	657514.1	4187731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4466	ALL	657522.1	4187755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	7.64E-06
4467	ALL	657530.1	4187778	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.58E-06
4468	ALL	657538.2	4187801	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	7.53E-06
4469	ALL	657546.2	4187824	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	7.47E-06
4470	ALL	657554.2	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	7.42E-06
4471	ALL	657562.3	4187871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	7.36E-06
4472	ALL	657570.3	4187894	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	7.31E-06
4473	ALL	657578.4	4187917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	7.26E-06
4474	ALL	657586.4	4187941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	7.21E-06
4475	ALL	657594.4	4187964	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.16E-06
4476	ALL	657602.5	4187987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4477	ALL	657610.5	4188010	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4478	ALL	657618.5	4188034	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4479	ALL	657626.6	4188057	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4480	ALL	657634.6	4188080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	6.96E-06
4481	ALL	657642.7	4188103	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4482	ALL	657650.7	4188127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
4483	ALL	653921.2	4184029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-08	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	4.43E-06
4484	ALL	653896.4	4184028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-08	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.41E-06
4485	ALL	653871.6	4184028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-08	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	4.39E-06
4486	ALL	653846.9	4184027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-08	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.37E-06
4487	ALL	653822.1	4184026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-08	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.35E-06
4488	ALL	653797.3	4184026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-08	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.33E-06
4489	ALL	653669.5	4187873	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4490	ALL	653667.7	4187915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	2.86E-03
4491	ALL	653665.9	4187957	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
4492	ALL	653652.5	4187855	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
4493	ALL	653643.6	4187893	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
4494	ALL	653641.8	4187935	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
4495	ALL	653640	4187977	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	3.57E-03
4496	ALL	653627.5	4187854	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	9.50E-04
4497	ALL	653661.1	4187813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	8.74E-04
4498	ALL	653618.6	4187892	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
4499	ALL	653616.8	4187934	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03

4500	ALL	653615	4187975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
4501	ALL	653602.5	4187853	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
4502	ALL	653618.4	4187818	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
4503	ALL	653644	4187794	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
4504	ALL	653593.7	4187891	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	9.97E-04
4505	ALL	653591.8	4187933	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4506	ALL	653590	4187974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4507	ALL	653552.5	4187851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	5.75E-04
4508	ALL	653568.4	4187816	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
4509	ALL	653584.3	4187782	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	4.51E-04
4510	ALL	653609.9	4187758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
4511	ALL	653645.3	4187744	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
4512	ALL	653543.7	4187889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
4513	ALL	653541.9	4187930	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	8.43E-04	0.00E+00	0.00E+00	8.43E-04
4514	ALL	653540.1	4187972	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	9.86E-04
4515	ALL	653502.6	4187848	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
4516	ALL	653518.5	4187814	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4517	ALL	653534.3	4187780	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
4518	ALL	653550.2	4187745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	3.23E-04
4519	ALL	653575.8	4187721	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
4520	ALL	653611.2	4187708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	3.61E-04
4521	ALL	653646.7	4187694	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	3.79E-04
4522	ALL	653493.8	4187886	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-06	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
4523	ALL	653491.9	4187928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
4524	ALL	653490.1	4187970	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	6.58E-04
4525	ALL	653452.6	4187846	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
4526	ALL	653468.5	4187812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4527	ALL	653484.4	4187777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	2.91E-04
4528	ALL	653500.2	4187743	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	2.64E-04
4529	ALL	653516.1	4187709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	2.45E-04
4530	ALL	653541.7	4187685	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	2.47E-04
4531	ALL	653577.2	4187671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	2.70E-04
4532	ALL	653612.6	4187658	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	2.90E-04
4533	ALL	653648	4187645	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
4534	ALL	653443.8	4187884	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
4535	ALL	653442	4187926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
4536	ALL	653440.2	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4537	ALL	653403.4	4187842	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04
4538	ALL	653420.7	4187805	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	2.57E-04
4539	ALL	653438	4187767	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	2.40E-04
4540	ALL	653455.3	4187730	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	2.18E-04
4541	ALL	653472.6	4187692	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	2.00E-04
4542	ALL	653509.2	4187648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
4543	ALL	653547.9	4187633	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	2.13E-04
4544	ALL	653586.5	4187618	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	2.30E-04
4545	ALL	653625.2	4187604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	2.37E-04
4546	ALL	653663.8	4187589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	2.29E-04
4547	ALL	653393.8	4187882	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	2.96E-04
4548	ALL	653392	4187924	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	3.31E-04
4549	ALL	653390.2	4187966	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	3.61E-04

4550	ALL	653353.3	4187841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	2.24E-04
4551	ALL	653370.4	4187804	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	2.13E-04
4552	ALL	653387.5	4187766	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	2.04E-04
4553	ALL	653404.6	4187729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.89E-04
4554	ALL	653421.7	4187692	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	1.74E-04
4555	ALL	653438.8	4187655	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
4556	ALL	653474.9	4187611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
4557	ALL	653513.1	4187597	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	1.70E-04
4558	ALL	653551.2	4187582	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	1.84E-04
4559	ALL	653589.4	4187568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	1.94E-04
4560	ALL	653627.5	4187553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	1.94E-04
4561	ALL	653665.7	4187539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	1.86E-04
4562	ALL	653343.9	4187880	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	2.40E-04
4563	ALL	653342.1	4187922	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	2.64E-04
4564	ALL	653340.3	4187963	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	2.85E-04
4565	ALL	653253.3	4187837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	1.60E-04
4566	ALL	653270.1	4187800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.55E-04
4567	ALL	653286.9	4187764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	1.49E-04
4568	ALL	653303.7	4187727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.44E-04
4569	ALL	653320.5	4187691	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
4570	ALL	653337.3	4187654	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	1.28E-04
4571	ALL	653354.1	4187618	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
4572	ALL	653370.9	4187582	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
4573	ALL	653406.4	4187538	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
4574	ALL	653443.9	4187524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
4575	ALL	653481.4	4187510	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.25E-04
4576	ALL	653518.9	4187495	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	1.33E-04
4577	ALL	653556.4	4187481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	1.39E-04
4578	ALL	653594	4187467	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
4579	ALL	653631.5	4187453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	1.37E-04
4580	ALL	653669	4187439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.30E-04
4581	ALL	653244	4187876	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	1.68E-04
4582	ALL	653242.2	4187917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	1.82E-04
4583	ALL	653240.4	4187959	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	1.93E-04
4584	ALL	653153.7	4187831	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
4585	ALL	653171.2	4187794	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.18E-04
4586	ALL	653188.6	4187756	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
4587	ALL	653206.1	4187718	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.11E-04
4588	ALL	653223.5	4187680	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
4589	ALL	653241	4187642	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4590	ALL	653258.4	4187604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	9.68E-05
4591	ALL	653275.8	4187567	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	9.10E-05
4592	ALL	653293.3	4187529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	8.63E-05	0.00E+00	0.00E+00	8.63E-05
4593	ALL	653310.7	4187491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	8.24E-05
4594	ALL	653339	4187465	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	8.26E-05
4595	ALL	653377.9	4187450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	8.70E-05	0.00E+00	0.00E+00	8.70E-05
4596	ALL	653416.9	4187435	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	9.18E-05	0.00E+00	0.00E+00	9.18E-05
4597	ALL	653455.9	4187420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.73E-05	0.00E+00	0.00E+00	9.73E-05
4598	ALL	653494.8	4187406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4599	ALL	653533.8	4187391	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04

4600	ALL	653572.8	4187376	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.06E-04
4601	ALL	653611.7	4187361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.04E-04
4602	ALL	653650.7	4187347	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	9.95E-05
4603	ALL	653144.1	4187871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	1.26E-04
4604	ALL	653142.3	4187913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.34E-04
4605	ALL	653140.4	4187955	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	1.41E-04
4606	ALL	653053.7	4187827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.47E-05	0.00E+00	0.00E+00	9.47E-05
4607	ALL	653070.9	4187790	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	9.34E-05
4608	ALL	653088	4187753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	9.12E-05
4609	ALL	653105.2	4187716	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	8.84E-05
4610	ALL	653122.4	4187678	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	8.63E-05	0.00E+00	0.00E+00	8.63E-05
4611	ALL	653139.6	4187641	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	8.43E-05
4612	ALL	653156.8	4187604	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	8.14E-05
4613	ALL	653174	4187567	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	7.76E-05
4614	ALL	653191.1	4187529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	7.36E-05
4615	ALL	653208.3	4187492	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	6.99E-05
4616	ALL	653225.5	4187455	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	6.69E-05
4617	ALL	653242.7	4187417	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	6.44E-05
4618	ALL	653270.5	4187392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	6.44E-05
4619	ALL	653308.9	4187377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	6.73E-05
4620	ALL	653347.2	4187363	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	7.04E-05
4621	ALL	653385.6	4187348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	7.38E-05
4622	ALL	653424	4187333	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	7.77E-05
4623	ALL	653462.4	4187319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	8.14E-05
4624	ALL	653500.7	4187304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	8.38E-05
4625	ALL	653539.1	4187290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	8.43E-05
4626	ALL	653577.5	4187275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	8.29E-05
4627	ALL	653615.9	4187261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	8.04E-05	0.00E+00	0.00E+00	8.04E-05
4628	ALL	653654.3	4187246	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.70E-05	0.00E+00	0.00E+00	7.70E-05
4629	ALL	653044.2	4187867	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	9.82E-05
4630	ALL	653042.4	4187909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4631	ALL	653040.5	4187950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
4632	ALL	652953.7	4187823	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	7.67E-05
4633	ALL	652970.7	4187786	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	7.58E-05
4634	ALL	652987.7	4187750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	7.47E-05
4635	ALL	653004.7	4187713	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	7.29E-05
4636	ALL	653021.7	4187676	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	7.09E-05
4637	ALL	653038.7	4187639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	6.95E-05
4638	ALL	653055.6	4187602	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	6.82E-05
4639	ALL	653072.6	4187565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	6.64E-05
4640	ALL	653089.6	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	6.39E-05
4641	ALL	653106.6	4187492	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	6.10E-05	0.00E+00	0.00E+00	6.10E-05
4642	ALL	653123.6	4187455	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	5.82E-05
4643	ALL	653140.6	4187418	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	5.58E-05
4644	ALL	653157.6	4187381	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4645	ALL	653174.6	4187344	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	5.19E-05
4646	ALL	653202.1	4187318	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	5.18E-05
4647	ALL	653240	4187304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4648	ALL	653278	4187290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	5.60E-05
4649	ALL	653316	4187275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	5.82E-05

4650	ALL	653353.9	4187261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	6.08E-05
4651	ALL	653391.9	4187247	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	6.38E-05
4652	ALL	653429.8	4187232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	6.64E-05
4653	ALL	653467.8	4187218	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	6.81E-05
4654	ALL	653505.7	4187204	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	6.86E-05
4655	ALL	653543.7	4187189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	6.79E-05
4656	ALL	653581.7	4187175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	6.63E-05
4657	ALL	653619.6	4187160	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	6.43E-05
4658	ALL	653657.6	4187146	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.15E-05	0.00E+00	0.00E+00	6.15E-05
4659	ALL	652944.3	4187863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	7.91E-05	0.00E+00	0.00E+00	7.91E-05
4660	ALL	652942.5	4187904	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	8.27E-05
4661	ALL	652940.6	4187946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	8.59E-05
4662	ALL	652854	4187818	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	6.36E-05
4663	ALL	652871.4	4187781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	6.28E-05
4664	ALL	652888.8	4187743	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	6.22E-05
4665	ALL	652906.2	4187705	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	6.12E-05
4666	ALL	652923.6	4187668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	5.96E-05
4667	ALL	652941	4187630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	5.82E-05
4668	ALL	652958.4	4187592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	5.73E-05
4669	ALL	652975.7	4187554	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	5.63E-05
4670	ALL	652993.1	4187517	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	5.49E-05
4671	ALL	653010.5	4187479	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	5.30E-05
4672	ALL	653027.9	4187441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	5.09E-05
4673	ALL	653045.3	4187403	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-07	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	4.87E-05
4674	ALL	653062.7	4187366	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	4.67E-05
4675	ALL	653080.1	4187328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-07	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	4.51E-05
4676	ALL	653097.5	4187290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	4.36E-05
4677	ALL	653134.3	4187245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	4.28E-05
4678	ALL	653173.2	4187230	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-07	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	4.43E-05
4679	ALL	653212.1	4187216	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	4.60E-05
4680	ALL	653250.9	4187201	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	4.76E-05
4681	ALL	653289.8	4187186	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-07	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	4.93E-05
4682	ALL	653328.6	4187172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	5.15E-05
4683	ALL	653367.5	4187157	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4684	ALL	653406.3	4187142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	5.57E-05
4685	ALL	653445.2	4187128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	5.68E-05
4686	ALL	653484	4187113	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	5.71E-05
4687	ALL	653522.9	4187098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	5.65E-05
4688	ALL	653561.8	4187083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	5.53E-05
4689	ALL	653600.6	4187069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	5.37E-05
4690	ALL	653639.5	4187054	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	5.17E-05
4691	ALL	653678.3	4187039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	4.92E-05
4692	ALL	652844.4	4187858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	6.54E-05
4693	ALL	652842.6	4187900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	6.79E-05
4694	ALL	652840.7	4187942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	7.02E-05
4695	ALL	652604.2	4187807	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	4.30E-05
4696	ALL	652621.7	4187770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	4.25E-05
4697	ALL	652639.1	4187732	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	4.21E-05
4698	ALL	652656.6	4187694	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-07	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	4.19E-05
4699	ALL	652674	4187656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	4.15E-05

4700	ALL	652691.5	4187618	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-07	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	4.07E-05
4701	ALL	652708.9	4187580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	3.98E-05
4702	ALL	652726.4	4187543	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	3.91E-05
4703	ALL	652743.8	4187505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	3.86E-05
4704	ALL	652761.3	4187467	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-07	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	3.82E-05
4705	ALL	652778.7	4187429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	3.76E-05
4706	ALL	652796.2	4187391	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.68E-05
4707	ALL	652813.6	4187353	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-07	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	3.58E-05
4708	ALL	652831.1	4187316	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-07	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	3.46E-05
4709	ALL	652848.5	4187278	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-07	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	3.35E-05
4710	ALL	652865.9	4187240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-07	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	3.23E-05
4711	ALL	652883.4	4187202	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-07	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	3.13E-05
4712	ALL	652900.8	4187164	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-07	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4713	ALL	652918.3	4187126	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-07	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	2.96E-05
4714	ALL	652935.7	4187089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
4715	ALL	652963.9	4187062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	2.88E-05
4716	ALL	653002.9	4187048	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-07	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	2.95E-05
4717	ALL	653041.9	4187033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4718	ALL	653080.9	4187018	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-07	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	3.13E-05
4719	ALL	653119.8	4187003	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-07	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	3.21E-05
4720	ALL	653158.8	4186989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-07	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	3.30E-05
4721	ALL	653197.8	4186974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-07	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	3.41E-05
4722	ALL	653236.7	4186959	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-07	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	3.54E-05
4723	ALL	653275.7	4186944	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	3.67E-05
4724	ALL	653314.7	4186930	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-07	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	3.78E-05
4725	ALL	653353.6	4186915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	3.85E-05
4726	ALL	653392.6	4186900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-07	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	3.88E-05
4727	ALL	653431.6	4186885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-07	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	3.88E-05
4728	ALL	653470.5	4186871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-07	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	3.84E-05
4729	ALL	653509.5	4186856	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-07	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	3.77E-05
4730	ALL	653548.5	4186841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	3.69E-05
4731	ALL	653587.5	4186826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	3.60E-05
4732	ALL	653626.4	4186812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-07	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	3.47E-05
4733	ALL	653665.4	4186797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-07	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	3.33E-05
4734	ALL	652594.6	4187847	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	4.39E-05
4735	ALL	652592.8	4187889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	4.51E-05
4736	ALL	652591	4187931	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	4.63E-05
4737	ALL	652354.5	4187797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-07	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	3.14E-05
4738	ALL	652372	4187759	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-07	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	3.11E-05
4739	ALL	652389.5	4187721	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-07	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	3.08E-05
4740	ALL	652406.9	4187683	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-07	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	3.05E-05
4741	ALL	652424.4	4187645	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4742	ALL	652441.9	4187607	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-07	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	3.02E-05
4743	ALL	652459.4	4187569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-07	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	2.99E-05
4744	ALL	652476.9	4187531	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-07	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.93E-05
4745	ALL	652494.3	4187493	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-07	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	2.88E-05
4746	ALL	652511.8	4187455	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.84E-05
4747	ALL	652529.3	4187417	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.81E-05
4748	ALL	652546.8	4187380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
4749	ALL	652564.2	4187342	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05

4750	ALL	652581.7	4187304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-07	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	2.72E-05
4751	ALL	652599.2	4187266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
4752	ALL	652616.7	4187228	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4753	ALL	652634.2	4187190	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-07	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	2.54E-05
4754	ALL	652651.6	4187152	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-07	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	2.47E-05
4755	ALL	652669.1	4187114	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.40E-05
4756	ALL	652686.6	4187076	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	2.33E-05
4757	ALL	652704.1	4187038	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
4758	ALL	652721.6	4187000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.22E-05
4759	ALL	652739	4186963	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-07	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.17E-05
4760	ALL	652756.5	4186925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-07	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4761	ALL	652793.5	4186879	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-07	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4762	ALL	652832.6	4186865	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-07	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.13E-05
4763	ALL	652871.6	4186850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-07	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.18E-05
4764	ALL	652910.6	4186835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
4765	ALL	652949.7	4186820	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.29E-05
4766	ALL	652988.7	4186806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05
4767	ALL	653027.8	4186791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.39E-05
4768	ALL	653066.8	4186776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-07	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.45E-05
4769	ALL	653105.9	4186761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	2.53E-05
4770	ALL	653144.9	4186746	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4771	ALL	653183.9	4186732	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.69E-05
4772	ALL	653223	4186717	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05
4773	ALL	653262	4186702	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-07	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.80E-05
4774	ALL	653301.1	4186687	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-07	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	2.83E-05
4775	ALL	653340.1	4186673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	2.85E-05
4776	ALL	653379.2	4186658	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-07	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.84E-05
4777	ALL	653418.2	4186643	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.81E-05
4778	ALL	653457.2	4186628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05
4779	ALL	653496.3	4186613	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-07	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	2.72E-05
4780	ALL	653535.3	4186599	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
4781	ALL	653574.4	4186584	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4782	ALL	653613.4	4186569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
4783	ALL	653652.4	4186554	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-07	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	2.42E-05
4784	ALL	653691.5	4186540	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05
4785	ALL	652344.8	4187836	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-07	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	3.18E-05
4786	ALL	652343	4187878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-07	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	3.25E-05
4787	ALL	652341.2	4187920	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-07	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	3.31E-05
4788	ALL	652104.7	4187786	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.40E-05
4789	ALL	652122.2	4187748	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.39E-05
4790	ALL	652139.7	4187710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-07	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	2.37E-05
4791	ALL	652157.2	4187672	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	2.35E-05
4792	ALL	652174.7	4187634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-07	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	2.33E-05
4793	ALL	652192.3	4187596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
4794	ALL	652209.8	4187558	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
4795	ALL	652227.3	4187520	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.30E-05
4796	ALL	652244.8	4187482	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
4797	ALL	652262.3	4187444	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
4798	ALL	652279.8	4187406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4799	ALL	652297.3	4187368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.17E-05

4800	ALL	652314.8	4187330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.15E-05
4801	ALL	652332.3	4187292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.14E-05
4802	ALL	652349.8	4187254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4803	ALL	652367.3	4187216	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-07	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4804	ALL	652384.8	4187178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
4805	ALL	652402.3	4187140	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-07	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	2.05E-05
4806	ALL	652419.8	4187102	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.00E-05
4807	ALL	652437.3	4187064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.95E-05
4808	ALL	652454.8	4187027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4809	ALL	652472.3	4186989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.87E-05
4810	ALL	652489.8	4186951	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4811	ALL	652507.3	4186913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4812	ALL	652524.8	4186875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4813	ALL	652542.3	4186837	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.70E-05
4814	ALL	652559.8	4186799	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4815	ALL	652577.3	4186761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.64E-05
4816	ALL	652594.8	4186723	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-07	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.61E-05
4817	ALL	652623.1	4186696	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-07	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.61E-05
4818	ALL	652662.2	4186682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4819	ALL	652701.3	4186667	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
4820	ALL	652740.4	4186652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4821	ALL	652779.5	4186637	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-07	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.73E-05
4822	ALL	652818.5	4186623	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4823	ALL	652857.6	4186608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4824	ALL	652896.7	4186593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4825	ALL	652935.8	4186578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4826	ALL	652974.9	4186563	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4827	ALL	653014	4186549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-07	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	1.96E-05
4828	ALL	653053.1	4186534	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-07	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	2.02E-05
4829	ALL	653092.2	4186519	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
4830	ALL	653131.3	4186504	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-07	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4831	ALL	653170.4	4186489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-07	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.15E-05
4832	ALL	653209.5	4186475	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.17E-05
4833	ALL	653248.6	4186460	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-07	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4834	ALL	653287.6	4186445	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-07	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4835	ALL	653326.7	4186430	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.18E-05
4836	ALL	653365.8	4186415	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-07	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.16E-05
4837	ALL	653404.9	4186401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.13E-05
4838	ALL	653444	4186386	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-07	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4839	ALL	653483.1	4186371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	2.07E-05
4840	ALL	653522.2	4186356	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-07	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	2.04E-05
4841	ALL	653561.3	4186341	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-07	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	1.99E-05
4842	ALL	653600.4	4186327	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-07	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.93E-05
4843	ALL	653639.5	4186312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4844	ALL	653678.6	4186297	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4845	ALL	652095.1	4187826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	2.43E-05
4846	ALL	652093.3	4187867	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	2.47E-05
4847	ALL	652091.4	4187909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	2.51E-05
4848	ALL	651854.9	4187775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4849	ALL	651872.1	4187738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.91E-05

4850	ALL	651889.4	4187700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
4851	ALL	651906.6	4187663	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.88E-05
4852	ALL	651923.9	4187625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4853	ALL	651941.2	4187588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-07	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.85E-05
4854	ALL	651958.4	4187550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.85E-05
4855	ALL	651975.7	4187513	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
4856	ALL	651992.9	4187476	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.84E-05
4857	ALL	652010.2	4187438	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-07	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4858	ALL	652027.5	4187401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4859	ALL	652044.7	4187363	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-07	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4860	ALL	652062	4187326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4861	ALL	652079.2	4187288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-07	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.72E-05
4862	ALL	652096.5	4187251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4863	ALL	652113.8	4187214	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.70E-05
4864	ALL	652131	4187176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4865	ALL	652148.3	4187139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-07	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.68E-05
4866	ALL	652165.5	4187101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4867	ALL	652182.8	4187064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.66E-05
4868	ALL	652200.1	4187026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4869	ALL	652217.3	4186989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-07	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	1.60E-05
4870	ALL	652234.6	4186952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
4871	ALL	652251.8	4186914	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
4872	ALL	652269.1	4186877	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
4873	ALL	652286.4	4186839	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.48E-05
4874	ALL	652303.6	4186802	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
4875	ALL	652320.9	4186764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
4876	ALL	652338.1	4186727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
4877	ALL	652355.4	4186689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
4878	ALL	652372.7	4186652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
4879	ALL	652389.9	4186615	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
4880	ALL	652407.2	4186577	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4881	ALL	652424.5	4186540	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05
4882	ALL	652452.4	4186514	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.28E-05
4883	ALL	652490.9	4186499	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4884	ALL	652529.5	4186485	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
4885	ALL	652568	4186470	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
4886	ALL	652606.6	4186455	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
4887	ALL	652645.1	4186441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
4888	ALL	652683.7	4186426	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
4889	ALL	652722.2	4186412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
4890	ALL	652760.8	4186397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
4891	ALL	652799.3	4186382	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
4892	ALL	652837.9	4186368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
4893	ALL	652876.4	4186353	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
4894	ALL	652915	4186339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
4895	ALL	652953.5	4186324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.62E-05
4896	ALL	652992.1	4186309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.65E-05
4897	ALL	653030.7	4186295	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.68E-05
4898	ALL	653069.2	4186280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4899	ALL	653107.8	4186266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-07	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.73E-05

4900	ALL	653146.3	4186251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4901	ALL	653184.9	4186237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.75E-05
4902	ALL	653223.4	4186222	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.75E-05
4903	ALL	653262	4186207	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4904	ALL	653300.5	4186193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-07	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.73E-05
4905	ALL	653339.1	4186178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4906	ALL	653377.6	4186164	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4907	ALL	653416.2	4186149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4908	ALL	653454.7	4186134	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.65E-05
4909	ALL	653493.3	4186120	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4910	ALL	653531.8	4186105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-07	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.59E-05
4911	ALL	653570.4	4186091	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-07	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.55E-05
4912	ALL	653608.9	4186076	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
4913	ALL	653647.5	4186061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
4914	ALL	653686.1	4186047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
4915	ALL	651845.3	4187815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-07	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.92E-05
4916	ALL	651843.5	4187856	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.95E-05
4917	ALL	651841.7	4187898	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.98E-05
4918	ALL	651355.4	4187753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4919	ALL	651372.7	4187716	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4920	ALL	651390	4187678	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4921	ALL	651407.4	4187640	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4922	ALL	651424.7	4187603	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4923	ALL	651442.1	4187565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4924	ALL	651459.4	4187528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4925	ALL	651476.7	4187490	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4926	ALL	651494.1	4187452	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4927	ALL	651511.4	4187415	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4928	ALL	651528.7	4187377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4929	ALL	651546.1	4187340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.25E-05
4930	ALL	651563.4	4187302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.24E-05
4931	ALL	651580.7	4187264	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.23E-05
4932	ALL	651598.1	4187227	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.21E-05
4933	ALL	651615.4	4187189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4934	ALL	651632.8	4187152	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4935	ALL	651650.1	4187114	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4936	ALL	651667.4	4187076	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4937	ALL	651684.8	4187039	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4938	ALL	651702.1	4187001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4939	ALL	651719.4	4186964	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4940	ALL	651736.8	4186926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4941	ALL	651754.1	4186888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4942	ALL	651771.4	4186851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4943	ALL	651788.8	4186813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4944	ALL	651806.1	4186776	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4945	ALL	651823.5	4186738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4946	ALL	651840.8	4186700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4947	ALL	651858.1	4186663	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4948	ALL	651875.5	4186625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4949	ALL	651892.8	4186588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05

4950	ALL	651910.1	4186550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4951	ALL	651927.5	4186512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	9.95E-06
4952	ALL	651944.8	4186475	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.78E-06	0.00E+00	0.00E+00	9.78E-06
4953	ALL	651962.1	4186437	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-07	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	9.62E-06
4954	ALL	651979.5	4186400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	9.48E-06
4955	ALL	651996.8	4186362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-07	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	9.35E-06
4956	ALL	652014.2	4186324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	9.23E-06
4957	ALL	652031.5	4186287	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	9.10E-06
4958	ALL	652048.8	4186249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.98E-06	0.00E+00	0.00E+00	8.98E-06
4959	ALL	652066.2	4186212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	8.87E-06
4960	ALL	652083.5	4186174	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4961	ALL	652111.5	4186148	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.75E-06	0.00E+00	0.00E+00	8.75E-06
4962	ALL	652150.2	4186133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.83E-06	0.00E+00	0.00E+00	8.83E-06
4963	ALL	652189	4186119	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	8.92E-06
4964	ALL	652227.7	4186104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	9.02E-06
4965	ALL	652266.4	4186089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	9.14E-06
4966	ALL	652305.1	4186075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-07	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	9.30E-06
4967	ALL	652343.9	4186060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	9.46E-06
4968	ALL	652382.6	4186045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-07	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	9.61E-06
4969	ALL	652421.3	4186031	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	9.73E-06
4970	ALL	652460	4186016	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	9.82E-06
4971	ALL	652498.8	4186001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	9.89E-06
4972	ALL	652537.5	4185987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	9.99E-06
4973	ALL	652576.2	4185972	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4974	ALL	652614.9	4185957	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4975	ALL	652653.6	4185943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4976	ALL	652692.4	4185928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4977	ALL	652731.1	4185913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4978	ALL	652769.8	4185899	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4979	ALL	652808.5	4185884	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4980	ALL	652847.3	4185870	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4981	ALL	652886	4185855	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4982	ALL	652924.7	4185840	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4983	ALL	652963.4	4185826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4984	ALL	653002.1	4185811	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4985	ALL	653040.9	4185796	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4986	ALL	653079.6	4185782	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4987	ALL	653118.3	4185767	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4988	ALL	653157	4185752	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4989	ALL	653195.8	4185738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4990	ALL	653234.5	4185723	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-07	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4991	ALL	653273.2	4185708	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4992	ALL	653311.9	4185694	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4993	ALL	653350.7	4185679	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4994	ALL	653389.4	4185664	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4995	ALL	653428.1	4185650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4996	ALL	653466.8	4185635	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4997	ALL	653505.5	4185620	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4998	ALL	653544.3	4185606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4999	ALL	653583	4185591	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05

5000	ALL	653621.7	4185576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	9.99E-06
5001	ALL	653660.4	4185562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	9.77E-06
5002	ALL	653699.2	4185547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	9.61E-06
5003	ALL	651345.8	4187793	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5004	ALL	651344	4187835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
5005	ALL	651342.2	4187876	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5006	ALL	650855.9	4187731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	9.52E-06
5007	ALL	650873.3	4187694	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	9.54E-06
5008	ALL	650890.6	4187656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	9.54E-06
5009	ALL	650908	4187618	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5010	ALL	650925.4	4187581	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	9.50E-06
5011	ALL	650942.8	4187543	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	9.45E-06
5012	ALL	650960.2	4187505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-07	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	9.38E-06
5013	ALL	650977.6	4187467	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-07	0.00E+00	0.00E+00	9.31E-06	0.00E+00	0.00E+00	9.31E-06
5014	ALL	650995	4187430	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.25E-06	0.00E+00	0.00E+00	9.25E-06
5015	ALL	651012.3	4187392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	9.21E-06
5016	ALL	651029.7	4187354	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	9.20E-06
5017	ALL	651047.1	4187317	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	9.21E-06
5018	ALL	651064.5	4187279	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	9.22E-06
5019	ALL	651081.9	4187241	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	9.23E-06
5020	ALL	651099.3	4187203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	9.20E-06
5021	ALL	651116.7	4187166	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	9.14E-06
5022	ALL	651134	4187128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-07	0.00E+00	0.00E+00	9.04E-06	0.00E+00	0.00E+00	9.04E-06
5023	ALL	651151.4	4187090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	8.92E-06
5024	ALL	651168.8	4187053	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	8.81E-06
5025	ALL	651186.2	4187015	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	8.72E-06
5026	ALL	651203.6	4186977	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	8.66E-06
5027	ALL	651221	4186940	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5028	ALL	651238.4	4186902	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	8.59E-06
5029	ALL	651255.7	4186864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	8.57E-06
5030	ALL	651273.1	4186826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5031	ALL	651290.5	4186789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.50E-06	0.00E+00	0.00E+00	8.50E-06
5032	ALL	651307.9	4186751	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
5033	ALL	651325.3	4186713	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5034	ALL	651342.7	4186676	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	8.40E-06
5035	ALL	651360.1	4186638	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	8.38E-06
5036	ALL	651377.4	4186600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.35E-06
5037	ALL	651394.8	4186562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.28E-06	0.00E+00	0.00E+00	8.28E-06
5038	ALL	651412.2	4186525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	8.19E-06
5039	ALL	651429.6	4186487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	8.07E-06
5040	ALL	651447	4186449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	7.96E-06
5041	ALL	651464.4	4186412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	7.84E-06
5042	ALL	651481.8	4186374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	7.75E-06
5043	ALL	651499.2	4186336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	7.65E-06
5044	ALL	651516.5	4186299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5045	ALL	651533.9	4186261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	7.45E-06
5046	ALL	651551.3	4186223	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	7.34E-06
5047	ALL	651568.7	4186185	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	7.23E-06
5048	ALL	651586.1	4186148	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	7.13E-06
5049	ALL	651603.5	4186110	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06

5050	ALL	651620.9	4186072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	6.96E-06
5051	ALL	651638.2	4186035	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5052	ALL	651655.6	4185997	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	6.80E-06
5053	ALL	651673	4185959	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.72E-06
5054	ALL	651690.4	4185921	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	6.64E-06
5055	ALL	651707.8	4185884	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	6.56E-06
5056	ALL	651725.2	4185846	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.50E-06
5057	ALL	651742.6	4185808	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5058	ALL	651770.7	4185782	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5059	ALL	651809.5	4185767	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	6.48E-06
5060	ALL	651848.3	4185753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	6.54E-06
5061	ALL	651887.2	4185738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	6.59E-06
5062	ALL	651926	4185723	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5063	ALL	651964.8	4185709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.73E-06
5064	ALL	652003.7	4185694	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5065	ALL	652042.5	4185679	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.93E-06
5066	ALL	652081.3	4185665	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.03E-06
5067	ALL	652120.2	4185650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5068	ALL	652159	4185635	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	7.18E-06
5069	ALL	652197.8	4185621	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	7.23E-06
5070	ALL	652236.7	4185606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	7.26E-06
5071	ALL	652275.5	4185591	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5072	ALL	652314.3	4185576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5073	ALL	652353.2	4185562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	7.46E-06
5074	ALL	652392	4185547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	7.57E-06
5075	ALL	652430.8	4185532	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.70E-06
5076	ALL	652469.7	4185518	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	7.85E-06
5077	ALL	652508.5	4185503	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	8.01E-06
5078	ALL	652547.3	4185488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	8.17E-06
5079	ALL	652586.2	4185474	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	8.31E-06
5080	ALL	652625	4185459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.44E-06
5081	ALL	652663.8	4185444	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5082	ALL	652702.7	4185429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5083	ALL	652741.5	4185415	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	8.68E-06
5084	ALL	652780.3	4185400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.74E-06
5085	ALL	652819.2	4185385	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	8.79E-06
5086	ALL	652858	4185371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	8.84E-06
5087	ALL	652896.8	4185356	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	8.87E-06
5088	ALL	652935.7	4185341	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5089	ALL	652974.5	4185327	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5090	ALL	653013.3	4185312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	8.86E-06
5091	ALL	653052.2	4185297	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.82E-06	0.00E+00	0.00E+00	8.82E-06
5092	ALL	653091	4185283	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	8.76E-06
5093	ALL	653129.8	4185268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	8.69E-06
5094	ALL	653168.7	4185253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5095	ALL	653207.5	4185238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	8.55E-06
5096	ALL	653246.3	4185224	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.49E-06	0.00E+00	0.00E+00	8.49E-06
5097	ALL	653285.2	4185209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5098	ALL	653324	4185194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	8.37E-06
5099	ALL	653362.8	4185180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	8.30E-06

5100	ALL	653401.7	4185165	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.20E-06	0.00E+00	0.00E+00	8.20E-06
5101	ALL	653440.5	4185150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	8.08E-06
5102	ALL	653479.3	4185136	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	7.92E-06
5103	ALL	653518.2	4185121	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	7.74E-06
5104	ALL	653557	4185106	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5105	ALL	653595.8	4185091	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5106	ALL	653634.7	4185077	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	7.22E-06
5107	ALL	653673.5	4185062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	7.10E-06
5108	ALL	653712.3	4185047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.03E-06
5109	ALL	650846.3	4187771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5110	ALL	650844.4	4187813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	9.60E-06
5111	ALL	650842.6	4187855	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	9.70E-06	0.00E+00	0.00E+00	9.70E-06
5112	ALL	650356.4	4187710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5113	ALL	650373.8	4187672	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	7.35E-06
5114	ALL	650391.2	4187634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5115	ALL	650408.6	4187596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5116	ALL	650426	4187558	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	7.36E-06
5117	ALL	650443.5	4187521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	7.34E-06
5118	ALL	650460.9	4187483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	7.30E-06
5119	ALL	650478.3	4187445	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	7.26E-06
5120	ALL	650495.7	4187407	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	7.20E-06
5121	ALL	650513.2	4187370	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	7.15E-06
5122	ALL	650530.6	4187332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5123	ALL	650548	4187294	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5124	ALL	650565.4	4187256	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.08E-06
5125	ALL	650582.8	4187218	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5126	ALL	650600.3	4187181	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	7.10E-06
5127	ALL	650617.7	4187143	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5128	ALL	650635.1	4187105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5129	ALL	650652.5	4187067	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5130	ALL	650669.9	4187029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
5131	ALL	650687.4	4186992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	6.98E-06
5132	ALL	650704.8	4186954	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
5133	ALL	650722.2	4186916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5134	ALL	650739.6	4186878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	6.75E-06
5135	ALL	650757	4186841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
5136	ALL	650774.5	4186803	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	6.66E-06
5137	ALL	650791.9	4186765	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5138	ALL	650809.3	4186727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.63E-06
5139	ALL	650826.7	4186689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.62E-06
5140	ALL	650844.1	4186652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	6.60E-06
5141	ALL	650861.6	4186614	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	6.58E-06
5142	ALL	650879	4186576	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	6.55E-06
5143	ALL	650896.4	4186538	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.52E-06
5144	ALL	650913.8	4186501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.50E-06
5145	ALL	650931.3	4186463	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	6.48E-06
5146	ALL	650948.7	4186425	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.47E-06
5147	ALL	650966.1	4186387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	6.46E-06
5148	ALL	650983.5	4186349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.43E-06
5149	ALL	651000.9	4186312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	6.38E-06

5150	ALL	651018.4	4186274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	6.31E-06
5151	ALL	651035.8	4186236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	6.23E-06
5152	ALL	651053.2	4186198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	6.15E-06
5153	ALL	651070.6	4186161	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.07E-06
5154	ALL	651088	4186123	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	6.00E-06
5155	ALL	651105.5	4186085	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	5.94E-06
5156	ALL	651122.9	4186047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.88E-06
5157	ALL	651140.3	4186009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5158	ALL	651157.7	4185972	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.75E-06
5159	ALL	651175.1	4185934	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5160	ALL	651192.6	4185896	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	5.61E-06
5161	ALL	651210	4185858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5162	ALL	651227.4	4185820	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5163	ALL	651244.8	4185783	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5164	ALL	651262.3	4185745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5165	ALL	651279.7	4185707	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	5.32E-06
5166	ALL	651297.1	4185669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5167	ALL	651314.5	4185632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5168	ALL	651331.9	4185594	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	5.15E-06
5169	ALL	651349.4	4185556	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.10E-06
5170	ALL	651366.8	4185518	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.05E-06
5171	ALL	651384.2	4185480	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	5.01E-06
5172	ALL	651401.6	4185443	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	4.97E-06
5173	ALL	651429.8	4185416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	4.97E-06
5174	ALL	651468.7	4185402	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	5.01E-06
5175	ALL	651507.6	4185387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	5.04E-06
5176	ALL	651546.5	4185372	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.08E-06
5177	ALL	651585.4	4185357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.11E-06
5178	ALL	651624.3	4185343	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.16E-06
5179	ALL	651663.3	4185328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5180	ALL	651702.2	4185313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	5.27E-06
5181	ALL	651741.1	4185299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5182	ALL	651780	4185284	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.41E-06
5183	ALL	651818.9	4185269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	5.48E-06
5184	ALL	651857.8	4185254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5185	ALL	651896.7	4185240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	5.57E-06
5186	ALL	651935.6	4185225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	5.60E-06
5187	ALL	651974.6	4185210	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	5.62E-06
5188	ALL	652013.5	4185196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.64E-06
5189	ALL	652052.4	4185181	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5190	ALL	652091.3	4185166	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	5.72E-06
5191	ALL	652130.2	4185151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	5.79E-06
5192	ALL	652169.1	4185137	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5193	ALL	652208	4185122	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	5.96E-06
5194	ALL	652246.9	4185107	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	6.06E-06
5195	ALL	652285.8	4185092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	6.17E-06
5196	ALL	652324.8	4185078	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.27E-06
5197	ALL	652363.7	4185063	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	6.38E-06
5198	ALL	652402.6	4185048	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.47E-06
5199	ALL	652441.5	4185034	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	6.55E-06

5200	ALL	652480.4	4185019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.62E-06
5201	ALL	652519.3	4185004	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	6.67E-06
5202	ALL	652558.2	4184989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	6.71E-06
5203	ALL	652597.1	4184975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	6.75E-06
5204	ALL	652636	4184960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	6.78E-06
5205	ALL	652675	4184945	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5206	ALL	652713.9	4184930	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	6.85E-06
5207	ALL	652752.8	4184916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5208	ALL	652791.7	4184901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.89E-06
5209	ALL	652830.6	4184886	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
5210	ALL	652869.5	4184872	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5211	ALL	652908.4	4184857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	6.86E-06
5212	ALL	652947.3	4184842	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5213	ALL	652986.3	4184827	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	6.78E-06
5214	ALL	653025.2	4184813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	6.74E-06
5215	ALL	653064.1	4184798	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.69E-06
5216	ALL	653103	4184783	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5217	ALL	653141.9	4184768	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.61E-06
5218	ALL	653180.8	4184754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.57E-06
5219	ALL	653219.7	4184739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	6.53E-06
5220	ALL	653258.6	4184724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	6.49E-06
5221	ALL	653297.5	4184710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5222	ALL	653336.5	4184695	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	6.38E-06
5223	ALL	653375.4	4184680	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	6.30E-06
5224	ALL	653414.3	4184665	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	6.21E-06
5225	ALL	653453.2	4184651	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	6.09E-06
5226	ALL	653492.1	4184636	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	5.97E-06
5227	ALL	653531	4184621	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5228	ALL	653569.9	4184606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	5.71E-06
5229	ALL	653608.8	4184592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	5.60E-06
5230	ALL	653647.8	4184577	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.51E-06
5231	ALL	653686.7	4184562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.45E-06
5232	ALL	653725.6	4184548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5233	ALL	650346.7	4187749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	7.32E-06
5234	ALL	650344.9	4187791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	7.36E-06
5235	ALL	650343.1	4187833	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	7.42E-06
5236	ALL	649856.8	4187688	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5237	ALL	649874.3	4187650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5238	ALL	649891.7	4187612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.85E-06
5239	ALL	649909.2	4187574	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5240	ALL	649926.6	4187536	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5241	ALL	649944.1	4187499	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5242	ALL	649961.5	4187461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	5.86E-06
5243	ALL	649979	4187423	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5244	ALL	649996.4	4187385	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	5.80E-06
5245	ALL	650013.9	4187347	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	5.76E-06
5246	ALL	650031.3	4187309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	5.72E-06
5247	ALL	650048.8	4187272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5248	ALL	650066.2	4187234	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	5.66E-06
5249	ALL	650083.7	4187196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.64E-06

5250	ALL	650101.1	4187158	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.64E-06
5251	ALL	650118.6	4187120	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	5.65E-06
5252	ALL	650136	4187082	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	5.66E-06
5253	ALL	650153.4	4187045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	5.67E-06
5254	ALL	650170.9	4187007	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	5.69E-06
5255	ALL	650188.3	4186969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	5.69E-06
5256	ALL	650205.8	4186931	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	5.67E-06
5257	ALL	650223.2	4186893	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	5.63E-06
5258	ALL	650240.7	4186855	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	5.59E-06
5259	ALL	650258.1	4186817	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	5.54E-06
5260	ALL	650275.6	4186780	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5261	ALL	650293	4186742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5262	ALL	650310.5	4186704	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5263	ALL	650327.9	4186666	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5264	ALL	650345.4	4186628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	5.32E-06
5265	ALL	650362.8	4186590	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5266	ALL	650380.3	4186553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5267	ALL	650397.7	4186515	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	5.30E-06
5268	ALL	650415.2	4186477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	5.29E-06
5269	ALL	650432.6	4186439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	5.27E-06
5270	ALL	650450	4186401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	5.25E-06
5271	ALL	650467.5	4186363	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	5.23E-06
5272	ALL	650484.9	4186326	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5273	ALL	650502.4	4186288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.19E-06
5274	ALL	650519.8	4186250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5275	ALL	650537.3	4186212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5276	ALL	650554.7	4186174	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5277	ALL	650572.2	4186136	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.16E-06
5278	ALL	650589.6	4186099	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	5.14E-06
5279	ALL	650607.1	4186061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.10E-06
5280	ALL	650624.5	4186023	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.05E-06
5281	ALL	650642	4185985	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	4.99E-06
5282	ALL	650659.4	4185947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-08	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	4.93E-06
5283	ALL	650676.9	4185909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-08	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	4.87E-06
5284	ALL	650694.3	4185872	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-08	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.82E-06
5285	ALL	650711.7	4185834	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-08	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	4.78E-06
5286	ALL	650729.2	4185796	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-08	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	4.73E-06
5287	ALL	650746.6	4185758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-08	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	4.68E-06
5288	ALL	650764.1	4185720	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-08	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.65E-06
5289	ALL	650781.5	4185682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-08	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	4.60E-06
5290	ALL	650799	4185644	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-08	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.55E-06
5291	ALL	650816.4	4185607	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-08	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5292	ALL	650833.9	4185569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-08	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.45E-06
5293	ALL	650851.3	4185531	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-08	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	4.40E-06
5294	ALL	650868.8	4185493	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-08	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.37E-06
5295	ALL	650886.2	4185455	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-08	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.33E-06
5296	ALL	650903.7	4185417	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-08	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	4.29E-06
5297	ALL	650921.1	4185380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-08	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	4.26E-06
5298	ALL	650938.6	4185342	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-08	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.22E-06
5299	ALL	650956	4185304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-08	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.18E-06

5300	ALL	650973.5	4185266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-08	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.14E-06
5301	ALL	650990.9	4185228	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-08	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	4.10E-06
5302	ALL	651008.3	4185190	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-08	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.06E-06
5303	ALL	651025.8	4185153	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-08	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.03E-06
5304	ALL	651043.2	4185115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-08	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.00E-06
5305	ALL	651060.7	4185077	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-08	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	3.98E-06
5306	ALL	651088.9	4185051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-08	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	3.98E-06
5307	ALL	651127.9	4185036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-08	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.01E-06
5308	ALL	651166.8	4185021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-08	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.03E-06
5309	ALL	651205.8	4185006	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-08	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.06E-06
5310	ALL	651244.8	4184992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-08	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.08E-06
5311	ALL	651283.7	4184977	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	4.11E-06
5312	ALL	651322.7	4184962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-08	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.14E-06
5313	ALL	651361.7	4184947	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-08	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.18E-06
5314	ALL	651400.7	4184933	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-08	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.22E-06
5315	ALL	651439.6	4184918	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-08	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	4.27E-06
5316	ALL	651478.6	4184903	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-08	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	4.32E-06
5317	ALL	651517.6	4184888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-08	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.37E-06
5318	ALL	651556.5	4184874	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-08	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	4.42E-06
5319	ALL	651595.5	4184859	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-08	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.45E-06
5320	ALL	651634.5	4184844	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-08	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.47E-06
5321	ALL	651673.4	4184829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-08	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	4.49E-06
5322	ALL	651712.4	4184815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-08	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5323	ALL	651751.4	4184800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-08	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.51E-06
5324	ALL	651790.4	4184785	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-08	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	4.53E-06
5325	ALL	651829.3	4184770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-08	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	4.56E-06
5326	ALL	651868.3	4184756	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-08	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	4.60E-06
5327	ALL	651907.3	4184741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-08	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.65E-06
5328	ALL	651946.2	4184726	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-08	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	4.70E-06
5329	ALL	651985.2	4184711	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-08	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	4.77E-06
5330	ALL	652024.2	4184697	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-08	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	4.84E-06
5331	ALL	652063.1	4184682	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-08	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.92E-06
5332	ALL	652102.1	4184667	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	5.00E-06
5333	ALL	652141.1	4184652	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.07E-06
5334	ALL	652180.1	4184638	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	5.14E-06
5335	ALL	652219	4184623	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5336	ALL	652258	4184608	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5337	ALL	652297	4184593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	5.30E-06
5338	ALL	652335.9	4184579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5339	ALL	652374.9	4184564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5340	ALL	652413.9	4184549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	5.39E-06
5341	ALL	652452.8	4184534	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5342	ALL	652491.8	4184520	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	5.44E-06
5343	ALL	652530.8	4184505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5344	ALL	652569.8	4184490	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
5345	ALL	652608.7	4184475	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.51E-06
5346	ALL	652647.7	4184461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5347	ALL	652686.7	4184446	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5348	ALL	652725.6	4184431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5349	ALL	652764.6	4184416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.51E-06

5350	ALL	652803.6	4184402	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.49E-06
5351	ALL	652842.5	4184387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5352	ALL	652881.5	4184372	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	5.44E-06
5353	ALL	652920.5	4184357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.40E-06
5354	ALL	652959.4	4184343	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5355	ALL	652998.4	4184328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5356	ALL	653037.4	4184313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5357	ALL	653076.4	4184299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	5.28E-06
5358	ALL	653115.3	4184284	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5359	ALL	653154.3	4184269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	5.23E-06
5360	ALL	653193.3	4184254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.20E-06
5361	ALL	653232.2	4184240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.17E-06
5362	ALL	653271.2	4184225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.13E-06
5363	ALL	653310.2	4184210	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.08E-06
5364	ALL	653349.1	4184195	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.02E-06
5365	ALL	653388.1	4184181	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.95E-06
5366	ALL	653427.1	4184166	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-08	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	4.86E-06
5367	ALL	653466.1	4184151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-08	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	4.77E-06
5368	ALL	653505	4184136	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-08	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	4.67E-06
5369	ALL	653544	4184122	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-08	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	4.58E-06
5370	ALL	653583	4184107	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-08	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5371	ALL	653621.9	4184092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-08	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	4.43E-06
5372	ALL	653660.9	4184077	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-08	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.38E-06
5373	ALL	653699.9	4184063	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-08	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.35E-06
5374	ALL	653738.8	4184048	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-08	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.33E-06
5375	ALL	649847.2	4187728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5376	ALL	649845.4	4187769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.85E-06
5377	ALL	649843.6	4187811	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.88E-06
5378	ALL	653669	4187987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.56E-03
5379	ALL	653652.2	4188006	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.00E-03
5380	ALL	653635.4	4188024	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
5381	ALL	653618	4188041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5382	ALL	653608.6	4188019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5383	ALL	653599.3	4187997	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
5384	ALL	653631.7	4188061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
5385	ALL	653584.5	4188079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5386	ALL	653575.6	4188058	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
5387	ALL	653566.7	4188036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5388	ALL	653557.8	4188015	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5389	ALL	653549	4187994	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
5390	ALL	653598.1	4188098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	9.73E-04
5391	ALL	653550.7	4188115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
5392	ALL	653541.3	4188093	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
5393	ALL	653532	4188071	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
5394	ALL	653522.7	4188048	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	7.48E-04
5395	ALL	653513.4	4188026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
5396	ALL	653504.1	4188004	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	7.29E-04
5397	ALL	653517.1	4188153	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
5398	ALL	653508.1	4188131	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-06	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
5399	ALL	653499	4188109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04

5400	ALL	653490	4188087	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
5401	ALL	653480.9	4188066	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
5402	ALL	653471.9	4188044	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5403	ALL	653462.8	4188022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
5404	ALL	653453.7	4188000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5405	ALL	653483.4	4188189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
5406	ALL	653474	4188167	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
5407	ALL	653464.7	4188145	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
5408	ALL	653455.4	4188122	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04
5409	ALL	653446.1	4188100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-06	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5410	ALL	653436.8	4188078	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5411	ALL	653427.5	4188055	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5412	ALL	653418.2	4188033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5413	ALL	653408.8	4188010	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5414	ALL	653399.5	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
5415	ALL	653449.8	4188227	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	2.78E-04
5416	ALL	653440.7	4188205	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	2.87E-04
5417	ALL	653431.5	4188183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
5418	ALL	653422.4	4188161	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
5419	ALL	653413.3	4188139	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
5420	ALL	653404.2	4188117	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
5421	ALL	653395	4188095	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
5422	ALL	653385.9	4188073	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
5423	ALL	653376.8	4188051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	3.24E-04
5424	ALL	653367.6	4188029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
5425	ALL	653358.5	4188007	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
5426	ALL	653349.4	4187985	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
5427	ALL	653382.3	4188300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	1.86E-04
5428	ALL	653372.9	4188277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	1.91E-04
5429	ALL	653363.4	4188255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	1.95E-04
5430	ALL	653353.9	4188232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	2.00E-04
5431	ALL	653344.5	4188209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	2.05E-04
5432	ALL	653335	4188186	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	2.11E-04
5433	ALL	653325.5	4188164	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	2.16E-04
5434	ALL	653316.1	4188141	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5435	ALL	653306.6	4188118	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	2.21E-04
5436	ALL	653297.1	4188096	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	2.21E-04
5437	ALL	653287.7	4188073	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5438	ALL	653278.2	4188050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5439	ALL	653268.7	4188027	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	2.18E-04
5440	ALL	653259.3	4188005	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	2.13E-04
5441	ALL	653249.8	4187982	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	2.05E-04
5442	ALL	653396.2	4188320	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	1.81E-04
5443	ALL	653315	4188374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.35E-04
5444	ALL	653305.6	4188351	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	1.38E-04
5445	ALL	653296.2	4188329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	1.40E-04
5446	ALL	653286.7	4188306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.43E-04
5447	ALL	653277.3	4188283	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.45E-04
5448	ALL	653267.8	4188261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	1.49E-04
5449	ALL	653258.4	4188238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	1.53E-04

5450	ALL	653249	4188215	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	1.56E-04
5451	ALL	653239.5	4188193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	1.58E-04
5452	ALL	653230.1	4188170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5453	ALL	653220.7	4188147	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
5454	ALL	653211.2	4188125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	1.62E-04
5455	ALL	653201.8	4188102	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.61E-04
5456	ALL	653192.4	4188079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5457	ALL	653182.9	4188057	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5458	ALL	653173.5	4188034	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.59E-04
5459	ALL	653164	4188011	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	1.57E-04
5460	ALL	653154.6	4187989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.51E-04
5461	ALL	653328.9	4188394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.32E-04
5462	ALL	653247.7	4188448	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.03E-04
5463	ALL	653238.3	4188426	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.05E-04
5464	ALL	653228.9	4188403	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.07E-04
5465	ALL	653219.5	4188380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.08E-04
5466	ALL	653210.1	4188358	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.10E-04
5467	ALL	653200.7	4188335	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	1.12E-04
5468	ALL	653191.2	4188312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04
5469	ALL	653181.8	4188290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	1.16E-04
5470	ALL	653172.4	4188267	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.19E-04
5471	ALL	653163	4188245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
5472	ALL	653153.6	4188222	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.22E-04
5473	ALL	653144.1	4188199	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5474	ALL	653134.7	4188177	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
5475	ALL	653125.3	4188154	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.24E-04
5476	ALL	653115.9	4188131	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5477	ALL	653106.5	4188109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5478	ALL	653097.1	4188086	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5479	ALL	653087.6	4188064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5480	ALL	653078.2	4188041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5481	ALL	653068.8	4188018	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.21E-04
5482	ALL	653059.4	4187996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.17E-04
5483	ALL	653050	4187973	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.13E-04
5484	ALL	653180.4	4188522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	8.15E-05
5485	ALL	653171	4188500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	8.33E-05
5486	ALL	653161.6	4188477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	8.45E-05	0.00E+00	0.00E+00	8.45E-05
5487	ALL	653152.2	4188454	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	8.55E-05
5488	ALL	653142.8	4188432	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	8.64E-05
5489	ALL	653133.4	4188409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	8.75E-05
5490	ALL	653124	4188387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	8.89E-05
5491	ALL	653114.6	4188364	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	9.05E-05
5492	ALL	653105.2	4188341	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	9.23E-05
5493	ALL	653095.8	4188319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	9.39E-05	0.00E+00	0.00E+00	9.39E-05
5494	ALL	653086.4	4188296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	9.53E-05
5495	ALL	653077	4188274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	9.64E-05
5496	ALL	653067.6	4188251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	9.74E-05	0.00E+00	0.00E+00	9.74E-05
5497	ALL	653058.2	4188228	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	9.84E-05
5498	ALL	653048.8	4188206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	9.92E-05
5499	ALL	653039.4	4188183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	9.92E-05

5500	ALL	653030	4188161	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.85E-05	0.00E+00	0.00E+00	9.85E-05
5501	ALL	653020.6	4188138	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	9.77E-05
5502	ALL	653011.2	4188115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	9.74E-05	0.00E+00	0.00E+00	9.74E-05
5503	ALL	653001.8	4188093	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	9.78E-05
5504	ALL	652992.4	4188070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	9.82E-05
5505	ALL	652983	4188048	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	9.78E-05
5506	ALL	652973.6	4188025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	9.64E-05
5507	ALL	652964.1	4188003	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	9.40E-05	0.00E+00	0.00E+00	9.40E-05
5508	ALL	652954.7	4187980	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	9.10E-05
5509	ALL	653113.1	4188596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	6.66E-05
5510	ALL	653103.8	4188574	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	6.79E-05
5511	ALL	653094.4	4188551	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	6.88E-05
5512	ALL	653085	4188528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	6.95E-05
5513	ALL	653075.6	4188506	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	7.02E-05
5514	ALL	653066.2	4188483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	7.09E-05
5515	ALL	653056.8	4188461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	7.17E-05	0.00E+00	0.00E+00	7.17E-05
5516	ALL	653047.4	4188438	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	7.27E-05
5517	ALL	653038	4188416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	7.40E-05
5518	ALL	653028.6	4188393	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	7.53E-05
5519	ALL	653019.2	4188370	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	7.65E-05
5520	ALL	653009.8	4188348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	7.76E-05
5521	ALL	653000.4	4188325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	7.84E-05	0.00E+00	0.00E+00	7.84E-05
5522	ALL	652991	4188303	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	7.91E-05	0.00E+00	0.00E+00	7.91E-05
5523	ALL	652981.6	4188280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	7.99E-05
5524	ALL	652972.2	4188258	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	8.07E-05
5525	ALL	652962.8	4188235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	8.12E-05
5526	ALL	652953.5	4188212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	8.13E-05
5527	ALL	652944.1	4188190	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	8.08E-05
5528	ALL	652934.7	4188167	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	8.01E-05
5529	ALL	652925.3	4188145	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	7.97E-05
5530	ALL	652915.9	4188122	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	7.98E-05
5531	ALL	652906.5	4188100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	8.03E-05
5532	ALL	652897.1	4188077	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	8.05E-05	0.00E+00	0.00E+00	8.05E-05
5533	ALL	652887.7	4188055	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	8.02E-05
5534	ALL	652878.3	4188032	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	7.91E-05	0.00E+00	0.00E+00	7.91E-05
5535	ALL	652868.9	4188009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	7.74E-05	0.00E+00	0.00E+00	7.74E-05
5536	ALL	652859.5	4187987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	7.52E-05
5537	ALL	652850.1	4187964	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	7.28E-05
5538	ALL	653127	4188616	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	6.54E-05
5539	ALL	652944.9	4188781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	4.38E-05
5540	ALL	652935.4	4188758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	4.45E-05
5541	ALL	652926	4188736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	4.51E-05
5542	ALL	652916.6	4188713	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-07	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	4.55E-05
5543	ALL	652907.1	4188690	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-07	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	4.58E-05
5544	ALL	652897.7	4188668	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-07	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	4.61E-05
5545	ALL	652888.2	4188645	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	4.64E-05
5546	ALL	652878.8	4188622	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	4.68E-05
5547	ALL	652869.4	4188600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-07	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	4.72E-05
5548	ALL	652859.9	4188577	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	4.78E-05
5549	ALL	652850.5	4188554	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-07	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	4.84E-05

5550	ALL	652841.1	4188532	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	4.91E-05
5551	ALL	652831.6	4188509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-07	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	4.98E-05
5552	ALL	652822.2	4188486	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	5.04E-05
5553	ALL	652812.7	4188464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	5.10E-05
5554	ALL	652803.3	4188441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	5.15E-05
5555	ALL	652793.9	4188418	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	5.18E-05
5556	ALL	652784.4	4188396	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	5.22E-05
5557	ALL	652775	4188373	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5558	ALL	652765.6	4188350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	5.31E-05
5559	ALL	652756.1	4188328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	5.35E-05
5560	ALL	652746.7	4188305	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	5.38E-05
5561	ALL	652737.2	4188282	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	5.39E-05
5562	ALL	652727.8	4188260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	5.36E-05
5563	ALL	652718.4	4188237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	5.31E-05
5564	ALL	652708.9	4188214	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5565	ALL	652699.5	4188192	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	5.25E-05
5566	ALL	652690.1	4188169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5567	ALL	652680.6	4188146	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	5.30E-05
5568	ALL	652671.2	4188124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	5.33E-05
5569	ALL	652661.7	4188101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	5.35E-05
5570	ALL	652652.3	4188078	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	5.33E-05
5571	ALL	652642.9	4188056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	5.27E-05
5572	ALL	652633.4	4188033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	5.19E-05
5573	ALL	652624	4188010	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	5.09E-05
5574	ALL	652614.6	4187987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	4.97E-05
5575	ALL	652605.1	4187965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	4.83E-05
5576	ALL	652776.6	4188966	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-07	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	3.14E-05
5577	ALL	652767.1	4188943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	3.18E-05
5578	ALL	652757.7	4188920	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-07	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	3.22E-05
5579	ALL	652748.2	4188898	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-07	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	3.25E-05
5580	ALL	652738.7	4188875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-07	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	3.27E-05
5581	ALL	652729.3	4188852	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-07	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	3.29E-05
5582	ALL	652719.8	4188829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-07	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	3.30E-05
5583	ALL	652710.3	4188807	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-07	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	3.32E-05
5584	ALL	652700.9	4188784	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-07	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.34E-05
5585	ALL	652691.4	4188761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	3.36E-05
5586	ALL	652681.9	4188738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-07	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.39E-05
5587	ALL	652672.5	4188716	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-07	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	3.42E-05
5588	ALL	652663	4188693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	3.46E-05
5589	ALL	652653.5	4188670	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-07	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	3.50E-05
5590	ALL	652644.1	4188648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	3.54E-05
5591	ALL	652634.6	4188625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	3.58E-05
5592	ALL	652625.2	4188602	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	3.62E-05
5593	ALL	652615.7	4188579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-07	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	3.65E-05
5594	ALL	652606.2	4188557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-07	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.68E-05
5595	ALL	652596.8	4188534	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	3.70E-05
5596	ALL	652587.3	4188511	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	3.72E-05
5597	ALL	652577.8	4188488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-07	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	3.74E-05
5598	ALL	652568.4	4188466	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-07	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5599	ALL	652558.9	4188443	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	3.80E-05

5600	ALL	652549.4	4188420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	3.83E-05
5601	ALL	652540	4188397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	3.86E-05
5602	ALL	652530.5	4188375	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-07	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	3.88E-05
5603	ALL	652521	4188352	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	3.88E-05
5604	ALL	652511.6	4188329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-07	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	3.86E-05
5605	ALL	652502.1	4188306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	3.83E-05
5606	ALL	652492.6	4188284	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	3.79E-05
5607	ALL	652483.2	4188261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-07	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	3.76E-05
5608	ALL	652473.7	4188238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-07	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	3.76E-05
5609	ALL	652464.2	4188216	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-07	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5610	ALL	652454.8	4188193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	3.79E-05
5611	ALL	652445.3	4188170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	3.82E-05
5612	ALL	652435.9	4188147	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-07	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	3.85E-05
5613	ALL	652426.4	4188125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-07	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	3.85E-05
5614	ALL	652416.9	4188102	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	3.84E-05
5615	ALL	652407.5	4188079	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	3.81E-05
5616	ALL	652398	4188056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5617	ALL	652388.5	4188034	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	3.71E-05
5618	ALL	652379.1	4188011	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-07	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	3.64E-05
5619	ALL	652369.6	4187988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	3.56E-05
5620	ALL	652360.1	4187965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-07	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	3.48E-05
5621	ALL	652350.7	4187943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-07	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.40E-05
5622	ALL	652608.4	4189151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	2.38E-05
5623	ALL	652599	4189128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-07	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	2.41E-05
5624	ALL	652589.6	4189106	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.44E-05
5625	ALL	652580.2	4189083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-07	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	2.46E-05
5626	ALL	652570.8	4189060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-07	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	2.47E-05
5627	ALL	652561.4	4189038	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	2.49E-05
5628	ALL	652552	4189015	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-07	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.50E-05
5629	ALL	652542.6	4188993	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-07	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.50E-05
5630	ALL	652533.2	4188970	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	2.51E-05
5631	ALL	652523.8	4188948	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.52E-05
5632	ALL	652514.4	4188925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	2.53E-05
5633	ALL	652505	4188902	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-07	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.55E-05
5634	ALL	652495.6	4188880	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	2.57E-05
5635	ALL	652486.2	4188857	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-07	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.59E-05
5636	ALL	652476.8	4188835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.61E-05
5637	ALL	652467.4	4188812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	2.64E-05
5638	ALL	652458	4188790	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.66E-05
5639	ALL	652448.6	4188767	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.69E-05
5640	ALL	652439.2	4188744	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-07	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	2.71E-05
5641	ALL	652429.8	4188722	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-07	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	2.74E-05
5642	ALL	652420.4	4188699	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.76E-05
5643	ALL	652411	4188677	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
5644	ALL	652401.6	4188654	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.80E-05
5645	ALL	652392.2	4188632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.81E-05
5646	ALL	652382.8	4188609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-07	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	2.82E-05
5647	ALL	652373.4	4188586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-07	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	2.83E-05
5648	ALL	652364	4188564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5649	ALL	652354.6	4188541	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-07	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	2.87E-05

5650	ALL	652345.2	4188519	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5651	ALL	652335.8	4188496	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-07	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5652	ALL	652326.4	4188473	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-07	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5653	ALL	652317	4188451	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-07	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	2.95E-05
5654	ALL	652307.6	4188428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-07	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	2.95E-05
5655	ALL	652298.2	4188406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-07	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	2.94E-05
5656	ALL	652288.8	4188383	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	2.92E-05
5657	ALL	652279.4	4188361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	2.90E-05
5658	ALL	652270	4188338	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-07	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	2.87E-05
5659	ALL	652260.6	4188315	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5660	ALL	652251.2	4188293	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-07	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.84E-05
5661	ALL	652241.8	4188270	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5662	ALL	652232.4	4188248	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-07	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	2.87E-05
5663	ALL	652223	4188225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5664	ALL	652213.6	4188203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-07	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5665	ALL	652204.2	4188180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5666	ALL	652194.8	4188157	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-07	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5667	ALL	652185.4	4188135	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-07	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5668	ALL	652176	4188112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5669	ALL	652166.6	4188090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5670	ALL	652157.2	4188067	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	2.86E-05
5671	ALL	652147.8	4188045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	2.82E-05
5672	ALL	652138.4	4188022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.78E-05
5673	ALL	652129	4187999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-07	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.73E-05
5674	ALL	652119.6	4187977	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.67E-05
5675	ALL	652110.2	4187954	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-07	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	2.62E-05
5676	ALL	652100.8	4187932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	2.56E-05
5677	ALL	652622.2	4189170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	2.35E-05
5678	ALL	652440.1	4189336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.88E-05
5679	ALL	652430.7	4189313	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.90E-05
5680	ALL	652421.2	4189290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.92E-05
5681	ALL	652411.8	4189268	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-07	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.93E-05
5682	ALL	652402.4	4189245	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.95E-05
5683	ALL	652393	4189222	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-07	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	1.96E-05
5684	ALL	652383.6	4189200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-07	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	1.97E-05
5685	ALL	652374.1	4189177	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-07	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	1.97E-05
5686	ALL	652364.7	4189155	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.98E-05
5687	ALL	652355.3	4189132	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-07	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.98E-05
5688	ALL	652345.9	4189109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-07	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	1.99E-05
5689	ALL	652336.4	4189087	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-07	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	1.99E-05
5690	ALL	652327	4189064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-07	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.00E-05
5691	ALL	652317.6	4189041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-07	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	2.01E-05
5692	ALL	652308.2	4189019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.03E-05
5693	ALL	652298.7	4188996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-07	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	2.04E-05
5694	ALL	652289.3	4188973	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-07	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	2.06E-05
5695	ALL	652279.9	4188951	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.08E-05
5696	ALL	652270.5	4188928	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.09E-05
5697	ALL	652261	4188906	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-07	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	2.11E-05
5698	ALL	652251.6	4188883	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.13E-05
5699	ALL	652242.2	4188860	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.15E-05

5700	ALL	652232.8	4188838	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.16E-05
5701	ALL	652223.3	4188815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.18E-05
5702	ALL	652213.9	4188792	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05
5703	ALL	652204.5	4188770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-07	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.21E-05
5704	ALL	652195.1	4188747	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5705	ALL	652185.7	4188724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5706	ALL	652176.2	4188702	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-05
5707	ALL	652166.8	4188679	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5708	ALL	652157.4	4188657	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5709	ALL	652148	4188634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5710	ALL	652138.5	4188611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5711	ALL	652129.1	4188589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5712	ALL	652119.7	4188566	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5713	ALL	652110.3	4188543	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5714	ALL	652100.8	4188521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	2.33E-05
5715	ALL	652091.4	4188498	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.34E-05
5716	ALL	652082	4188475	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	2.33E-05
5717	ALL	652072.6	4188453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5718	ALL	652063.1	4188430	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.30E-05
5719	ALL	652053.7	4188408	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	2.28E-05
5720	ALL	652044.3	4188385	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5721	ALL	652034.9	4188362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5722	ALL	652025.4	4188340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5723	ALL	652016	4188317	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5724	ALL	652006.6	4188294	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5725	ALL	651997.2	4188272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5726	ALL	651987.7	4188249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5727	ALL	651978.3	4188226	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-07	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5728	ALL	651968.9	4188204	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5729	ALL	651959.5	4188181	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5730	ALL	651950.1	4188159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-07	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5731	ALL	651940.6	4188136	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5732	ALL	651931.2	4188113	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5733	ALL	651921.8	4188091	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5734	ALL	651912.4	4188068	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5735	ALL	651902.9	4188045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5736	ALL	651893.5	4188023	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05
5737	ALL	651884.1	4188000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.15E-05
5738	ALL	651874.7	4187977	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-07	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	2.11E-05
5739	ALL	651865.2	4187955	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	2.07E-05
5740	ALL	651855.8	4187932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.03E-05
5741	ALL	652103.6	4189705	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-07	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.27E-05
5742	ALL	652094.1	4189683	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.29E-05
5743	ALL	652084.6	4189660	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-07	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.30E-05
5744	ALL	652075.2	4189637	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5745	ALL	652065.7	4189615	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-07	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5746	ALL	652056.3	4189592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
5747	ALL	652046.8	4189569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5748	ALL	652037.4	4189546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5749	ALL	652027.9	4189524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05

5750	ALL	652018.4	4189501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5751	ALL	652009	4189478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5752	ALL	651999.5	4189456	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5753	ALL	651990.1	4189433	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5754	ALL	651980.6	4189410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5755	ALL	651971.1	4189387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5756	ALL	651961.7	4189365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5757	ALL	651952.2	4189342	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
5758	ALL	651942.8	4189319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
5759	ALL	651933.3	4189296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.37E-05
5760	ALL	651923.8	4189274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
5761	ALL	651914.4	4189251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.39E-05
5762	ALL	651904.9	4189228	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.40E-05
5763	ALL	651895.5	4189206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
5764	ALL	651886	4189183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.42E-05
5765	ALL	651876.6	4189160	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
5766	ALL	651867.1	4189137	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-07	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.44E-05
5767	ALL	651857.6	4189115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
5768	ALL	651848.2	4189092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
5769	ALL	651838.7	4189069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.46E-05
5770	ALL	651829.3	4189047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
5771	ALL	651819.8	4189024	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.48E-05
5772	ALL	651810.3	4189001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.49E-05
5773	ALL	651800.9	4188978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5774	ALL	651791.4	4188956	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5775	ALL	651782	4188933	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5776	ALL	651772.5	4188910	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5777	ALL	651763.1	4188887	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5778	ALL	651753.6	4188865	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5779	ALL	651744.1	4188842	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5780	ALL	651734.7	4188819	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5781	ALL	651725.2	4188797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
5782	ALL	651715.8	4188774	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5783	ALL	651706.3	4188751	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-07	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5784	ALL	651696.8	4188728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5785	ALL	651687.4	4188706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5786	ALL	651677.9	4188683	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-07	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5787	ALL	651668.5	4188660	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-07	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5788	ALL	651659	4188638	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-07	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.59E-05
5789	ALL	651649.6	4188615	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-07	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5790	ALL	651640.1	4188592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-07	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5791	ALL	651630.6	4188569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5792	ALL	651621.2	4188547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5793	ALL	651611.7	4188524	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5794	ALL	651602.3	4188501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5795	ALL	651592.8	4188479	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5796	ALL	651583.3	4188456	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5797	ALL	651573.9	4188433	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5798	ALL	651564.4	4188410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5799	ALL	651555	4188388	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05

5800	ALL	651545.5	4188365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-07	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.53E-05
5801	ALL	651536.1	4188342	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5802	ALL	651526.6	4188319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-07	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5803	ALL	651517.1	4188297	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5804	ALL	651507.7	4188274	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5805	ALL	651498.2	4188251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5806	ALL	651488.8	4188229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5807	ALL	651479.3	4188206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5808	ALL	651469.8	4188183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5809	ALL	651460.4	4188160	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5810	ALL	651450.9	4188138	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-07	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5811	ALL	651441.5	4188115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5812	ALL	651432	4188092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-07	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5813	ALL	651422.6	4188070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5814	ALL	651413.1	4188047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.49E-05
5815	ALL	651403.6	4188024	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-07	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.47E-05
5816	ALL	651394.2	4188001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.45E-05
5817	ALL	651384.7	4187979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-07	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.43E-05
5818	ALL	651375.3	4187956	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.41E-05
5819	ALL	651365.8	4187933	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.38E-05
5820	ALL	651356.3	4187910	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.36E-05
5821	ALL	652117.4	4189725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.26E-05
5822	ALL	651767.1	4190075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-07	0.00E+00	0.00E+00	9.32E-06	0.00E+00	0.00E+00	9.32E-06
5823	ALL	651757.6	4190053	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	9.40E-06
5824	ALL	651748.2	4190030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	9.46E-06
5825	ALL	651738.8	4190007	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5826	ALL	651729.3	4189985	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-07	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	9.58E-06
5827	ALL	651719.9	4189962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	9.62E-06
5828	ALL	651710.5	4189939	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	9.66E-06	0.00E+00	0.00E+00	9.66E-06
5829	ALL	651701	4189917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.70E-06	0.00E+00	0.00E+00	9.70E-06
5830	ALL	651691.6	4189894	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	9.73E-06
5831	ALL	651682.2	4189871	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	9.75E-06
5832	ALL	651672.7	4189849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	9.77E-06
5833	ALL	651663.3	4189826	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.79E-06	0.00E+00	0.00E+00	9.79E-06
5834	ALL	651653.9	4189803	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	9.80E-06
5835	ALL	651644.4	4189781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	9.81E-06
5836	ALL	651635	4189758	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5837	ALL	651625.6	4189735	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5838	ALL	651616.1	4189713	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	9.83E-06
5839	ALL	651606.7	4189690	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	9.85E-06
5840	ALL	651597.3	4189667	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.87E-06	0.00E+00	0.00E+00	9.87E-06
5841	ALL	651587.8	4189645	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	9.90E-06
5842	ALL	651578.4	4189622	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	9.93E-06
5843	ALL	651569	4189599	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	9.98E-06
5844	ALL	651559.5	4189577	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.00E-05
5845	ALL	651550.1	4189554	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5846	ALL	651540.7	4189531	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5847	ALL	651531.2	4189509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
5848	ALL	651521.8	4189486	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
5849	ALL	651512.4	4189463	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05

5850	ALL	651502.9	4189441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
5851	ALL	651493.5	4189418	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
5852	ALL	651484.1	4189395	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5853	ALL	651474.6	4189373	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5854	ALL	651465.2	4189350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5855	ALL	651455.8	4189328	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5856	ALL	651446.3	4189305	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
5857	ALL	651436.9	4189282	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.07E-05
5858	ALL	651427.5	4189260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5859	ALL	651418	4189237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5860	ALL	651408.6	4189214	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5861	ALL	651399.2	4189192	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5862	ALL	651389.7	4189169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5863	ALL	651380.3	4189146	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5864	ALL	651370.9	4189124	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5865	ALL	651361.4	4189101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5866	ALL	651352	4189078	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5867	ALL	651342.6	4189056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5868	ALL	651333.1	4189033	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5869	ALL	651323.7	4189010	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5870	ALL	651314.3	4188988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5871	ALL	651304.8	4188965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5872	ALL	651295.4	4188942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5873	ALL	651286	4188920	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5874	ALL	651276.5	4188897	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5875	ALL	651267.1	4188874	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5876	ALL	651257.7	4188852	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5877	ALL	651248.2	4188829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5878	ALL	651238.8	4188806	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5879	ALL	651229.4	4188784	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5880	ALL	651219.9	4188761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5881	ALL	651210.5	4188738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5882	ALL	651201.1	4188716	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5883	ALL	651191.6	4188693	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5884	ALL	651182.2	4188670	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5885	ALL	651172.8	4188648	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5886	ALL	651163.3	4188625	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5887	ALL	651153.9	4188602	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5888	ALL	651144.5	4188580	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5889	ALL	651135	4188557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5890	ALL	651125.6	4188534	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5891	ALL	651116.2	4188512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5892	ALL	651106.7	4188489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5893	ALL	651097.3	4188466	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5894	ALL	651087.9	4188444	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5895	ALL	651078.5	4188421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5896	ALL	651069	4188398	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5897	ALL	651059.6	4188376	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5898	ALL	651050.2	4188353	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5899	ALL	651040.7	4188330	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05

5900	ALL	651031.3	4188308	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5901	ALL	651021.9	4188285	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5902	ALL	651012.4	4188263	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5903	ALL	651003	4188240	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5904	ALL	650993.6	4188217	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5905	ALL	650984.1	4188195	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5906	ALL	650974.7	4188172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5907	ALL	650965.3	4188149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5908	ALL	650955.8	4188127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5909	ALL	650946.4	4188104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5910	ALL	650937	4188081	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5911	ALL	650927.5	4188059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5912	ALL	650918.1	4188036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5913	ALL	650908.7	4188013	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5914	ALL	650899.2	4187991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5915	ALL	650889.8	4187968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
5916	ALL	650880.4	4187945	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
5917	ALL	650870.9	4187923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5918	ALL	650861.5	4187900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	9.94E-06
5919	ALL	650852.1	4187877	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5920	ALL	651780.9	4190095	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-07	0.00E+00	0.00E+00	9.25E-06	0.00E+00	0.00E+00	9.25E-06
5921	ALL	651430.5	4190445	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	7.17E-06
5922	ALL	651421.1	4190422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	7.22E-06
5923	ALL	651411.6	4190400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	7.27E-06
5924	ALL	651402.2	4190377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5925	ALL	651392.7	4190354	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	7.35E-06
5926	ALL	651383.2	4190331	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	7.38E-06
5927	ALL	651373.8	4190309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	7.41E-06
5928	ALL	651364.3	4190286	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	7.43E-06
5929	ALL	651354.9	4190263	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	7.46E-06
5930	ALL	651345.4	4190241	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	7.48E-06
5931	ALL	651336	4190218	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	7.50E-06
5932	ALL	651326.5	4190195	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.51E-06	0.00E+00	0.00E+00	7.51E-06
5933	ALL	651317.1	4190172	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	7.53E-06
5934	ALL	651307.6	4190150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	7.54E-06
5935	ALL	651298.1	4190127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5936	ALL	651288.7	4190104	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5937	ALL	651279.2	4190082	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5938	ALL	651269.8	4190059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5939	ALL	651260.3	4190036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5940	ALL	651250.9	4190013	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	7.57E-06
5941	ALL	651241.4	4189991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.58E-06
5942	ALL	651232	4189968	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	7.59E-06
5943	ALL	651222.5	4189945	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	7.60E-06
5944	ALL	651213	4189923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	7.62E-06
5945	ALL	651203.6	4189900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	7.65E-06
5946	ALL	651194.1	4189877	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	7.68E-06
5947	ALL	651184.7	4189854	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	7.71E-06
5948	ALL	651175.2	4189832	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	7.75E-06
5949	ALL	651165.8	4189809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	7.79E-06

5950	ALL	651156.3	4189786	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	7.83E-06
5951	ALL	651146.8	4189764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	7.87E-06
5952	ALL	651137.4	4189741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	7.91E-06
5953	ALL	651127.9	4189718	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	7.94E-06
5954	ALL	651118.5	4189695	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	7.98E-06
5955	ALL	651109	4189673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	8.01E-06
5956	ALL	651099.6	4189650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	8.04E-06	0.00E+00	0.00E+00	8.04E-06
5957	ALL	651090.1	4189627	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	8.06E-06
5958	ALL	651080.7	4189605	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	8.09E-06
5959	ALL	651071.2	4189582	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	8.13E-06
5960	ALL	651061.7	4189559	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	8.16E-06
5961	ALL	651052.3	4189536	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	8.19E-06
5962	ALL	651042.8	4189514	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	8.23E-06
5963	ALL	651033.4	4189491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	8.26E-06
5964	ALL	651023.9	4189468	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	8.30E-06
5965	ALL	651014.5	4189446	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	8.33E-06
5966	ALL	651005	4189423	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.35E-06
5967	ALL	650995.6	4189400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	8.38E-06
5968	ALL	650986.1	4189377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	8.40E-06
5969	ALL	650976.6	4189355	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.41E-06	0.00E+00	0.00E+00	8.41E-06
5970	ALL	650967.2	4189332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.42E-06
5971	ALL	650957.7	4189309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.42E-06
5972	ALL	650948.3	4189287	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5973	ALL	650938.8	4189264	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.44E-06
5974	ALL	650929.4	4189241	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.45E-06	0.00E+00	0.00E+00	8.45E-06
5975	ALL	650919.9	4189218	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.47E-06
5976	ALL	650910.5	4189196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	8.48E-06
5977	ALL	650901	4189173	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	8.51E-06
5978	ALL	650891.5	4189150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5979	ALL	650882.1	4189128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	8.58E-06
5980	ALL	650872.6	4189105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5981	ALL	650863.2	4189082	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	8.65E-06
5982	ALL	650853.7	4189059	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	8.71E-06
5983	ALL	650844.3	4189037	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.77E-06
5984	ALL	650834.8	4189014	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.83E-06	0.00E+00	0.00E+00	8.83E-06
5985	ALL	650825.4	4188991	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	8.88E-06
5986	ALL	650815.9	4188969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	8.92E-06
5987	ALL	650806.4	4188946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	8.96E-06
5988	ALL	650797	4188923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	8.97E-06
5989	ALL	650787.5	4188900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	8.96E-06
5990	ALL	650778.1	4188878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.93E-06	0.00E+00	0.00E+00	8.93E-06
5991	ALL	650768.6	4188855	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5992	ALL	650759.2	4188832	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	8.84E-06
5993	ALL	650749.7	4188810	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.77E-06
5994	ALL	650740.2	4188787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	8.70E-06
5995	ALL	650730.8	4188764	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5996	ALL	650721.3	4188741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	8.56E-06
5997	ALL	650711.9	4188719	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.50E-06	0.00E+00	0.00E+00	8.50E-06
5998	ALL	650702.4	4188696	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
5999	ALL	650693	4188673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.43E-06

6000	ALL	650683.5	4188651	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.42E-06
6001	ALL	650674.1	4188628	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.42E-06
6002	ALL	650664.6	4188605	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.44E-06
6003	ALL	650655.1	4188582	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.47E-06
6004	ALL	650645.7	4188560	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	8.51E-06
6005	ALL	650636.2	4188537	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	8.56E-06
6006	ALL	650626.8	4188514	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	8.61E-06
6007	ALL	650617.3	4188492	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	8.67E-06
6008	ALL	650607.9	4188469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	8.72E-06
6009	ALL	650598.4	4188446	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.77E-06
6010	ALL	650589	4188423	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	8.81E-06
6011	ALL	650579.5	4188401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	8.84E-06
6012	ALL	650570	4188378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6013	ALL	650560.6	4188355	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6014	ALL	650551.1	4188333	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6015	ALL	650541.7	4188310	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	8.84E-06
6016	ALL	650532.2	4188287	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.82E-06	0.00E+00	0.00E+00	8.82E-06
6017	ALL	650522.8	4188264	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-07	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	8.79E-06
6018	ALL	650513.3	4188242	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	8.76E-06
6019	ALL	650503.9	4188219	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	8.72E-06
6020	ALL	650494.4	4188196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	8.68E-06
6021	ALL	650484.9	4188174	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	8.63E-06
6022	ALL	650475.5	4188151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	8.58E-06
6023	ALL	650466	4188128	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	8.52E-06
6024	ALL	650456.6	4188105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-07	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.46E-06
6025	ALL	650447.1	4188083	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-07	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	8.39E-06
6026	ALL	650437.7	4188060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	8.31E-06
6027	ALL	650428.2	4188037	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-07	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	8.23E-06
6028	ALL	650418.7	4188015	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	8.14E-06
6029	ALL	650409.3	4187992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	8.05E-06
6030	ALL	650399.8	4187969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	7.95E-06
6031	ALL	650390.4	4187946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	7.85E-06
6032	ALL	650380.9	4187924	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	7.76E-06
6033	ALL	650371.5	4187901	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	7.66E-06
6034	ALL	650362	4187878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.58E-06
6035	ALL	650352.6	4187856	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	7.49E-06
6036	ALL	651094	4190815	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	5.73E-06
6037	ALL	651084.6	4190792	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	5.76E-06
6038	ALL	651075.1	4190770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	5.80E-06
6039	ALL	651065.7	4190747	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.83E-06
6040	ALL	651056.3	4190724	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	5.86E-06
6041	ALL	651046.8	4190702	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.88E-06
6042	ALL	651037.4	4190679	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	5.90E-06
6043	ALL	651028	4190656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.92E-06
6044	ALL	651018.5	4190634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	5.94E-06
6045	ALL	651009.1	4190611	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	5.95E-06
6046	ALL	650999.6	4190588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	5.97E-06
6047	ALL	650990.2	4190566	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	5.98E-06
6048	ALL	650980.8	4190543	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	5.99E-06
6049	ALL	650971.3	4190520	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	6.01E-06

6050	ALL	650961.9	4190497	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6051	ALL	650952.5	4190475	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6052	ALL	650943	4190452	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	6.03E-06
6053	ALL	650933.6	4190429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	6.03E-06
6054	ALL	650924.1	4190407	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6055	ALL	650914.7	4190384	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6056	ALL	650905.3	4190361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6057	ALL	650895.8	4190339	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6058	ALL	650886.4	4190316	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6059	ALL	650877	4190293	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6060	ALL	650867.5	4190271	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	6.05E-06
6061	ALL	650858.1	4190248	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	6.06E-06
6062	ALL	650848.6	4190225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.07E-06
6063	ALL	650839.2	4190203	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	6.09E-06
6064	ALL	650829.8	4190180	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	6.11E-06
6065	ALL	650820.3	4190157	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	6.13E-06
6066	ALL	650810.9	4190135	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	6.15E-06
6067	ALL	650801.5	4190112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	6.18E-06
6068	ALL	650792	4190089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	6.21E-06
6069	ALL	650782.6	4190067	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	6.24E-06
6070	ALL	650773.1	4190044	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.27E-06
6071	ALL	650763.7	4190021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	6.30E-06
6072	ALL	650754.3	4189999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	6.32E-06
6073	ALL	650744.8	4189976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	6.35E-06
6074	ALL	650735.4	4189953	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	6.37E-06
6075	ALL	650726	4189931	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.39E-06	0.00E+00	0.00E+00	6.39E-06
6076	ALL	650716.5	4189908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	6.41E-06
6077	ALL	650707.1	4189885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	6.42E-06
6078	ALL	650697.7	4189863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.44E-06
6079	ALL	650688.2	4189840	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	6.46E-06
6080	ALL	650678.8	4189817	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	6.48E-06
6081	ALL	650669.3	4189795	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.50E-06
6082	ALL	650659.9	4189772	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.52E-06
6083	ALL	650650.5	4189749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	6.55E-06
6084	ALL	650641	4189727	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.57E-06
6085	ALL	650631.6	4189704	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	6.59E-06
6086	ALL	650622.2	4189681	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.61E-06
6087	ALL	650612.7	4189659	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.63E-06
6088	ALL	650603.3	4189636	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	6.66E-06
6089	ALL	650593.8	4189613	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6090	ALL	650584.4	4189591	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6091	ALL	650575	4189568	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.69E-06
6092	ALL	650565.5	4189545	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6093	ALL	650556.1	4189523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6094	ALL	650546.7	4189500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6095	ALL	650537.2	4189477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	6.71E-06
6096	ALL	650527.8	4189455	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	6.71E-06
6097	ALL	650518.3	4189432	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.72E-06
6098	ALL	650508.9	4189409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6099	ALL	650499.5	4189387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	6.74E-06

6100	ALL	650490	4189364	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	6.76E-06
6101	ALL	650480.6	4189341	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6102	ALL	650471.2	4189319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	6.80E-06
6103	ALL	650461.7	4189296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
6104	ALL	650452.3	4189273	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	6.85E-06
6105	ALL	650442.8	4189251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.88E-06
6106	ALL	650433.4	4189228	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	6.92E-06
6107	ALL	650424	4189205	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	6.96E-06
6108	ALL	650414.5	4189183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.00E-06
6109	ALL	650405.1	4189160	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
6110	ALL	650395.7	4189137	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.08E-06
6111	ALL	650386.2	4189115	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	7.12E-06
6112	ALL	650376.8	4189092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	7.14E-06
6113	ALL	650367.3	4189069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.16E-06
6114	ALL	650357.9	4189047	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.16E-06
6115	ALL	650348.5	4189024	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	7.15E-06
6116	ALL	650339	4189001	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	7.12E-06
6117	ALL	650329.6	4188979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.08E-06
6118	ALL	650320.2	4188956	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6119	ALL	650310.7	4188933	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	6.98E-06
6120	ALL	650301.3	4188911	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.93E-06
6121	ALL	650291.8	4188888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	6.87E-06
6122	ALL	650282.4	4188865	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.82E-06
6123	ALL	650273	4188843	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6124	ALL	650263.5	4188820	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6125	ALL	650254.1	4188797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6126	ALL	650244.7	4188775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6127	ALL	650235.2	4188752	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6128	ALL	650225.8	4188729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6129	ALL	650216.3	4188707	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.69E-06
6130	ALL	650206.9	4188684	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6131	ALL	650197.5	4188661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6132	ALL	650188	4188639	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6133	ALL	650178.6	4188616	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	6.81E-06
6134	ALL	650169.2	4188593	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	6.85E-06
6135	ALL	650159.7	4188571	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.90E-06
6136	ALL	650150.3	4188548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	6.94E-06
6137	ALL	650140.9	4188525	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	6.98E-06
6138	ALL	650131.4	4188503	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	7.01E-06
6139	ALL	650122	4188480	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6140	ALL	650112.5	4188457	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6141	ALL	650103.1	4188435	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6142	ALL	650093.7	4188412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6143	ALL	650084.2	4188389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6144	ALL	650074.8	4188367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	7.05E-06
6145	ALL	650065.4	4188344	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6146	ALL	650055.9	4188321	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-07	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	7.01E-06
6147	ALL	650046.5	4188299	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	6.99E-06
6148	ALL	650037	4188276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	6.96E-06
6149	ALL	650027.6	4188253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.93E-06

6150	ALL	650018.2	4188230	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	6.91E-06
6151	ALL	650008.7	4188208	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	6.87E-06
6152	ALL	649999.3	4188185	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	6.84E-06
6153	ALL	649989.9	4188162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	6.80E-06
6154	ALL	649980.4	4188140	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6155	ALL	649971	4188117	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6156	ALL	649961.5	4188094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6157	ALL	649952.1	4188072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.62E-06
6158	ALL	649942.7	4188049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	6.56E-06
6159	ALL	649933.2	4188026	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.50E-06
6160	ALL	649923.8	4188004	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.43E-06
6161	ALL	649914.4	4187981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	6.36E-06
6162	ALL	649904.9	4187958	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	6.29E-06
6163	ALL	649895.5	4187936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	6.22E-06
6164	ALL	649886	4187913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	6.15E-06
6165	ALL	649876.6	4187890	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	6.08E-06
6166	ALL	649867.2	4187868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6167	ALL	649857.7	4187845	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	5.96E-06
6168	ALL	651107.8	4190835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	5.69E-06
6169	ALL	653689.9	4187979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	9.91E-03
6170	ALL	653699	4187987	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	9.57E-03	0.00E+00	0.00E+00	9.57E-03
6171	ALL	653712.3	4187989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.28E-02
6172	ALL	653810.5	4187989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	4.15E-03
6173	ALL	653818.4	4187878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
6174	ALL	653694.5	4187874	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03

HARP2 - HRACalc (dated 22118) 10/31/2022 3:28:41 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 40

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 40

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION HARP\hra\WorkerCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION HARP\hra\WorkerCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION HARP\hra\WorkerNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION HARP\hra\WorkerNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION HARP\hra\WorkerNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Manteca Gas Station\MANTECA GAS STATION HARP\hra\WorkerNCAcuteRiskSumByRec.csv
HRA ran successfully

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		653690.1	4187328	5.96E-09	40YrCancer	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		653710.1	4187328	5.92E-09	40YrCancer	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		653730.1	4187328	5.92E-09	40YrCancer	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		653750.1	4187328	5.97E-09	40YrCancer	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		653770.1	4187328	6.05E-09	40YrCancer	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		653790.1	4187328	6.16E-09	40YrCancer	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		653810.1	4187328	6.27E-09	40YrCancer	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		653830.1	4187328	6.39E-09	40YrCancer	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		653850.1	4187328	6.49E-09	40YrCancer	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		653870.1	4187328	6.57E-09	40YrCancer	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		653890.1	4187328	6.63E-09	40YrCancer	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		653910.1	4187328	6.68E-09	40YrCancer	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		653930.1	4187328	6.72E-09	40YrCancer	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		653950.1	4187328	6.75E-09	40YrCancer	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		653970.1	4187328	6.76E-09	40YrCancer	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		653990.1	4187328	6.75E-09	40YrCancer	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		654010.1	4187328	6.72E-09	40YrCancer	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		654030.1	4187328	6.66E-09	40YrCancer	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		654050.1	4187328	6.57E-09	40YrCancer	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		654070.1	4187328	6.46E-09	40YrCancer	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		654090.1	4187328	6.33E-09	40YrCancer	6.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		654110.1	4187328	6.21E-09	40YrCancer	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		654130.1	4187328	6.09E-09	40YrCancer	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		654150.1	4187328	5.99E-09	40YrCancer	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		654170.1	4187328	5.90E-09	40YrCancer	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		654190.1	4187328	5.83E-09	40YrCancer	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		654210.1	4187328	5.77E-09	40YrCancer	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		654230.1	4187328	5.71E-09	40YrCancer	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		654250.1	4187328	5.66E-09	40YrCancer	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		654270.1	4187328	5.60E-09	40YrCancer	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		654290.1	4187328	5.54E-09	40YrCancer	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		654310.1	4187328	5.48E-09	40YrCancer	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		654330.1	4187328	5.40E-09	40YrCancer	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		654350.1	4187328	5.32E-09	40YrCancer	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		654370.1	4187328	5.24E-09	40YrCancer	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		654390.1	4187328	5.15E-09	40YrCancer	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		654410.1	4187328	5.06E-09	40YrCancer	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		654430.1	4187328	4.96E-09	40YrCancer	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		654450.1	4187328	4.87E-09	40YrCancer	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		654470.1	4187328	4.78E-09	40YrCancer	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		654490.1	4187328	4.68E-09	40YrCancer	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		653690.1	4187348	6.29E-09	40YrCancer	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		653710.1	4187348	6.25E-09	40YrCancer	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		653730.1	4187348	6.25E-09	40YrCancer	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		653750.1	4187348	6.30E-09	40YrCancer	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		653770.1	4187348	6.39E-09	40YrCancer	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		653790.1	4187348	6.51E-09	40YrCancer	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		653810.1	4187348	6.64E-09	40YrCancer	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		653830.1	4187348	6.76E-09	40YrCancer	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		653850.1	4187348	6.87E-09	40YrCancer	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		653870.1	4187348	6.95E-09	40YrCancer	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		653890.1	4187348	7.01E-09	40YrCancer	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		653910.1	4187348	7.06E-09	40YrCancer	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		653930.1	4187348	7.10E-09	40YrCancer	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		653950.1	4187348	7.13E-09	40YrCancer	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		653970.1	4187348	7.13E-09	40YrCancer	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		653990.1	4187348	7.11E-09	40YrCancer	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		654010.1	4187348	7.07E-09	40YrCancer	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		654030.1	4187348	6.98E-09	40YrCancer	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		654050.1	4187348	6.88E-09	40YrCancer	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		654070.1	4187348	6.75E-09	40YrCancer	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		654090.1	4187348	6.61E-09	40YrCancer	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		654110.1	4187348	6.48E-09	40YrCancer	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		654130.1	4187348	6.37E-09	40YrCancer	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		654150.1	4187348	6.27E-09	40YrCancer	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		654170.1	4187348	6.18E-09	40YrCancer	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		654190.1	4187348	6.11E-09	40YrCancer	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		654210.1	4187348	6.05E-09	40YrCancer	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		654230.1	4187348	5.99E-09	40YrCancer	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		654250.1	4187348	5.93E-09	40YrCancer	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		654270.1	4187348	5.86E-09	40YrCancer	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		654290.1	4187348	5.79E-09	40YrCancer	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		654310.1	4187348	5.71E-09	40YrCancer	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		654330.1	4187348	5.62E-09	40YrCancer	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		654350.1	4187348	5.53E-09	40YrCancer	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		654370.1	4187348	5.43E-09	40YrCancer	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		654390.1	4187348	5.33E-09	40YrCancer	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		654410.1	4187348	5.23E-09	40YrCancer	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		654430.1	4187348	5.13E-09	40YrCancer	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		654450.1	4187348	5.03E-09	40YrCancer	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		654470.1	4187348	4.93E-09	40YrCancer	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		654490.1	4187348	4.82E-09	40YrCancer	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		653690.1	4187368	6.65E-09	40YrCancer	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		653710.1	4187368	6.61E-09	40YrCancer	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		653730.1	4187368	6.61E-09	40YrCancer	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		653750.1	4187368	6.67E-09	40YrCancer	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		653770.1	4187368	6.77E-09	40YrCancer	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		653790.1	4187368	6.89E-09	40YrCancer	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		653810.1	4187368	7.03E-09	40YrCancer	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		653830.1	4187368	7.17E-09	40YrCancer	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		653850.1	4187368	7.28E-09	40YrCancer	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		653870.1	4187368	7.37E-09	40YrCancer	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		653890.1	4187368	7.43E-09	40YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		653910.1	4187368	7.48E-09	40YrCancer	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		653930.1	4187368	7.52E-09	40YrCancer	7.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		653950.1	4187368	7.54E-09	40YrCancer	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		653970.1	4187368	7.54E-09	40YrCancer	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		653990.1	4187368	7.50E-09	40YrCancer	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL		654010.1	4187368	7.43E-09	40YrCancer	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL		654030.1	4187368	7.33E-09	40YrCancer	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

101	ALL	654050.1	4187368	7.20E-09	40YrCancel	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	654070.1	4187368	7.06E-09	40YrCancel	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	654090.1	4187368	6.91E-09	40YrCancel	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	654110.1	4187368	6.78E-09	40YrCancel	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	654130.1	4187368	6.67E-09	40YrCancel	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	654150.1	4187368	6.57E-09	40YrCancel	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	654170.1	4187368	6.49E-09	40YrCancel	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	654190.1	4187368	6.42E-09	40YrCancel	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	654210.1	4187368	6.35E-09	40YrCancel	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	654230.1	4187368	6.28E-09	40YrCancel	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	654250.1	4187368	6.21E-09	40YrCancel	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	654270.1	4187368	6.13E-09	40YrCancel	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	654290.1	4187368	6.05E-09	40YrCancel	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	654310.1	4187368	5.95E-09	40YrCancel	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	654330.1	4187368	5.85E-09	40YrCancel	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	654350.1	4187368	5.75E-09	40YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	654370.1	4187368	5.64E-09	40YrCancel	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	654390.1	4187368	5.53E-09	40YrCancel	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	654410.1	4187368	5.41E-09	40YrCancel	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	654430.1	4187368	5.30E-09	40YrCancel	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	654450.1	4187368	5.19E-09	40YrCancel	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	654470.1	4187368	5.08E-09	40YrCancel	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	654490.1	4187368	4.97E-09	40YrCancel	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	653690.1	4187388	7.04E-09	40YrCancel	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	653710.1	4187388	7.01E-09	40YrCancel	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	653730.1	4187388	7.01E-09	40YrCancel	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	653750.1	4187388	7.07E-09	40YrCancel	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	653770.1	4187388	7.18E-09	40YrCancel	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	653790.1	4187388	7.32E-09	40YrCancel	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	653810.1	4187388	7.47E-09	40YrCancel	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	653830.1	4187388	7.61E-09	40YrCancel	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	653850.1	4187388	7.73E-09	40YrCancel	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	653870.1	4187388	7.82E-09	40YrCancel	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	653890.1	4187388	7.89E-09	40YrCancel	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	653910.1	4187388	7.94E-09	40YrCancel	7.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	653930.1	4187388	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	653950.1	4187388	7.99E-09	40YrCancel	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	653970.1	4187388	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	653990.1	4187388	7.92E-09	40YrCancel	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	654010.1	4187388	7.83E-09	40YrCancel	7.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	654030.1	4187388	7.70E-09	40YrCancel	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	654050.1	4187388	7.55E-09	40YrCancel	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	654070.1	4187388	7.39E-09	40YrCancel	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	654090.1	4187388	7.24E-09	40YrCancel	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	654110.1	4187388	7.11E-09	40YrCancel	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	654130.1	4187388	7.00E-09	40YrCancel	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	654150.1	4187388	6.91E-09	40YrCancel	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	654170.1	4187388	6.83E-09	40YrCancel	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	654190.1	4187388	6.75E-09	40YrCancel	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	654210.1	4187388	6.68E-09	40YrCancel	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	654230.1	4187388	6.60E-09	40YrCancel	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	654250.1	4187388	6.51E-09	40YrCancel	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	654270.1	4187388	6.42E-09	40YrCancel	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	654290.1	4187388	6.31E-09	40YrCancel	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	654310.1	4187388	6.20E-09	40YrCancel	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	654330.1	4187388	6.09E-09	40YrCancel	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	654350.1	4187388	5.97E-09	40YrCancel	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	654370.1	4187388	5.84E-09	40YrCancel	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	654390.1	4187388	5.72E-09	40YrCancel	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	654410.1	4187388	5.60E-09	40YrCancel	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	654430.1	4187388	5.48E-09	40YrCancel	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	654450.1	4187388	5.35E-09	40YrCancel	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	654470.1	4187388	5.23E-09	40YrCancel	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	654490.1	4187388	5.11E-09	40YrCancel	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	653690.1	4187408	7.48E-09	40YrCancel	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	653710.1	4187408	7.44E-09	40YrCancel	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	653730.1	4187408	7.44E-09	40YrCancel	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	653750.1	4187408	7.51E-09	40YrCancel	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	653770.1	4187408	7.63E-09	40YrCancel	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	653790.1	4187408	7.79E-09	40YrCancel	7.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	653810.1	4187408	7.95E-09	40YrCancel	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	653830.1	4187408	8.10E-09	40YrCancel	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	653850.1	4187408	8.23E-09	40YrCancel	8.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	653870.1	4187408	8.32E-09	40YrCancel	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	653890.1	4187408	8.39E-09	40YrCancel	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	653910.1	4187408	8.44E-09	40YrCancel	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	653930.1	4187408	8.47E-09	40YrCancel	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	653950.1	4187408	8.48E-09	40YrCancel	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	653970.1	4187408	8.44E-09	40YrCancel	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	653990.1	4187408	8.36E-09	40YrCancel	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	654010.1	4187408	8.24E-09	40YrCancel	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	654030.1	4187408	8.09E-09	40YrCancel	8.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	654050.1	4187408	7.92E-09	40YrCancel	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	654070.1	4187408	7.76E-09	40YrCancel	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	654090.1	4187408	7.60E-09	40YrCancel	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	654110.1	4187408	7.47E-09	40YrCancel	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	654130.1	4187408	7.37E-09	40YrCancel	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	654150.1	4187408	7.27E-09	40YrCancel	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	654170.1	4187408	7.19E-09	40YrCancel	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	654190.1	4187408	7.11E-09	40YrCancel	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	654210.1	4187408	7.02E-09	40YrCancel	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	654230.1	4187408	6.93E-09	40YrCancel	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	654250.1	4187408	6.82E-09	40YrCancel	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	654270.1	4187408	6.71E-09	40YrCancel	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	654290.1	4187408	6.59E-09	40YrCancel	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	654310.1	4187408	6.46E-09	40YrCancel	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	654330.1	4187408	6.33E-09	40YrCancel	6.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	654350.1	4187408	6.19E-09	40YrCancel	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	654370.1	4187408	6.06E-09	40YrCancel	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	654390.1	4187408	5.92E-09	40YrCancel	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	654410.1	4187408	5.79E-09	40YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

202	ALL	654430.1	4187408	5.65E-09	40YrCancel	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	654450.1	4187408	5.52E-09	40YrCancel	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	654470.1	4187408	5.39E-09	40YrCancel	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	654490.1	4187408	5.26E-09	40YrCancel	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	653690.1	4187428	7.95E-09	40YrCancel	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	653710.1	4187428	7.91E-09	40YrCancel	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	653730.1	4187428	7.92E-09	40YrCancel	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	653750.1	4187428	7.99E-09	40YrCancel	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	653770.1	4187428	8.13E-09	40YrCancel	8.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	653790.1	4187428	8.30E-09	40YrCancel	8.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	653810.1	4187428	8.48E-09	40YrCancel	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	653830.1	4187428	8.65E-09	40YrCancel	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	653850.1	4187428	8.78E-09	40YrCancel	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	653870.1	4187428	8.87E-09	40YrCancel	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	653890.1	4187428	8.94E-09	40YrCancel	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	653910.1	4187428	8.99E-09	40YrCancel	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	653930.1	4187428	9.02E-09	40YrCancel	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	653950.1	4187428	9.01E-09	40YrCancel	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	653970.1	4187428	8.95E-09	40YrCancel	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	653990.1	4187428	8.84E-09	40YrCancel	8.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	654010.1	4187428	8.69E-09	40YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	654030.1	4187428	8.51E-09	40YrCancel	8.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	654050.1	4187428	8.33E-09	40YrCancel	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	654070.1	4187428	8.16E-09	40YrCancel	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	654090.1	4187428	8.01E-09	40YrCancel	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	654110.1	4187428	7.88E-09	40YrCancel	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	654130.1	4187428	7.77E-09	40YrCancel	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	654150.1	4187428	7.68E-09	40YrCancel	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	654170.1	4187428	7.59E-09	40YrCancel	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	654190.1	4187428	7.49E-09	40YrCancel	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	654210.1	4187428	7.39E-09	40YrCancel	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	654230.1	4187428	7.27E-09	40YrCancel	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	654250.1	4187428	7.15E-09	40YrCancel	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	654270.1	4187428	7.01E-09	40YrCancel	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	654290.1	4187428	6.87E-09	40YrCancel	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	654310.1	4187428	6.73E-09	40YrCancel	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	654330.1	4187428	6.58E-09	40YrCancel	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	654350.1	4187428	6.43E-09	40YrCancel	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	654370.1	4187428	6.28E-09	40YrCancel	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	654390.1	4187428	6.13E-09	40YrCancel	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	654410.1	4187428	5.98E-09	40YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	654430.1	4187428	5.83E-09	40YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	654450.1	4187428	5.69E-09	40YrCancel	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	654470.1	4187428	5.55E-09	40YrCancel	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	654490.1	4187428	5.41E-09	40YrCancel	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	653690.1	4187448	8.48E-09	40YrCancel	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	653710.1	4187448	8.44E-09	40YrCancel	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	653730.1	4187448	8.45E-09	40YrCancel	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	653750.1	4187448	8.53E-09	40YrCancel	8.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	653770.1	4187448	8.68E-09	40YrCancel	8.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	653790.1	4187448	8.88E-09	40YrCancel	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	653810.1	4187448	9.07E-09	40YrCancel	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	653830.1	4187448	9.25E-09	40YrCancel	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	653850.1	4187448	9.38E-09	40YrCancel	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	653870.1	4187448	9.48E-09	40YrCancel	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	653890.1	4187448	9.56E-09	40YrCancel	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	653910.1	4187448	9.60E-09	40YrCancel	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	653930.1	4187448	9.61E-09	40YrCancel	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	653950.1	4187448	9.58E-09	40YrCancel	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	653970.1	4187448	9.49E-09	40YrCancel	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	653990.1	4187448	9.35E-09	40YrCancel	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	654010.1	4187448	9.17E-09	40YrCancel	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	654030.1	4187448	8.97E-09	40YrCancel	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	654050.1	4187448	8.78E-09	40YrCancel	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	654070.1	4187448	8.60E-09	40YrCancel	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	654090.1	4187448	8.45E-09	40YrCancel	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	654110.1	4187448	8.33E-09	40YrCancel	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	654130.1	4187448	8.22E-09	40YrCancel	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	654150.1	4187448	8.12E-09	40YrCancel	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	654170.1	4187448	8.01E-09	40YrCancel	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	654190.1	4187448	7.90E-09	40YrCancel	7.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	654210.1	4187448	7.77E-09	40YrCancel	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	654230.1	4187448	7.63E-09	40YrCancel	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	654250.1	4187448	7.49E-09	40YrCancel	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	654270.1	4187448	7.33E-09	40YrCancel	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	654290.1	4187448	7.17E-09	40YrCancel	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	654310.1	4187448	7.00E-09	40YrCancel	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	654330.1	4187448	6.83E-09	40YrCancel	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	654350.1	4187448	6.67E-09	40YrCancel	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	654370.1	4187448	6.50E-09	40YrCancel	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	654390.1	4187448	6.34E-09	40YrCancel	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	654410.1	4187448	6.18E-09	40YrCancel	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	654430.1	4187448	6.02E-09	40YrCancel	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	654450.1	4187448	5.86E-09	40YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	654470.1	4187448	5.70E-09	40YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	654490.1	4187448	5.55E-09	40YrCancel	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	653690.1	4187468	9.06E-09	40YrCancel	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	653710.1	4187468	9.02E-09	40YrCancel	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	653730.1	4187468	9.03E-09	40YrCancel	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	653750.1	4187468	9.13E-09	40YrCancel	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	653770.1	4187468	9.30E-09	40YrCancel	9.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	653790.1	4187468	9.51E-09	40YrCancel	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	653810.1	4187468	9.73E-09	40YrCancel	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	653830.1	4187468	9.92E-09	40YrCancel	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	653850.1	4187468	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	653870.1	4187468	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	653890.1	4187468	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	653910.1	4187468	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	653930.1	4187468	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	653950.1	4187468	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	653970.1	4187468	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

303	ALL	653990.1	4187468	9.91E-09	40YrCancel	9.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	654010.1	4187468	9.69E-09	40YrCancel	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	654030.1	4187468	9.47E-09	40YrCancel	9.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	654050.1	4187468	9.27E-09	40YrCancel	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	654070.1	4187468	9.10E-09	40YrCancel	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	654090.1	4187468	8.95E-09	40YrCancel	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	654110.1	4187468	8.83E-09	40YrCancel	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	654130.1	4187468	8.71E-09	40YrCancel	8.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	654150.1	4187468	8.59E-09	40YrCancel	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	654170.1	4187468	8.47E-09	40YrCancel	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	654190.1	4187468	8.33E-09	40YrCancel	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	654210.1	4187468	8.17E-09	40YrCancel	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	654230.1	4187468	8.01E-09	40YrCancel	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	654250.1	4187468	7.83E-09	40YrCancel	7.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	654270.1	4187468	7.65E-09	40YrCancel	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	654290.1	4187468	7.47E-09	40YrCancel	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	654310.1	4187468	7.28E-09	40YrCancel	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	654330.1	4187468	7.10E-09	40YrCancel	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	654350.1	4187468	6.92E-09	40YrCancel	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	654370.1	4187468	6.73E-09	40YrCancel	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	654390.1	4187468	6.55E-09	40YrCancel	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	654410.1	4187468	6.38E-09	40YrCancel	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	654430.1	4187468	6.20E-09	40YrCancel	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	654450.1	4187468	6.03E-09	40YrCancel	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	654470.1	4187468	5.86E-09	40YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	654490.1	4187468	5.70E-09	40YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	653690.1	4187488	9.71E-09	40YrCancel	9.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	653710.1	4187488	9.67E-09	40YrCancel	9.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	653730.1	4187488	9.69E-09	40YrCancel	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	653750.1	4187488	9.80E-09	40YrCancel	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	653770.1	4187488	9.99E-09	40YrCancel	9.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	653790.1	4187488	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	653810.1	4187488	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	653830.1	4187488	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	653850.1	4187488	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	653870.1	4187488	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	653890.1	4187488	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	653910.1	4187488	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	653930.1	4187488	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	653950.1	4187488	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	653970.1	4187488	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	653990.1	4187488	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	654010.1	4187488	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	654030.1	4187488	1.00E-08	40YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	654050.1	4187488	9.83E-09	40YrCancel	9.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	654070.1	4187488	9.66E-09	40YrCancel	9.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	654090.1	4187488	9.51E-09	40YrCancel	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	654110.1	4187488	9.38E-09	40YrCancel	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	654130.1	4187488	9.25E-09	40YrCancel	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	654150.1	4187488	9.10E-09	40YrCancel	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	654170.1	4187488	8.95E-09	40YrCancel	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	654190.1	4187488	8.78E-09	40YrCancel	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	654210.1	4187488	8.59E-09	40YrCancel	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	654230.1	4187488	8.40E-09	40YrCancel	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	654250.1	4187488	8.19E-09	40YrCancel	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	654270.1	4187488	7.99E-09	40YrCancel	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	654290.1	4187488	7.78E-09	40YrCancel	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	654310.1	4187488	7.58E-09	40YrCancel	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	654330.1	4187488	7.37E-09	40YrCancel	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	654350.1	4187488	7.17E-09	40YrCancel	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	654370.1	4187488	6.97E-09	40YrCancel	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	654390.1	4187488	6.77E-09	40YrCancel	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	654410.1	4187488	6.57E-09	40YrCancel	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	654430.1	4187488	6.38E-09	40YrCancel	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	654450.1	4187488	6.20E-09	40YrCancel	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	654470.1	4187488	6.02E-09	40YrCancel	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	654490.1	4187488	5.84E-09	40YrCancel	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	653690.1	4187508	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	653710.1	4187508	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	653730.1	4187508	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	653750.1	4187508	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	653770.1	4187508	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	653790.1	4187508	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	653810.1	4187508	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	653830.1	4187508	1.15E-08	40YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	653850.1	4187508	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	653870.1	4187508	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	653890.1	4187508	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	653910.1	4187508	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	653930.1	4187508	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	653950.1	4187508	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	653970.1	4187508	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	653990.1	4187508	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	654010.1	4187508	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	654030.1	4187508	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	654050.1	4187508	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	654070.1	4187508	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	654090.1	4187508	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	654110.1	4187508	9.98E-09	40YrCancel	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	654130.1	4187508	9.82E-09	40YrCancel	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	654150.1	4187508	9.65E-09	40YrCancel	9.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	654170.1	4187508	9.45E-09	40YrCancel	9.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	654190.1	4187508	9.25E-09	40YrCancel	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	654210.1	4187508	9.03E-09	40YrCancel	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	654230.1	4187508	8.80E-09	40YrCancel	8.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	654250.1	4187508	8.57E-09	40YrCancel	8.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	654270.1	4187508	8.34E-09	40YrCancel	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	654290.1	4187508	8.10E-09	40YrCancel	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	654310.1	4187508	7.87E-09	40YrCancel	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	654330.1	4187508	7.65E-09	40YrCancel	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	654350.1	4187508	7.42E-09	40YrCancel	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

404	ALL	654370.1	4187508	7.20E-09	40YrCancel	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	654390.1	4187508	6.98E-09	40YrCancel	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	654410.1	4187508	6.77E-09	40YrCancel	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	654430.1	4187508	6.57E-09	40YrCancel	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	654450.1	4187508	6.37E-09	40YrCancel	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	654470.1	4187508	6.17E-09	40YrCancel	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	654490.1	4187508	5.98E-09	40YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	653690.1	4187528	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	653710.1	4187528	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	653730.1	4187528	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	653750.1	4187528	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	653770.1	4187528	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	653790.1	4187528	1.19E-08	40YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	653810.1	4187528	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	653830.1	4187528	1.25E-08	40YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	653850.1	4187528	1.26E-08	40YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	653870.1	4187528	1.27E-08	40YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	653890.1	4187528	1.28E-08	40YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	653910.1	4187528	1.28E-08	40YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	653930.1	4187528	1.26E-08	40YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	653950.1	4187528	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	653970.1	4187528	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	653990.1	4187528	1.19E-08	40YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	654010.1	4187528	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	654030.1	4187528	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	654050.1	4187528	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	654070.1	4187528	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	654090.1	4187528	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	654110.1	4187528	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	654130.1	4187528	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	654150.1	4187528	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	654170.1	4187528	9.98E-09	40YrCancel	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	654190.1	4187528	9.74E-09	40YrCancel	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	654210.1	4187528	9.48E-09	40YrCancel	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	654230.1	4187528	9.22E-09	40YrCancel	9.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	654250.1	4187528	8.96E-09	40YrCancel	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	654270.1	4187528	8.69E-09	40YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	654290.1	4187528	8.43E-09	40YrCancel	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	654310.1	4187528	8.18E-09	40YrCancel	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	654330.1	4187528	7.92E-09	40YrCancel	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	654350.1	4187528	7.68E-09	40YrCancel	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	654370.1	4187528	7.43E-09	40YrCancel	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	654390.1	4187528	7.20E-09	40YrCancel	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	654410.1	4187528	6.97E-09	40YrCancel	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	654430.1	4187528	6.74E-09	40YrCancel	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	654450.1	4187528	6.53E-09	40YrCancel	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	654470.1	4187528	6.32E-09	40YrCancel	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	654490.1	4187528	6.11E-09	40YrCancel	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	653690.1	4187548	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	653710.1	4187548	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	653730.1	4187548	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	653750.1	4187548	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	653770.1	4187548	1.26E-08	40YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	653790.1	4187548	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	653810.1	4187548	1.33E-08	40YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	653830.1	4187548	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	653850.1	4187548	1.37E-08	40YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	653870.1	4187548	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	653890.1	4187548	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	653910.1	4187548	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	653930.1	4187548	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	653950.1	4187548	1.33E-08	40YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	653970.1	4187548	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	653990.1	4187548	1.27E-08	40YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	654010.1	4187548	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	654030.1	4187548	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	654050.1	4187548	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	654070.1	4187548	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	654090.1	4187548	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	654110.1	4187548	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	654130.1	4187548	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	654150.1	4187548	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	654170.1	4187548	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	654190.1	4187548	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	654210.1	4187548	9.95E-09	40YrCancel	9.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	654230.1	4187548	9.65E-09	40YrCancel	9.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	654250.1	4187548	9.35E-09	40YrCancel	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	654270.1	4187548	9.06E-09	40YrCancel	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	654290.1	4187548	8.77E-09	40YrCancel	8.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	654310.1	4187548	8.48E-09	40YrCancel	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	654330.1	4187548	8.20E-09	40YrCancel	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	654350.1	4187548	7.93E-09	40YrCancel	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	654370.1	4187548	7.67E-09	40YrCancel	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	654390.1	4187548	7.41E-09	40YrCancel	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	654410.1	4187548	7.16E-09	40YrCancel	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	654430.1	4187548	6.92E-09	40YrCancel	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	654450.1	4187548	6.68E-09	40YrCancel	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	654470.1	4187548	6.46E-09	40YrCancel	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	654490.1	4187548	6.24E-09	40YrCancel	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	653690.1	4187568	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	653710.1	4187568	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	653730.1	4187568	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	653750.1	4187568	1.34E-08	40YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	653770.1	4187568	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	653790.1	4187568	1.41E-08	40YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	653810.1	4187568	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	653830.1	4187568	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	653850.1	4187568	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	653870.1	4187568	1.50E-08	40YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	653890.1	4187568	1.50E-08	40YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	653910.1	4187568	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

505	ALL	653930.1	4187568	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	653950.1	4187568	1.43E-08	40YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	653970.1	4187568	1.40E-08	40YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	653990.1	4187568	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	654010.1	4187568	1.33E-08	40YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	654030.1	4187568	1.31E-08	40YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	654050.1	4187568	1.28E-08	40YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	654070.1	4187568	1.26E-08	40YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	654090.1	4187568	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	654110.1	4187568	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	654130.1	4187568	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	654150.1	4187568	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	654170.1	4187568	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	654190.1	4187568	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	654210.1	4187568	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	654230.1	4187568	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	654250.1	4187568	9.76E-09	40YrCancel	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	654270.1	4187568	9.43E-09	40YrCancel	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	654290.1	4187568	9.10E-09	40YrCancel	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	654310.1	4187568	8.79E-09	40YrCancel	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	654330.1	4187568	8.48E-09	40YrCancel	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	654350.1	4187568	8.18E-09	40YrCancel	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	654370.1	4187568	7.89E-09	40YrCancel	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	654390.1	4187568	7.61E-09	40YrCancel	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	654410.1	4187568	7.34E-09	40YrCancel	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	654430.1	4187568	7.08E-09	40YrCancel	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	654450.1	4187568	6.83E-09	40YrCancel	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	654470.1	4187568	6.59E-09	40YrCancel	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	654490.1	4187568	6.36E-09	40YrCancel	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	653690.1	4187588	1.44E-08	40YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	653710.1	4187588	1.44E-08	40YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	653730.1	4187588	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	653750.1	4187588	1.47E-08	40YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	653770.1	4187588	1.51E-08	40YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	653790.1	4187588	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	653810.1	4187588	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	653830.1	4187588	1.62E-08	40YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	653850.1	4187588	1.63E-08	40YrCancel	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	653870.1	4187588	1.64E-08	40YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	653890.1	4187588	1.63E-08	40YrCancel	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	653910.1	4187588	1.61E-08	40YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	653930.1	4187588	1.58E-08	40YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	653950.1	4187588	1.54E-08	40YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	653970.1	4187588	1.50E-08	40YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	653990.1	4187588	1.47E-08	40YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	654010.1	4187588	1.44E-08	40YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	654030.1	4187588	1.41E-08	40YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	654050.1	4187588	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	654070.1	4187588	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	654090.1	4187588	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	654110.1	4187588	1.29E-08	40YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	654130.1	4187588	1.25E-08	40YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	654150.1	4187588	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	654170.1	4187588	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	654190.1	4187588	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	654210.1	4187588	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	654230.1	4187588	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	654250.1	4187588	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	654270.1	4187588	9.80E-09	40YrCancel	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	654290.1	4187588	9.44E-09	40YrCancel	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	654310.1	4187588	9.09E-09	40YrCancel	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	654330.1	4187588	8.75E-09	40YrCancel	8.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	654350.1	4187588	8.42E-09	40YrCancel	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	654370.1	4187588	8.11E-09	40YrCancel	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	654390.1	4187588	7.81E-09	40YrCancel	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	654410.1	4187588	7.52E-09	40YrCancel	7.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	654430.1	4187588	7.24E-09	40YrCancel	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	654450.1	4187588	6.97E-09	40YrCancel	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	654470.1	4187588	6.72E-09	40YrCancel	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	654490.1	4187588	6.48E-09	40YrCancel	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	653690.1	4187608	1.58E-08	40YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	653710.1	4187608	1.58E-08	40YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	653730.1	4187608	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	653750.1	4187608	1.61E-08	40YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	653770.1	4187608	1.66E-08	40YrCancel	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	653790.1	4187608	1.71E-08	40YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	653810.1	4187608	1.75E-08	40YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	653830.1	4187608	1.78E-08	40YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	653850.1	4187608	1.79E-08	40YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	653870.1	4187608	1.80E-08	40YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	653890.1	4187608	1.78E-08	40YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	653910.1	4187608	1.75E-08	40YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	653930.1	4187608	1.71E-08	40YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	653950.1	4187608	1.67E-08	40YrCancel	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	653970.1	4187608	1.62E-08	40YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	653990.1	4187608	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	654010.1	4187608	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	654030.1	4187608	1.52E-08	40YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	654050.1	4187608	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	654070.1	4187608	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	654090.1	4187608	1.41E-08	40YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	654110.1	4187608	1.37E-08	40YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	654130.1	4187608	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	654150.1	4187608	1.28E-08	40YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	654170.1	4187608	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	654190.1	4187608	1.19E-08	40YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	654210.1	4187608	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	654230.1	4187608	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	654250.1	4187608	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	654270.1	4187608	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	654290.1	4187608	9.77E-09	40YrCancel	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

606	ALL	654310.1	4187608	9.38E-09	40YrCancel	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	654330.1	4187608	9.01E-09	40YrCancel	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	654350.1	4187608	8.66E-09	40YrCancel	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	654370.1	4187608	8.32E-09	40YrCancel	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	654390.1	4187608	7.99E-09	40YrCancel	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	654410.1	4187608	7.68E-09	40YrCancel	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	654430.1	4187608	7.38E-09	40YrCancel	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	654450.1	4187608	7.10E-09	40YrCancel	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	654470.1	4187608	6.84E-09	40YrCancel	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	654490.1	4187608	6.58E-09	40YrCancel	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	653690.1	4187628	1.74E-08	40YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	653710.1	4187628	1.74E-08	40YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	653730.1	4187628	1.75E-08	40YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	653750.1	4187628	1.78E-08	40YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	653770.1	4187628	1.83E-08	40YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	653790.1	4187628	1.89E-08	40YrCancel	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	653810.1	4187628	1.94E-08	40YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	653830.1	4187628	1.97E-08	40YrCancel	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	653850.1	4187628	1.98E-08	40YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	653870.1	4187628	1.98E-08	40YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	653890.1	4187628	1.95E-08	40YrCancel	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	653910.1	4187628	1.91E-08	40YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	653930.1	4187628	1.86E-08	40YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	653950.1	4187628	1.81E-08	40YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	653970.1	4187628	1.77E-08	40YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	653990.1	4187628	1.73E-08	40YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	654010.1	4187628	1.69E-08	40YrCancel	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	654030.1	4187628	1.65E-08	40YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	654050.1	4187628	1.61E-08	40YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	654070.1	4187628	1.56E-08	40YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	654090.1	4187628	1.51E-08	40YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	654110.1	4187628	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	654130.1	4187628	1.40E-08	40YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	654150.1	4187628	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	654170.1	4187628	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	654190.1	4187628	1.25E-08	40YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	654210.1	4187628	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	654230.1	4187628	1.15E-08	40YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	654250.1	4187628	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	654270.1	4187628	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	654290.1	4187628	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	654310.1	4187628	9.66E-09	40YrCancel	9.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	654330.1	4187628	9.26E-09	40YrCancel	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	654350.1	4187628	8.87E-09	40YrCancel	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	654370.1	4187628	8.51E-09	40YrCancel	8.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	654390.1	4187628	8.16E-09	40YrCancel	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	654410.1	4187628	7.83E-09	40YrCancel	7.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	654430.1	4187628	7.52E-09	40YrCancel	7.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	654450.1	4187628	7.23E-09	40YrCancel	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	654470.1	4187628	6.95E-09	40YrCancel	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	654490.1	4187628	6.68E-09	40YrCancel	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	653690.1	4187648	1.93E-08	40YrCancel	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	653710.1	4187648	1.93E-08	40YrCancel	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	653730.1	4187648	1.94E-08	40YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	653750.1	4187648	1.98E-08	40YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	653770.1	4187648	2.04E-08	40YrCancel	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	653790.1	4187648	2.11E-08	40YrCancel	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	653810.1	4187648	2.16E-08	40YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	653830.1	4187648	2.19E-08	40YrCancel	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	653850.1	4187648	2.20E-08	40YrCancel	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	653870.1	4187648	2.18E-08	40YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	653890.1	4187648	2.15E-08	40YrCancel	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	653910.1	4187648	2.09E-08	40YrCancel	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	653930.1	4187648	2.03E-08	40YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	653950.1	4187648	1.98E-08	40YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	653970.1	4187648	1.93E-08	40YrCancel	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	653990.1	4187648	1.88E-08	40YrCancel	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	654010.1	4187648	1.84E-08	40YrCancel	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	654030.1	4187648	1.79E-08	40YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	654050.1	4187648	1.73E-08	40YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	654070.1	4187648	1.67E-08	40YrCancel	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	654090.1	4187648	1.61E-08	40YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	654110.1	4187648	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	654130.1	4187648	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	654150.1	4187648	1.42E-08	40YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	654170.1	4187648	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	654190.1	4187648	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	654210.1	4187648	1.25E-08	40YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	654230.1	4187648	1.19E-08	40YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	654250.1	4187648	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	654270.1	4187648	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	654290.1	4187648	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	654310.1	4187648	9.93E-09	40YrCancel	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	654330.1	4187648	9.49E-09	40YrCancel	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	654350.1	4187648	9.08E-09	40YrCancel	9.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	654370.1	4187648	8.69E-09	40YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	654390.1	4187648	8.32E-09	40YrCancel	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	654410.1	4187648	7.98E-09	40YrCancel	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	654430.1	4187648	7.65E-09	40YrCancel	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	654450.1	4187648	7.34E-09	40YrCancel	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	654470.1	4187648	7.05E-09	40YrCancel	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	654490.1	4187648	6.77E-09	40YrCancel	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	653690.1	4187668	2.14E-08	40YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	653710.1	4187668	2.15E-08	40YrCancel	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	653730.1	4187668	2.17E-08	40YrCancel	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	653750.1	4187668	2.21E-08	40YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	653770.1	4187668	2.29E-08	40YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	653790.1	4187668	2.36E-08	40YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	653810.1	4187668	2.42E-08	40YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	653830.1	4187668	2.45E-08	40YrCancel	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	653850.1	4187668	2.45E-08	40YrCancel	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

707	ALL	653870.1	4187668	2.42E-08	40YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	653890.1	4187668	2.37E-08	40YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	653910.1	4187668	2.30E-08	40YrCancel	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	653930.1	4187668	2.23E-08	40YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	653950.1	4187668	2.17E-08	40YrCancel	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	653970.1	4187668	2.12E-08	40YrCancel	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	653990.1	4187668	2.06E-08	40YrCancel	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	654010.1	4187668	2.00E-08	40YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	654030.1	4187668	1.94E-08	40YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	654050.1	4187668	1.86E-08	40YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	654070.1	4187668	1.79E-08	40YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	654090.1	4187668	1.72E-08	40YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	654110.1	4187668	1.64E-08	40YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	654130.1	4187668	1.57E-08	40YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	654150.1	4187668	1.50E-08	40YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	654170.1	4187668	1.43E-08	40YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	654190.1	4187668	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	654210.1	4187668	1.29E-08	40YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	654230.1	4187668	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	654250.1	4187668	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	654270.1	4187668	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	654290.1	4187668	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	654310.1	4187668	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	654330.1	4187668	9.71E-09	40YrCancel	9.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	654350.1	4187668	9.27E-09	40YrCancel	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	654370.1	4187668	8.86E-09	40YrCancel	8.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	654390.1	4187668	8.47E-09	40YrCancel	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	654410.1	4187668	8.11E-09	40YrCancel	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	654430.1	4187668	7.76E-09	40YrCancel	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	654450.1	4187668	7.44E-09	40YrCancel	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	654470.1	4187668	7.14E-09	40YrCancel	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	654490.1	4187668	6.85E-09	40YrCancel	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	653690.1	4187688	2.40E-08	40YrCancel	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	653710.1	4187688	2.41E-08	40YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	653730.1	4187688	2.43E-08	40YrCancel	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	653750.1	4187688	2.49E-08	40YrCancel	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	653770.1	4187688	2.58E-08	40YrCancel	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	653790.1	4187688	2.67E-08	40YrCancel	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	653810.1	4187688	2.73E-08	40YrCancel	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	653830.1	4187688	2.76E-08	40YrCancel	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	653850.1	4187688	2.74E-08	40YrCancel	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	653870.1	4187688	2.70E-08	40YrCancel	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	653890.1	4187688	2.62E-08	40YrCancel	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	653910.1	4187688	2.54E-08	40YrCancel	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	653930.1	4187688	2.47E-08	40YrCancel	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	653950.1	4187688	2.40E-08	40YrCancel	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	653970.1	4187688	2.33E-08	40YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	653990.1	4187688	2.26E-08	40YrCancel	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	654010.1	4187688	2.18E-08	40YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	654030.1	4187688	2.09E-08	40YrCancel	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	654050.1	4187688	2.01E-08	40YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	654070.1	4187688	1.91E-08	40YrCancel	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	654090.1	4187688	1.82E-08	40YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	654110.1	4187688	1.74E-08	40YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	654130.1	4187688	1.65E-08	40YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	654150.1	4187688	1.57E-08	40YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	654170.1	4187688	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	654190.1	4187688	1.41E-08	40YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	654210.1	4187688	1.34E-08	40YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	654230.1	4187688	1.27E-08	40YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	654250.1	4187688	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	654270.1	4187688	1.15E-08	40YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	654290.1	4187688	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	654310.1	4187688	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	654330.1	4187688	9.90E-09	40YrCancel	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	654350.1	4187688	9.44E-09	40YrCancel	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	654370.1	4187688	9.01E-09	40YrCancel	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	654390.1	4187688	8.60E-09	40YrCancel	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	654410.1	4187688	8.22E-09	40YrCancel	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	654430.1	4187688	7.87E-09	40YrCancel	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	654450.1	4187688	7.53E-09	40YrCancel	7.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	654470.1	4187688	7.22E-09	40YrCancel	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	654490.1	4187688	6.92E-09	40YrCancel	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	653690.1	4187708	2.72E-08	40YrCancel	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	653710.1	4187708	2.73E-08	40YrCancel	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	653730.1	4187708	2.76E-08	40YrCancel	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	653750.1	4187708	2.83E-08	40YrCancel	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	653770.1	4187708	2.94E-08	40YrCancel	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	653790.1	4187708	3.04E-08	40YrCancel	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	653810.1	4187708	3.10E-08	40YrCancel	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	653830.1	4187708	3.12E-08	40YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	653850.1	4187708	3.09E-08	40YrCancel	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	653870.1	4187708	3.02E-08	40YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	653890.1	4187708	2.93E-08	40YrCancel	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	653910.1	4187708	2.83E-08	40YrCancel	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	653930.1	4187708	2.75E-08	40YrCancel	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	653950.1	4187708	2.67E-08	40YrCancel	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	653970.1	4187708	2.58E-08	40YrCancel	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	653990.1	4187708	2.48E-08	40YrCancel	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	654010.1	4187708	2.37E-08	40YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	654030.1	4187708	2.26E-08	40YrCancel	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	654050.1	4187708	2.15E-08	40YrCancel	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	654070.1	4187708	2.04E-08	40YrCancel	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	654090.1	4187708	1.94E-08	40YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	654110.1	4187708	1.83E-08	40YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	654130.1	4187708	1.73E-08	40YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	654150.1	4187708	1.64E-08	40YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	654170.1	4187708	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	654190.1	4187708	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	654210.1	4187708	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	654230.1	4187708	1.31E-08	40YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

808	ALL	654250.1	4187708	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	654270.1	4187708	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	654290.1	4187708	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	654310.1	4187708	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	654330.1	4187708	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	654350.1	4187708	9.60E-09	40YrCancel	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	654370.1	4187708	9.14E-09	40YrCancel	9.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	654390.1	4187708	8.72E-09	40YrCancel	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	654410.1	4187708	8.33E-09	40YrCancel	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	654430.1	4187708	7.96E-09	40YrCancel	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	654450.1	4187708	7.61E-09	40YrCancel	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	654470.1	4187708	7.29E-09	40YrCancel	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	654490.1	4187708	6.99E-09	40YrCancel	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	653690.1	4187728	3.10E-08	40YrCancel	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	653710.1	4187728	3.12E-08	40YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	653730.1	4187728	3.16E-08	40YrCancel	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	653750.1	4187728	3.25E-08	40YrCancel	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	653770.1	4187728	3.38E-08	40YrCancel	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	653790.1	4187728	3.50E-08	40YrCancel	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	653810.1	4187728	3.56E-08	40YrCancel	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	653830.1	4187728	3.57E-08	40YrCancel	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	653850.1	4187728	3.51E-08	40YrCancel	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	653870.1	4187728	3.41E-08	40YrCancel	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	653890.1	4187728	3.29E-08	40YrCancel	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	653910.1	4187728	3.19E-08	40YrCancel	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	653930.1	4187728	3.08E-08	40YrCancel	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	653950.1	4187728	2.97E-08	40YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	653970.1	4187728	2.85E-08	40YrCancel	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	653990.1	4187728	2.71E-08	40YrCancel	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	654010.1	4187728	2.58E-08	40YrCancel	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	654030.1	4187728	2.44E-08	40YrCancel	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	654050.1	4187728	2.30E-08	40YrCancel	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	654070.1	4187728	2.17E-08	40YrCancel	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	654090.1	4187728	2.05E-08	40YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	654110.1	4187728	1.92E-08	40YrCancel	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	654130.1	4187728	1.81E-08	40YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	654150.1	4187728	1.70E-08	40YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	654170.1	4187728	1.60E-08	40YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	654190.1	4187728	1.51E-08	40YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	654210.1	4187728	1.42E-08	40YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	654230.1	4187728	1.34E-08	40YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	654250.1	4187728	1.27E-08	40YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	654270.1	4187728	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	654290.1	4187728	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	654310.1	4187728	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	654330.1	4187728	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	654350.1	4187728	9.74E-09	40YrCancel	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	654370.1	4187728	9.27E-09	40YrCancel	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	654390.1	4187728	8.83E-09	40YrCancel	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	654410.1	4187728	8.42E-09	40YrCancel	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	654430.1	4187728	8.04E-09	40YrCancel	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	654450.1	4187728	7.69E-09	40YrCancel	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	654470.1	4187728	7.36E-09	40YrCancel	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	654490.1	4187728	7.05E-09	40YrCancel	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	653690.1	4187748	3.58E-08	40YrCancel	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	653710.1	4187748	3.62E-08	40YrCancel	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	653730.1	4187748	3.67E-08	40YrCancel	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	653750.1	4187748	3.79E-08	40YrCancel	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	653770.1	4187748	3.95E-08	40YrCancel	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	653790.1	4187748	4.07E-08	40YrCancel	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	653810.1	4187748	4.13E-08	40YrCancel	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	653830.1	4187748	4.11E-08	40YrCancel	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	653850.1	4187748	4.01E-08	40YrCancel	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	653870.1	4187748	3.88E-08	40YrCancel	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	653890.1	4187748	3.74E-08	40YrCancel	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	653910.1	4187748	3.61E-08	40YrCancel	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	653930.1	4187748	3.46E-08	40YrCancel	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	653950.1	4187748	3.31E-08	40YrCancel	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	653970.1	4187748	3.14E-08	40YrCancel	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	653990.1	4187748	2.97E-08	40YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	654010.1	4187748	2.79E-08	40YrCancel	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	654030.1	4187748	2.62E-08	40YrCancel	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	654050.1	4187748	2.46E-08	40YrCancel	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	654070.1	4187748	2.30E-08	40YrCancel	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	654090.1	4187748	2.15E-08	40YrCancel	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	654110.1	4187748	2.01E-08	40YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	654130.1	4187748	1.88E-08	40YrCancel	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	654150.1	4187748	1.76E-08	40YrCancel	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	654170.1	4187748	1.65E-08	40YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	654190.1	4187748	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	654210.1	4187748	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	654230.1	4187748	1.37E-08	40YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	654250.1	4187748	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	654270.1	4187748	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	654290.1	4187748	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	654310.1	4187748	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	654330.1	4187748	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	654350.1	4187748	9.86E-09	40YrCancel	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	654370.1	4187748	9.38E-09	40YrCancel	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	654390.1	4187748	8.93E-09	40YrCancel	8.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	654410.1	4187748	8.51E-09	40YrCancel	8.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	654430.1	4187748	8.12E-09	40YrCancel	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	654450.1	4187748	7.76E-09	40YrCancel	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	654470.1	4187748	7.43E-09	40YrCancel	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	654490.1	4187748	7.11E-09	40YrCancel	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	653690.1	4187768	4.18E-08	40YrCancel	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	653710.1	4187768	4.25E-08	40YrCancel	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	653730.1	4187768	4.34E-08	40YrCancel	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	653750.1	4187768	4.48E-08	40YrCancel	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	653770.1	4187768	4.67E-08	40YrCancel	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	653790.1	4187768	4.81E-08	40YrCancel	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

909	ALL	653810.1	4187768	4.86E-08	40YrCancel	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	653830.1	4187768	4.79E-08	40YrCancel	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	653850.1	4187768	4.64E-08	40YrCancel	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	653870.1	4187768	4.46E-08	40YrCancel	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	653890.1	4187768	4.28E-08	40YrCancel	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	653910.1	4187768	4.10E-08	40YrCancel	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	653930.1	4187768	3.90E-08	40YrCancel	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	653950.1	4187768	3.68E-08	40YrCancel	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	653970.1	4187768	3.45E-08	40YrCancel	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	653990.1	4187768	3.23E-08	40YrCancel	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	654010.1	4187768	3.01E-08	40YrCancel	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	654030.1	4187768	2.80E-08	40YrCancel	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	654050.1	4187768	2.60E-08	40YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	654070.1	4187768	2.42E-08	40YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	654090.1	4187768	2.25E-08	40YrCancel	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	654110.1	4187768	2.09E-08	40YrCancel	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	654130.1	4187768	1.95E-08	40YrCancel	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	654150.1	4187768	1.82E-08	40YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	654170.1	4187768	1.70E-08	40YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	654190.1	4187768	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	654210.1	4187768	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	654230.1	4187768	1.40E-08	40YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	654250.1	4187768	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	654270.1	4187768	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	654290.1	4187768	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	654310.1	4187768	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	654330.1	4187768	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	654350.1	4187768	9.97E-09	40YrCancel	9.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	654370.1	4187768	9.48E-09	40YrCancel	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	654390.1	4187768	9.02E-09	40YrCancel	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	654410.1	4187768	8.59E-09	40YrCancel	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	654430.1	4187768	8.20E-09	40YrCancel	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	654450.1	4187768	7.83E-09	40YrCancel	7.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	654470.1	4187768	7.49E-09	40YrCancel	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	654490.1	4187768	7.17E-09	40YrCancel	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	653690.1	4187788	4.94E-08	40YrCancel	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	653710.1	4187788	5.07E-08	40YrCancel	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	653730.1	4187788	5.21E-08	40YrCancel	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	653750.1	4187788	5.40E-08	40YrCancel	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	653770.1	4187788	5.63E-08	40YrCancel	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	653790.1	4187788	5.78E-08	40YrCancel	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	653810.1	4187788	5.79E-08	40YrCancel	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	653830.1	4187788	5.64E-08	40YrCancel	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	653850.1	4187788	5.42E-08	40YrCancel	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	653870.1	4187788	5.19E-08	40YrCancel	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	653890.1	4187788	4.94E-08	40YrCancel	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	653910.1	4187788	4.67E-08	40YrCancel	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	653930.1	4187788	4.38E-08	40YrCancel	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	653950.1	4187788	4.08E-08	40YrCancel	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	653970.1	4187788	3.78E-08	40YrCancel	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	653990.1	4187788	3.49E-08	40YrCancel	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	654010.1	4187788	3.22E-08	40YrCancel	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	654030.1	4187788	2.97E-08	40YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	654050.1	4187788	2.74E-08	40YrCancel	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	654070.1	4187788	2.53E-08	40YrCancel	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	654090.1	4187788	2.33E-08	40YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	654110.1	4187788	2.16E-08	40YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	654130.1	4187788	2.00E-08	40YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	654150.1	4187788	1.86E-08	40YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	654170.1	4187788	1.74E-08	40YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	654190.1	4187788	1.62E-08	40YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	654210.1	4187788	1.52E-08	40YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	654230.1	4187788	1.42E-08	40YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	654250.1	4187788	1.34E-08	40YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	654270.1	4187788	1.26E-08	40YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	654290.1	4187788	1.19E-08	40YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	654310.1	4187788	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	654330.1	4187788	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	654350.1	4187788	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	654370.1	4187788	9.57E-09	40YrCancel	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	654390.1	4187788	9.10E-09	40YrCancel	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	654410.1	4187788	8.67E-09	40YrCancel	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	654430.1	4187788	8.27E-09	40YrCancel	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	654450.1	4187788	7.89E-09	40YrCancel	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	654470.1	4187788	7.55E-09	40YrCancel	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	654490.1	4187788	7.22E-09	40YrCancel	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	653690.1	4187808	5.95E-08	40YrCancel	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	653710.1	4187808	6.17E-08	40YrCancel	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	653730.1	4187808	6.38E-08	40YrCancel	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	653750.1	4187808	6.67E-08	40YrCancel	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	653770.1	4187808	6.95E-08	40YrCancel	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	653790.1	4187808	7.09E-08	40YrCancel	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	653810.1	4187808	7.00E-08	40YrCancel	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	653830.1	4187808	6.74E-08	40YrCancel	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	653850.1	4187808	6.43E-08	40YrCancel	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	653870.1	4187808	6.09E-08	40YrCancel	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	653890.1	4187808	5.72E-08	40YrCancel	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	653910.1	4187808	5.32E-08	40YrCancel	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	653930.1	4187808	4.90E-08	40YrCancel	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	653950.1	4187808	4.49E-08	40YrCancel	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	653970.1	4187808	4.11E-08	40YrCancel	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	653990.1	4187808	3.75E-08	40YrCancel	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	654010.1	4187808	3.42E-08	40YrCancel	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	654030.1	4187808	3.12E-08	40YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	654050.1	4187808	2.86E-08	40YrCancel	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	654070.1	4187808	2.62E-08	40YrCancel	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	654090.1	4187808	2.41E-08	40YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	654110.1	4187808	2.22E-08	40YrCancel	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	654130.1	4187808	2.05E-08	40YrCancel	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	654150.1	4187808	1.90E-08	40YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	654170.1	4187808	1.77E-08	40YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1010	ALL	654190.1	4187808	1.65E-08	40YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	654210.1	4187808	1.54E-08	40YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	654230.1	4187808	1.44E-08	40YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	654250.1	4187808	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	654270.1	4187808	1.27E-08	40YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	654290.1	4187808	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	654310.1	4187808	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	654330.1	4187808	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	654350.1	4187808	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	654370.1	4187808	9.65E-09	40YrCancel	9.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	654390.1	4187808	9.17E-09	40YrCancel	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	654410.1	4187808	8.73E-09	40YrCancel	8.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	654430.1	4187808	8.32E-09	40YrCancel	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	654450.1	4187808	7.95E-09	40YrCancel	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	654470.1	4187808	7.59E-09	40YrCancel	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	654490.1	4187808	7.26E-09	40YrCancel	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	653690.1	4187828	7.30E-08	40YrCancel	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	653710.1	4187828	7.69E-08	40YrCancel	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	653730.1	4187828	8.03E-08	40YrCancel	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	653750.1	4187828	8.46E-08	40YrCancel	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	653770.1	4187828	8.82E-08	40YrCancel	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	653790.1	4187828	8.89E-08	40YrCancel	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	653810.1	4187828	8.63E-08	40YrCancel	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	653830.1	4187828	8.21E-08	40YrCancel	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	653850.1	4187828	7.72E-08	40YrCancel	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	653870.1	4187828	7.19E-08	40YrCancel	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	653890.1	4187828	6.60E-08	40YrCancel	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	653910.1	4187828	6.01E-08	40YrCancel	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	653930.1	4187828	5.43E-08	40YrCancel	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	653950.1	4187828	4.90E-08	40YrCancel	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	653970.1	4187828	4.41E-08	40YrCancel	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	653990.1	4187828	3.98E-08	40YrCancel	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	654010.1	4187828	3.59E-08	40YrCancel	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	654030.1	4187828	3.25E-08	40YrCancel	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	654050.1	4187828	2.96E-08	40YrCancel	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	654070.1	4187828	2.70E-08	40YrCancel	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	654090.1	4187828	2.47E-08	40YrCancel	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	654110.1	4187828	2.27E-08	40YrCancel	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	654130.1	4187828	2.10E-08	40YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	654150.1	4187828	1.94E-08	40YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	654170.1	4187828	1.80E-08	40YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	654190.1	4187828	1.67E-08	40YrCancel	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	654210.1	4187828	1.56E-08	40YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	654230.1	4187828	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	654250.1	4187828	1.37E-08	40YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	654270.1	4187828	1.29E-08	40YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	654290.1	4187828	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	654310.1	4187828	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	654330.1	4187828	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	654350.1	4187828	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	654370.1	4187828	9.72E-09	40YrCancel	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	654390.1	4187828	9.23E-09	40YrCancel	9.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	654410.1	4187828	8.78E-09	40YrCancel	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	654430.1	4187828	8.37E-09	40YrCancel	8.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	654450.1	4187828	7.98E-09	40YrCancel	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	654470.1	4187828	7.63E-09	40YrCancel	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	654490.1	4187828	7.29E-09	40YrCancel	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	653690.1	4187848	9.17E-08	40YrCancel	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	653710.1	4187848	9.86E-08	40YrCancel	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	653730.1	4187848	1.05E-07	40YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	653750.1	4187848	1.11E-07	40YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	653770.1	4187848	1.15E-07	40YrCancel	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	653790.1	4187848	1.14E-07	40YrCancel	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	653810.1	4187848	1.09E-07	40YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	653830.1	4187848	1.02E-07	40YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	653850.1	4187848	9.35E-08	40YrCancel	9.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	653870.1	4187848	8.46E-08	40YrCancel	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	653890.1	4187848	7.56E-08	40YrCancel	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	653910.1	4187848	6.71E-08	40YrCancel	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	653930.1	4187848	5.94E-08	40YrCancel	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	653950.1	4187848	5.26E-08	40YrCancel	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	653970.1	4187848	4.68E-08	40YrCancel	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	653990.1	4187848	4.17E-08	40YrCancel	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	654010.1	4187848	3.74E-08	40YrCancel	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	654030.1	4187848	3.37E-08	40YrCancel	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	654050.1	4187848	3.05E-08	40YrCancel	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	654070.1	4187848	2.77E-08	40YrCancel	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	654090.1	4187848	2.53E-08	40YrCancel	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	654110.1	4187848	2.32E-08	40YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	654130.1	4187848	2.13E-08	40YrCancel	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	654150.1	4187848	1.97E-08	40YrCancel	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	654170.1	4187848	1.82E-08	40YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	654190.1	4187848	1.69E-08	40YrCancel	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	654210.1	4187848	1.58E-08	40YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	654230.1	4187848	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	654250.1	4187848	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	654270.1	4187848	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	654290.1	4187848	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	654310.1	4187848	1.15E-08	40YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	654330.1	4187848	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	654350.1	4187848	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	654370.1	4187848	9.76E-09	40YrCancel	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	654390.1	4187848	9.27E-09	40YrCancel	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	654410.1	4187848	8.81E-09	40YrCancel	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	654430.1	4187848	8.39E-09	40YrCancel	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	654450.1	4187848	8.00E-09	40YrCancel	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	654470.1	4187848	7.64E-09	40YrCancel	7.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	654490.1	4187848	7.30E-09	40YrCancel	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	653690.1	4187868	1.18E-07	40YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	653710.1	4187868	1.31E-07	40YrCancel	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	653730.1	4187868	1.43E-07	40YrCancel	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1111	ALL	653750.1	4187868	1.53E-07	40YrCancel	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	653770.1	4187868	1.57E-07	40YrCancel	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	653790.1	4187868	1.52E-07	40YrCancel	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	653810.1	4187868	1.41E-07	40YrCancel	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	653830.1	4187868	1.27E-07	40YrCancel	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	653850.1	4187868	1.13E-07	40YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	653870.1	4187868	9.83E-08	40YrCancel	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	653890.1	4187868	8.51E-08	40YrCancel	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	653910.1	4187868	7.36E-08	40YrCancel	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	653930.1	4187868	6.38E-08	40YrCancel	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	653950.1	4187868	5.57E-08	40YrCancel	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	653970.1	4187868	4.90E-08	40YrCancel	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	653990.1	4187868	4.33E-08	40YrCancel	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	654010.1	4187868	3.86E-08	40YrCancel	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	654030.1	4187868	3.46E-08	40YrCancel	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	654050.1	4187868	3.11E-08	40YrCancel	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	654070.1	4187868	2.82E-08	40YrCancel	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	654090.1	4187868	2.57E-08	40YrCancel	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	654110.1	4187868	2.35E-08	40YrCancel	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	654130.1	4187868	2.16E-08	40YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	654150.1	4187868	1.99E-08	40YrCancel	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	654170.1	4187868	1.84E-08	40YrCancel	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	654190.1	4187868	1.71E-08	40YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	654210.1	4187868	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	654230.1	4187868	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	654250.1	4187868	1.39E-08	40YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	654270.1	4187868	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	654290.1	4187868	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	654310.1	4187868	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	654330.1	4187868	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	654350.1	4187868	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	654370.1	4187868	9.77E-09	40YrCancel	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	654390.1	4187868	9.27E-09	40YrCancel	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	654410.1	4187868	8.82E-09	40YrCancel	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	654430.1	4187868	8.39E-09	40YrCancel	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	654450.1	4187868	8.00E-09	40YrCancel	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	654470.1	4187868	7.63E-09	40YrCancel	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	654490.1	4187868	7.29E-09	40YrCancel	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	653690.1	4187888	1.58E-07	40YrCancel	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	653830.1	4187888	1.59E-07	40YrCancel	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	653850.1	4187888	1.33E-07	40YrCancel	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	653870.1	4187888	1.11E-07	40YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	653890.1	4187888	9.33E-08	40YrCancel	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	653910.1	4187888	7.89E-08	40YrCancel	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	653930.1	4187888	6.73E-08	40YrCancel	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	653950.1	4187888	5.81E-08	40YrCancel	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	653970.1	4187888	5.06E-08	40YrCancel	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	653990.1	4187888	4.45E-08	40YrCancel	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	654010.1	4187888	3.94E-08	40YrCancel	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	654030.1	4187888	3.52E-08	40YrCancel	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	654050.1	4187888	3.16E-08	40YrCancel	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	654070.1	4187888	2.86E-08	40YrCancel	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	654090.1	4187888	2.60E-08	40YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	654110.1	4187888	2.37E-08	40YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	654130.1	4187888	2.17E-08	40YrCancel	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	654150.1	4187888	2.00E-08	40YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	654170.1	4187888	1.85E-08	40YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	654190.1	4187888	1.71E-08	40YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	654210.1	4187888	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	654230.1	4187888	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	654250.1	4187888	1.39E-08	40YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	654270.1	4187888	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	654290.1	4187888	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	654310.1	4187888	1.15E-08	40YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	654330.1	4187888	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	654350.1	4187888	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	654370.1	4187888	9.75E-09	40YrCancel	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	654390.1	4187888	9.25E-09	40YrCancel	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	654410.1	4187888	8.79E-09	40YrCancel	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	654430.1	4187888	8.36E-09	40YrCancel	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	654450.1	4187888	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	654470.1	4187888	7.60E-09	40YrCancel	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	654490.1	4187888	7.26E-09	40YrCancel	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	653690.1	4187908	2.23E-07	40YrCancel	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	653830.1	4187908	1.92E-07	40YrCancel	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	653850.1	4187908	1.52E-07	40YrCancel	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	653870.1	4187908	1.22E-07	40YrCancel	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	653890.1	4187908	9.95E-08	40YrCancel	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	653910.1	4187908	8.27E-08	40YrCancel	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	653930.1	4187908	6.98E-08	40YrCancel	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	653950.1	4187908	5.97E-08	40YrCancel	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	653970.1	4187908	5.17E-08	40YrCancel	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	653990.1	4187908	4.52E-08	40YrCancel	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	654010.1	4187908	3.99E-08	40YrCancel	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	654030.1	4187908	3.55E-08	40YrCancel	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	654050.1	4187908	3.18E-08	40YrCancel	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	654070.1	4187908	2.87E-08	40YrCancel	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	654090.1	4187908	2.60E-08	40YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	654110.1	4187908	2.37E-08	40YrCancel	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	654130.1	4187908	2.17E-08	40YrCancel	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	654150.1	4187908	2.00E-08	40YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	654170.1	4187908	1.85E-08	40YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	654190.1	4187908	1.71E-08	40YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	654210.1	4187908	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	654230.1	4187908	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	654250.1	4187908	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	654270.1	4187908	1.30E-08	40YrCancel	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	654290.1	4187908	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	654310.1	4187908	1.15E-08	40YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	654330.1	4187908	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	654350.1	4187908	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1212	ALL	654370.1	4187908	9.69E-09	40YrCancel	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	654390.1	4187908	9.19E-09	40YrCancel	9.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	654410.1	4187908	8.73E-09	40YrCancel	8.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	654430.1	4187908	8.31E-09	40YrCancel	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	654450.1	4187908	7.91E-09	40YrCancel	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	654470.1	4187908	7.55E-09	40YrCancel	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	654490.1	4187908	7.21E-09	40YrCancel	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	653690.1	4187928	3.35E-07	40YrCancel	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	653830.1	4187928	2.19E-07	40YrCancel	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	653850.1	4187928	1.65E-07	40YrCancel	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	653870.1	4187928	1.28E-07	40YrCancel	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	653890.1	4187928	1.03E-07	40YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	653910.1	4187928	8.46E-08	40YrCancel	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	653930.1	4187928	7.08E-08	40YrCancel	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	653950.1	4187928	6.03E-08	40YrCancel	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	653970.1	4187928	5.19E-08	40YrCancel	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	653990.1	4187928	4.53E-08	40YrCancel	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	654010.1	4187928	3.99E-08	40YrCancel	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	654030.1	4187928	3.54E-08	40YrCancel	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	654050.1	4187928	3.17E-08	40YrCancel	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	654070.1	4187928	2.85E-08	40YrCancel	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	654090.1	4187928	2.59E-08	40YrCancel	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	654110.1	4187928	2.36E-08	40YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	654130.1	4187928	2.16E-08	40YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	654150.1	4187928	1.98E-08	40YrCancel	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	654170.1	4187928	1.83E-08	40YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	654190.1	4187928	1.69E-08	40YrCancel	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	654210.1	4187928	1.58E-08	40YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	654230.1	4187928	1.47E-08	40YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	654250.1	4187928	1.37E-08	40YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	654270.1	4187928	1.29E-08	40YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	654290.1	4187928	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	654310.1	4187928	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	654330.1	4187928	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	654350.1	4187928	1.01E-08	40YrCancel	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	654370.1	4187928	9.60E-09	40YrCancel	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	654390.1	4187928	9.11E-09	40YrCancel	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	654410.1	4187928	8.65E-09	40YrCancel	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	654430.1	4187928	8.24E-09	40YrCancel	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	654450.1	4187928	7.85E-09	40YrCancel	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	654470.1	4187928	7.49E-09	40YrCancel	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	654490.1	4187928	7.15E-09	40YrCancel	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	653690.1	4187948	5.33E-07	40YrCancel	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	653830.1	4187948	2.29E-07	40YrCancel	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	653850.1	4187948	1.68E-07	40YrCancel	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	653870.1	4187948	1.29E-07	40YrCancel	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	653890.1	4187948	1.03E-07	40YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	653910.1	4187948	8.40E-08	40YrCancel	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	653930.1	4187948	7.01E-08	40YrCancel	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	653950.1	4187948	5.95E-08	40YrCancel	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	653970.1	4187948	5.12E-08	40YrCancel	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	653990.1	4187948	4.46E-08	40YrCancel	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	654010.1	4187948	3.93E-08	40YrCancel	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	654030.1	4187948	3.49E-08	40YrCancel	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	654050.1	4187948	3.12E-08	40YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	654070.1	4187948	2.81E-08	40YrCancel	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	654090.1	4187948	2.55E-08	40YrCancel	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	654110.1	4187948	2.32E-08	40YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	654130.1	4187948	2.13E-08	40YrCancel	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	654150.1	4187948	1.96E-08	40YrCancel	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	654170.1	4187948	1.81E-08	40YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	654190.1	4187948	1.67E-08	40YrCancel	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL	654210.1	4187948	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	654230.1	4187948	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	654250.1	4187948	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	654270.1	4187948	1.27E-08	40YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	654290.1	4187948	1.19E-08	40YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	654310.1	4187948	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	654330.1	4187948	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	654350.1	4187948	1.00E-08	40YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	654370.1	4187948	9.50E-09	40YrCancel	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	654390.1	4187948	9.01E-09	40YrCancel	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	654410.1	4187948	8.57E-09	40YrCancel	8.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	654430.1	4187948	8.15E-09	40YrCancel	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	654450.1	4187948	7.77E-09	40YrCancel	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	654470.1	4187948	7.42E-09	40YrCancel	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	654490.1	4187948	7.09E-09	40YrCancel	7.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	653690.1	4187968	6.55E-07	40YrCancel	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	653830.1	4187968	2.17E-07	40YrCancel	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	653850.1	4187968	1.60E-07	40YrCancel	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	653870.1	4187968	1.23E-07	40YrCancel	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	653890.1	4187968	9.86E-08	40YrCancel	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	653910.1	4187968	8.08E-08	40YrCancel	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	653930.1	4187968	6.76E-08	40YrCancel	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	653950.1	4187968	5.76E-08	40YrCancel	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	653970.1	4187968	4.97E-08	40YrCancel	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	653990.1	4187968	4.34E-08	40YrCancel	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	654010.1	4187968	3.82E-08	40YrCancel	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	654030.1	4187968	3.40E-08	40YrCancel	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	654050.1	4187968	3.05E-08	40YrCancel	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	654070.1	4187968	2.75E-08	40YrCancel	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	654090.1	4187968	2.50E-08	40YrCancel	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	654110.1	4187968	2.28E-08	40YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	654130.1	4187968	2.09E-08	40YrCancel	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	654150.1	4187968	1.92E-08	40YrCancel	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	654170.1	4187968	1.77E-08	40YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	654190.1	4187968	1.64E-08	40YrCancel	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	654210.1	4187968	1.53E-08	40YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	654230.1	4187968	1.43E-08	40YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	654250.1	4187968	1.34E-08	40YrCancel	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	654270.1	4187968	1.25E-08	40YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1313	ALL	654290.1	4187968	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	654310.1	4187968	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	654330.1	4187968	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	654350.1	4187968	9.91E-09	40YrCancel	9.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	654370.1	4187968	9.39E-09	40YrCancel	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	654390.1	4187968	8.91E-09	40YrCancel	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	654410.1	4187968	8.47E-09	40YrCancel	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	654430.1	4187968	8.07E-09	40YrCancel	8.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	654450.1	4187968	7.69E-09	40YrCancel	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	654470.1	4187968	7.34E-09	40YrCancel	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	654490.1	4187968	7.02E-09	40YrCancel	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	653690.1	4187988	5.63E-07	40YrCancel	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	653830.1	4187988	1.81E-07	40YrCancel	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	653850.1	4187988	1.39E-07	40YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	653870.1	4187988	1.11E-07	40YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	653890.1	4187988	9.01E-08	40YrCancel	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	653910.1	4187988	7.49E-08	40YrCancel	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	653930.1	4187988	6.33E-08	40YrCancel	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	653950.1	4187988	5.44E-08	40YrCancel	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	653970.1	4187988	4.72E-08	40YrCancel	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	653990.1	4187988	4.14E-08	40YrCancel	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	654010.1	4187988	3.67E-08	40YrCancel	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	654030.1	4187988	3.28E-08	40YrCancel	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	654050.1	4187988	2.95E-08	40YrCancel	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	654070.1	4187988	2.66E-08	40YrCancel	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	654090.1	4187988	2.42E-08	40YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	654110.1	4187988	2.21E-08	40YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	654130.1	4187988	2.03E-08	40YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	654150.1	4187988	1.87E-08	40YrCancel	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	654170.1	4187988	1.73E-08	40YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL	654190.1	4187988	1.61E-08	40YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	654210.1	4187988	1.50E-08	40YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	654230.1	4187988	1.40E-08	40YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	654250.1	4187988	1.31E-08	40YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	654270.1	4187988	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	654290.1	4187988	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	654310.1	4187988	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	654330.1	4187988	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	654350.1	4187988	9.77E-09	40YrCancel	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	654370.1	4187988	9.26E-09	40YrCancel	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	654390.1	4187988	8.79E-09	40YrCancel	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	654410.1	4187988	8.36E-09	40YrCancel	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	654430.1	4187988	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	654450.1	4187988	7.60E-09	40YrCancel	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	654470.1	4187988	7.26E-09	40YrCancel	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	654490.1	4187988	6.94E-09	40YrCancel	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	653655.1	4187975	3.46E-07	40YrCancel	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	653791.2	4188025	1.51E-07	40YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	653828	4188054	7.12E-08	40YrCancel	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	653851.7	4188037	7.75E-08	40YrCancel	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	653905.3	4188036	5.51E-08	40YrCancel	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	653749.8	4188104	5.38E-08	40YrCancel	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL	653938.3	4188030	4.71E-08	40YrCancel	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	653988.6	4188028	3.57E-08	40YrCancel	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	654041.4	4188038	2.62E-08	40YrCancel	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	653989.9	4188052	3.11E-08	40YrCancel	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	653634	4187869	7.57E-08	40YrCancel	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	653624.7	4187963	1.79E-07	40YrCancel	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	653582.9	4187962	1.01E-07	40YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	653701.2	4188101	6.46E-08	40YrCancel	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	654582.9	4187495	5.12E-09	40YrCancel	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	654554.3	4187451	5.11E-09	40YrCancel	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	654607.7	4187450	4.73E-09	40YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	654492.6	4186914	2.46E-09	40YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	654507.1	4186911	2.44E-09	40YrCancel	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	654509.1	4186964	2.64E-09	40YrCancel	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	653809.3	4186920	2.64E-09	40YrCancel	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	654342.3	4186819	2.39E-09	40YrCancel	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	655092.5	4187198	2.29E-09	40YrCancel	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	654238.7	4186303	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	655153.1	4188271	2.03E-09	40YrCancel	2.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	653689.1	4188009	5.39E-07	40YrCancel	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	653683.7	4188032	2.69E-07	40YrCancel	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	653706.1	4188038	2.03E-07	40YrCancel	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	653679.4	4188057	1.51E-07	40YrCancel	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	653658.8	4188047	1.84E-07	40YrCancel	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL	653703	4188063	1.19E-07	40YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL	653675.6	4188081	9.58E-08	40YrCancel	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL	653653.7	4188071	1.18E-07	40YrCancel	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL	653699.9	4188088	7.84E-08	40YrCancel	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL	653668.6	4188130	4.86E-08	40YrCancel	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL	653645.1	4188120	5.87E-08	40YrCancel	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL	653621.6	4188109	6.69E-08	40YrCancel	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	ALL	653693.7	4188138	4.18E-08	40YrCancel	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL	653663.2	4188180	2.94E-08	40YrCancel	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL	653641.3	4188170	3.39E-08	40YrCancel	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL	653619.3	4188160	3.86E-08	40YrCancel	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL	653597.4	4188150	4.24E-08	40YrCancel	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL	653575.4	4188140	4.43E-08	40YrCancel	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL	653687.5	4188187	2.63E-08	40YrCancel	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL	653656.5	4188230	2.00E-08	40YrCancel	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL	653633.7	4188219	2.26E-08	40YrCancel	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL	653610.8	4188209	2.54E-08	40YrCancel	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL	653587.9	4188198	2.81E-08	40YrCancel	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL	653565.1	4188188	3.02E-08	40YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL	653542.2	4188177	3.12E-08	40YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL	653681.2	4188237	1.82E-08	40YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL	653650	4188279	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL	653626.5	4188268	1.62E-08	40YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL	653603	4188258	1.81E-08	40YrCancel	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL	653579.4	4188247	1.99E-08	40YrCancel	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1414	ALL	653555.9	4188236	2.15E-08	40YrCancel	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL	653532.4	4188225	2.28E-08	40YrCancel	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL	653508.9	4188214	2.33E-08	40YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL	653675	4188286	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL	653643.6	4188329	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL	653619.5	4188318	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL	653595.5	4188307	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL	653571.5	4188296	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL	653547.5	4188285	1.60E-08	40YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL	653523.5	4188274	1.70E-08	40YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL	653499.5	4188262	1.79E-08	40YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL	653475.5	4188251	1.82E-08	40YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL	653668.8	4188336	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL	653631.4	4188428	7.19E-09	40YrCancel	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL	653607.9	4188417	7.72E-09	40YrCancel	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL	653584.3	4188406	8.32E-09	40YrCancel	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL	653560.8	4188396	8.97E-09	40YrCancel	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL	653537.3	4188385	9.63E-09	40YrCancel	9.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL	653513.8	4188374	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL	653490.3	4188363	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL	653466.7	4188352	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL	653443.2	4188341	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL	653419.7	4188331	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL	653656.4	4188435	6.86E-09	40YrCancel	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL	653618.6	4188527	5.09E-09	40YrCancel	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL	653594.5	4188516	5.39E-09	40YrCancel	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL	653570.3	4188505	5.74E-09	40YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	ALL	653546.2	4188494	6.13E-09	40YrCancel	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL	653522	4188483	6.53E-09	40YrCancel	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL	653497.9	4188472	6.93E-09	40YrCancel	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL	653473.8	4188460	7.30E-09	40YrCancel	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL	653449.6	4188449	7.65E-09	40YrCancel	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL	653425.5	4188438	7.98E-09	40YrCancel	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL	653401.3	4188427	8.29E-09	40YrCancel	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL	653377.2	4188416	8.54E-09	40YrCancel	8.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL	653353	4188405	8.69E-09	40YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL	653644	4188534	4.91E-09	40YrCancel	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL	653606.4	4188626	3.83E-09	40YrCancel	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL	653582.6	4188616	4.01E-09	40YrCancel	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL	653558.8	4188605	4.22E-09	40YrCancel	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL	653535.1	4188594	4.45E-09	40YrCancel	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL	653511.3	4188583	4.70E-09	40YrCancel	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	ALL	653487.5	4188572	4.96E-09	40YrCancel	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	653463.7	4188561	5.22E-09	40YrCancel	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	653439.9	4188550	5.46E-09	40YrCancel	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	653416.1	4188539	5.68E-09	40YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	653392.4	4188528	5.89E-09	40YrCancel	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	653368.6	4188517	6.10E-09	40YrCancel	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	653344.8	4188506	6.30E-09	40YrCancel	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	653321	4188495	6.47E-09	40YrCancel	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	653297.2	4188484	6.59E-09	40YrCancel	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	653273.5	4188473	6.65E-09	40YrCancel	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	653631.6	4188634	3.72E-09	40YrCancel	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	653593.8	4188726	3.00E-09	40YrCancel	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	653569.6	4188714	3.12E-09	40YrCancel	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	653545.3	4188703	3.27E-09	40YrCancel	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	653521.1	4188692	3.43E-09	40YrCancel	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	653496.9	4188681	3.60E-09	40YrCancel	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	653472.7	4188670	3.78E-09	40YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	653448.5	4188659	3.96E-09	40YrCancel	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	653424.3	4188648	4.14E-09	40YrCancel	4.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	653400.1	4188636	4.30E-09	40YrCancel	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	653375.9	4188625	4.46E-09	40YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	653351.6	4188614	4.61E-09	40YrCancel	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	653327.4	4188603	4.75E-09	40YrCancel	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	653303.2	4188592	4.90E-09	40YrCancel	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	653279	4188581	5.03E-09	40YrCancel	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	653254.8	4188570	5.15E-09	40YrCancel	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	653230.6	4188558	5.23E-09	40YrCancel	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	653206.4	4188547	5.26E-09	40YrCancel	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	653619.1	4188733	2.93E-09	40YrCancel	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	653581.5	4188825	2.43E-09	40YrCancel	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	653557.6	4188814	2.51E-09	40YrCancel	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL	653533.6	4188803	2.61E-09	40YrCancel	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	653509.7	4188792	2.72E-09	40YrCancel	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	653485.8	4188781	2.84E-09	40YrCancel	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	653461.9	4188770	2.96E-09	40YrCancel	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	653438	4188759	3.09E-09	40YrCancel	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	653414	4188748	3.22E-09	40YrCancel	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	653390.1	4188737	3.35E-09	40YrCancel	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	653366.2	4188726	3.47E-09	40YrCancel	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	653342.3	4188715	3.58E-09	40YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	653318.3	4188704	3.68E-09	40YrCancel	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	653294.4	4188693	3.79E-09	40YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	653270.5	4188682	3.89E-09	40YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	653246.6	4188671	3.99E-09	40YrCancel	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	653222.6	4188660	4.09E-09	40YrCancel	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	653198.7	4188649	4.18E-09	40YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	653174.8	4188638	4.25E-09	40YrCancel	4.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	653150.9	4188627	4.29E-09	40YrCancel	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	653606.7	4188832	2.38E-09	40YrCancel	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	653550.3	4189073	1.58E-09	40YrCancel	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	653526.2	4189062	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	653502	4189051	1.66E-09	40YrCancel	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	653477.9	4189040	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	653453.7	4189028	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	653429.6	4189017	1.83E-09	40YrCancel	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL	653405.4	4189006	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	653381.3	4188995	1.95E-09	40YrCancel	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	653357.1	4188984	2.02E-09	40YrCancel	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	653333	4188973	2.09E-09	40YrCancel	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1515	ALL	653308.8	4188962	2.15E-09	40YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	653284.7	4188951	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	653260.5	4188940	2.28E-09	40YrCancel	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	653236.4	4188928	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	653212.2	4188917	2.39E-09	40YrCancel	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	653188.1	4188906	2.44E-09	40YrCancel	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	653164	4188895	2.49E-09	40YrCancel	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	653139.8	4188884	2.54E-09	40YrCancel	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	653115.7	4188873	2.60E-09	40YrCancel	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	653091.5	4188862	2.65E-09	40YrCancel	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	653067.4	4188851	2.70E-09	40YrCancel	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	653043.2	4188839	2.75E-09	40YrCancel	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	653019.1	4188828	2.78E-09	40YrCancel	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	652994.9	4188817	2.81E-09	40YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	652970.8	4188806	2.82E-09	40YrCancel	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	653575.7	4189080	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	653519.4	4189321	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	653495.5	4189310	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	653471.6	4189299	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	653447.7	4189288	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL	653423.8	4189277	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	653399.9	4189266	1.26E-09	40YrCancel	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	653376	4189255	1.29E-09	40YrCancel	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	653352.1	4189244	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	653328.2	4189233	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	653304.3	4189222	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	653280.4	4189211	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	653256.5	4189200	1.47E-09	40YrCancel	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	653232.6	4189189	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	653208.7	4189178	1.55E-09	40YrCancel	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	653184.8	4189167	1.59E-09	40YrCancel	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	653160.9	4189156	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL	653137	4189145	1.66E-09	40YrCancel	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL	653113.1	4189134	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL	653089.2	4189123	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL	653065.3	4189112	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL	653041.4	4189101	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL	653017.5	4189090	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL	652993.6	4189079	1.83E-09	40YrCancel	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL	652969.7	4189068	1.87E-09	40YrCancel	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL	652945.8	4189057	1.90E-09	40YrCancel	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL	652921.9	4189046	1.93E-09	40YrCancel	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL	652898	4189035	1.96E-09	40YrCancel	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL	652874.1	4189024	1.98E-09	40YrCancel	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL	652850.2	4189013	2.00E-09	40YrCancel	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL	652826.3	4189002	2.01E-09	40YrCancel	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL	652802.4	4188991	2.02E-09	40YrCancel	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL	653544.6	4189328	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL	653488.3	4189569	8.46E-10	40YrCancel	8.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL	653464.2	4189558	8.56E-10	40YrCancel	8.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL	653440.1	4189547	8.70E-10	40YrCancel	8.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL	653416.1	4189536	8.86E-10	40YrCancel	8.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL	653392	4189525	9.06E-10	40YrCancel	9.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL	653368	4189514	9.27E-10	40YrCancel	9.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL	653343.9	4189503	9.50E-10	40YrCancel	9.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL	653319.9	4189492	9.73E-10	40YrCancel	9.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL	653295.8	4189480	9.95E-10	40YrCancel	9.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL	653271.7	4189469	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL	653247.7	4189458	1.04E-09	40YrCancel	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL	653223.6	4189447	1.06E-09	40YrCancel	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL	653199.6	4189436	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	ALL	653175.5	4189425	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL	653151.4	4189414	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL	653127.4	4189403	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL	653103.3	4189392	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL	653079.3	4189381	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL	653055.2	4189370	1.24E-09	40YrCancel	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL	653031.2	4189359	1.26E-09	40YrCancel	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL	653007.1	4189348	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL	652983	4189337	1.29E-09	40YrCancel	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL	652959	4189325	1.31E-09	40YrCancel	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL	652934.9	4189314	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL	652910.9	4189303	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL	652886.8	4189292	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL	652862.8	4189281	1.38E-09	40YrCancel	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL	652838.7	4189270	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL	652814.6	4189259	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL	652790.6	4189248	1.45E-09	40YrCancel	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL	652766.5	4189237	1.46E-09	40YrCancel	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL	652742.5	4189226	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL	652718.4	4189215	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL	652694.4	4189204	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL	652670.3	4189193	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL	652646.2	4189181	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL	653513.5	4189576	8.41E-10	40YrCancel	8.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL	653457.1	4189817	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL	653433	4189806	6.72E-10	40YrCancel	6.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL	653408.8	4189795	6.80E-10	40YrCancel	6.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL	653384.6	4189784	6.91E-10	40YrCancel	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL	653360.4	4189773	7.03E-10	40YrCancel	7.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL	653336.3	4189761	7.17E-10	40YrCancel	7.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL	653312.1	4189750	7.32E-10	40YrCancel	7.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL	653287.9	4189739	7.48E-10	40YrCancel	7.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL	653263.8	4189728	7.64E-10	40YrCancel	7.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL	653239.6	4189717	7.80E-10	40YrCancel	7.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL	653215.4	4189706	7.95E-10	40YrCancel	7.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL	653191.2	4189695	8.10E-10	40YrCancel	8.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL	653167.1	4189684	8.25E-10	40YrCancel	8.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL	653142.9	4189672	8.40E-10	40YrCancel	8.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL	653118.7	4189661	8.55E-10	40YrCancel	8.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL	653094.5	4189650	8.72E-10	40YrCancel	8.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1616	ALL	653070.4	4189639	8.89E-10	40YrCancel	8.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL	653046.2	4189628	9.07E-10	40YrCancel	9.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL	653022	4189617	9.26E-10	40YrCancel	9.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL	652997.8	4189606	9.44E-10	40YrCancel	9.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL	652973.7	4189595	9.61E-10	40YrCancel	9.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	ALL	652949.5	4189583	9.76E-10	40YrCancel	9.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL	652925.3	4189572	9.91E-10	40YrCancel	9.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL	652901.1	4189561	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL	652877	4189550	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL	652852.8	4189539	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL	652828.6	4189528	1.04E-09	40YrCancel	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL	652804.4	4189517	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL	652780.3	4189506	1.06E-09	40YrCancel	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL	652756.1	4189494	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL	652731.9	4189483	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL	652707.7	4189472	1.10E-09	40YrCancel	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL	652683.6	4189461	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL	652659.4	4189450	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL	652635.2	4189439	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL	652611	4189428	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL	652586.9	4189416	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL	652562.7	4189405	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL	652538.5	4189394	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	652514.4	4189383	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	652490.2	4189372	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	652466	4189361	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	653482.5	4189824	6.63E-10	40YrCancel	6.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	653395.1	4190313	4.50E-10	40YrCancel	4.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	653371	4190302	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	653346.9	4190291	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	653322.7	4190280	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	653298.6	4190269	4.66E-10	40YrCancel	4.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	653274.5	4190258	4.72E-10	40YrCancel	4.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	653250.4	4190247	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	653226.3	4190236	4.88E-10	40YrCancel	4.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	653202.2	4190224	4.97E-10	40YrCancel	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	653178.1	4190213	5.06E-10	40YrCancel	5.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	653154	4190202	5.14E-10	40YrCancel	5.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	653129.9	4190191	5.23E-10	40YrCancel	5.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	653105.8	4190180	5.31E-10	40YrCancel	5.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	653081.7	4190169	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	653057.6	4190158	5.47E-10	40YrCancel	5.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	653033.5	4190147	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	653009.4	4190136	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	652985.2	4190125	5.69E-10	40YrCancel	5.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	652961.1	4190113	5.77E-10	40YrCancel	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	652937	4190102	5.86E-10	40YrCancel	5.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	652912.9	4190091	5.95E-10	40YrCancel	5.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	652888.8	4190080	6.04E-10	40YrCancel	6.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	652864.7	4190069	6.14E-10	40YrCancel	6.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	652840.6	4190058	6.24E-10	40YrCancel	6.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	652816.5	4190047	6.34E-10	40YrCancel	6.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	652792.4	4190036	6.44E-10	40YrCancel	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	652768.3	4190025	6.53E-10	40YrCancel	6.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	652744.2	4190014	6.61E-10	40YrCancel	6.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	652720.1	4190003	6.69E-10	40YrCancel	6.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	652696	4189991	6.76E-10	40YrCancel	6.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	652671.9	4189980	6.82E-10	40YrCancel	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	652647.8	4189969	6.88E-10	40YrCancel	6.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	652623.6	4189958	6.94E-10	40YrCancel	6.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	652599.5	4189947	7.00E-10	40YrCancel	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	652575.4	4189936	7.06E-10	40YrCancel	7.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	652551.3	4189925	7.12E-10	40YrCancel	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL	652527.2	4189914	7.18E-10	40YrCancel	7.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	652503.1	4189903	7.25E-10	40YrCancel	7.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	652479	4189892	7.32E-10	40YrCancel	7.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	652454.9	4189880	7.39E-10	40YrCancel	7.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	652430.8	4189869	7.47E-10	40YrCancel	7.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	652406.7	4189858	7.54E-10	40YrCancel	7.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	652382.6	4189847	7.62E-10	40YrCancel	7.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	652358.5	4189836	7.70E-10	40YrCancel	7.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	652334.4	4189825	7.77E-10	40YrCancel	7.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	652310.3	4189814	7.84E-10	40YrCancel	7.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	652286.1	4189803	7.91E-10	40YrCancel	7.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	652262	4189792	7.98E-10	40YrCancel	7.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	652237.9	4189781	8.04E-10	40YrCancel	8.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	652213.8	4189769	8.09E-10	40YrCancel	8.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	652189.7	4189758	8.14E-10	40YrCancel	8.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	652165.6	4189747	8.17E-10	40YrCancel	8.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	652141.5	4189736	8.20E-10	40YrCancel	8.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	653420.4	4190320	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	653332.9	4190809	3.29E-10	40YrCancel	3.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	653308.6	4190798	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	653284.4	4190787	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	653260.1	4190776	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	653235.9	4190765	3.36E-10	40YrCancel	3.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	653211.6	4190754	3.40E-10	40YrCancel	3.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	653187.4	4190742	3.44E-10	40YrCancel	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	653163.1	4190731	3.48E-10	40YrCancel	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	653138.9	4190720	3.53E-10	40YrCancel	3.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	653114.6	4190709	3.59E-10	40YrCancel	3.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	653090.4	4190698	3.64E-10	40YrCancel	3.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	653066.1	4190687	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	653041.9	4190675	3.75E-10	40YrCancel	3.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	653017.6	4190664	3.81E-10	40YrCancel	3.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	652993.4	4190653	3.86E-10	40YrCancel	3.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	652969.1	4190642	3.91E-10	40YrCancel	3.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	652944.9	4190631	3.95E-10	40YrCancel	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	652920.6	4190620	4.00E-10	40YrCancel	4.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	652896.4	4190608	4.04E-10	40YrCancel	4.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	652872.1	4190597	4.08E-10	40YrCancel	4.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1717	ALL	652847.9	4190586	4.12E-10	40YrCancel	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	652823.6	4190575	4.17E-10	40YrCancel	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	652799.4	4190564	4.22E-10	40YrCancel	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	652775.1	4190553	4.27E-10	40YrCancel	4.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	652750.9	4190541	4.32E-10	40YrCancel	4.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	652726.6	4190530	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	652702.4	4190519	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	652678.1	4190508	4.50E-10	40YrCancel	4.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	652653.9	4190497	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	652629.6	4190486	4.63E-10	40YrCancel	4.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL	652605.4	4190474	4.69E-10	40YrCancel	4.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL	652581.1	4190463	4.75E-10	40YrCancel	4.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	ALL	652556.9	4190452	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL	652532.6	4190441	4.85E-10	40YrCancel	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL	652508.4	4190430	4.90E-10	40YrCancel	4.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL	652484.1	4190419	4.94E-10	40YrCancel	4.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL	652459.9	4190407	4.97E-10	40YrCancel	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL	652435.6	4190396	5.01E-10	40YrCancel	5.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL	652411.4	4190385	5.04E-10	40YrCancel	5.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL	652387.1	4190374	5.08E-10	40YrCancel	5.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL	652362.9	4190363	5.11E-10	40YrCancel	5.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL	652338.6	4190352	5.14E-10	40YrCancel	5.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL	652314.4	4190340	5.18E-10	40YrCancel	5.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL	652290.1	4190329	5.22E-10	40YrCancel	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL	652265.9	4190318	5.26E-10	40YrCancel	5.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL	652241.6	4190307	5.30E-10	40YrCancel	5.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL	652217.4	4190296	5.34E-10	40YrCancel	5.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL	652193.1	4190285	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL	652168.9	4190274	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL	652144.6	4190262	5.48E-10	40YrCancel	5.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL	652120.4	4190251	5.52E-10	40YrCancel	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL	652096.1	4190240	5.57E-10	40YrCancel	5.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL	652071.9	4190229	5.61E-10	40YrCancel	5.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL	652047.6	4190218	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL	652023.4	4190207	5.70E-10	40YrCancel	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL	651999.1	4190195	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL	651974.9	4190184	5.79E-10	40YrCancel	5.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL	651950.6	4190173	5.83E-10	40YrCancel	5.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL	651926.4	4190162	5.87E-10	40YrCancel	5.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	ALL	651902.1	4190151	5.90E-10	40YrCancel	5.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL	651877.9	4190140	5.94E-10	40YrCancel	5.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL	651853.6	4190128	5.96E-10	40YrCancel	5.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL	651829.4	4190117	5.98E-10	40YrCancel	5.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL	651805.1	4190106	6.00E-10	40YrCancel	6.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL	653358.3	4190817	3.29E-10	40YrCancel	3.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL	653270.8	4191305	2.54E-10	40YrCancel	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL	653246.6	4191294	2.54E-10	40YrCancel	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL	653222.4	4191283	2.55E-10	40YrCancel	2.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL	653198.2	4191272	2.56E-10	40YrCancel	2.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL	653174	4191261	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL	653149.8	4191250	2.59E-10	40YrCancel	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL	653125.7	4191239	2.61E-10	40YrCancel	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL	653101.5	4191228	2.64E-10	40YrCancel	2.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL	653077.3	4191216	2.67E-10	40YrCancel	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL	653053.1	4191205	2.70E-10	40YrCancel	2.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL	653028.9	4191194	2.74E-10	40YrCancel	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL	653004.7	4191183	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL	652980.5	4191172	2.81E-10	40YrCancel	2.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL	652956.3	4191161	2.85E-10	40YrCancel	2.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL	652932.1	4191150	2.89E-10	40YrCancel	2.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL	652907.9	4191138	2.92E-10	40YrCancel	2.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL	652883.7	4191127	2.96E-10	40YrCancel	2.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL	652859.6	4191116	2.99E-10	40YrCancel	2.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL	652835.4	4191105	3.02E-10	40YrCancel	3.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL	652811.2	4191094	3.05E-10	40YrCancel	3.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL	652787	4191083	3.08E-10	40YrCancel	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL	652762.8	4191072	3.10E-10	40YrCancel	3.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL	652738.6	4191060	3.13E-10	40YrCancel	3.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL	652714.4	4191049	3.15E-10	40YrCancel	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL	652690.2	4191038	3.18E-10	40YrCancel	3.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL	652666	4191027	3.21E-10	40YrCancel	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL	652641.8	4191016	3.24E-10	40YrCancel	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL	652617.6	4191005	3.27E-10	40YrCancel	3.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL	652593.4	4190994	3.31E-10	40YrCancel	3.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL	652569.3	4190983	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL	652545.1	4190971	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL	652520.9	4190960	3.42E-10	40YrCancel	3.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL	652496.7	4190949	3.46E-10	40YrCancel	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL	652472.5	4190938	3.51E-10	40YrCancel	3.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL	652448.3	4190927	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL	652424.1	4190916	3.59E-10	40YrCancel	3.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL	652399.9	4190905	3.63E-10	40YrCancel	3.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL	652375.7	4190893	3.67E-10	40YrCancel	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL	652351.5	4190882	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	ALL	652327.3	4190871	3.74E-10	40YrCancel	3.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL	652303.2	4190860	3.77E-10	40YrCancel	3.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL	652279	4190849	3.79E-10	40YrCancel	3.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL	652254.8	4190838	3.82E-10	40YrCancel	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL	652230.6	4190827	3.84E-10	40YrCancel	3.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL	652206.4	4190815	3.86E-10	40YrCancel	3.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL	652182.2	4190804	3.88E-10	40YrCancel	3.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL	652158	4190793	3.90E-10	40YrCancel	3.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL	652133.8	4190782	3.92E-10	40YrCancel	3.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL	652109.6	4190771	3.95E-10	40YrCancel	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL	652085.4	4190760	3.97E-10	40YrCancel	3.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL	652061.2	4190749	3.99E-10	40YrCancel	3.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL	652037	4190738	4.02E-10	40YrCancel	4.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL	652012.9	4190726	4.04E-10	40YrCancel	4.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL	651988.7	4190715	4.07E-10	40YrCancel	4.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL	651964.5	4190704	4.10E-10	40YrCancel	4.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL	651940.3	4190693	4.12E-10	40YrCancel	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1818	ALL	651916.1	4190682	4.15E-10	40YrCancel	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL	651891.9	4190671	4.18E-10	40YrCancel	4.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL	651867.7	4190660	4.21E-10	40YrCancel	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL	651843.5	4190648	4.24E-10	40YrCancel	4.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL	651819.3	4190637	4.27E-10	40YrCancel	4.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL	651795.1	4190626	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL	651770.9	4190615	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL	651746.8	4190604	4.36E-10	40YrCancel	4.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL	651722.6	4190593	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL	651698.4	4190582	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL	651674.2	4190570	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL	651650	4190559	4.47E-10	40YrCancel	4.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL	651625.8	4190548	4.50E-10	40YrCancel	4.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL	651601.6	4190537	4.52E-10	40YrCancel	4.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL	651577.4	4190526	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL	651553.2	4190515	4.57E-10	40YrCancel	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL	651529	4190504	4.58E-10	40YrCancel	4.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL	651504.8	4190493	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL	651480.7	4190481	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL	651456.5	4190470	4.62E-10	40YrCancel	4.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL	653296.2	4191313	2.54E-10	40YrCancel	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL	653208.7	4191802	2.03E-10	40YrCancel	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL	653184.6	4191791	2.03E-10	40YrCancel	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL	653160.4	4191779	2.03E-10	40YrCancel	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL	653136.3	4191768	2.04E-10	40YrCancel	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL	653112.1	4191757	2.04E-10	40YrCancel	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL	653088	4191746	2.05E-10	40YrCancel	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL	653063.8	4191735	2.07E-10	40YrCancel	2.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	ALL	653039.7	4191724	2.08E-10	40YrCancel	2.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL	653015.5	4191713	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL	652991.4	4191702	2.12E-10	40YrCancel	2.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL	652967.2	4191690	2.15E-10	40YrCancel	2.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL	652943.1	4191679	2.17E-10	40YrCancel	2.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL	652918.9	4191668	2.20E-10	40YrCancel	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL	652894.8	4191657	2.22E-10	40YrCancel	2.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL	652870.6	4191646	2.25E-10	40YrCancel	2.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL	652846.5	4191635	2.28E-10	40YrCancel	2.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL	652822.4	4191624	2.31E-10	40YrCancel	2.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL	652798.2	4191613	2.33E-10	40YrCancel	2.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL	652774.1	4191602	2.36E-10	40YrCancel	2.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL	652749.9	4191590	2.38E-10	40YrCancel	2.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL	652725.8	4191579	2.40E-10	40YrCancel	2.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL	652701.6	4191568	2.42E-10	40YrCancel	2.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL	652677.5	4191557	2.44E-10	40YrCancel	2.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL	652653.3	4191546	2.46E-10	40YrCancel	2.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL	652629.2	4191535	2.48E-10	40YrCancel	2.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL	652605	4191524	2.49E-10	40YrCancel	2.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL	652580.9	4191513	2.51E-10	40YrCancel	2.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL	652556.7	4191501	2.53E-10	40YrCancel	2.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL	652532.6	4191490	2.55E-10	40YrCancel	2.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL	652508.4	4191479	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL	652484.3	4191468	2.58E-10	40YrCancel	2.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL	652460.1	4191457	2.61E-10	40YrCancel	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL	652436	4191446	2.63E-10	40YrCancel	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL	652411.8	4191435	2.65E-10	40YrCancel	2.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL	652387.7	4191424	2.68E-10	40YrCancel	2.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL	652363.5	4191413	2.71E-10	40YrCancel	2.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL	652339.4	4191401	2.74E-10	40YrCancel	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL	652315.2	4191390	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL	652291.1	4191379	2.80E-10	40YrCancel	2.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL	652266.9	4191368	2.83E-10	40YrCancel	2.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL	652242.8	4191357	2.86E-10	40YrCancel	2.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL	652218.7	4191346	2.89E-10	40YrCancel	2.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL	652194.5	4191335	2.91E-10	40YrCancel	2.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL	652170.4	4191324	2.94E-10	40YrCancel	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL	652146.2	4191313	2.97E-10	40YrCancel	2.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL	652122.1	4191301	2.99E-10	40YrCancel	2.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL	652097.9	4191290	3.01E-10	40YrCancel	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL	652073.8	4191279	3.03E-10	40YrCancel	3.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL	652049.6	4191268	3.04E-10	40YrCancel	3.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL	652025.5	4191257	3.06E-10	40YrCancel	3.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL	652001.3	4191246	3.07E-10	40YrCancel	3.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL	651977.2	4191235	3.09E-10	40YrCancel	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891	ALL	651953	4191224	3.10E-10	40YrCancel	3.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL	651928.9	4191212	3.12E-10	40YrCancel	3.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL	651904.7	4191201	3.13E-10	40YrCancel	3.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL	651880.6	4191190	3.15E-10	40YrCancel	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL	651856.4	4191179	3.16E-10	40YrCancel	3.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL	651832.3	4191168	3.18E-10	40YrCancel	3.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL	651808.1	4191157	3.19E-10	40YrCancel	3.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL	651784	4191146	3.21E-10	40YrCancel	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL	651759.8	4191135	3.23E-10	40YrCancel	3.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL	651735.7	4191124	3.25E-10	40YrCancel	3.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL	651711.5	4191112	3.26E-10	40YrCancel	3.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL	651687.4	4191101	3.28E-10	40YrCancel	3.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL	651663.2	4191090	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL	651639.1	4191079	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL	651615	4191068	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL	651590.8	4191057	3.36E-10	40YrCancel	3.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL	651566.7	4191046	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL	651542.5	4191035	3.40E-10	40YrCancel	3.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL	651518.4	4191023	3.42E-10	40YrCancel	3.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL	651494.2	4191012	3.44E-10	40YrCancel	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL	651470.1	4191001	3.46E-10	40YrCancel	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL	651445.9	4190990	3.48E-10	40YrCancel	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL	651421.8	4190979	3.50E-10	40YrCancel	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL	651397.6	4190968	3.52E-10	40YrCancel	3.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL	651373.5	4190957	3.54E-10	40YrCancel	3.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL	651349.3	4190946	3.56E-10	40YrCancel	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL	651325.2	4190935	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL	651301	4190923	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1919	ALL	651276.9	4190912	3.61E-10	40YrCancel	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL	651252.7	4190901	3.63E-10	40YrCancel	3.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL	651228.6	4190890	3.65E-10	40YrCancel	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL	651204.4	4190879	3.66E-10	40YrCancel	3.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL	651180.3	4190868	3.67E-10	40YrCancel	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL	651156.1	4190857	3.68E-10	40YrCancel	3.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL	651132	4190846	3.69E-10	40YrCancel	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL	653234.1	4191809	2.03E-10	40YrCancel	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL	653712.3	4188014	3.89E-07	40YrCancel	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL	653736.8	4188014	3.28E-07	40YrCancel	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL	653761.4	4188014	2.64E-07	40YrCancel	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL	653785.9	4188014	2.03E-07	40YrCancel	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL	653810.5	4188014	1.56E-07	40YrCancel	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL	653736.8	4188039	1.67E-07	40YrCancel	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL	653761.4	4188039	1.42E-07	40YrCancel	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL	653785.9	4188039	1.20E-07	40YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL	653810.5	4188039	1.01E-07	40YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936	ALL	653736.8	4188064	1.02E-07	40YrCancel	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL	653761.4	4188064	9.04E-08	40YrCancel	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL	653785.9	4188064	7.91E-08	40YrCancel	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL	653810.5	4188064	6.92E-08	40YrCancel	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL	653736.8	4188089	6.88E-08	40YrCancel	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL	653761.4	4188089	6.29E-08	40YrCancel	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL	653785.9	4188089	5.67E-08	40YrCancel	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL	653810.5	4188089	5.08E-08	40YrCancel	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL	653736.8	4188139	3.79E-08	40YrCancel	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL	653761.4	4188139	3.58E-08	40YrCancel	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL	653785.9	4188139	3.35E-08	40YrCancel	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL	653810.5	4188139	3.12E-08	40YrCancel	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL	653712.3	4188189	2.50E-08	40YrCancel	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL	653736.8	4188189	2.42E-08	40YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL	653761.4	4188189	2.33E-08	40YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL	653785.9	4188189	2.23E-08	40YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL	653810.5	4188189	2.11E-08	40YrCancel	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL	653712.3	4188239	1.74E-08	40YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL	653736.8	4188239	1.70E-08	40YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL	653761.4	4188239	1.65E-08	40YrCancel	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL	653785.9	4188239	1.60E-08	40YrCancel	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL	653810.5	4188239	1.53E-08	40YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL	653712.3	4188289	1.29E-08	40YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL	653736.8	4188289	1.27E-08	40YrCancel	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL	653761.4	4188289	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL	653785.9	4188289	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL	653810.5	4188289	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL	653712.3	4188339	1.00E-08	40YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL	653736.8	4188339	9.86E-09	40YrCancel	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL	653761.4	4188339	9.68E-09	40YrCancel	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL	653785.9	4188339	9.48E-09	40YrCancel	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL	653810.5	4188339	9.24E-09	40YrCancel	9.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL	653693.7	4188438	6.69E-09	40YrCancel	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL	653736.8	4188439	6.54E-09	40YrCancel	6.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL	653761.4	4188439	6.45E-09	40YrCancel	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL	653785.9	4188439	6.36E-09	40YrCancel	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL	653810.5	4188439	6.25E-09	40YrCancel	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL	653689.5	4188537	4.81E-09	40YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL	653666.7	4188536	4.85E-09	40YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL	653712.3	4188539	4.75E-09	40YrCancel	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL	653736.8	4188539	4.71E-09	40YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL	653761.4	4188539	4.66E-09	40YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL	653785.9	4188539	4.61E-09	40YrCancel	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL	653810.5	4188539	4.55E-09	40YrCancel	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL	653692.1	4188637	3.64E-09	40YrCancel	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981	ALL	653736.8	4188639	3.58E-09	40YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL	653761.4	4188639	3.55E-09	40YrCancel	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL	653785.9	4188639	3.52E-09	40YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL	653810.5	4188639	3.48E-09	40YrCancel	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL	653689	4188737	2.88E-09	40YrCancel	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL	653665.7	4188736	2.90E-09	40YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL	653642.4	4188734	2.92E-09	40YrCancel	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL	653712.3	4188739	2.85E-09	40YrCancel	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL	653736.8	4188739	2.83E-09	40YrCancel	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL	653761.4	4188739	2.81E-09	40YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL	653785.9	4188739	2.79E-09	40YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL	653810.5	4188739	2.77E-09	40YrCancel	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL	653691.2	4188837	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL	653648.9	4188835	2.37E-09	40YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL	653736.8	4188839	2.30E-09	40YrCancel	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL	653761.4	4188839	2.29E-09	40YrCancel	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL	653785.9	4188839	2.28E-09	40YrCancel	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL	653810.5	4188839	2.26E-09	40YrCancel	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL	653689.5	4189087	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL	653666.7	4189086	1.54E-09	40YrCancel	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL	653644	4189084	1.55E-09	40YrCancel	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002	ALL	653621.2	4189083	1.55E-09	40YrCancel	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL	653598.4	4189082	1.55E-09	40YrCancel	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL	653712.3	4189089	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL	653736.8	4189089	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL	653761.4	4189089	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL	653785.9	4189089	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL	653810.5	4189089	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL	653688.3	4189337	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL	653664.4	4189336	1.10E-09	40YrCancel	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL	653640.4	4189334	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL	653616.5	4189333	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL	653592.5	4189331	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL	653568.6	4189330	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015	ALL	653712.3	4189339	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL	653736.8	4189339	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL	653761.4	4189339	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL	653785.9	4189339	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL	653810.5	4189339	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2020	ALL	653690.2	4189587	8.28E-10	40YrCancel	8.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL	653646	4189585	8.37E-10	40YrCancel	8.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL	653601.9	4189582	8.42E-10	40YrCancel	8.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL	653557.7	4189579	8.43E-10	40YrCancel	8.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL	653736.8	4189589	8.19E-10	40YrCancel	8.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL	653761.4	4189589	8.16E-10	40YrCancel	8.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026	ALL	653785.9	4189589	8.13E-10	40YrCancel	8.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL	653810.5	4189589	8.11E-10	40YrCancel	8.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL	653689.3	4189837	6.53E-10	40YrCancel	6.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL	653666.3	4189836	6.57E-10	40YrCancel	6.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL	653643.4	4189834	6.60E-10	40YrCancel	6.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL	653620.4	4189833	6.63E-10	40YrCancel	6.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL	653597.4	4189832	6.65E-10	40YrCancel	6.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL	653574.4	4189830	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL	653551.4	4189829	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL	653528.5	4189827	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL	653505.5	4189826	6.65E-10	40YrCancel	6.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL	653712.3	4189839	6.49E-10	40YrCancel	6.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL	653736.8	4189839	6.47E-10	40YrCancel	6.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL	653761.4	4189839	6.44E-10	40YrCancel	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL	653785.9	4189839	6.43E-10	40YrCancel	6.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL	653810.5	4189839	6.41E-10	40YrCancel	6.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL	653688	4190337	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL	653663.6	4190336	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL	653639.3	4190334	4.47E-10	40YrCancel	4.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL	653615	4190333	4.50E-10	40YrCancel	4.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL	653590.7	4190331	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL	653566.3	4190330	4.52E-10	40YrCancel	4.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL	653542	4190328	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL	653517.7	4190327	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL	653493.4	4190325	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL	653469	4190323	4.52E-10	40YrCancel	4.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL	653444.7	4190322	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL	653712.3	4190339	4.41E-10	40YrCancel	4.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL	653736.8	4190339	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL	653761.4	4190339	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL	653785.9	4190339	4.37E-10	40YrCancel	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL	653810.5	4190339	4.36E-10	40YrCancel	4.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL	653688.7	4190837	3.24E-10	40YrCancel	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL	653665.1	4190836	3.26E-10	40YrCancel	3.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL	653641.5	4190834	3.27E-10	40YrCancel	3.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL	653617.9	4190833	3.29E-10	40YrCancel	3.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL	653594.3	4190831	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL	653570.7	4190830	3.31E-10	40YrCancel	3.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL	653547.1	4190828	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL	653523.5	4190827	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL	653499.9	4190825	3.33E-10	40YrCancel	3.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL	653476.3	4190824	3.33E-10	40YrCancel	3.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL	653452.7	4190822	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL	653429.1	4190821	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL	653405.5	4190820	3.31E-10	40YrCancel	3.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071	ALL	653381.9	4190818	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL	653712.3	4190839	3.23E-10	40YrCancel	3.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL	653736.8	4190839	3.22E-10	40YrCancel	3.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL	653761.4	4190839	3.21E-10	40YrCancel	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL	653785.9	4190839	3.20E-10	40YrCancel	3.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL	653810.5	4190839	3.20E-10	40YrCancel	3.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL	653687.8	4191337	2.50E-10	40YrCancel	2.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL	653663.3	4191336	2.51E-10	40YrCancel	2.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL	653638.9	4191334	2.52E-10	40YrCancel	2.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL	653614.4	4191333	2.53E-10	40YrCancel	2.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL	653589.9	4191331	2.54E-10	40YrCancel	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL	653565.4	4191330	2.55E-10	40YrCancel	2.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL	653540.9	4191328	2.56E-10	40YrCancel	2.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL	653516.5	4191326	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL	653492	4191325	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL	653467.5	4191323	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL	653443	4191322	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL	653418.6	4191320	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL	653394.1	4191319	2.57E-10	40YrCancel	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL	653369.6	4191317	2.56E-10	40YrCancel	2.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL	653345.1	4191316	2.55E-10	40YrCancel	2.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL	653320.6	4191314	2.55E-10	40YrCancel	2.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093	ALL	653712.3	4191339	2.49E-10	40YrCancel	2.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL	653736.8	4191339	2.48E-10	40YrCancel	2.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL	653761.4	4191339	2.48E-10	40YrCancel	2.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL	653785.9	4191339	2.47E-10	40YrCancel	2.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL	653810.5	4191339	2.47E-10	40YrCancel	2.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL	653688.4	4191837	2.00E-10	40YrCancel	2.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL	653664.5	4191836	2.01E-10	40YrCancel	2.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL	653640.6	4191834	2.02E-10	40YrCancel	2.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL	653616.6	4191833	2.03E-10	40YrCancel	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL	653592.7	4191831	2.03E-10	40YrCancel	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL	653568.8	4191830	2.04E-10	40YrCancel	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL	653544.9	4191828	2.05E-10	40YrCancel	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL	653521	4191827	2.05E-10	40YrCancel	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL	653497.1	4191825	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL	653473.2	4191824	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL	653449.3	4191822	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL	653425.3	4191821	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL	653401.4	4191819	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL	653377.5	4191818	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL	653353.6	4191816	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL	653329.7	4191815	2.05E-10	40YrCancel	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL	653305.8	4191813	2.05E-10	40YrCancel	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL	653281.9	4191812	2.04E-10	40YrCancel	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116	ALL	653258	4191810	2.04E-10	40YrCancel	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL	653712.3	4191839	2.00E-10	40YrCancel	2.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL	653736.8	4191839	1.99E-10	40YrCancel	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL	653761.4	4191839	1.99E-10	40YrCancel	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL	653785.9	4191839	1.98E-10	40YrCancel	1.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2121	ALL	653810.5	4191839	1.98E-10	40YrCancel	1.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL	653835.4	4187990	1.65E-07	40YrCancel	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL	653838.6	4187946	2.00E-07	40YrCancel	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL	653841.7	4187902	1.60E-07	40YrCancel	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL	653852.5	4188009	1.10E-07	40YrCancel	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL	653861.9	4187970	1.36E-07	40YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL	653865.1	4187926	1.36E-07	40YrCancel	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL	653868.2	4187881	1.09E-07	40YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL	653877.4	4188010	8.56E-08	40YrCancel	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL	653844.6	4188050	6.82E-08	40YrCancel	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL	653886.9	4187972	1.01E-07	40YrCancel	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL	653890	4187927	1.03E-07	40YrCancel	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL	653893.2	4187883	8.90E-08	40YrCancel	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL	653902.3	4188012	6.86E-08	40YrCancel	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL	653886.6	4188045	5.65E-08	40YrCancel	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL	653861.6	4188069	5.01E-08	40YrCancel	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL	653911.8	4187974	7.83E-08	40YrCancel	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL	653915	4187929	8.10E-08	40YrCancel	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL	653918.1	4187885	7.32E-08	40YrCancel	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL	653950.6	4188019	4.67E-08	40YrCancel	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL	653931.7	4188059	3.93E-08	40YrCancel	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL	653892.3	4188106	3.07E-08	40YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL	653851.4	4188123	3.11E-08	40YrCancel	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL	653961.7	4187977	5.17E-08	40YrCancel	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL	653964.8	4187933	5.39E-08	40YrCancel	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL	653968	4187888	5.13E-08	40YrCancel	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL	654001	4188022	3.43E-08	40YrCancel	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL	653982.9	4188059	3.07E-08	40YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL	653964.9	4188097	2.56E-08	40YrCancel	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL	653927.4	4188143	2.10E-08	40YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL	653888.4	4188158	2.12E-08	40YrCancel	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL	653849.4	4188173	2.14E-08	40YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL	654011.6	4187981	3.71E-08	40YrCancel	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL	654014.7	4187936	3.86E-08	40YrCancel	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL	654017.9	4187892	3.78E-08	40YrCancel	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL	654051.1	4188025	2.64E-08	40YrCancel	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL	654033.5	4188061	2.43E-08	40YrCancel	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL	654016	4188098	2.14E-08	40YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL	653998.5	4188135	1.80E-08	40YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL	653962	4188179	1.54E-08	40YrCancel	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161	ALL	653924.1	4188194	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL	653886.2	4188209	1.57E-08	40YrCancel	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL	653848.4	4188224	1.56E-08	40YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL	654061.4	4187984	2.80E-08	40YrCancel	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL	654064.6	4187940	2.91E-08	40YrCancel	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL	654067.7	4187895	2.90E-08	40YrCancel	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL	654100.3	4188030	2.10E-08	40YrCancel	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL	654081.3	4188069	1.95E-08	40YrCancel	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL	654062.4	4188109	1.74E-08	40YrCancel	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL	654043.4	4188149	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL	654024.5	4188188	1.26E-08	40YrCancel	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL	653994.5	4188216	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL	653953.6	4188232	1.19E-08	40YrCancel	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL	653912.7	4188248	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL	653871.8	4188265	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL	654111.3	4187988	2.21E-08	40YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL	654114.5	4187943	2.29E-08	40YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL	654117.6	4187899	2.30E-08	40YrCancel	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL	654150.4	4188033	1.72E-08	40YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL	654132	4188071	1.62E-08	40YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL	654113.6	4188110	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL	654095.1	4188148	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL	654076.7	4188187	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184	ALL	654058.3	4188225	9.96E-09	40YrCancel	9.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL	654029.2	4188253	9.43E-09	40YrCancel	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL	653989.4	4188268	9.49E-09	40YrCancel	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL	653949.7	4188284	9.59E-09	40YrCancel	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL	653909.9	4188300	9.62E-09	40YrCancel	9.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL	653870.1	4188315	9.55E-09	40YrCancel	9.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL	654161.2	4187991	1.79E-08	40YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL	654164.3	4187947	1.85E-08	40YrCancel	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL	654167.5	4187902	1.87E-08	40YrCancel	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL	654249.9	4188040	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL	654230.9	4188080	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL	654212	4188120	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL	654193	4188159	1.00E-08	40YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL	654174.1	4188199	9.02E-09	40YrCancel	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL	654155.1	4188239	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL	654136.2	4188278	7.11E-09	40YrCancel	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL	654096.8	4188326	6.47E-09	40YrCancel	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL	654055.9	4188342	6.49E-09	40YrCancel	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL	654015	4188358	6.56E-09	40YrCancel	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL	653974.1	4188374	6.60E-09	40YrCancel	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL	653933.2	4188390	6.59E-09	40YrCancel	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL	653892.3	4188406	6.51E-09	40YrCancel	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206	ALL	653851.4	4188423	6.38E-09	40YrCancel	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL	654260.9	4187998	1.25E-08	40YrCancel	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL	654264.1	4187954	1.29E-08	40YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL	654267.2	4187909	1.31E-08	40YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL	654350	4188047	9.15E-09	40YrCancel	9.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL	654331.7	4188085	8.90E-09	40YrCancel	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL	654313.4	4188123	8.47E-09	40YrCancel	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL	654295.1	4188161	7.96E-09	40YrCancel	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL	654276.8	4188200	7.42E-09	40YrCancel	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL	654258.5	4188238	6.81E-09	40YrCancel	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL	654240.3	4188276	6.15E-09	40YrCancel	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL	654222	4188315	5.58E-09	40YrCancel	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL	654203.7	4188353	5.12E-09	40YrCancel	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL	654165.7	4188399	4.76E-09	40YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL	654126.2	4188414	4.77E-09	40YrCancel	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL	654086.7	4188430	4.80E-09	40YrCancel	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2222	ALL	654047.3	4188445	4.84E-09	40YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL	654007.8	4188461	4.85E-09	40YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL	653968.4	4188477	4.84E-09	40YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL	653928.9	4188492	4.79E-09	40YrCancel	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL	653889.4	4188508	4.71E-09	40YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL	653850	4188523	4.63E-09	40YrCancel	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL	654360.7	4188005	9.36E-09	40YrCancel	9.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL	654363.8	4187961	9.59E-09	40YrCancel	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL	654367	4187916	9.74E-09	40YrCancel	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL	654449.5	4188054	7.16E-09	40YrCancel	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL	654430.9	4188093	7.02E-09	40YrCancel	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL	654412.2	4188132	6.74E-09	40YrCancel	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL	654393.5	4188171	6.39E-09	40YrCancel	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL	654374.9	4188210	6.03E-09	40YrCancel	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL	654356.2	4188249	5.65E-09	40YrCancel	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL	654337.6	4188288	5.22E-09	40YrCancel	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL	654318.9	4188328	4.77E-09	40YrCancel	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL	654300.2	4188367	4.37E-09	40YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL	654281.6	4188406	4.05E-09	40YrCancel	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL	654262.9	4188445	3.80E-09	40YrCancel	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL	654233.4	4188472	3.68E-09	40YrCancel	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL	654193.2	4188488	3.67E-09	40YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL	654152.9	4188504	3.69E-09	40YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL	654112.6	4188520	3.73E-09	40YrCancel	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL	654072.3	4188536	3.74E-09	40YrCancel	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL	654032	4188551	3.74E-09	40YrCancel	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL	653991.8	4188567	3.73E-09	40YrCancel	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL	653951.5	4188583	3.68E-09	40YrCancel	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL	653911.2	4188599	3.62E-09	40YrCancel	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251	ALL	653870.9	4188615	3.57E-09	40YrCancel	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL	654460.4	4188012	7.30E-09	40YrCancel	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL	654463.6	4187968	7.45E-09	40YrCancel	7.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL	654466.7	4187924	7.56E-09	40YrCancel	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL	654549.1	4188062	5.79E-09	40YrCancel	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	654530.2	4188101	5.70E-09	40YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	654511.2	4188141	5.51E-09	40YrCancel	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	654492.3	4188180	5.27E-09	40YrCancel	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	654473.3	4188220	5.01E-09	40YrCancel	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	654454.4	4188260	4.75E-09	40YrCancel	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	654435.4	4188299	4.47E-09	40YrCancel	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	654416.5	4188339	4.15E-09	40YrCancel	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	654397.5	4188379	3.82E-09	40YrCancel	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	654378.6	4188418	3.53E-09	40YrCancel	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	654359.6	4188458	3.30E-09	40YrCancel	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	654340.7	4188498	3.12E-09	40YrCancel	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	654301.3	4188545	2.95E-09	40YrCancel	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	654260.4	4188562	2.93E-09	40YrCancel	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	654219.5	4188578	2.94E-09	40YrCancel	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	654178.6	4188594	2.98E-09	40YrCancel	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	654137.7	4188610	2.99E-09	40YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	654096.8	4188626	2.99E-09	40YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	654055.9	4188642	2.99E-09	40YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	654015	4188658	2.98E-09	40YrCancel	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL	653974.1	4188674	2.94E-09	40YrCancel	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	653933.2	4188690	2.89E-09	40YrCancel	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	653892.3	4188706	2.85E-09	40YrCancel	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	653851.4	4188723	2.82E-09	40YrCancel	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	654560.2	4188019	5.88E-09	40YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	654563.3	4187975	5.99E-09	40YrCancel	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	654566.5	4187931	6.07E-09	40YrCancel	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	654648.8	4188069	4.79E-09	40YrCancel	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	654629.6	4188109	4.73E-09	40YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	654610.4	4188149	4.61E-09	40YrCancel	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	654591.3	4188189	4.43E-09	40YrCancel	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	654572.1	4188229	4.23E-09	40YrCancel	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	654552.9	4188269	4.04E-09	40YrCancel	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	654533.7	4188310	3.85E-09	40YrCancel	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	654514.5	4188350	3.63E-09	40YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	654495.4	4188390	3.39E-09	40YrCancel	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	654476.2	4188430	3.14E-09	40YrCancel	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	654457	4188470	2.93E-09	40YrCancel	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	654437.8	4188510	2.75E-09	40YrCancel	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	654418.7	4188550	2.61E-09	40YrCancel	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL	654399.5	4188591	2.49E-09	40YrCancel	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	654369.2	4188619	2.42E-09	40YrCancel	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	654327.8	4188635	2.41E-09	40YrCancel	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	654286.4	4188651	2.41E-09	40YrCancel	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	654245.1	4188668	2.44E-09	40YrCancel	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	654203.7	4188684	2.46E-09	40YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	654162.3	4188700	2.46E-09	40YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	654120.9	4188716	2.46E-09	40YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL	654079.5	4188733	2.46E-09	40YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL	654038.1	4188749	2.44E-09	40YrCancel	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL	653996.7	4188765	2.40E-09	40YrCancel	2.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL	653955.3	4188782	2.37E-09	40YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL	653914	4188798	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL	653872.6	4188814	2.32E-09	40YrCancel	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL	654659.9	4188027	4.85E-09	40YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL	654663.1	4187982	4.93E-09	40YrCancel	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL	654666.2	4187938	4.99E-09	40YrCancel	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL	654898.4	4188086	3.22E-09	40YrCancel	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL	654879.6	4188125	3.21E-09	40YrCancel	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL	654860.8	4188165	3.16E-09	40YrCancel	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL	654842	4188204	3.08E-09	40YrCancel	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL	654823.2	4188243	2.98E-09	40YrCancel	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL	654804.5	4188283	2.88E-09	40YrCancel	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL	654785.7	4188322	2.77E-09	40YrCancel	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL	654766.9	4188361	2.68E-09	40YrCancel	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL	654748.1	4188400	2.58E-09	40YrCancel	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL	654729.3	4188440	2.47E-09	40YrCancel	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL	654710.6	4188479	2.35E-09	40YrCancel	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2323	ALL	654691.8	4188518	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL	654673	4188558	2.10E-09	40YrCancel	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL	654654.2	4188597	1.98E-09	40YrCancel	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL	654635.4	4188636	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL	654616.7	4188676	1.81E-09	40YrCancel	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL	654597.9	4188715	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL	654579.1	4188754	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL	654540.1	4188801	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL	654499.5	4188817	1.60E-09	40YrCancel	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL	654459	4188833	1.60E-09	40YrCancel	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL	654418.5	4188849	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL	654377.9	4188865	1.62E-09	40YrCancel	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL	654337.4	4188881	1.64E-09	40YrCancel	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL	654296.9	4188897	1.64E-09	40YrCancel	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL	654256.3	4188913	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL	654215.8	4188929	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL	654175.3	4188945	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL	654134.7	4188961	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341	ALL	654094.2	4188977	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL	654053.7	4188993	1.59E-09	40YrCancel	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL	654013.1	4189009	1.57E-09	40YrCancel	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL	653972.6	4189025	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL	653932.1	4189041	1.54E-09	40YrCancel	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL	653891.6	4189057	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL	653851	4189073	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL	654909.3	4188044	3.25E-09	40YrCancel	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL	654912.5	4188000	3.29E-09	40YrCancel	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL	654915.6	4187955	3.32E-09	40YrCancel	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL	655147.6	4188104	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL	655128.7	4188144	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL	655109.7	4188183	2.31E-09	40YrCancel	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL	655090.8	4188223	2.27E-09	40YrCancel	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL	655071.8	4188263	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL	655052.9	4188302	2.16E-09	40YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL	655033.9	4188342	2.10E-09	40YrCancel	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL	655015	4188382	2.03E-09	40YrCancel	2.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL	654996	4188421	1.97E-09	40YrCancel	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL	654977.1	4188461	1.91E-09	40YrCancel	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL	654958.1	4188501	1.86E-09	40YrCancel	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL	654939.2	4188540	1.79E-09	40YrCancel	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL	654920.2	4188580	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL	654901.3	4188619	1.64E-09	40YrCancel	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL	654882.3	4188659	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366	ALL	654863.4	4188699	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL	654844.4	4188738	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL	654825.5	4188778	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL	654806.5	4188818	1.32E-09	40YrCancel	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL	654787.6	4188857	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL	654768.6	4188897	1.25E-09	40YrCancel	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL	654749.7	4188937	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL	654710.3	4188984	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL	654669.4	4189001	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL	654628.5	4189017	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL	654587.6	4189033	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL	654546.7	4189049	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL	654505.8	4189065	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL	654464.9	4189081	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL	654424	4189097	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL	654383.1	4189113	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL	654342.2	4189129	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL	654301.3	4189145	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL	654260.4	4189162	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL	654219.5	4189178	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386	ALL	654178.6	4189194	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL	654137.7	4189210	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL	654096.8	4189226	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL	654055.9	4189242	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL	654015	4189258	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL	653974.1	4189274	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL	653933.2	4189290	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL	653892.3	4189306	1.10E-09	40YrCancel	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL	653851.4	4189323	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL	655158.7	4188062	2.36E-09	40YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL	655161.8	4188017	2.38E-09	40YrCancel	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL	655165	4187973	2.40E-09	40YrCancel	2.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL	655397	4188122	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL	655377.9	4188162	1.79E-09	40YrCancel	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	655358.8	4188202	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	655339.7	4188241	1.76E-09	40YrCancel	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	655320.7	4188281	1.73E-09	40YrCancel	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	655301.6	4188321	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	655282.5	4188361	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	655263.5	4188401	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	655244.4	4188441	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL	655225.3	4188481	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	655206.3	4188521	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	655187.2	4188561	1.45E-09	40YrCancel	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	655168.1	4188601	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	655149.1	4188641	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	655130	4188680	1.32E-09	40YrCancel	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	655110.9	4188720	1.27E-09	40YrCancel	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	655091.8	4188760	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	655072.8	4188800	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	655053.7	4188840	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	655034.6	4188880	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	655015.6	4188920	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	654996.5	4188960	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	654977.4	4189000	9.91E-10	40YrCancel	9.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	654958.4	4189040	9.69E-10	40YrCancel	9.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	654939.3	4189080	9.49E-10	40YrCancel	9.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	654920.2	4189119	9.25E-10	40YrCancel	9.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2424	ALL	654880.6	4189167	8.92E-10	40YrCancel	8.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	654839.4	4189184	8.84E-10	40YrCancel	8.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	654798.3	4189200	8.76E-10	40YrCancel	8.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	654757.1	4189216	8.75E-10	40YrCancel	8.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	654715.9	4189232	8.81E-10	40YrCancel	8.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	654674.8	4189248	8.91E-10	40YrCancel	8.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	654633.6	4189265	9.00E-10	40YrCancel	9.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	654592.5	4189281	9.03E-10	40YrCancel	9.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	654551.3	4189297	9.02E-10	40YrCancel	9.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	654510.2	4189313	8.98E-10	40YrCancel	8.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	654469	4189329	8.97E-10	40YrCancel	8.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	654427.8	4189346	8.98E-10	40YrCancel	8.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	654386.7	4189362	9.00E-10	40YrCancel	9.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	654345.5	4189378	9.01E-10	40YrCancel	9.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	654304.4	4189394	8.98E-10	40YrCancel	8.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	654263.2	4189410	8.90E-10	40YrCancel	8.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL	654222.1	4189427	8.79E-10	40YrCancel	8.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL	654180.9	4189443	8.69E-10	40YrCancel	8.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL	654139.7	4189459	8.61E-10	40YrCancel	8.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL	654098.6	4189475	8.55E-10	40YrCancel	8.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL	654057.4	4189491	8.52E-10	40YrCancel	8.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL	654016.3	4189508	8.49E-10	40YrCancel	8.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL	653975.1	4189524	8.46E-10	40YrCancel	8.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL	653934	4189540	8.41E-10	40YrCancel	8.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL	653892.8	4189556	8.33E-10	40YrCancel	8.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL	653851.7	4189572	8.22E-10	40YrCancel	8.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL	655408.1	4188080	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL	655411.2	4188035	1.82E-09	40YrCancel	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL	655414.4	4187991	1.83E-09	40YrCancel	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL	655646.3	4188139	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL	655627.1	4188180	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL	655608	4188220	1.42E-09	40YrCancel	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL	655588.8	4188260	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2457	ALL	655569.7	4188300	1.39E-09	40YrCancel	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL	655550.5	4188340	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL	655531.3	4188380	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL	655512.2	4188420	1.31E-09	40YrCancel	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL	655493	4188460	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL	655473.9	4188500	1.25E-09	40YrCancel	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL	655454.7	4188540	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL	655435.6	4188581	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL	655416.4	4188621	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL	655397.2	4188661	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467	ALL	655378.1	4188701	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468	ALL	655358.9	4188741	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469	ALL	655339.8	4188781	1.06E-09	40YrCancel	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470	ALL	655320.6	4188821	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471	ALL	655301.4	4188861	9.85E-10	40YrCancel	9.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472	ALL	655282.3	4188901	9.49E-10	40YrCancel	9.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473	ALL	655263.1	4188941	9.16E-10	40YrCancel	9.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474	ALL	655244	4188981	8.85E-10	40YrCancel	8.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475	ALL	655224.8	4189022	8.57E-10	40YrCancel	8.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476	ALL	655205.7	4189062	8.33E-10	40YrCancel	8.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477	ALL	655186.5	4189102	8.11E-10	40YrCancel	8.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478	ALL	655167.3	4189142	7.93E-10	40YrCancel	7.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479	ALL	655148.2	4189182	7.78E-10	40YrCancel	7.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480	ALL	655129	4189222	7.65E-10	40YrCancel	7.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481	ALL	655109.9	4189262	7.50E-10	40YrCancel	7.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482	ALL	655090.7	4189302	7.33E-10	40YrCancel	7.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483	ALL	655050.9	4189350	7.09E-10	40YrCancel	7.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484	ALL	655009.5	4189367	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485	ALL	654968.2	4189383	6.95E-10	40YrCancel	6.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486	ALL	654926.8	4189399	6.92E-10	40YrCancel	6.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487	ALL	654885.5	4189416	6.94E-10	40YrCancel	6.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488	ALL	654844.2	4189432	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489	ALL	654802.8	4189448	7.09E-10	40YrCancel	7.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490	ALL	654761.5	4189464	7.15E-10	40YrCancel	7.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491	ALL	654720.1	4189481	7.17E-10	40YrCancel	7.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492	ALL	654678.8	4189497	7.16E-10	40YrCancel	7.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493	ALL	654637.4	4189513	7.13E-10	40YrCancel	7.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494	ALL	654596.1	4189529	7.11E-10	40YrCancel	7.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2495	ALL	654554.7	4189546	7.11E-10	40YrCancel	7.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496	ALL	654513.4	4189562	7.13E-10	40YrCancel	7.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497	ALL	654472	4189578	7.15E-10	40YrCancel	7.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498	ALL	654430.7	4189595	7.16E-10	40YrCancel	7.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499	ALL	654389.3	4189611	7.13E-10	40YrCancel	7.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500	ALL	654348	4189627	7.07E-10	40YrCancel	7.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501	ALL	654306.7	4189643	6.99E-10	40YrCancel	6.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	654265.3	4189660	6.91E-10	40YrCancel	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	654224	4189676	6.85E-10	40YrCancel	6.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	654182.6	4189692	6.80E-10	40YrCancel	6.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	654141.3	4189708	6.77E-10	40YrCancel	6.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	654099.9	4189725	6.75E-10	40YrCancel	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	654058.6	4189741	6.74E-10	40YrCancel	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	654017.2	4189757	6.72E-10	40YrCancel	6.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	653975.9	4189774	6.69E-10	40YrCancel	6.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	653934.5	4189790	6.64E-10	40YrCancel	6.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	653893.2	4189806	6.57E-10	40YrCancel	6.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	653851.8	4189822	6.49E-10	40YrCancel	6.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	655657.4	4188097	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	655660.6	4188053	1.44E-09	40YrCancel	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	655663.7	4188008	1.45E-09	40YrCancel	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	656145.1	4188175	9.76E-10	40YrCancel	9.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	656126.1	4188215	9.77E-10	40YrCancel	9.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	656107	4188254	9.76E-10	40YrCancel	9.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	656088	4188294	9.71E-10	40YrCancel	9.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	656069	4188334	9.63E-10	40YrCancel	9.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	656049.9	4188374	9.52E-10	40YrCancel	9.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	656030.9	4188414	9.39E-10	40YrCancel	9.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	656011.9	4188454	9.26E-10	40YrCancel	9.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	655992.8	4188493	9.11E-10	40YrCancel	9.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2525	ALL	655973.8	4188533	8.95E-10	40YrCancel	8.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	655954.8	4188573	8.78E-10	40YrCancel	8.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	655935.8	4188613	8.61E-10	40YrCancel	8.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	655916.7	4188653	8.44E-10	40YrCancel	8.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	655897.7	4188692	8.28E-10	40YrCancel	8.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	655878.7	4188732	8.14E-10	40YrCancel	8.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	655859.6	4188772	8.00E-10	40YrCancel	8.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	655840.6	4188812	7.88E-10	40YrCancel	7.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	655821.6	4188852	7.75E-10	40YrCancel	7.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	655802.5	4188892	7.62E-10	40YrCancel	7.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	655783.5	4188931	7.47E-10	40YrCancel	7.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	655764.5	4188971	7.31E-10	40YrCancel	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	655745.4	4189011	7.12E-10	40YrCancel	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	655726.4	4189051	6.93E-10	40YrCancel	6.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	655707.4	4189091	6.73E-10	40YrCancel	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	655688.3	4189131	6.54E-10	40YrCancel	6.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	655669.3	4189170	6.36E-10	40YrCancel	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	655650.3	4189210	6.18E-10	40YrCancel	6.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	655631.2	4189250	6.02E-10	40YrCancel	6.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	655612.2	4189290	5.88E-10	40YrCancel	5.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	655593.2	4189330	5.74E-10	40YrCancel	5.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	655574.2	4189370	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	655555.1	4189409	5.52E-10	40YrCancel	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2548	ALL	655536.1	4189449	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	655517.1	4189489	5.35E-10	40YrCancel	5.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	655498	4189529	5.28E-10	40YrCancel	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	655479	4189569	5.22E-10	40YrCancel	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	655460	4189609	5.15E-10	40YrCancel	5.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	655440.9	4189648	5.06E-10	40YrCancel	5.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	655421.9	4189688	4.94E-10	40YrCancel	4.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	655391.8	4189716	4.85E-10	40YrCancel	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	655350.8	4189732	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	655309.7	4189749	4.75E-10	40YrCancel	4.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	655268.6	4189765	4.71E-10	40YrCancel	4.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	655227.6	4189781	4.70E-10	40YrCancel	4.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	655186.5	4189797	4.72E-10	40YrCancel	4.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	655145.4	4189813	4.77E-10	40YrCancel	4.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	655104.3	4189829	4.82E-10	40YrCancel	4.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	655063.3	4189846	4.87E-10	40YrCancel	4.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	655022.2	4189862	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	654981.1	4189878	4.90E-10	40YrCancel	4.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	654940	4189894	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	654899	4189910	4.87E-10	40YrCancel	4.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	654857.9	4189926	4.85E-10	40YrCancel	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	654816.8	4189943	4.84E-10	40YrCancel	4.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	654775.7	4189959	4.84E-10	40YrCancel	4.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	654734.7	4189975	4.85E-10	40YrCancel	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	654693.6	4189991	4.87E-10	40YrCancel	4.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	654652.5	4190007	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	654611.4	4190023	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL	654570.4	4190040	4.88E-10	40YrCancel	4.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	654529.3	4190056	4.85E-10	40YrCancel	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	654488.2	4190072	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	654447.1	4190088	4.76E-10	40YrCancel	4.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	654406.1	4190104	4.71E-10	40YrCancel	4.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	654365	4190120	4.68E-10	40YrCancel	4.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	654323.9	4190137	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	654282.8	4190153	4.62E-10	40YrCancel	4.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	654241.8	4190169	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	654200.7	4190185	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	654159.6	4190201	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	654118.6	4190217	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	654077.5	4190234	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	654036.4	4190250	4.57E-10	40YrCancel	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	653995.3	4190266	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	653954.3	4190282	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL	653913.2	4190298	4.47E-10	40YrCancel	4.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	653872.1	4190314	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	656156.2	4188133	9.77E-10	40YrCancel	9.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	656159.3	4188088	9.82E-10	40YrCancel	9.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595	ALL	656162.5	4188044	9.86E-10	40YrCancel	9.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	656643.8	4188210	7.17E-10	40YrCancel	7.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	656624.6	4188250	7.19E-10	40YrCancel	7.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	656605.5	4188290	7.19E-10	40YrCancel	7.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	656586.3	4188330	7.17E-10	40YrCancel	7.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	656567.2	4188370	7.13E-10	40YrCancel	7.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	656548	4188411	7.07E-10	40YrCancel	7.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	656528.9	4188451	7.00E-10	40YrCancel	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	656509.7	4188491	6.92E-10	40YrCancel	6.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	656490.6	4188531	6.84E-10	40YrCancel	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	656471.4	4188571	6.75E-10	40YrCancel	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	656452.3	4188611	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	656433.1	4188651	6.56E-10	40YrCancel	6.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	656414	4188691	6.46E-10	40YrCancel	6.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	656394.8	4188731	6.35E-10	40YrCancel	6.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	656375.7	4188771	6.24E-10	40YrCancel	6.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	656356.5	4188811	6.14E-10	40YrCancel	6.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	656337.4	4188851	6.04E-10	40YrCancel	6.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613	ALL	656318.2	4188892	5.96E-10	40YrCancel	5.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614	ALL	656299	4188932	5.88E-10	40YrCancel	5.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615	ALL	656279.9	4188972	5.80E-10	40YrCancel	5.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616	ALL	656260.7	4189012	5.73E-10	40YrCancel	5.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617	ALL	656241.6	4189052	5.65E-10	40YrCancel	5.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618	ALL	656222.4	4189092	5.57E-10	40YrCancel	5.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619	ALL	656203.3	4189132	5.49E-10	40YrCancel	5.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620	ALL	656184.1	4189172	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621	ALL	656165	4189212	5.28E-10	40YrCancel	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622	ALL	656145.8	4189252	5.16E-10	40YrCancel	5.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623	ALL	656126.7	4189292	5.04E-10	40YrCancel	5.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624	ALL	656107.5	4189332	4.92E-10	40YrCancel	4.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625	ALL	656088.4	4189373	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2626	ALL	656069.2	4189413	4.69E-10	40YrCancel	4.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627	ALL	656050.1	4189453	4.58E-10	40YrCancel	4.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628	ALL	656030.9	4189493	4.48E-10	40YrCancel	4.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629	ALL	656011.8	4189533	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630	ALL	655992.6	4189573	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2631	ALL	655973.5	4189613	4.22E-10	40YrCancel	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632	ALL	655954.3	4189653	4.15E-10	40YrCancel	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633	ALL	655935.2	4189693	4.08E-10	40YrCancel	4.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634	ALL	655916	4189733	4.03E-10	40YrCancel	4.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635	ALL	655896.9	4189773	3.98E-10	40YrCancel	3.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636	ALL	655877.7	4189813	3.94E-10	40YrCancel	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637	ALL	655858.5	4189853	3.90E-10	40YrCancel	3.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638	ALL	655839.4	4189894	3.87E-10	40YrCancel	3.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2639	ALL	655820.2	4189934	3.83E-10	40YrCancel	3.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640	ALL	655801.1	4189974	3.78E-10	40YrCancel	3.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641	ALL	655781.9	4190014	3.72E-10	40YrCancel	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642	ALL	655762.8	4190054	3.63E-10	40YrCancel	3.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643	ALL	655732.5	4190082	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644	ALL	655691.2	4190098	3.54E-10	40YrCancel	3.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645	ALL	655649.9	4190115	3.50E-10	40YrCancel	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646	ALL	655608.5	4190131	3.47E-10	40YrCancel	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647	ALL	655567.2	4190147	3.45E-10	40YrCancel	3.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648	ALL	655525.9	4190163	3.45E-10	40YrCancel	3.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649	ALL	655484.5	4190180	3.47E-10	40YrCancel	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650	ALL	655443.2	4190196	3.50E-10	40YrCancel	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651	ALL	655401.9	4190212	3.54E-10	40YrCancel	3.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652	ALL	655360.5	4190229	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653	ALL	655319.2	4190245	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654	ALL	655277.9	4190261	3.61E-10	40YrCancel	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655	ALL	655236.5	4190277	3.61E-10	40YrCancel	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656	ALL	655195.2	4190294	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657	ALL	655153.9	4190310	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658	ALL	655112.5	4190326	3.56E-10	40YrCancel	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659	ALL	655071.2	4190342	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660	ALL	655029.9	4190359	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661	ALL	654988.5	4190375	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662	ALL	654947.2	4190391	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663	ALL	654905.9	4190407	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664	ALL	654864.5	4190424	3.59E-10	40YrCancel	3.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665	ALL	654823.2	4190440	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666	ALL	654781.9	4190456	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667	ALL	654740.5	4190473	3.59E-10	40YrCancel	3.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668	ALL	654699.2	4190489	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669	ALL	654657.9	4190505	3.54E-10	40YrCancel	3.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670	ALL	654616.5	4190521	3.51E-10	40YrCancel	3.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671	ALL	654575.2	4190538	3.48E-10	40YrCancel	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672	ALL	654533.8	4190554	3.46E-10	40YrCancel	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673	ALL	654492.5	4190570	3.43E-10	40YrCancel	3.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674	ALL	654451.2	4190586	3.41E-10	40YrCancel	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675	ALL	654409.8	4190603	3.40E-10	40YrCancel	3.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676	ALL	654368.5	4190619	3.39E-10	40YrCancel	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677	ALL	654327.2	4190635	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678	ALL	654285.8	4190652	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679	ALL	654244.5	4190668	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680	ALL	654203.2	4190684	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681	ALL	654161.8	4190700	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682	ALL	654120.5	4190717	3.37E-10	40YrCancel	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683	ALL	654079.2	4190733	3.36E-10	40YrCancel	3.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684	ALL	654037.8	4190749	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685	ALL	653996.5	4190765	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686	ALL	653955.2	4190782	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2687	ALL	653913.8	4190798	3.27E-10	40YrCancel	3.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688	ALL	653872.5	4190814	3.24E-10	40YrCancel	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689	ALL	656654.9	4188168	7.17E-10	40YrCancel	7.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690	ALL	656658.1	4188124	7.20E-10	40YrCancel	7.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691	ALL	656661.2	4188079	7.22E-10	40YrCancel	7.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692	ALL	657142.6	4188245	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693	ALL	657123.5	4188285	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694	ALL	657104.5	4188325	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695	ALL	657085.4	4188365	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696	ALL	657066.3	4188405	5.53E-10	40YrCancel	5.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697	ALL	657047.3	4188445	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698	ALL	657028.2	4188485	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699	ALL	657009.1	4188525	5.42E-10	40YrCancel	5.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700	ALL	656990.1	4188565	5.36E-10	40YrCancel	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701	ALL	656971	4188605	5.31E-10	40YrCancel	5.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702	ALL	656951.9	4188644	5.25E-10	40YrCancel	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703	ALL	656932.9	4188684	5.19E-10	40YrCancel	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704	ALL	656913.8	4188724	5.13E-10	40YrCancel	5.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705	ALL	656894.7	4188764	5.07E-10	40YrCancel	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706	ALL	656875.7	4188804	5.00E-10	40YrCancel	5.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707	ALL	656856.6	4188844	4.93E-10	40YrCancel	4.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708	ALL	656837.6	4188884	4.86E-10	40YrCancel	4.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709	ALL	656818.5	4188924	4.78E-10	40YrCancel	4.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710	ALL	656799.4	4188964	4.72E-10	40YrCancel	4.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711	ALL	656780.4	4189003	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712	ALL	656761.3	4189043	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713	ALL	656742.2	4189083	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714	ALL	656723.2	4189123	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715	ALL	656704.1	4189163	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716	ALL	656685	4189203	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717	ALL	656666	4189243	4.35E-10	40YrCancel	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718	ALL	656646.9	4189283	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719	ALL	656627.8	4189323	4.25E-10	40YrCancel	4.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720	ALL	656608.8	4189363	4.19E-10	40YrCancel	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721	ALL	656589.7	4189402	4.12E-10	40YrCancel	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722	ALL	656570.7	4189442	4.04E-10	40YrCancel	4.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723	ALL	656551.6	4189482	3.97E-10	40YrCancel	3.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724	ALL	656532.5	4189522	3.89E-10	40YrCancel	3.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725	ALL	656513.5	4189562	3.81E-10	40YrCancel	3.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726	ALL	656494.4	4189602	3.73E-10	40YrCancel	3.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2727	ALL	656475.3	4189642	3.65E-10	40YrCancel	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728	ALL	656456.3	4189682	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729	ALL	656437.2	4189722	3.51E-10	40YrCancel	3.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2730	ALL	656418.1	4189762	3.45E-10	40YrCancel	3.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731	ALL	656399.1	4189801	3.39E-10	40YrCancel	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732	ALL	656380	4189841	3.33E-10	40YrCancel	3.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733	ALL	656360.9	4189881	3.28E-10	40YrCancel	3.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734	ALL	656341.9	4189921	3.23E-10	40YrCancel	3.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2735	ALL	656322.8	4189961	3.19E-10	40YrCancel	3.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736	ALL	656303.7	4190001	3.15E-10	40YrCancel	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737	ALL	656284.7	4190041	3.11E-10	40YrCancel	3.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738	ALL	656265.6	4190081	3.08E-10	40YrCancel	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739	ALL	656246.6	4190121	3.05E-10	40YrCancel	3.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740	ALL	656227.5	4190160	3.03E-10	40YrCancel	3.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741	ALL	656208.4	4190200	3.02E-10	40YrCancel	3.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742	ALL	656189.4	4190240	3.00E-10	40YrCancel	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2743	ALL	656170.3	4190280	2.97E-10	40YrCancel	2.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744	ALL	656151.2	4190320	2.94E-10	40YrCancel	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745	ALL	656132.2	4190360	2.90E-10	40YrCancel	2.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746	ALL	656113.1	4190400	2.84E-10	40YrCancel	2.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747	ALL	656073.5	4190448	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748	ALL	656032.3	4190464	2.74E-10	40YrCancel	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749	ALL	655991.2	4190480	2.71E-10	40YrCancel	2.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750	ALL	655950	4190496	2.68E-10	40YrCancel	2.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751	ALL	655908.9	4190513	2.67E-10	40YrCancel	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752	ALL	655867.7	4190529	2.66E-10	40YrCancel	2.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753	ALL	655826.6	4190545	2.66E-10	40YrCancel	2.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754	ALL	655785.5	4190561	2.68E-10	40YrCancel	2.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755	ALL	655744.3	4190577	2.70E-10	40YrCancel	2.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756	ALL	655703.2	4190594	2.72E-10	40YrCancel	2.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757	ALL	655662	4190610	2.75E-10	40YrCancel	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758	ALL	655620.9	4190626	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759	ALL	655579.7	4190642	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760	ALL	655538.6	4190658	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761	ALL	655497.4	4190675	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762	ALL	655456.3	4190691	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763	ALL	655415.1	4190707	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764	ALL	655374	4190723	2.76E-10	40YrCancel	2.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765	ALL	655332.9	4190739	2.75E-10	40YrCancel	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766	ALL	655291.7	4190756	2.74E-10	40YrCancel	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767	ALL	655250.6	4190772	2.74E-10	40YrCancel	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768	ALL	655209.4	4190788	2.74E-10	40YrCancel	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769	ALL	655168.3	4190804	2.75E-10	40YrCancel	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770	ALL	655127.1	4190820	2.76E-10	40YrCancel	2.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771	ALL	655086	4190837	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772	ALL	655044.8	4190853	2.78E-10	40YrCancel	2.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773	ALL	655003.7	4190869	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774	ALL	654962.6	4190885	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775	ALL	654921.4	4190901	2.78E-10	40YrCancel	2.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776	ALL	654880.3	4190918	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777	ALL	654839.1	4190934	2.75E-10	40YrCancel	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778	ALL	654798	4190950	2.73E-10	40YrCancel	2.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779	ALL	654756.8	4190966	2.71E-10	40YrCancel	2.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780	ALL	654715.7	4190982	2.69E-10	40YrCancel	2.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781	ALL	654674.5	4190999	2.67E-10	40YrCancel	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782	ALL	654633.4	4191015	2.66E-10	40YrCancel	2.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2783	ALL	654592.2	4191031	2.64E-10	40YrCancel	2.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784	ALL	654551.1	4191047	2.63E-10	40YrCancel	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785	ALL	654510	4191063	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786	ALL	654468.8	4191080	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787	ALL	654427.7	4191096	2.61E-10	40YrCancel	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788	ALL	654386.5	4191112	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789	ALL	654345.4	4191128	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790	ALL	654304.2	4191144	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791	ALL	654263.1	4191161	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792	ALL	654221.9	4191177	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793	ALL	654180.8	4191193	2.61E-10	40YrCancel	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794	ALL	654139.7	4191209	2.60E-10	40YrCancel	2.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795	ALL	654098.5	4191225	2.59E-10	40YrCancel	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796	ALL	654057.4	4191241	2.58E-10	40YrCancel	2.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797	ALL	654016.2	4191258	2.56E-10	40YrCancel	2.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798	ALL	653975.1	4191274	2.54E-10	40YrCancel	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2799	ALL	653933.9	4191290	2.53E-10	40YrCancel	2.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800	ALL	653892.8	4191306	2.50E-10	40YrCancel	2.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801	ALL	653851.6	4191322	2.49E-10	40YrCancel	2.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802	ALL	657153.7	4188203	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803	ALL	657156.8	4188159	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804	ALL	657160	4188114	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805	ALL	657641.3	4188281	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806	ALL	657622.1	4188321	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807	ALL	657603	4188361	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808	ALL	657583.8	4188401	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809	ALL	657564.7	4188441	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810	ALL	657545.5	4188481	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811	ALL	657526.4	4188521	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812	ALL	657507.2	4188561	4.37E-10	40YrCancel	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813	ALL	657488.1	4188601	4.34E-10	40YrCancel	4.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814	ALL	657468.9	4188642	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815	ALL	657449.8	4188682	4.26E-10	40YrCancel	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816	ALL	657430.6	4188722	4.22E-10	40YrCancel	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817	ALL	657411.5	4188762	4.18E-10	40YrCancel	4.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818	ALL	657392.3	4188802	4.14E-10	40YrCancel	4.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819	ALL	657373.2	4188842	4.09E-10	40YrCancel	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820	ALL	657354	4188882	4.05E-10	40YrCancel	4.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2821	ALL	657334.9	4188922	4.00E-10	40YrCancel	4.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822	ALL	657315.7	4188962	3.95E-10	40YrCancel	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823	ALL	657296.6	4189002	3.90E-10	40YrCancel	3.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824	ALL	657277.4	4189042	3.85E-10	40YrCancel	3.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825	ALL	657258.3	4189082	3.80E-10	40YrCancel	3.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826	ALL	657239.1	4189122	3.75E-10	40YrCancel	3.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827	ALL	657220	4189163	3.71E-10	40YrCancel	3.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2828	ALL	657200.8	4189203	3.67E-10	40YrCancel	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829	ALL	657181.7	4189243	3.63E-10	40YrCancel	3.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830	ALL	657162.6	4189283	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2831	ALL	657143.4	4189323	3.56E-10	40YrCancel	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832	ALL	657124.3	4189363	3.53E-10	40YrCancel	3.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833	ALL	657105.1	4189403	3.50E-10	40YrCancel	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834	ALL	657086	4189443	3.47E-10	40YrCancel	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835	ALL	657066.8	4189483	3.44E-10	40YrCancel	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836	ALL	657047.7	4189523	3.40E-10	40YrCancel	3.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837	ALL	657028.5	4189563	3.35E-10	40YrCancel	3.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838	ALL	657009.4	4189603	3.31E-10	40YrCancel	3.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839	ALL	656990.2	4189643	3.26E-10	40YrCancel	3.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840	ALL	656971.1	4189683	3.20E-10	40YrCancel	3.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841	ALL	656951.9	4189724	3.15E-10	40YrCancel	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842	ALL	656932.8	4189764	3.09E-10	40YrCancel	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843	ALL	656913.6	4189804	3.04E-10	40YrCancel	3.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844	ALL	656894.5	4189844	2.98E-10	40YrCancel	2.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845	ALL	656875.3	4189884	2.93E-10	40YrCancel	2.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846	ALL	656856.2	4189924	2.88E-10	40YrCancel	2.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847	ALL	656837	4189964	2.83E-10	40YrCancel	2.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848	ALL	656817.9	4190004	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849	ALL	656798.7	4190044	2.74E-10	40YrCancel	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850	ALL	656779.6	4190084	2.70E-10	40YrCancel	2.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851	ALL	656760.4	4190124	2.67E-10	40YrCancel	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852	ALL	656741.3	4190164	2.63E-10	40YrCancel	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853	ALL	656722.1	4190204	2.59E-10	40YrCancel	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854	ALL	656703	4190245	2.56E-10	40YrCancel	2.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2855	ALL	656683.8	4190285	2.53E-10	40YrCancel	2.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856	ALL	656664.7	4190325	2.51E-10	40YrCancel	2.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857	ALL	656645.5	4190365	2.48E-10	40YrCancel	2.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858	ALL	656626.4	4190405	2.46E-10	40YrCancel	2.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859	ALL	656607.2	4190445	2.45E-10	40YrCancel	2.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860	ALL	656588.1	4190485	2.44E-10	40YrCancel	2.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861	ALL	656568.9	4190525	2.42E-10	40YrCancel	2.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862	ALL	656549.8	4190565	2.41E-10	40YrCancel	2.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863	ALL	656530.6	4190605	2.40E-10	40YrCancel	2.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864	ALL	656511.5	4190645	2.38E-10	40YrCancel	2.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865	ALL	656492.3	4190685	2.35E-10	40YrCancel	2.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866	ALL	656473.2	4190725	2.32E-10	40YrCancel	2.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867	ALL	656454	4190766	2.28E-10	40YrCancel	2.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868	ALL	656414.2	4190814	2.22E-10	40YrCancel	2.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869	ALL	656372.9	4190830	2.20E-10	40YrCancel	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870	ALL	656331.5	4190846	2.18E-10	40YrCancel	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871	ALL	656290.2	4190863	2.16E-10	40YrCancel	2.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872	ALL	656248.9	4190879	2.14E-10	40YrCancel	2.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873	ALL	656207.6	4190895	2.13E-10	40YrCancel	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874	ALL	656166.2	4190911	2.13E-10	40YrCancel	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875	ALL	656124.9	4190928	2.13E-10	40YrCancel	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876	ALL	656083.6	4190944	2.14E-10	40YrCancel	2.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877	ALL	656042.2	4190960	2.16E-10	40YrCancel	2.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878	ALL	656000.9	4190976	2.18E-10	40YrCancel	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2879	ALL	655959.6	4190993	2.20E-10	40YrCancel	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880	ALL	655918.3	4191009	2.22E-10	40YrCancel	2.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881	ALL	655876.9	4191025	2.23E-10	40YrCancel	2.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882	ALL	655835.6	4191042	2.24E-10	40YrCancel	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883	ALL	655794.3	4191058	2.24E-10	40YrCancel	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884	ALL	655752.9	4191074	2.24E-10	40YrCancel	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885	ALL	655711.6	4191090	2.23E-10	40YrCancel	2.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886	ALL	655670.3	4191107	2.22E-10	40YrCancel	2.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887	ALL	655629	4191123	2.21E-10	40YrCancel	2.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888	ALL	655587.6	4191139	2.20E-10	40YrCancel	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889	ALL	655546.3	4191155	2.19E-10	40YrCancel	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890	ALL	655505	4191172	2.19E-10	40YrCancel	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891	ALL	655463.6	4191188	2.19E-10	40YrCancel	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892	ALL	655422.3	4191204	2.20E-10	40YrCancel	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893	ALL	655381	4191220	2.20E-10	40YrCancel	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894	ALL	655339.7	4191237	2.21E-10	40YrCancel	2.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895	ALL	655298.3	4191253	2.22E-10	40YrCancel	2.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896	ALL	655257	4191269	2.23E-10	40YrCancel	2.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897	ALL	655215.7	4191286	2.24E-10	40YrCancel	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898	ALL	655174.3	4191302	2.24E-10	40YrCancel	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899	ALL	655133	4191318	2.24E-10	40YrCancel	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900	ALL	655091.7	4191334	2.23E-10	40YrCancel	2.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901	ALL	655050.4	4191351	2.22E-10	40YrCancel	2.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902	ALL	655009	4191367	2.21E-10	40YrCancel	2.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903	ALL	654967.7	4191383	2.19E-10	40YrCancel	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904	ALL	654926.4	4191399	2.18E-10	40YrCancel	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905	ALL	654885	4191416	2.17E-10	40YrCancel	2.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906	ALL	654843.7	4191432	2.15E-10	40YrCancel	2.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907	ALL	654802.4	4191448	2.14E-10	40YrCancel	2.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908	ALL	654761.1	4191464	2.13E-10	40YrCancel	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909	ALL	654719.7	4191481	2.12E-10	40YrCancel	2.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910	ALL	654678.4	4191497	2.11E-10	40YrCancel	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2911	ALL	654637.1	4191513	2.11E-10	40YrCancel	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2912	ALL	654595.7	4191530	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913	ALL	654554.4	4191546	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914	ALL	654513.1	4191562	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915	ALL	654471.8	4191578	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916	ALL	654430.4	4191595	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917	ALL	654389.1	4191611	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918	ALL	654347.8	4191627	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919	ALL	654306.4	4191643	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920	ALL	654265.1	4191660	2.10E-10	40YrCancel	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921	ALL	654223.8	4191676	2.09E-10	40YrCancel	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922	ALL	654182.5	4191692	2.09E-10	40YrCancel	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923	ALL	654141.1	4191709	2.08E-10	40YrCancel	2.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924	ALL	654099.8	4191725	2.07E-10	40YrCancel	2.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925	ALL	654058.5	4191741	2.06E-10	40YrCancel	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926	ALL	654017.1	4191757	2.05E-10	40YrCancel	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2927	ALL	653975.8	4191774	2.03E-10	40YrCancel	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928	ALL	653934.5	4191790	2.02E-10	40YrCancel	2.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2929	ALL	653893.2	4191806	2.00E-10	40YrCancel	2.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930	ALL	653851.8	4191822	1.99E-10	40YrCancel	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931	ALL	657652.4	4188239	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932	ALL	657655.6	4188194	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933	ALL	657658.7	4188150	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934	ALL	653819	4187853	1.11E-07	40YrCancel	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935	ALL	653794.3	4187852	1.19E-07	40YrCancel	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936	ALL	653769.5	4187851	1.20E-07	40YrCancel	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937	ALL	653744.7	4187851	1.13E-07	40YrCancel	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938	ALL	653719.9	4187850	1.04E-07	40YrCancel	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939	ALL	653695.1	4187849	9.47E-08	40YrCancel	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940	ALL	653837.6	4187836	8.66E-08	40YrCancel	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941	ALL	653794.9	4187827	8.71E-08	40YrCancel	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942	ALL	653770.1	4187826	8.59E-08	40YrCancel	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943	ALL	653745.4	4187826	8.07E-08	40YrCancel	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944	ALL	653720.6	4187825	7.55E-08	40YrCancel	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945	ALL	653695.8	4187824	7.11E-08	40YrCancel	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946	ALL	653838.2	4187811	6.77E-08	40YrCancel	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947	ALL	653880.3	4187846	7.85E-08	40YrCancel	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948	ALL	653795.6	4187802	6.63E-08	40YrCancel	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949	ALL	653770.8	4187801	6.43E-08	40YrCancel	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950	ALL	653746	4187801	6.07E-08	40YrCancel	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951	ALL	653721.3	4187800	5.76E-08	40YrCancel	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952	ALL	653696.5	4187799	5.52E-08	40YrCancel	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953	ALL	653838.9	4187786	5.43E-08	40YrCancel	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954	ALL	653874.6	4187802	5.73E-08	40YrCancel	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955	ALL	653898.9	4187829	6.37E-08	40YrCancel	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956	ALL	653796.3	4187777	5.22E-08	40YrCancel	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957	ALL	653771.5	4187776	5.03E-08	40YrCancel	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958	ALL	653746.7	4187776	4.75E-08	40YrCancel	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959	ALL	653721.9	4187775	4.55E-08	40YrCancel	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960	ALL	653697.1	4187774	4.42E-08	40YrCancel	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961	ALL	653843.8	4187738	3.76E-08	40YrCancel	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962	ALL	653865.2	4187747	3.88E-08	40YrCancel	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963	ALL	653886.6	4187757	3.99E-08	40YrCancel	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964	ALL	653908.1	4187767	4.08E-08	40YrCancel	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965	ALL	653937.2	4187799	4.53E-08	40YrCancel	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966	ALL	653944.9	4187821	4.88E-08	40YrCancel	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2967	ALL	653952.6	4187844	5.11E-08	40YrCancel	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968	ALL	653960.3	4187866	5.18E-08	40YrCancel	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969	ALL	653822.4	4187728	3.56E-08	40YrCancel	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970	ALL	653797.6	4187727	3.49E-08	40YrCancel	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971	ALL	653772.8	4187726	3.35E-08	40YrCancel	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972	ALL	653748	4187726	3.18E-08	40YrCancel	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973	ALL	653723.3	4187725	3.07E-08	40YrCancel	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974	ALL	653698.5	4187724	3.02E-08	40YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2975	ALL	653844.1	4187687	2.73E-08	40YrCancel	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976	ALL	653884.9	4187706	2.91E-08	40YrCancel	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977	ALL	653905.3	4187715	2.97E-08	40YrCancel	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978	ALL	653946.1	4187734	3.08E-08	40YrCancel	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979	ALL	653973.8	4187764	3.35E-08	40YrCancel	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980	ALL	653988.5	4187807	3.76E-08	40YrCancel	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981	ALL	654003.2	4187849	3.89E-08	40YrCancel	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982	ALL	653798.9	4187677	2.52E-08	40YrCancel	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983	ALL	653774.2	4187676	2.42E-08	40YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984	ALL	653749.4	4187676	2.31E-08	40YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985	ALL	653724.6	4187675	2.24E-08	40YrCancel	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986	ALL	653699.8	4187674	2.22E-08	40YrCancel	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987	ALL	653847.4	4187638	2.08E-08	40YrCancel	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988	ALL	653869.7	4187648	2.18E-08	40YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989	ALL	653892	4187658	2.25E-08	40YrCancel	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990	ALL	653914.3	4187669	2.29E-08	40YrCancel	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991	ALL	653936.6	4187679	2.33E-08	40YrCancel	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992	ALL	653958.9	4187689	2.38E-08	40YrCancel	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993	ALL	653981.2	4187699	2.42E-08	40YrCancel	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994	ALL	654011.6	4187733	2.61E-08	40YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995	ALL	654019.6	4187756	2.79E-08	40YrCancel	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996	ALL	654027.6	4187779	2.92E-08	40YrCancel	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997	ALL	654035.6	4187802	3.01E-08	40YrCancel	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998	ALL	654043.7	4187826	3.04E-08	40YrCancel	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999	ALL	654051.7	4187849	3.02E-08	40YrCancel	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000	ALL	654059.7	4187872	2.98E-08	40YrCancel	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001	ALL	653825	4187628	1.95E-08	40YrCancel	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002	ALL	653800.3	4187627	1.90E-08	40YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3003	ALL	653775.5	4187626	1.83E-08	40YrCancel	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004	ALL	653750.7	4187626	1.76E-08	40YrCancel	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005	ALL	653725.9	4187625	1.72E-08	40YrCancel	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006	ALL	653701.2	4187624	1.70E-08	40YrCancel	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007	ALL	653847.8	4187588	1.63E-08	40YrCancel	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008	ALL	653869.2	4187597	1.71E-08	40YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009	ALL	653890.6	4187607	1.78E-08	40YrCancel	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010	ALL	653912.1	4187617	1.82E-08	40YrCancel	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011	ALL	653933.5	4187627	1.84E-08	40YrCancel	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012	ALL	653954.9	4187637	1.86E-08	40YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013	ALL	653976.3	4187647	1.90E-08	40YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014	ALL	653997.7	4187656	1.93E-08	40YrCancel	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015	ALL	654019.2	4187666	1.96E-08	40YrCancel	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016	ALL	654048.3	4187698	2.09E-08	40YrCancel	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017	ALL	654056	4187721	2.21E-08	40YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018	ALL	654063.7	4187743	2.31E-08	40YrCancel	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019	ALL	654071.4	4187765	2.39E-08	40YrCancel	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020	ALL	654079.1	4187787	2.43E-08	40YrCancel	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021	ALL	654086.8	4187810	2.45E-08	40YrCancel	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022	ALL	654094.5	4187832	2.44E-08	40YrCancel	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3023	ALL	654102.2	4187854	2.41E-08	40YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024	ALL	654109.9	4187877	2.36E-08	40YrCancel	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025	ALL	653826.4	4187578	1.53E-08	40YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026	ALL	653801.6	4187577	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027	ALL	653776.8	4187576	1.44E-08	40YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028	ALL	653752	4187576	1.39E-08	40YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029	ALL	653727.3	4187575	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3030	ALL	653702.5	4187574	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031	ALL	653848.5	4187537	1.31E-08	40YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032	ALL	653869.4	4187547	1.37E-08	40YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033	ALL	653890.2	4187556	1.43E-08	40YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034	ALL	653911	4187566	1.47E-08	40YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035	ALL	653931.8	4187576	1.50E-08	40YrCancel	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036	ALL	653952.7	4187585	1.52E-08	40YrCancel	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037	ALL	653973.5	4187595	1.53E-08	40YrCancel	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038	ALL	653994.3	4187604	1.55E-08	40YrCancel	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039	ALL	654015.1	4187614	1.58E-08	40YrCancel	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040	ALL	654036	4187623	1.61E-08	40YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041	ALL	654056.8	4187633	1.62E-08	40YrCancel	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042	ALL	654085.1	4187664	1.71E-08	40YrCancel	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043	ALL	654092.6	4187686	1.80E-08	40YrCancel	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044	ALL	654100.1	4187707	1.88E-08	40YrCancel	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045	ALL	654107.6	4187729	1.94E-08	40YrCancel	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046	ALL	654115.1	4187751	1.99E-08	40YrCancel	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047	ALL	654122.6	4187772	2.01E-08	40YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048	ALL	654130	4187794	2.02E-08	40YrCancel	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049	ALL	654137.5	4187816	2.01E-08	40YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050	ALL	654145	4187837	1.99E-08	40YrCancel	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051	ALL	654152.5	4187859	1.96E-08	40YrCancel	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052	ALL	654160	4187881	1.92E-08	40YrCancel	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053	ALL	653827.7	4187528	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054	ALL	653802.9	4187527	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055	ALL	653778.2	4187526	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056	ALL	653753.4	4187526	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057	ALL	653728.6	4187525	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058	ALL	653703.8	4187524	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059	ALL	653851.8	4187438	9.06E-09	40YrCancel	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060	ALL	653873.2	4187447	9.47E-09	40YrCancel	9.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061	ALL	653894.6	4187457	9.86E-09	40YrCancel	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062	ALL	653916.1	4187467	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063	ALL	653937.5	4187477	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064	ALL	653958.9	4187487	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065	ALL	653980.3	4187497	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066	ALL	654001.7	4187506	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067	ALL	654023.2	4187516	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068	ALL	654044.6	4187526	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069	ALL	654066	4187536	1.13E-08	40YrCancel	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070	ALL	654087.4	4187546	1.15E-08	40YrCancel	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3071	ALL	654108.8	4187556	1.16E-08	40YrCancel	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072	ALL	654130.3	4187565	1.17E-08	40YrCancel	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073	ALL	654159.4	4187598	1.22E-08	40YrCancel	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074	ALL	654167.1	4187620	1.28E-08	40YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075	ALL	654174.8	4187642	1.33E-08	40YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076	ALL	654182.5	4187664	1.37E-08	40YrCancel	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077	ALL	654190.2	4187687	1.41E-08	40YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078	ALL	654197.9	4187709	1.43E-08	40YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3079	ALL	654205.6	4187731	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080	ALL	654213.3	4187753	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081	ALL	654221	4187776	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082	ALL	654228.7	4187798	1.44E-08	40YrCancel	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083	ALL	654236.4	4187820	1.43E-08	40YrCancel	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084	ALL	654244.1	4187843	1.41E-08	40YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085	ALL	654251.8	4187865	1.38E-08	40YrCancel	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086	ALL	654259.5	4187887	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087	ALL	653830.4	4187428	8.63E-09	40YrCancel	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088	ALL	653805.6	4187427	8.41E-09	40YrCancel	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089	ALL	653780.8	4187426	8.17E-09	40YrCancel	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090	ALL	653756	4187426	7.96E-09	40YrCancel	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091	ALL	653731.3	4187425	7.84E-09	40YrCancel	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092	ALL	653706.5	4187424	7.82E-09	40YrCancel	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093	ALL	653854.9	4187338	6.69E-09	40YrCancel	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3094	ALL	653876.7	4187348	6.96E-09	40YrCancel	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095	ALL	653898.5	4187358	7.23E-09	40YrCancel	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096	ALL	653920.3	4187368	7.49E-09	40YrCancel	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097	ALL	653942.1	4187378	7.74E-09	40YrCancel	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098	ALL	653964	4187388	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099	ALL	653985.8	4187398	8.14E-09	40YrCancel	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100	ALL	654007.6	4187408	8.25E-09	40YrCancel	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101	ALL	654029.4	4187418	8.30E-09	40YrCancel	8.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102	ALL	654051.2	4187428	8.31E-09	40YrCancel	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103	ALL	654073	4187438	8.34E-09	40YrCancel	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104	ALL	654094.9	4187448	8.41E-09	40YrCancel	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105	ALL	654116.7	4187458	8.53E-09	40YrCancel	8.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106	ALL	654138.5	4187468	8.66E-09	40YrCancel	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107	ALL	654160.3	4187478	8.77E-09	40YrCancel	8.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108	ALL	654182.1	4187488	8.84E-09	40YrCancel	8.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109	ALL	654203.9	4187498	8.87E-09	40YrCancel	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110	ALL	654233.6	4187531	9.22E-09	40YrCancel	9.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111	ALL	654241.4	4187553	9.59E-09	40YrCancel	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112	ALL	654249.3	4187576	9.93E-09	40YrCancel	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113	ALL	654257.1	4187599	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114	ALL	654265	4187622	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115	ALL	654272.8	4187644	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116	ALL	654280.7	4187667	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117	ALL	654288.5	4187690	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118	ALL	654296.4	4187712	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3119	ALL	654304.2	4187735	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120	ALL	654312.1	4187758	1.10E-08	40YrCancel	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121	ALL	654319.9	4187780	1.09E-08	40YrCancel	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122	ALL	654327.8	4187803	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123	ALL	654335.6	4187826	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124	ALL	654343.5	4187848	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125	ALL	654351.3	4187871	1.03E-08	40YrCancel	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126	ALL	654359.1	4187894	1.00E-08	40YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127	ALL	653833.1	4187328	6.40E-09	40YrCancel	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128	ALL	653808.3	4187327	6.24E-09	40YrCancel	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129	ALL	653783.5	4187326	6.09E-09	40YrCancel	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130	ALL	653758.7	4187326	5.96E-09	40YrCancel	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3131	ALL	653733.9	4187325	5.88E-09	40YrCancel	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132	ALL	653709.2	4187325	5.86E-09	40YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133	ALL	653857.8	4187238	5.17E-09	40YrCancel	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134	ALL	653879.9	4187248	5.36E-09	40YrCancel	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3135	ALL	653902	4187258	5.55E-09	40YrCancel	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136	ALL	653924.1	4187268	5.73E-09	40YrCancel	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137	ALL	653946.2	4187279	5.92E-09	40YrCancel	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138	ALL	653968.3	4187289	6.10E-09	40YrCancel	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139	ALL	653990.4	4187299	6.26E-09	40YrCancel	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140	ALL	654012.5	4187309	6.40E-09	40YrCancel	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141	ALL	654034.6	4187319	6.50E-09	40YrCancel	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142	ALL	654056.7	4187329	6.55E-09	40YrCancel	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143	ALL	654078.8	4187339	6.56E-09	40YrCancel	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144	ALL	654100.9	4187350	6.56E-09	40YrCancel	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145	ALL	654123	4187360	6.57E-09	40YrCancel	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146	ALL	654145.1	4187370	6.62E-09	40YrCancel	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147	ALL	654167.2	4187380	6.69E-09	40YrCancel	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148	ALL	654189.3	4187390	6.79E-09	40YrCancel	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149	ALL	654211.4	4187400	6.87E-09	40YrCancel	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150	ALL	654233.5	4187410	6.95E-09	40YrCancel	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151	ALL	654255.6	4187421	6.99E-09	40YrCancel	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152	ALL	654277.7	4187431	7.00E-09	40YrCancel	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153	ALL	654307.8	4187464	7.24E-09	40YrCancel	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154	ALL	654315.7	4187487	7.50E-09	40YrCancel	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155	ALL	654323.7	4187510	7.74E-09	40YrCancel	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156	ALL	654331.6	4187533	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157	ALL	654339.6	4187556	8.17E-09	40YrCancel	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158	ALL	654347.5	4187579	8.35E-09	40YrCancel	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159	ALL	654355.5	4187602	8.49E-09	40YrCancel	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160	ALL	654363.4	4187625	8.59E-09	40YrCancel	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161	ALL	654371.4	4187648	8.66E-09	40YrCancel	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162	ALL	654379.3	4187671	8.69E-09	40YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163	ALL	654387.3	4187694	8.69E-09	40YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164	ALL	654395.2	4187717	8.66E-09	40YrCancel	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165	ALL	654403.2	4187740	8.61E-09	40YrCancel	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166	ALL	654411.1	4187763	8.55E-09	40YrCancel	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3167	ALL	654419	4187786	8.48E-09	40YrCancel	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168	ALL	654427	4187809	8.39E-09	40YrCancel	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169	ALL	654434.9	4187832	8.28E-09	40YrCancel	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170	ALL	654442.9	4187855	8.14E-09	40YrCancel	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171	ALL	654450.8	4187878	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172	ALL	654458.8	4187901	7.78E-09	40YrCancel	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173	ALL	653835.7	4187228	4.96E-09	40YrCancel	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174	ALL	653810.9	4187227	4.85E-09	40YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175	ALL	653786.2	4187227	4.74E-09	40YrCancel	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176	ALL	653761.4	4187226	4.65E-09	40YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177	ALL	653736.6	4187225	4.60E-09	40YrCancel	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178	ALL	653711.8	4187225	4.59E-09	40YrCancel	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179	ALL	653860.7	4187138	4.13E-09	40YrCancel	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180	ALL	653883	4187148	4.28E-09	40YrCancel	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181	ALL	653905.3	4187159	4.42E-09	40YrCancel	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182	ALL	653927.6	4187169	4.55E-09	40YrCancel	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183	ALL	653950	4187179	4.68E-09	40YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184	ALL	653972.3	4187189	4.81E-09	40YrCancel	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3185	ALL	653994.6	4187200	4.94E-09	40YrCancel	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186	ALL	654016.9	4187210	5.07E-09	40YrCancel	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187	ALL	654039.2	4187220	5.18E-09	40YrCancel	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188	ALL	654061.5	4187230	5.27E-09	40YrCancel	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189	ALL	654083.8	4187241	5.32E-09	40YrCancel	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190	ALL	654106.1	4187251	5.34E-09	40YrCancel	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3191	ALL	654128.5	4187261	5.33E-09	40YrCancel	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192	ALL	654150.8	4187271	5.33E-09	40YrCancel	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193	ALL	654173.1	4187282	5.33E-09	40YrCancel	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194	ALL	654195.4	4187292	5.36E-09	40YrCancel	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195	ALL	654217.7	4187302	5.41E-09	40YrCancel	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196	ALL	654240	4187312	5.48E-09	40YrCancel	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197	ALL	654262.3	4187323	5.55E-09	40YrCancel	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198	ALL	654284.6	4187333	5.61E-09	40YrCancel	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199	ALL	654307	4187343	5.66E-09	40YrCancel	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200	ALL	654329.3	4187353	5.68E-09	40YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201	ALL	654351.6	4187364	5.69E-09	40YrCancel	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202	ALL	654381.9	4187397	5.86E-09	40YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203	ALL	654389.9	4187420	6.05E-09	40YrCancel	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204	ALL	654398	4187443	6.22E-09	40YrCancel	6.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205	ALL	654406	4187467	6.39E-09	40YrCancel	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206	ALL	654414	4187490	6.55E-09	40YrCancel	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207	ALL	654422	4187513	6.69E-09	40YrCancel	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208	ALL	654430.1	4187536	6.81E-09	40YrCancel	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209	ALL	654438.1	4187559	6.91E-09	40YrCancel	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210	ALL	654446.1	4187583	6.98E-09	40YrCancel	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211	ALL	654454.1	4187606	7.03E-09	40YrCancel	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212	ALL	654462.2	4187629	7.06E-09	40YrCancel	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213	ALL	654470.2	4187652	7.06E-09	40YrCancel	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214	ALL	654478.2	4187675	7.05E-09	40YrCancel	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3215	ALL	654486.2	4187699	7.01E-09	40YrCancel	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216	ALL	654494.3	4187722	6.97E-09	40YrCancel	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217	ALL	654502.3	4187745	6.92E-09	40YrCancel	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218	ALL	654510.3	4187768	6.87E-09	40YrCancel	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219	ALL	654518.3	4187791	6.81E-09	40YrCancel	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220	ALL	654526.4	4187815	6.73E-09	40YrCancel	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221	ALL	654534.4	4187838	6.64E-09	40YrCancel	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222	ALL	654542.4	4187861	6.52E-09	40YrCancel	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223	ALL	654550.4	4187884	6.38E-09	40YrCancel	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224	ALL	654558.5	4187907	6.23E-09	40YrCancel	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225	ALL	653838.4	4187128	3.97E-09	40YrCancel	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226	ALL	653813.6	4187127	3.89E-09	40YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227	ALL	653788.8	4187127	3.81E-09	40YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228	ALL	653764.1	4187126	3.75E-09	40YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229	ALL	653739.3	4187125	3.71E-09	40YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230	ALL	653714.5	4187125	3.70E-09	40YrCancel	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231	ALL	653863.5	4187038	3.38E-09	40YrCancel	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3232	ALL	653886	4187049	3.50E-09	40YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233	ALL	653908.5	4187059	3.61E-09	40YrCancel	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234	ALL	653931	4187069	3.71E-09	40YrCancel	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235	ALL	653953.5	4187080	3.81E-09	40YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236	ALL	653975.9	4187090	3.91E-09	40YrCancel	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237	ALL	653998.4	4187100	4.01E-09	40YrCancel	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238	ALL	654020.9	4187110	4.11E-09	40YrCancel	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239	ALL	654043.4	4187121	4.20E-09	40YrCancel	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240	ALL	654065.8	4187131	4.29E-09	40YrCancel	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241	ALL	654088.3	4187141	4.37E-09	40YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242	ALL	654110.8	4187152	4.42E-09	40YrCancel	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243	ALL	654133.3	4187162	4.44E-09	40YrCancel	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244	ALL	654155.8	4187172	4.45E-09	40YrCancel	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245	ALL	654178.2	4187183	4.44E-09	40YrCancel	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246	ALL	654200.7	4187193	4.43E-09	40YrCancel	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3247	ALL	654223.2	4187203	4.43E-09	40YrCancel	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248	ALL	654245.7	4187214	4.45E-09	40YrCancel	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249	ALL	654268.1	4187224	4.48E-09	40YrCancel	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250	ALL	654290.6	4187234	4.53E-09	40YrCancel	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251	ALL	654313.1	4187245	4.59E-09	40YrCancel	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252	ALL	654335.6	4187255	4.64E-09	40YrCancel	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253	ALL	654358.1	4187265	4.68E-09	40YrCancel	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254	ALL	654380.5	4187276	4.71E-09	40YrCancel	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255	ALL	654403	4187286	4.73E-09	40YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256	ALL	654425.5	4187296	4.73E-09	40YrCancel	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257	ALL	654456.1	4187330	4.85E-09	40YrCancel	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258	ALL	654464.1	4187353	4.99E-09	40YrCancel	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259	ALL	654472.2	4187377	5.13E-09	40YrCancel	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260	ALL	654480.3	4187400	5.26E-09	40YrCancel	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261	ALL	654488.4	4187423	5.38E-09	40YrCancel	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262	ALL	654496.5	4187447	5.49E-09	40YrCancel	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3263	ALL	654504.6	4187470	5.59E-09	40YrCancel	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264	ALL	654512.6	4187494	5.68E-09	40YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265	ALL	654520.7	4187517	5.75E-09	40YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266	ALL	654528.8	4187540	5.81E-09	40YrCancel	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267	ALL	654536.9	4187564	5.84E-09	40YrCancel	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268	ALL	654545	4187587	5.86E-09	40YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269	ALL	654553.1	4187610	5.87E-09	40YrCancel	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270	ALL	654561.1	4187634	5.86E-09	40YrCancel	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271	ALL	654569.2	4187657	5.84E-09	40YrCancel	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272	ALL	654577.3	4187681	5.81E-09	40YrCancel	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273	ALL	654585.4	4187704	5.78E-09	40YrCancel	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274	ALL	654593.5	4187727	5.74E-09	40YrCancel	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275	ALL	654601.6	4187751	5.70E-09	40YrCancel	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3276	ALL	654609.7	4187774	5.65E-09	40YrCancel	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277	ALL	654617.7	4187797	5.60E-09	40YrCancel	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278	ALL	654625.8	4187821	5.53E-09	40YrCancel	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279	ALL	654633.9	4187844	5.45E-09	40YrCancel	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280	ALL	654642	4187868	5.35E-09	40YrCancel	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281	ALL	654650.1	4187891	5.23E-09	40YrCancel	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282	ALL	654658.2	4187914	5.11E-09	40YrCancel	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283	ALL	653841.1	4187028	3.26E-09	40YrCancel	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284	ALL	653816.3	4187027	3.20E-09	40YrCancel	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285	ALL	653791.5	4187027	3.15E-09	40YrCancel	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286	ALL	653766.7	4187026	3.10E-09	40YrCancel	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287	ALL	653742	4187025	3.07E-09	40YrCancel	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288	ALL	653717.2	4187025	3.06E-09	40YrCancel	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289	ALL	653870.2	4186788	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290	ALL	653892.6	4186799	2.30E-09	40YrCancel	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291	ALL	653915.1	4186809	2.36E-09	40YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292	ALL	653937.5	4186819	2.43E-09	40YrCancel	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293	ALL	653959.9	4186830	2.48E-09	40YrCancel	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294	ALL	653982.4	4186840	2.54E-09	40YrCancel	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295	ALL	654004.8	4186850	2.59E-09	40YrCancel	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296	ALL	654027.3	4186860	2.64E-09	40YrCancel	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297	ALL	654049.7	4186871	2.69E-09	40YrCancel	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298	ALL	654072.1	4186881	2.74E-09	40YrCancel	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299	ALL	654094.6	4186891	2.80E-09	40YrCancel	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300	ALL	654117	4186902	2.85E-09	40YrCancel	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301	ALL	654139.5	4186912	2.90E-09	40YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302	ALL	654161.9	4186922	2.95E-09	40YrCancel	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3303	ALL	654184.3	4186933	2.99E-09	40YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304	ALL	654206.8	4186943	3.01E-09	40YrCancel	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305	ALL	654229.2	4186953	3.03E-09	40YrCancel	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306	ALL	654251.7	4186963	3.03E-09	40YrCancel	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307	ALL	654274.1	4186974	3.02E-09	40YrCancel	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308	ALL	654296.5	4186984	3.01E-09	40YrCancel	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309	ALL	654319	4186994	3.00E-09	40YrCancel	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310	ALL	654341.4	4187005	2.99E-09	40YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3311	ALL	654363.9	4187015	3.00E-09	40YrCancel	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312	ALL	654386.3	4187025	3.01E-09	40YrCancel	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313	ALL	654408.7	4187036	3.03E-09	40YrCancel	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314	ALL	654431.2	4187046	3.06E-09	40YrCancel	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315	ALL	654453.6	4187056	3.09E-09	40YrCancel	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316	ALL	654476.1	4187066	3.13E-09	40YrCancel	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317	ALL	654498.5	4187077	3.15E-09	40YrCancel	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318	ALL	654520.9	4187087	3.18E-09	40YrCancel	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319	ALL	654543.4	4187097	3.20E-09	40YrCancel	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320	ALL	654565.8	4187108	3.21E-09	40YrCancel	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321	ALL	654588.3	4187118	3.21E-09	40YrCancel	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322	ALL	654610.7	4187128	3.20E-09	40YrCancel	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323	ALL	654641.2	4187162	3.27E-09	40YrCancel	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324	ALL	654649.3	4187185	3.35E-09	40YrCancel	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325	ALL	654657.4	4187209	3.42E-09	40YrCancel	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326	ALL	654665.4	4187232	3.49E-09	40YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327	ALL	654673.5	4187255	3.56E-09	40YrCancel	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328	ALL	654681.6	4187279	3.63E-09	40YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329	ALL	654689.6	4187302	3.69E-09	40YrCancel	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330	ALL	654697.7	4187325	3.75E-09	40YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331	ALL	654705.8	4187349	3.80E-09	40YrCancel	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332	ALL	654713.9	4187372	3.85E-09	40YrCancel	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3333	ALL	654721.9	4187395	3.89E-09	40YrCancel	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334	ALL	654730	4187419	3.92E-09	40YrCancel	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335	ALL	654738.1	4187442	3.94E-09	40YrCancel	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336	ALL	654746.1	4187465	3.96E-09	40YrCancel	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337	ALL	654754.2	4187489	3.98E-09	40YrCancel	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338	ALL	654762.3	4187512	3.98E-09	40YrCancel	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339	ALL	654770.3	4187535	3.98E-09	40YrCancel	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340	ALL	654778.4	4187559	3.97E-09	40YrCancel	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341	ALL	654786.5	4187582	3.95E-09	40YrCancel	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342	ALL	654794.6	4187605	3.94E-09	40YrCancel	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343	ALL	654802.6	4187629	3.92E-09	40YrCancel	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344	ALL	654810.7	4187652	3.90E-09	40YrCancel	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345	ALL	654818.8	4187675	3.88E-09	40YrCancel	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346	ALL	654826.8	4187699	3.86E-09	40YrCancel	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347	ALL	654834.9	4187722	3.84E-09	40YrCancel	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348	ALL	654843	4187745	3.81E-09	40YrCancel	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349	ALL	654851	4187769	3.78E-09	40YrCancel	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350	ALL	654859.1	4187792	3.74E-09	40YrCancel	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351	ALL	654867.2	4187815	3.70E-09	40YrCancel	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352	ALL	654875.3	4187839	3.64E-09	40YrCancel	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353	ALL	654883.3	4187862	3.58E-09	40YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354	ALL	654891.4	4187885	3.52E-09	40YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355	ALL	654899.5	4187909	3.45E-09	40YrCancel	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356	ALL	654907.5	4187932	3.39E-09	40YrCancel	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357	ALL	653847.7	4186778	2.17E-09	40YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358	ALL	653823	4186777	2.14E-09	40YrCancel	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3359	ALL	653798.2	4186777	2.11E-09	40YrCancel	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360	ALL	653773.4	4186776	2.08E-09	40YrCancel	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361	ALL	653748.6	4186775	2.06E-09	40YrCancel	2.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362	ALL	653723.9	4186775	2.06E-09	40YrCancel	2.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363	ALL	653876.8	4186538	1.60E-09	40YrCancel	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364	ALL	653899.3	4186549	1.64E-09	40YrCancel	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365	ALL	653921.7	4186559	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366	ALL	653944.1	4186569	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3367	ALL	653966.5	4186580	1.76E-09	40YrCancel	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368	ALL	653988.9	4186590	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369	ALL	654011.3	4186600	1.83E-09	40YrCancel	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370	ALL	654033.8	4186610	1.86E-09	40YrCancel	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371	ALL	654056.2	4186621	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372	ALL	654078.6	4186631	1.92E-09	40YrCancel	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373	ALL	654101	4186641	1.95E-09	40YrCancel	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374	ALL	654123.4	4186652	1.99E-09	40YrCancel	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375	ALL	654145.8	4186662	2.02E-09	40YrCancel	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376	ALL	654168.3	4186672	2.05E-09	40YrCancel	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377	ALL	654190.7	4186682	2.09E-09	40YrCancel	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378	ALL	654213.1	4186693	2.12E-09	40YrCancel	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379	ALL	654235.5	4186703	2.15E-09	40YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380	ALL	654257.9	4186713	2.18E-09	40YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381	ALL	654280.3	4186724	2.20E-09	40YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382	ALL	654302.7	4186734	2.21E-09	40YrCancel	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383	ALL	654325.2	4186744	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384	ALL	654347.6	4186755	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385	ALL	654370	4186765	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386	ALL	654392.4	4186775	2.21E-09	40YrCancel	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387	ALL	654414.8	4186785	2.20E-09	40YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388	ALL	654437.2	4186796	2.19E-09	40YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389	ALL	654459.7	4186806	2.18E-09	40YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390	ALL	654482.1	4186816	2.18E-09	40YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391	ALL	654504.5	4186827	2.19E-09	40YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392	ALL	654526.9	4186837	2.20E-09	40YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393	ALL	654549.3	4186847	2.21E-09	40YrCancel	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394	ALL	654571.7	4186857	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395	ALL	654594.2	4186868	2.25E-09	40YrCancel	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396	ALL	654616.6	4186878	2.27E-09	40YrCancel	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397	ALL	654639	4186888	2.29E-09	40YrCancel	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398	ALL	654661.4	4186899	2.31E-09	40YrCancel	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399	ALL	654683.8	4186909	2.32E-09	40YrCancel	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400	ALL	654706.2	4186919	2.33E-09	40YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401	ALL	654728.7	4186929	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402	ALL	654751.1	4186940	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403	ALL	654773.5	4186950	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404	ALL	654795.9	4186960	2.34E-09	40YrCancel	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405	ALL	654826.4	4186994	2.38E-09	40YrCancel	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406	ALL	654834.4	4187017	2.42E-09	40YrCancel	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3407	ALL	654842.5	4187041	2.47E-09	40YrCancel	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408	ALL	654850.6	4187064	2.51E-09	40YrCancel	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409	ALL	654858.6	4187087	2.55E-09	40YrCancel	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410	ALL	654866.7	4187111	2.59E-09	40YrCancel	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411	ALL	654874.8	4187134	2.63E-09	40YrCancel	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412	ALL	654882.8	4187157	2.67E-09	40YrCancel	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413	ALL	654890.9	4187180	2.71E-09	40YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414	ALL	654898.9	4187204	2.74E-09	40YrCancel	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3415	ALL	654907	4187227	2.78E-09	40YrCancel	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416	ALL	654915.1	4187250	2.81E-09	40YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417	ALL	654923.1	4187274	2.83E-09	40YrCancel	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418	ALL	654931.2	4187297	2.85E-09	40YrCancel	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419	ALL	654939.3	4187320	2.87E-09	40YrCancel	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420	ALL	654947.3	4187344	2.88E-09	40YrCancel	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421	ALL	654955.4	4187367	2.90E-09	40YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422	ALL	654963.4	4187390	2.90E-09	40YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423	ALL	654971.5	4187414	2.91E-09	40YrCancel	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424	ALL	654979.6	4187437	2.91E-09	40YrCancel	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425	ALL	654987.6	4187460	2.90E-09	40YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426	ALL	654995.7	4187484	2.89E-09	40YrCancel	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427	ALL	655003.7	4187507	2.88E-09	40YrCancel	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428	ALL	655011.8	4187530	2.87E-09	40YrCancel	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429	ALL	655019.9	4187553	2.86E-09	40YrCancel	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430	ALL	655027.9	4187577	2.85E-09	40YrCancel	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431	ALL	655036	4187600	2.84E-09	40YrCancel	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432	ALL	655044.1	4187623	2.83E-09	40YrCancel	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433	ALL	655052.1	4187647	2.82E-09	40YrCancel	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3434	ALL	655060.2	4187670	2.81E-09	40YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435	ALL	655068.2	4187693	2.79E-09	40YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436	ALL	655076.3	4187717	2.78E-09	40YrCancel	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437	ALL	655084.4	4187740	2.76E-09	40YrCancel	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438	ALL	655092.4	4187763	2.73E-09	40YrCancel	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439	ALL	655100.5	4187787	2.71E-09	40YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440	ALL	655108.6	4187810	2.67E-09	40YrCancel	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441	ALL	655116.6	4187833	2.64E-09	40YrCancel	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442	ALL	655124.7	4187856	2.60E-09	40YrCancel	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443	ALL	655132.7	4187880	2.56E-09	40YrCancel	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444	ALL	655140.8	4187903	2.52E-09	40YrCancel	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445	ALL	655148.9	4187926	2.48E-09	40YrCancel	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446	ALL	655156.9	4187950	2.44E-09	40YrCancel	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447	ALL	653854.4	4186528	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448	ALL	653829.6	4186527	1.54E-09	40YrCancel	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449	ALL	653804.9	4186527	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450	ALL	653780.1	4186526	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451	ALL	653755.3	4186525	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452	ALL	653730.5	4186525	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453	ALL	653883.5	4186288	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454	ALL	653905.9	4186299	1.24E-09	40YrCancel	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3455	ALL	653928.3	4186309	1.27E-09	40YrCancel	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456	ALL	653950.7	4186319	1.29E-09	40YrCancel	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457	ALL	653973.1	4186330	1.32E-09	40YrCancel	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3458	ALL	653995.5	4186340	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459	ALL	654017.9	4186350	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460	ALL	654040.3	4186360	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461	ALL	654062.7	4186371	1.42E-09	40YrCancel	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462	ALL	654085.1	4186381	1.44E-09	40YrCancel	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463	ALL	654107.5	4186391	1.46E-09	40YrCancel	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464	ALL	654129.9	4186402	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465	ALL	654152.3	4186412	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466	ALL	654174.7	4186422	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467	ALL	654197.1	4186432	1.54E-09	40YrCancel	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468	ALL	654219.5	4186443	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469	ALL	654241.9	4186453	1.58E-09	40YrCancel	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470	ALL	654264.3	4186463	1.60E-09	40YrCancel	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3471	ALL	654286.7	4186474	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472	ALL	654309.1	4186484	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473	ALL	654331.5	4186494	1.67E-09	40YrCancel	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474	ALL	654353.9	4186504	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475	ALL	654376.3	4186515	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476	ALL	654398.7	4186525	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477	ALL	654421.1	4186535	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478	ALL	654443.5	4186546	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479	ALL	654465.9	4186556	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480	ALL	654488.3	4186566	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481	ALL	654510.7	4186576	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482	ALL	654533.1	4186587	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483	ALL	654555.5	4186597	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484	ALL	654577.9	4186607	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485	ALL	654600.3	4186618	1.67E-09	40YrCancel	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486	ALL	654622.7	4186628	1.67E-09	40YrCancel	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487	ALL	654645.1	4186638	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488	ALL	654667.5	4186648	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489	ALL	654689.9	4186659	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490	ALL	654712.3	4186669	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491	ALL	654734.7	4186679	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492	ALL	654757.1	4186690	1.74E-09	40YrCancel	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493	ALL	654779.5	4186700	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494	ALL	654801.9	4186710	1.76E-09	40YrCancel	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495	ALL	654824.3	4186720	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496	ALL	654846.7	4186731	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497	ALL	654869.1	4186741	1.79E-09	40YrCancel	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498	ALL	654891.5	4186751	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499	ALL	654913.9	4186762	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500	ALL	654936.3	4186772	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501	ALL	654958.7	4186782	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502	ALL	654981.1	4186792	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3503	ALL	655011.6	4186826	1.82E-09	40YrCancel	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504	ALL	655019.6	4186849	1.85E-09	40YrCancel	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505	ALL	655027.7	4186873	1.88E-09	40YrCancel	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506	ALL	655035.7	4186896	1.91E-09	40YrCancel	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507	ALL	655043.8	4186919	1.94E-09	40YrCancel	1.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508	ALL	655051.8	4186942	1.96E-09	40YrCancel	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509	ALL	655059.9	4186966	1.99E-09	40YrCancel	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510	ALL	655068	4186989	2.02E-09	40YrCancel	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511	ALL	655076	4187012	2.04E-09	40YrCancel	2.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512	ALL	655084.1	4187036	2.07E-09	40YrCancel	2.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513	ALL	655092.1	4187059	2.09E-09	40YrCancel	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514	ALL	655100.2	4187082	2.11E-09	40YrCancel	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515	ALL	655108.2	4187106	2.13E-09	40YrCancel	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516	ALL	655116.3	4187129	2.15E-09	40YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517	ALL	655124.3	4187152	2.17E-09	40YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518	ALL	655132.4	4187175	2.18E-09	40YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519	ALL	655140.5	4187199	2.20E-09	40YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520	ALL	655148.5	4187222	2.21E-09	40YrCancel	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521	ALL	655156.6	4187245	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522	ALL	655164.6	4187269	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523	ALL	655172.7	4187292	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524	ALL	655180.7	4187315	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525	ALL	655188.8	4187338	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526	ALL	655196.8	4187362	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3527	ALL	655204.9	4187385	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528	ALL	655213	4187408	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529	ALL	655221	4187432	2.21E-09	40YrCancel	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530	ALL	655229.1	4187455	2.20E-09	40YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531	ALL	655237.1	4187478	2.20E-09	40YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532	ALL	655245.2	4187502	2.19E-09	40YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533	ALL	655253.2	4187525	2.18E-09	40YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534	ALL	655261.3	4187548	2.18E-09	40YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3535	ALL	655269.4	4187571	2.17E-09	40YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536	ALL	655277.4	4187595	2.16E-09	40YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537	ALL	655285.5	4187618	2.16E-09	40YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538	ALL	655293.5	4187641	2.15E-09	40YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539	ALL	655301.6	4187665	2.14E-09	40YrCancel	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540	ALL	655309.6	4187688	2.13E-09	40YrCancel	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541	ALL	655317.7	4187711	2.12E-09	40YrCancel	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542	ALL	655325.7	4187734	2.10E-09	40YrCancel	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543	ALL	655333.8	4187758	2.08E-09	40YrCancel	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544	ALL	655341.9	4187781	2.06E-09	40YrCancel	2.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545	ALL	655349.9	4187804	2.04E-09	40YrCancel	2.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546	ALL	655358	4187828	2.01E-09	40YrCancel	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547	ALL	655366	4187851	1.99E-09	40YrCancel	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548	ALL	655374.1	4187874	1.96E-09	40YrCancel	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3549	ALL	655382.1	4187898	1.93E-09	40YrCancel	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550	ALL	655390.2	4187921	1.90E-09	40YrCancel	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3551	ALL	655398.3	4187944	1.88E-09	40YrCancel	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552	ALL	655406.3	4187967	1.85E-09	40YrCancel	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553	ALL	653861.1	4186278	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554	ALL	653836.3	4186278	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555	ALL	653811.5	4186277	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556	ALL	653786.8	4186276	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557	ALL	653762	4186276	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558	ALL	653737.2	4186275	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559	ALL	653890.2	4186039	9.59E-10	40YrCancel	9.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560	ALL	653912.6	4186049	9.77E-10	40YrCancel	9.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561	ALL	653934.9	4186059	9.95E-10	40YrCancel	9.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562	ALL	653957.3	4186069	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563	ALL	653979.7	4186080	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564	ALL	654002.1	4186090	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565	ALL	654024.5	4186100	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566	ALL	654046.9	4186111	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567	ALL	654069.3	4186121	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568	ALL	654091.7	4186131	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569	ALL	654114	4186141	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570	ALL	654136.4	4186152	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571	ALL	654158.8	4186162	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572	ALL	654181.2	4186172	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573	ALL	654203.6	4186182	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574	ALL	654226	4186193	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575	ALL	654248.4	4186203	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576	ALL	654270.8	4186213	1.23E-09	40YrCancel	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577	ALL	654293.2	4186224	1.25E-09	40YrCancel	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578	ALL	654315.5	4186234	1.26E-09	40YrCancel	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579	ALL	654337.9	4186244	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580	ALL	654360.3	4186254	1.30E-09	40YrCancel	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581	ALL	654382.7	4186265	1.31E-09	40YrCancel	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582	ALL	654405.1	4186275	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3583	ALL	654427.5	4186285	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584	ALL	654449.9	4186296	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585	ALL	654472.3	4186306	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586	ALL	654494.6	4186316	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587	ALL	654517	4186326	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588	ALL	654539.4	4186337	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589	ALL	654561.8	4186347	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590	ALL	654584.2	4186357	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591	ALL	654606.6	4186367	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592	ALL	654629	4186378	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593	ALL	654651.4	4186388	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594	ALL	654673.8	4186398	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595	ALL	654696.1	4186409	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596	ALL	654718.5	4186419	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597	ALL	654740.9	4186429	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598	ALL	654763.3	4186439	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3599	ALL	654785.7	4186450	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600	ALL	654808.1	4186460	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601	ALL	654830.5	4186470	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602	ALL	654852.9	4186481	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603	ALL	654875.2	4186491	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604	ALL	654897.6	4186501	1.38E-09	40YrCancel	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605	ALL	654920	4186511	1.39E-09	40YrCancel	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606	ALL	654942.4	4186522	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607	ALL	654964.8	4186532	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608	ALL	654987.2	4186542	1.42E-09	40YrCancel	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609	ALL	655009.6	4186553	1.42E-09	40YrCancel	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610	ALL	655032	4186563	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611	ALL	655054.4	4186573	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612	ALL	655076.7	4186583	1.44E-09	40YrCancel	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613	ALL	655099.1	4186594	1.44E-09	40YrCancel	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614	ALL	655121.5	4186604	1.44E-09	40YrCancel	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615	ALL	655143.9	4186614	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616	ALL	655166.3	4186624	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617	ALL	655196.7	4186658	1.45E-09	40YrCancel	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618	ALL	655204.8	4186681	1.47E-09	40YrCancel	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619	ALL	655212.8	4186705	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620	ALL	655220.9	4186728	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621	ALL	655228.9	4186751	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622	ALL	655237	4186774	1.55E-09	40YrCancel	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623	ALL	655245	4186798	1.57E-09	40YrCancel	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624	ALL	655253.1	4186821	1.59E-09	40YrCancel	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625	ALL	655261.1	4186844	1.60E-09	40YrCancel	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626	ALL	655269.2	4186868	1.62E-09	40YrCancel	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627	ALL	655277.3	4186891	1.64E-09	40YrCancel	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628	ALL	655285.3	4186914	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629	ALL	655293.4	4186937	1.67E-09	40YrCancel	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630	ALL	655301.4	4186961	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631	ALL	655309.5	4186984	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632	ALL	655317.5	4187007	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633	ALL	655325.6	4187031	1.73E-09	40YrCancel	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634	ALL	655333.6	4187054	1.74E-09	40YrCancel	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635	ALL	655341.7	4187077	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3636	ALL	655349.7	4187100	1.76E-09	40YrCancel	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637	ALL	655357.8	4187124	1.76E-09	40YrCancel	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638	ALL	655365.8	4187147	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3639	ALL	655373.9	4187170	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3640	ALL	655381.9	4187194	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL	655390	4187217	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL	655398	4187240	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL	655406.1	4187263	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL	655414.1	4187287	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL	655422.2	4187310	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL	655430.2	4187333	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3647	ALL	655438.3	4187356	1.76E-09	40YrCancel	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL	655446.3	4187380	1.76E-09	40YrCancel	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL	655454.4	4187403	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL	655462.4	4187426	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL	655470.5	4187450	1.74E-09	40YrCancel	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL	655478.5	4187473	1.74E-09	40YrCancel	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL	655486.6	4187496	1.73E-09	40YrCancel	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL	655494.6	4187519	1.73E-09	40YrCancel	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL	655502.7	4187543	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL	655510.8	4187566	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL	655518.8	4187589	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL	655526.9	4187613	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL	655534.9	4187636	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL	655543	4187659	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL	655551	4187682	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL	655559.1	4187706	1.67E-09	40YrCancel	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL	655567.1	4187729	1.66E-09	40YrCancel	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL	655575.2	4187752	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL	655583.2	4187776	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL	655591.3	4187799	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL	655599.3	4187822	1.60E-09	40YrCancel	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL	655607.4	4187845	1.58E-09	40YrCancel	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL	655615.4	4187869	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL	655623.5	4187892	1.54E-09	40YrCancel	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL	655631.5	4187915	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL	655639.6	4187939	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL	655647.6	4187962	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL	655655.7	4187985	1.47E-09	40YrCancel	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL	653867.8	4186028	9.42E-10	40YrCancel	9.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL	653843	4186028	9.34E-10	40YrCancel	9.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL	653818.2	4186027	9.26E-10	40YrCancel	9.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL	653793.4	4186026	9.19E-10	40YrCancel	9.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL	653768.7	4186026	9.13E-10	40YrCancel	9.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL	653743.9	4186025	9.08E-10	40YrCancel	9.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL	653903.5	4185539	6.49E-10	40YrCancel	6.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	653925.9	4185549	6.59E-10	40YrCancel	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	653948.2	4185559	6.68E-10	40YrCancel	6.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	653970.6	4185570	6.79E-10	40YrCancel	6.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	653993	4185580	6.89E-10	40YrCancel	6.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL	654015.4	4185590	7.00E-10	40YrCancel	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL	654037.7	4185600	7.11E-10	40YrCancel	7.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL	654060.1	4185611	7.22E-10	40YrCancel	7.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL	654082.5	4185621	7.33E-10	40YrCancel	7.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL	654104.8	4185631	7.44E-10	40YrCancel	7.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL	654127.2	4185641	7.54E-10	40YrCancel	7.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL	654149.6	4185652	7.63E-10	40YrCancel	7.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL	654172	4185662	7.72E-10	40YrCancel	7.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL	654194.3	4185672	7.80E-10	40YrCancel	7.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3695	ALL	654216.7	4185683	7.87E-10	40YrCancel	7.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	654239.1	4185693	7.94E-10	40YrCancel	7.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	654261.5	4185703	8.01E-10	40YrCancel	8.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	654283.8	4185713	8.07E-10	40YrCancel	8.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	654306.2	4185724	8.14E-10	40YrCancel	8.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	654328.6	4185734	8.22E-10	40YrCancel	8.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL	654350.9	4185744	8.29E-10	40YrCancel	8.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL	654373.3	4185754	8.37E-10	40YrCancel	8.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL	654395.7	4185765	8.45E-10	40YrCancel	8.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL	654418.1	4185775	8.54E-10	40YrCancel	8.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL	654440.4	4185785	8.62E-10	40YrCancel	8.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL	654462.8	4185796	8.71E-10	40YrCancel	8.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	654485.2	4185806	8.80E-10	40YrCancel	8.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	654507.5	4185816	8.88E-10	40YrCancel	8.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL	654529.9	4185826	8.97E-10	40YrCancel	8.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	654552.3	4185837	9.06E-10	40YrCancel	9.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	654574.7	4185847	9.14E-10	40YrCancel	9.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	654597	4185857	9.22E-10	40YrCancel	9.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	654619.4	4185867	9.29E-10	40YrCancel	9.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	654641.8	4185878	9.36E-10	40YrCancel	9.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL	654664.2	4185888	9.41E-10	40YrCancel	9.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	654686.5	4185898	9.44E-10	40YrCancel	9.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	654708.9	4185909	9.46E-10	40YrCancel	9.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	654731.3	4185919	9.47E-10	40YrCancel	9.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL	654753.6	4185929	9.46E-10	40YrCancel	9.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL	654776	4185939	9.44E-10	40YrCancel	9.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL	654798.4	4185950	9.41E-10	40YrCancel	9.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL	654820.8	4185960	9.38E-10	40YrCancel	9.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL	654843.1	4185970	9.34E-10	40YrCancel	9.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL	654865.5	4185980	9.30E-10	40YrCancel	9.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL	654887.9	4185991	9.26E-10	40YrCancel	9.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL	654910.2	4186001	9.22E-10	40YrCancel	9.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL	654932.6	4186011	9.18E-10	40YrCancel	9.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL	654955	4186021	9.15E-10	40YrCancel	9.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL	654977.4	4186032	9.14E-10	40YrCancel	9.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL	654999.7	4186042	9.13E-10	40YrCancel	9.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3731	ALL	655022.1	4186052	9.13E-10	40YrCancel	9.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732	ALL	655044.5	4186063	9.15E-10	40YrCancel	9.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733	ALL	655066.9	4186073	9.18E-10	40YrCancel	9.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734	ALL	655089.2	4186083	9.22E-10	40YrCancel	9.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735	ALL	655111.6	4186093	9.27E-10	40YrCancel	9.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736	ALL	655134	4186104	9.32E-10	40YrCancel	9.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3737	ALL	655156.3	4186114	9.38E-10	40YrCancel	9.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738	ALL	655178.7	4186124	9.44E-10	40YrCancel	9.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739	ALL	655201.1	4186134	9.50E-10	40YrCancel	9.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740	ALL	655223.5	4186145	9.55E-10	40YrCancel	9.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741	ALL	655245.8	4186155	9.61E-10	40YrCancel	9.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742	ALL	655268.2	4186165	9.66E-10	40YrCancel	9.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3743	ALL	655290.6	4186176	9.70E-10	40YrCancel	9.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744	ALL	655312.9	4186186	9.75E-10	40YrCancel	9.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745	ALL	655335.3	4186196	9.79E-10	40YrCancel	9.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746	ALL	655357.7	4186206	9.82E-10	40YrCancel	9.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747	ALL	655380.1	4186217	9.85E-10	40YrCancel	9.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748	ALL	655402.4	4186227	9.87E-10	40YrCancel	9.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749	ALL	655424.8	4186237	9.88E-10	40YrCancel	9.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750	ALL	655447.2	4186247	9.88E-10	40YrCancel	9.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3751	ALL	655469.5	4186258	9.87E-10	40YrCancel	9.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752	ALL	655491.9	4186268	9.86E-10	40YrCancel	9.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753	ALL	655514.3	4186278	9.85E-10	40YrCancel	9.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754	ALL	655536.7	4186289	9.83E-10	40YrCancel	9.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755	ALL	655567.1	4186322	9.92E-10	40YrCancel	9.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756	ALL	655575.1	4186345	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757	ALL	655583.2	4186369	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758	ALL	655591.2	4186392	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759	ALL	655599.3	4186415	1.04E-09	40YrCancel	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760	ALL	655607.3	4186438	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761	ALL	655615.4	4186462	1.06E-09	40YrCancel	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762	ALL	655623.4	4186485	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763	ALL	655631.5	4186508	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764	ALL	655639.5	4186531	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765	ALL	655647.5	4186555	1.10E-09	40YrCancel	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766	ALL	655655.6	4186578	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767	ALL	655663.6	4186601	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768	ALL	655671.7	4186625	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769	ALL	655679.7	4186648	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770	ALL	655687.8	4186671	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771	ALL	655695.8	4186694	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772	ALL	655703.9	4186718	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773	ALL	655711.9	4186741	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774	ALL	655720	4186764	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775	ALL	655728	4186787	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776	ALL	655736	4186811	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777	ALL	655744.1	4186834	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778	ALL	655752.1	4186857	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779	ALL	655760.2	4186880	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780	ALL	655768.2	4186904	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781	ALL	655776.3	4186927	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782	ALL	655784.3	4186950	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783	ALL	655792.4	4186974	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784	ALL	655800.4	4186997	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785	ALL	655808.5	4187020	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786	ALL	655816.5	4187043	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787	ALL	655824.6	4187067	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788	ALL	655832.6	4187090	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789	ALL	655840.6	4187113	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790	ALL	655848.7	4187136	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3791	ALL	655856.7	4187160	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792	ALL	655864.8	4187183	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793	ALL	655872.8	4187206	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794	ALL	655880.9	4187229	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795	ALL	655888.9	4187253	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796	ALL	655897	4187276	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797	ALL	655905	4187299	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798	ALL	655913.1	4187323	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799	ALL	655921.1	4187346	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800	ALL	655929.2	4187369	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801	ALL	655937.2	4187392	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802	ALL	655945.2	4187416	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803	ALL	655953.3	4187439	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804	ALL	655961.3	4187462	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805	ALL	655969.4	4187485	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806	ALL	655977.4	4187509	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3807	ALL	655985.5	4187532	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808	ALL	655993.5	4187555	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809	ALL	656001.6	4187578	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810	ALL	656009.6	4187602	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811	ALL	656017.7	4187625	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812	ALL	656025.7	4187648	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813	ALL	656033.8	4187671	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814	ALL	656041.8	4187695	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815	ALL	656049.8	4187718	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816	ALL	656057.9	4187741	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817	ALL	656065.9	4187765	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818	ALL	656074	4187788	1.10E-09	40YrCancel	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819	ALL	656082	4187811	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820	ALL	656090.1	4187834	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821	ALL	656098.1	4187858	1.06E-09	40YrCancel	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3822	ALL	656106.2	4187881	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823	ALL	656114.2	4187904	1.04E-09	40YrCancel	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824	ALL	656122.3	4187927	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825	ALL	656130.3	4187951	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826	ALL	656138.3	4187974	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827	ALL	656146.4	4187997	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828	ALL	656154.4	4188020	9.94E-10	40YrCancel	9.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829	ALL	653881.1	4185528	6.40E-10	40YrCancel	6.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830	ALL	653856.4	4185528	6.36E-10	40YrCancel	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831	ALL	653831.6	4185527	6.31E-10	40YrCancel	6.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832	ALL	653806.8	4185526	6.27E-10	40YrCancel	6.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833	ALL	653782	4185526	6.24E-10	40YrCancel	6.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834	ALL	653757.2	4185525	6.21E-10	40YrCancel	6.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835	ALL	653916.8	4185039	4.75E-10	40YrCancel	4.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836	ALL	653939.2	4185049	4.81E-10	40YrCancel	4.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837	ALL	653961.6	4185059	4.86E-10	40YrCancel	4.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3838	ALL	653983.9	4185070	4.92E-10	40YrCancel	4.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3839	ALL	654006.3	4185080	4.99E-10	40YrCancel	4.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840	ALL	654028.7	4185090	5.05E-10	40YrCancel	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841	ALL	654051	4185100	5.12E-10	40YrCancel	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842	ALL	654073.4	4185111	5.18E-10	40YrCancel	5.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843	ALL	654095.7	4185121	5.25E-10	40YrCancel	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844	ALL	654118.1	4185131	5.32E-10	40YrCancel	5.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845	ALL	654140.5	4185142	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846	ALL	654162.8	4185152	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847	ALL	654185.2	4185162	5.53E-10	40YrCancel	5.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848	ALL	654207.5	4185172	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849	ALL	654229.9	4185183	5.65E-10	40YrCancel	5.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850	ALL	654252.3	4185193	5.70E-10	40YrCancel	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851	ALL	654274.6	4185203	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852	ALL	654297	4185213	5.80E-10	40YrCancel	5.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853	ALL	654319.4	4185224	5.84E-10	40YrCancel	5.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854	ALL	654341.7	4185234	5.88E-10	40YrCancel	5.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855	ALL	654364.1	4185244	5.92E-10	40YrCancel	5.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856	ALL	654386.4	4185255	5.96E-10	40YrCancel	5.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857	ALL	654408.8	4185265	6.00E-10	40YrCancel	6.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858	ALL	654431.2	4185275	6.04E-10	40YrCancel	6.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859	ALL	654453.5	4185285	6.08E-10	40YrCancel	6.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860	ALL	654475.9	4185296	6.13E-10	40YrCancel	6.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861	ALL	654498.2	4185306	6.18E-10	40YrCancel	6.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862	ALL	654520.6	4185316	6.23E-10	40YrCancel	6.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3863	ALL	654543	4185326	6.28E-10	40YrCancel	6.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864	ALL	654565.3	4185337	6.34E-10	40YrCancel	6.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865	ALL	654587.7	4185347	6.39E-10	40YrCancel	6.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866	ALL	654610.1	4185357	6.44E-10	40YrCancel	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867	ALL	654632.4	4185367	6.49E-10	40YrCancel	6.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868	ALL	654654.8	4185378	6.55E-10	40YrCancel	6.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869	ALL	654677.1	4185388	6.60E-10	40YrCancel	6.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870	ALL	654699.5	4185398	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871	ALL	654721.9	4185409	6.71E-10	40YrCancel	6.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872	ALL	654744.2	4185419	6.77E-10	40YrCancel	6.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873	ALL	654766.6	4185429	6.82E-10	40YrCancel	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874	ALL	654788.9	4185439	6.87E-10	40YrCancel	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875	ALL	654811.3	4185450	6.91E-10	40YrCancel	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876	ALL	654833.7	4185460	6.95E-10	40YrCancel	6.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877	ALL	654856	4185470	6.98E-10	40YrCancel	6.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878	ALL	654878.4	4185480	7.00E-10	40YrCancel	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879	ALL	654900.8	4185491	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880	ALL	654923.1	4185501	7.02E-10	40YrCancel	7.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881	ALL	654945.5	4185511	7.02E-10	40YrCancel	7.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882	ALL	654967.8	4185521	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883	ALL	654990.2	4185532	6.99E-10	40YrCancel	6.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884	ALL	655012.6	4185542	6.97E-10	40YrCancel	6.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885	ALL	655034.9	4185552	6.94E-10	40YrCancel	6.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886	ALL	655057.3	4185563	6.92E-10	40YrCancel	6.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3887	ALL	655079.6	4185573	6.89E-10	40YrCancel	6.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888	ALL	655102	4185583	6.86E-10	40YrCancel	6.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889	ALL	655124.4	4185593	6.84E-10	40YrCancel	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890	ALL	655146.7	4185604	6.81E-10	40YrCancel	6.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891	ALL	655169.1	4185614	6.78E-10	40YrCancel	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892	ALL	655191.5	4185624	6.76E-10	40YrCancel	6.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893	ALL	655213.8	4185634	6.75E-10	40YrCancel	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894	ALL	655236.2	4185645	6.73E-10	40YrCancel	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895	ALL	655258.5	4185655	6.73E-10	40YrCancel	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896	ALL	655280.9	4185665	6.73E-10	40YrCancel	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897	ALL	655303.3	4185675	6.74E-10	40YrCancel	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898	ALL	655325.6	4185686	6.75E-10	40YrCancel	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899	ALL	655348	4185696	6.77E-10	40YrCancel	6.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900	ALL	655370.4	4185706	6.80E-10	40YrCancel	6.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901	ALL	655392.7	4185717	6.83E-10	40YrCancel	6.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902	ALL	655415.1	4185727	6.87E-10	40YrCancel	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903	ALL	655437.4	4185737	6.91E-10	40YrCancel	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904	ALL	655459.8	4185747	6.95E-10	40YrCancel	6.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905	ALL	655482.2	4185758	6.98E-10	40YrCancel	6.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906	ALL	655504.5	4185768	7.02E-10	40YrCancel	7.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907	ALL	655526.9	4185778	7.06E-10	40YrCancel	7.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908	ALL	655549.2	4185788	7.09E-10	40YrCancel	7.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909	ALL	655571.6	4185799	7.12E-10	40YrCancel	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910	ALL	655594	4185809	7.15E-10	40YrCancel	7.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911	ALL	655616.3	4185819	7.18E-10	40YrCancel	7.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912	ALL	655638.7	4185829	7.21E-10	40YrCancel	7.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3913	ALL	655661.1	4185840	7.24E-10	40YrCancel	7.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914	ALL	655683.4	4185850	7.26E-10	40YrCancel	7.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915	ALL	655705.8	4185860	7.28E-10	40YrCancel	7.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916	ALL	655728.1	4185871	7.29E-10	40YrCancel	7.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917	ALL	655750.5	4185881	7.30E-10	40YrCancel	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918	ALL	655772.9	4185891	7.30E-10	40YrCancel	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3919	ALL	655795.2	4185901	7.30E-10	40YrCancel	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920	ALL	655817.6	4185912	7.30E-10	40YrCancel	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921	ALL	655839.9	4185922	7.29E-10	40YrCancel	7.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922	ALL	655862.3	4185932	7.28E-10	40YrCancel	7.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923	ALL	655884.7	4185942	7.27E-10	40YrCancel	7.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924	ALL	655907	4185953	7.26E-10	40YrCancel	7.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925	ALL	655937.4	4185986	7.31E-10	40YrCancel	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926	ALL	655945.5	4186009	7.38E-10	40YrCancel	7.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927	ALL	655953.5	4186033	7.45E-10	40YrCancel	7.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928	ALL	655961.6	4186056	7.52E-10	40YrCancel	7.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929	ALL	655969.6	4186079	7.58E-10	40YrCancel	7.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930	ALL	655977.6	4186102	7.65E-10	40YrCancel	7.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931	ALL	655985.7	4186126	7.72E-10	40YrCancel	7.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932	ALL	655993.7	4186149	7.78E-10	40YrCancel	7.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933	ALL	656001.8	4186172	7.84E-10	40YrCancel	7.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934	ALL	656009.8	4186195	7.91E-10	40YrCancel	7.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3935	ALL	656017.9	4186219	7.97E-10	40YrCancel	7.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936	ALL	656025.9	4186242	8.02E-10	40YrCancel	8.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937	ALL	656033.9	4186265	8.08E-10	40YrCancel	8.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938	ALL	656042	4186288	8.14E-10	40YrCancel	8.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3939	ALL	656050	4186312	8.19E-10	40YrCancel	8.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940	ALL	656058.1	4186335	8.25E-10	40YrCancel	8.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941	ALL	656066.1	4186358	8.31E-10	40YrCancel	8.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942	ALL	656074.2	4186382	8.36E-10	40YrCancel	8.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943	ALL	656082.2	4186405	8.42E-10	40YrCancel	8.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944	ALL	656090.2	4186428	8.48E-10	40YrCancel	8.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945	ALL	656098.3	4186451	8.53E-10	40YrCancel	8.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946	ALL	656106.3	4186475	8.59E-10	40YrCancel	8.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947	ALL	656114.4	4186498	8.64E-10	40YrCancel	8.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948	ALL	656122.4	4186521	8.68E-10	40YrCancel	8.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949	ALL	656130.4	4186544	8.73E-10	40YrCancel	8.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950	ALL	656138.5	4186568	8.76E-10	40YrCancel	8.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951	ALL	656146.5	4186591	8.80E-10	40YrCancel	8.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952	ALL	656154.6	4186614	8.83E-10	40YrCancel	8.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953	ALL	656162.6	4186637	8.86E-10	40YrCancel	8.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954	ALL	656170.7	4186661	8.89E-10	40YrCancel	8.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955	ALL	656178.7	4186684	8.92E-10	40YrCancel	8.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956	ALL	656186.7	4186707	8.95E-10	40YrCancel	8.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957	ALL	656194.8	4186730	8.97E-10	40YrCancel	8.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958	ALL	656202.8	4186754	8.99E-10	40YrCancel	8.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959	ALL	656210.9	4186777	9.01E-10	40YrCancel	9.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960	ALL	656218.9	4186800	9.03E-10	40YrCancel	9.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961	ALL	656227	4186823	9.04E-10	40YrCancel	9.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962	ALL	656235	4186847	9.04E-10	40YrCancel	9.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963	ALL	656243	4186870	9.04E-10	40YrCancel	9.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964	ALL	656251.1	4186893	9.03E-10	40YrCancel	9.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965	ALL	656259.1	4186916	9.01E-10	40YrCancel	9.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966	ALL	656267.2	4186940	9.00E-10	40YrCancel	9.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967	ALL	656275.2	4186963	8.98E-10	40YrCancel	8.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968	ALL	656283.3	4186986	8.96E-10	40YrCancel	8.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969	ALL	656291.3	4187009	8.94E-10	40YrCancel	8.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970	ALL	656299.3	4187033	8.92E-10	40YrCancel	8.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971	ALL	656307.4	4187056	8.90E-10	40YrCancel	8.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972	ALL	656315.4	4187079	8.88E-10	40YrCancel	8.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973	ALL	656323.5	4187102	8.86E-10	40YrCancel	8.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974	ALL	656331.5	4187126	8.84E-10	40YrCancel	8.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3975	ALL	656339.5	4187149	8.83E-10	40YrCancel	8.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3976	ALL	656347.6	4187172	8.81E-10	40YrCancel	8.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3977	ALL	656355.6	4187195	8.79E-10	40YrCancel	8.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3978	ALL	656363.7	4187219	8.78E-10	40YrCancel	8.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3979	ALL	656371.7	4187242	8.76E-10	40YrCancel	8.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3980	ALL	656379.8	4187265	8.75E-10	40YrCancel	8.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3981	ALL	656387.8	4187288	8.73E-10	40YrCancel	8.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3982	ALL	656395.8	4187312	8.72E-10	40YrCancel	8.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3983	ALL	656403.9	4187335	8.71E-10	40YrCancel	8.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3984	ALL	656411.9	4187358	8.70E-10	40YrCancel	8.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3985	ALL	656420	4187381	8.69E-10	40YrCancel	8.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3986	ALL	656428	4187405	8.68E-10	40YrCancel	8.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3987	ALL	656436.1	4187428	8.67E-10	40YrCancel	8.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3988	ALL	656444.1	4187451	8.65E-10	40YrCancel	8.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3989	ALL	656452.1	4187474	8.63E-10	40YrCancel	8.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3990	ALL	656460.2	4187498	8.61E-10	40YrCancel	8.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3991	ALL	656468.2	4187521	8.59E-10	40YrCancel	8.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3992	ALL	656476.3	4187544	8.56E-10	40YrCancel	8.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3993	ALL	656484.3	4187567	8.52E-10	40YrCancel	8.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3994	ALL	656492.3	4187591	8.49E-10	40YrCancel	8.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3995	ALL	656500.4	4187614	8.44E-10	40YrCancel	8.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3996	ALL	656508.4	4187637	8.40E-10	40YrCancel	8.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3997	ALL	656516.5	4187661	8.34E-10	40YrCancel	8.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3998	ALL	656524.5	4187684	8.29E-10	40YrCancel	8.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3999	ALL	656532.6	4187707	8.23E-10	40YrCancel	8.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4000	ALL	656540.6	4187730	8.16E-10	40YrCancel	8.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4001	ALL	656548.6	4187754	8.09E-10	40YrCancel	8.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	ALL	656556.7	4187777	8.03E-10	40YrCancel	8.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	ALL	656564.7	4187800	7.96E-10	40YrCancel	7.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4004	ALL	656572.8	4187823	7.89E-10	40YrCancel	7.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	ALL	656580.8	4187847	7.82E-10	40YrCancel	7.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	ALL	656588.9	4187870	7.75E-10	40YrCancel	7.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	ALL	656596.9	4187893	7.68E-10	40YrCancel	7.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	ALL	656604.9	4187916	7.62E-10	40YrCancel	7.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	ALL	656613	4187940	7.55E-10	40YrCancel	7.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4010	ALL	656621	4187963	7.49E-10	40YrCancel	7.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4011	ALL	656629.1	4187986	7.43E-10	40YrCancel	7.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4012	ALL	656637.1	4188009	7.38E-10	40YrCancel	7.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4013	ALL	656645.2	4188033	7.32E-10	40YrCancel	7.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4014	ALL	656653.2	4188056	7.27E-10	40YrCancel	7.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4015	ALL	653894.5	4185029	4.70E-10	40YrCancel	4.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4016	ALL	653869.7	4185028	4.67E-10	40YrCancel	4.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4017	ALL	653844.9	4185027	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4018	ALL	653820.1	4185027	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4019	ALL	653795.4	4185026	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4020	ALL	653770.6	4185025	4.57E-10	40YrCancel	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4021	ALL	653930.2	4184539	3.66E-10	40YrCancel	3.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4022	ALL	653952.5	4184549	3.69E-10	40YrCancel	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4023	ALL	653974.9	4184560	3.73E-10	40YrCancel	3.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4024	ALL	653997.3	4184570	3.77E-10	40YrCancel	3.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4025	ALL	654019.6	4184580	3.81E-10	40YrCancel	3.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4026	ALL	654042	4184590	3.85E-10	40YrCancel	3.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4027	ALL	654064.3	4184601	3.89E-10	40YrCancel	3.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4028	ALL	654086.7	4184611	3.94E-10	40YrCancel	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4029	ALL	654109	4184621	3.98E-10	40YrCancel	3.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4030	ALL	654131.4	4184631	4.03E-10	40YrCancel	4.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4031	ALL	654153.7	4184642	4.07E-10	40YrCancel	4.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4032	ALL	654176.1	4184652	4.12E-10	40YrCancel	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4033	ALL	654198.4	4184662	4.17E-10	40YrCancel	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4034	ALL	654220.8	4184672	4.21E-10	40YrCancel	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4035	ALL	654243.2	4184683	4.26E-10	40YrCancel	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4036	ALL	654265.5	4184693	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4037	ALL	654287.9	4184703	4.35E-10	40YrCancel	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4038	ALL	654310.2	4184714	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4039	ALL	654332.6	4184724	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4040	ALL	654354.9	4184734	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4041	ALL	654377.3	4184744	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4042	ALL	654399.6	4184755	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4043	ALL	654422	4184765	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4044	ALL	654444.3	4184775	4.57E-10	40YrCancel	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4045	ALL	654466.7	4184785	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4046	ALL	654489	4184796	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4047	ALL	654511.4	4184806	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4048	ALL	654533.8	4184816	4.66E-10	40YrCancel	4.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4049	ALL	654556.1	4184826	4.69E-10	40YrCancel	4.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4050	ALL	654578.5	4184837	4.72E-10	40YrCancel	4.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4051	ALL	654600.8	4184847	4.76E-10	40YrCancel	4.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4052	ALL	654623.2	4184857	4.79E-10	40YrCancel	4.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4053	ALL	654645.5	4184868	4.82E-10	40YrCancel	4.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4054	ALL	654667.9	4184878	4.86E-10	40YrCancel	4.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4055	ALL	654690.2	4184888	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4056	ALL	654712.6	4184898	4.93E-10	40YrCancel	4.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4057	ALL	654734.9	4184909	4.96E-10	40YrCancel	4.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4058	ALL	654757.3	4184919	5.00E-10	40YrCancel	5.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4059	ALL	654779.7	4184929	5.03E-10	40YrCancel	5.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4060	ALL	654802	4184939	5.07E-10	40YrCancel	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4061	ALL	654824.4	4184950	5.10E-10	40YrCancel	5.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4062	ALL	654846.7	4184960	5.14E-10	40YrCancel	5.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4063	ALL	654869.1	4184970	5.18E-10	40YrCancel	5.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4064	ALL	654891.4	4184980	5.22E-10	40YrCancel	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4065	ALL	654913.8	4184991	5.26E-10	40YrCancel	5.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4066	ALL	654936.1	4185001	5.29E-10	40YrCancel	5.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4067	ALL	654958.5	4185011	5.33E-10	40YrCancel	5.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4068	ALL	654980.8	4185021	5.36E-10	40YrCancel	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4069	ALL	655003.2	4185032	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4070	ALL	655025.6	4185042	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4071	ALL	655047.9	4185052	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4072	ALL	655070.3	4185063	5.45E-10	40YrCancel	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4073	ALL	655092.6	4185073	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4074	ALL	655115	4185083	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4075	ALL	655137.3	4185093	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4076	ALL	655159.7	4185104	5.45E-10	40YrCancel	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4077	ALL	655182	4185114	5.44E-10	40YrCancel	5.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4078	ALL	655204.4	4185124	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4079	ALL	655226.7	4185134	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4080	ALL	655249.1	4185145	5.40E-10	40YrCancel	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4081	ALL	655271.4	4185155	5.38E-10	40YrCancel	5.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4082	ALL	655293.8	4185165	5.36E-10	40YrCancel	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4083	ALL	655316.2	4185175	5.34E-10	40YrCancel	5.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4084	ALL	655338.5	4185186	5.32E-10	40YrCancel	5.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4085	ALL	655360.9	4185196	5.30E-10	40YrCancel	5.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4086	ALL	655383.2	4185206	5.28E-10	40YrCancel	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4087	ALL	655405.6	4185216	5.27E-10	40YrCancel	5.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4088	ALL	655427.9	4185227	5.25E-10	40YrCancel	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4089	ALL	655450.3	4185237	5.24E-10	40YrCancel	5.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4090	ALL	655472.6	4185247	5.22E-10	40YrCancel	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4091	ALL	655495	4185258	5.22E-10	40YrCancel	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4092	ALL	655517.3	4185268	5.21E-10	40YrCancel	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4093	ALL	655539.7	4185278	5.21E-10	40YrCancel	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4094	ALL	655562.1	4185288	5.22E-10	40YrCancel	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4095	ALL	655584.4	4185299	5.22E-10	40YrCancel	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4096	ALL	655606.8	4185309	5.24E-10	40YrCancel	5.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4097	ALL	655629.1	4185319	5.25E-10	40YrCancel	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4098	ALL	655651.5	4185329	5.27E-10	40YrCancel	5.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4099	ALL	655673.8	4185340	5.30E-10	40YrCancel	5.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4100	ALL	655696.2	4185350	5.32E-10	40YrCancel	5.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4101	ALL	655718.5	4185360	5.35E-10	40YrCancel	5.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4102	ALL	655740.9	4185370	5.37E-10	40YrCancel	5.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4103	ALL	655763.2	4185381	5.40E-10	40YrCancel	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4104	ALL	655785.6	4185391	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4105	ALL	655808	4185401	5.45E-10	40YrCancel	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4106	ALL	655830.3	4185411	5.47E-10	40YrCancel	5.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4107	ALL	655852.7	4185422	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4108	ALL	655875	4185432	5.52E-10	40YrCancel	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4109	ALL	655897.4	4185442	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4110	ALL	655919.7	4185453	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4111	ALL	655942.1	4185463	5.58E-10	40YrCancel	5.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4112	ALL	655964.4	4185473	5.60E-10	40YrCancel	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4113	ALL	655986.8	4185483	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4114	ALL	656009.1	4185494	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4115	ALL	656031.5	4185504	5.65E-10	40YrCancel	5.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4116	ALL	656053.9	4185514	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4117	ALL	656076.2	4185524	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4118	ALL	656098.6	4185535	5.67E-10	40YrCancel	5.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4119	ALL	656120.9	4185545	5.67E-10	40YrCancel	5.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4120	ALL	656143.3	4185555	5.67E-10	40YrCancel	5.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4121	ALL	656165.6	4185565	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4122	ALL	656188	4185576	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4123	ALL	656210.3	4185586	5.65E-10	40YrCancel	5.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4124	ALL	656232.7	4185596	5.64E-10	40YrCancel	5.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4125	ALL	656255	4185606	5.64E-10	40YrCancel	5.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4126	ALL	656277.4	4185617	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4127	ALL	656307.8	4185650	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4128	ALL	656315.8	4185674	5.71E-10	40YrCancel	5.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4129	ALL	656323.9	4185697	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4130	ALL	656331.9	4185720	5.80E-10	40YrCancel	5.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4131	ALL	656339.9	4185743	5.85E-10	40YrCancel	5.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4132	ALL	656348	4185766	5.89E-10	40YrCancel	5.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4133	ALL	656356	4185790	5.93E-10	40YrCancel	5.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4134	ALL	656364.1	4185813	5.98E-10	40YrCancel	5.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4135	ALL	656372.1	4185836	6.02E-10	40YrCancel	6.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4136	ALL	656380.1	4185859	6.06E-10	40YrCancel	6.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4137	ALL	656388.2	4185883	6.10E-10	40YrCancel	6.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4138	ALL	656396.2	4185906	6.14E-10	40YrCancel	6.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4139	ALL	656404.3	4185929	6.18E-10	40YrCancel	6.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4140	ALL	656412.3	4185952	6.22E-10	40YrCancel	6.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4141	ALL	656420.3	4185976	6.25E-10	40YrCancel	6.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4142	ALL	656428.4	4185999	6.29E-10	40YrCancel	6.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4143	ALL	656436.4	4186022	6.33E-10	40YrCancel	6.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4144	ALL	656444.5	4186045	6.36E-10	40YrCancel	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4145	ALL	656452.5	4186069	6.40E-10	40YrCancel	6.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4146	ALL	656460.5	4186092	6.44E-10	40YrCancel	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4147	ALL	656468.6	4186115	6.48E-10	40YrCancel	6.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4148	ALL	656476.6	4186138	6.52E-10	40YrCancel	6.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4149	ALL	656484.7	4186162	6.56E-10	40YrCancel	6.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4150	ALL	656492.7	4186185	6.59E-10	40YrCancel	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4151	ALL	656500.7	4186208	6.63E-10	40YrCancel	6.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4152	ALL	656508.8	4186231	6.67E-10	40YrCancel	6.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4153	ALL	656516.8	4186255	6.70E-10	40YrCancel	6.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4154	ALL	656524.9	4186278	6.73E-10	40YrCancel	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4155	ALL	656532.9	4186301	6.76E-10	40YrCancel	6.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4156	ALL	656540.9	4186324	6.78E-10	40YrCancel	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4157	ALL	656549	4186348	6.81E-10	40YrCancel	6.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4158	ALL	656557	4186371	6.83E-10	40YrCancel	6.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4159	ALL	656565.1	4186394	6.85E-10	40YrCancel	6.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4160	ALL	656573.1	4186417	6.87E-10	40YrCancel	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4161	ALL	656581.1	4186441	6.89E-10	40YrCancel	6.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4162	ALL	656589.2	4186464	6.91E-10	40YrCancel	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4163	ALL	656597.2	4186487	6.93E-10	40YrCancel	6.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4164	ALL	656605.3	4186510	6.95E-10	40YrCancel	6.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4165	ALL	656613.3	4186534	6.96E-10	40YrCancel	6.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4166	ALL	656621.3	4186557	6.98E-10	40YrCancel	6.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4167	ALL	656629.4	4186580	6.99E-10	40YrCancel	6.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4168	ALL	656637.4	4186603	7.00E-10	40YrCancel	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4169	ALL	656645.5	4186627	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4170	ALL	656653.5	4186650	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4171	ALL	656661.5	4186673	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4172	ALL	656669.6	4186696	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4173	ALL	656677.6	4186720	7.00E-10	40YrCancel	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4174	ALL	656685.6	4186743	6.99E-10	40YrCancel	6.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4175	ALL	656693.7	4186766	6.97E-10	40YrCancel	6.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4176	ALL	656701.7	4186789	6.96E-10	40YrCancel	6.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4177	ALL	656709.8	4186813	6.94E-10	40YrCancel	6.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4178	ALL	656717.8	4186836	6.93E-10	40YrCancel	6.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4179	ALL	656725.8	4186859	6.91E-10	40YrCancel	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4180	ALL	656733.9	4186882	6.90E-10	40YrCancel	6.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4181	ALL	656741.9	4186906	6.89E-10	40YrCancel	6.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4182	ALL	656750	4186929	6.87E-10	40YrCancel	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4183	ALL	656758	4186952	6.86E-10	40YrCancel	6.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4184	ALL	656766	4186975	6.85E-10	40YrCancel	6.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4185	ALL	656774.1	4186999	6.84E-10	40YrCancel	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4186	ALL	656782.1	4187022	6.82E-10	40YrCancel	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4187	ALL	656790.2	4187045	6.81E-10	40YrCancel	6.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4188	ALL	656798.2	4187068	6.80E-10	40YrCancel	6.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4189	ALL	656806.2	4187092	6.79E-10	40YrCancel	6.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4190	ALL	656814.3	4187115	6.78E-10	40YrCancel	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4191	ALL	656822.3	4187138	6.77E-10	40YrCancel	6.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4192	ALL	656830.4	4187161	6.76E-10	40YrCancel	6.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4193	ALL	656838.4	4187185	6.75E-10	40YrCancel	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4194	ALL	656846.4	4187208	6.75E-10	40YrCancel	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4195	ALL	656854.5	4187231	6.74E-10	40YrCancel	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4196	ALL	656862.5	4187254	6.74E-10	40YrCancel	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4197	ALL	656870.6	4187278	6.73E-10	40YrCancel	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4198	ALL	656878.6	4187301	6.72E-10	40YrCancel	6.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4199	ALL	656886.6	4187324	6.72E-10	40YrCancel	6.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4200	ALL	656894.7	4187347	6.71E-10	40YrCancel	6.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4201	ALL	656902.7	4187371	6.70E-10	40YrCancel	6.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4202	ALL	656910.8	4187394	6.69E-10	40YrCancel	6.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4203	ALL	656918.8	4187417	6.68E-10	40YrCancel	6.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4204	ALL	656926.8	4187440	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4205	ALL	656934.9	4187464	6.64E-10	40YrCancel	6.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4206	ALL	656942.9	4187487	6.62E-10	40YrCancel	6.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4207	ALL	656951	4187510	6.60E-10	40YrCancel	6.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4208	ALL	656959	4187533	6.58E-10	40YrCancel	6.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4209	ALL	656967	4187557	6.55E-10	40YrCancel	6.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4210	ALL	656975.1	4187580	6.52E-10	40YrCancel	6.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4211	ALL	656983.1	4187603	6.48E-10	40YrCancel	6.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4212	ALL	656991.2	4187626	6.44E-10	40YrCancel	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4213	ALL	656999.2	4187649	6.40E-10	40YrCancel	6.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4214	ALL	657007.2	4187673	6.36E-10	40YrCancel	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4215	ALL	657015.3	4187696	6.32E-10	40YrCancel	6.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4216	ALL	657023.3	4187719	6.27E-10	40YrCancel	6.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4217	ALL	657031.4	4187742	6.23E-10	40YrCancel	6.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4218	ALL	657039.4	4187766	6.18E-10	40YrCancel	6.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4219	ALL	657047.4	4187789	6.13E-10	40YrCancel	6.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4220	ALL	657055.5	4187812	6.08E-10	40YrCancel	6.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4221	ALL	657063.5	4187835	6.04E-10	40YrCancel	6.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4222	ALL	657071.5	4187859	5.99E-10	40YrCancel	5.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4223	ALL	657079.6	4187882	5.94E-10	40YrCancel	5.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4224	ALL	657087.6	4187905	5.90E-10	40YrCancel	5.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4225	ALL	657095.7	4187928	5.86E-10	40YrCancel	5.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4226	ALL	657103.7	4187952	5.81E-10	40YrCancel	5.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4227	ALL	657111.7	4187975	5.77E-10	40YrCancel	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4228	ALL	657119.8	4187998	5.74E-10	40YrCancel	5.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4229	ALL	657127.8	4188021	5.70E-10	40YrCancel	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4230	ALL	657135.9	4188045	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4231	ALL	657143.9	4188068	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4232	ALL	657151.9	4188091	5.60E-10	40YrCancel	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4233	ALL	653907.8	4184529	3.62E-10	40YrCancel	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4234	ALL	653883.1	4184528	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4235	ALL	653858.3	4184527	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4236	ALL	653833.5	4184527	3.56E-10	40YrCancel	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4237	ALL	653808.7	4184526	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4238	ALL	653783.9	4184525	3.53E-10	40YrCancel	3.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4239	ALL	653943.5	4184039	2.92E-10	40YrCancel	2.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4240	ALL	653965.9	4184050	2.94E-10	40YrCancel	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4241	ALL	653988.2	4184060	2.97E-10	40YrCancel	2.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4242	ALL	654010.6	4184070	3.00E-10	40YrCancel	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4243	ALL	654032.9	4184080	3.02E-10	40YrCancel	3.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4244	ALL	654055.3	4184091	3.05E-10	40YrCancel	3.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4245	ALL	654077.6	4184101	3.08E-10	40YrCancel	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4246	ALL	654100	4184111	3.11E-10	40YrCancel	3.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4247	ALL	654122.3	4184121	3.14E-10	40YrCancel	3.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4248	ALL	654144.7	4184132	3.17E-10	40YrCancel	3.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4249	ALL	654167	4184142	3.21E-10	40YrCancel	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4250	ALL	654189.4	4184152	3.24E-10	40YrCancel	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4251	ALL	654211.7	4184162	3.27E-10	40YrCancel	3.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4252	ALL	654234.1	4184173	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4253	ALL	654256.4	4184183	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4254	ALL	654278.8	4184193	3.37E-10	40YrCancel	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4255	ALL	654301.1	4184203	3.40E-10	40YrCancel	3.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4256	ALL	654323.5	4184214	3.44E-10	40YrCancel	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4257	ALL	654345.8	4184224	3.47E-10	40YrCancel	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4258	ALL	654368.2	4184234	3.50E-10	40YrCancel	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4259	ALL	654390.5	4184244	3.52E-10	40YrCancel	3.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4260	ALL	654412.9	4184255	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4261	ALL	654435.2	4184265	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4262	ALL	654457.6	4184275	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4263	ALL	654479.9	4184286	3.62E-10	40YrCancel	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4264	ALL	654502.3	4184296	3.63E-10	40YrCancel	3.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4265	ALL	654524.6	4184306	3.65E-10	40YrCancel	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4266	ALL	654547	4184316	3.67E-10	40YrCancel	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4267	ALL	654569.3	4184327	3.68E-10	40YrCancel	3.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4268	ALL	654591.7	4184337	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4269	ALL	654614	4184347	3.72E-10	40YrCancel	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4270	ALL	654636.4	4184357	3.74E-10	40YrCancel	3.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4271	ALL	654658.7	4184368	3.75E-10	40YrCancel	3.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4272	ALL	654681.1	4184378	3.77E-10	40YrCancel	3.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4273	ALL	654703.4	4184388	3.80E-10	40YrCancel	3.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4274	ALL	654725.8	4184398	3.82E-10	40YrCancel	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4275	ALL	654748.1	4184409	3.84E-10	40YrCancel	3.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4276	ALL	654770.4	4184419	3.87E-10	40YrCancel	3.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4277	ALL	654792.8	4184429	3.89E-10	40YrCancel	3.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4278	ALL	654815.1	4184439	3.92E-10	40YrCancel	3.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4279	ALL	654837.5	4184450	3.94E-10	40YrCancel	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4280	ALL	654859.8	4184460	3.97E-10	40YrCancel	3.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4281	ALL	654882.2	4184470	3.99E-10	40YrCancel	3.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4282	ALL	654904.5	4184480	4.02E-10	40YrCancel	4.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4283	ALL	654926.9	4184491	4.04E-10	40YrCancel	4.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4284	ALL	654949.2	4184501	4.06E-10	40YrCancel	4.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4285	ALL	654971.6	4184511	4.09E-10	40YrCancel	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4286	ALL	654993.9	4184522	4.12E-10	40YrCancel	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4287	ALL	655016.3	4184532	4.14E-10	40YrCancel	4.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4288	ALL	655038.6	4184542	4.17E-10	40YrCancel	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4289	ALL	655061	4184552	4.20E-10	40YrCancel	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4290	ALL	655083.3	4184563	4.23E-10	40YrCancel	4.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4291	ALL	655105.7	4184573	4.25E-10	40YrCancel	4.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4292	ALL	655128	4184583	4.28E-10	40YrCancel	4.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4293	ALL	655150.4	4184593	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4294	ALL	655172.7	4184604	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4295	ALL	655195.1	4184614	4.35E-10	40YrCancel	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4296	ALL	655217.4	4184624	4.36E-10	40YrCancel	4.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4297	ALL	655239.8	4184634	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4298	ALL	655262.1	4184645	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4299	ALL	655284.5	4184655	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4300	ALL	655306.8	4184665	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4301	ALL	655329.2	4184675	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4302	ALL	655351.5	4184686	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4303	ALL	655373.9	4184696	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4304	ALL	655396.2	4184706	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4305	ALL	655418.6	4184716	4.37E-10	40YrCancel	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4306	ALL	655440.9	4184727	4.35E-10	40YrCancel	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4307	ALL	655463.3	4184737	4.34E-10	40YrCancel	4.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4308	ALL	655485.6	4184747	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4309	ALL	655508	4184758	4.31E-10	40YrCancel	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4310	ALL	655530.3	4184768	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4311	ALL	655552.7	4184778	4.29E-10	40YrCancel	4.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4312	ALL	655575	4184788	4.27E-10	40YrCancel	4.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4313	ALL	655597.4	4184799	4.26E-10	40YrCancel	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4314	ALL	655619.7	4184809	4.25E-10	40YrCancel	4.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4315	ALL	655642.1	4184819	4.23E-10	40YrCancel	4.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4316	ALL	655664.4	4184829	4.22E-10	40YrCancel	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4317	ALL	655686.8	4184840	4.21E-10	40YrCancel	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4318	ALL	655709.1	4184850	4.20E-10	40YrCancel	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4319	ALL	655731.5	4184860	4.19E-10	40YrCancel	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4320	ALL	655753.8	4184870	4.19E-10	40YrCancel	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4321	ALL	655776.1	4184881	4.18E-10	40YrCancel	4.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4322	ALL	655798.5	4184891	4.18E-10	40YrCancel	4.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4323	ALL	655820.8	4184901	4.19E-10	40YrCancel	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4324	ALL	655843.2	4184911	4.19E-10	40YrCancel	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4325	ALL	655865.5	4184922	4.20E-10	40YrCancel	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4326	ALL	655887.9	4184932	4.21E-10	40YrCancel	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4327	ALL	655910.2	4184942	4.22E-10	40YrCancel	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4328	ALL	655932.6	4184952	4.24E-10	40YrCancel	4.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4329	ALL	655954.9	4184963	4.26E-10	40YrCancel	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4330	ALL	655977.3	4184973	4.27E-10	40YrCancel	4.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4331	ALL	655999.6	4184983	4.29E-10	40YrCancel	4.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4332	ALL	656022	4184994	4.31E-10	40YrCancel	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4333	ALL	656044.3	4185004	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4334	ALL	656066.7	4185014	4.35E-10	40YrCancel	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4335	ALL	656089	4185024	4.37E-10	40YrCancel	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4336	ALL	656111.4	4185035	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4337	ALL	656133.7	4185045	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4338	ALL	656156.1	4185055	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4339	ALL	656178.4	4185065	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4340	ALL	656200.8	4185076	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4341	ALL	656223.1	4185086	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4342	ALL	656245.5	4185096	4.48E-10	40YrCancel	4.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4343	ALL	656267.8	4185106	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4344	ALL	656290.2	4185117	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4345	ALL	656312.5	4185127	4.52E-10	40YrCancel	4.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4346	ALL	656334.9	4185137	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4347	ALL	656357.2	4185147	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4348	ALL	656379.6	4185158	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4349	ALL	656401.9	4185168	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4350	ALL	656424.3	4185178	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4351	ALL	656446.6	4185188	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4352	ALL	656469	4185199	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4353	ALL	656491.3	4185209	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4354	ALL	656513.7	4185219	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4355	ALL	656536	4185230	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4356	ALL	656558.4	4185240	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4357	ALL	656580.7	4185250	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4358	ALL	656603.1	4185260	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4359	ALL	656625.4	4185271	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4360	ALL	656647.8	4185281	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4361	ALL	656678.1	4185314	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4362	ALL	656686.2	4185338	4.58E-10	40YrCancel	4.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4363	ALL	656694.2	4185361	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4364	ALL	656702.3	4185384	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4365	ALL	656710.3	4185407	4.68E-10	40YrCancel	4.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4366	ALL	656718.3	4185431	4.71E-10	40YrCancel	4.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4367	ALL	656726.4	4185454	4.74E-10	40YrCancel	4.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4368	ALL	656734.4	4185477	4.77E-10	40YrCancel	4.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4369	ALL	656742.4	4185500	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4370	ALL	656750.5	4185524	4.83E-10	40YrCancel	4.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4371	ALL	656758.5	4185547	4.86E-10	40YrCancel	4.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4372	ALL	656766.6	4185570	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4373	ALL	656774.6	4185593	4.92E-10	40YrCancel	4.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4374	ALL	656782.6	4185616	4.94E-10	40YrCancel	4.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4375	ALL	656790.7	4185640	4.97E-10	40YrCancel	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4376	ALL	656798.7	4185663	5.00E-10	40YrCancel	5.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4377	ALL	656806.7	4185686	5.02E-10	40YrCancel	5.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4378	ALL	656814.8	4185709	5.05E-10	40YrCancel	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4379	ALL	656822.8	4185733	5.07E-10	40YrCancel	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4380	ALL	656830.9	4185756	5.10E-10	40YrCancel	5.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4381	ALL	656838.9	4185779	5.12E-10	40YrCancel	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4382	ALL	656846.9	4185802	5.15E-10	40YrCancel	5.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4383	ALL	656855	4185826	5.18E-10	40YrCancel	5.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4384	ALL	656863	4185849	5.20E-10	40YrCancel	5.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4385	ALL	656871	4185872	5.23E-10	40YrCancel	5.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4386	ALL	656879.1	4185895	5.26E-10	40YrCancel	5.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4387	ALL	656887.1	4185919	5.28E-10	40YrCancel	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4388	ALL	656895.2	4185942	5.31E-10	40YrCancel	5.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4389	ALL	656903.2	4185965	5.34E-10	40YrCancel	5.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4390	ALL	656911.2	4185988	5.36E-10	40YrCancel	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4391	ALL	656919.3	4186012	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4392	ALL	656927.3	4186035	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4393	ALL	656935.3	4186058	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4394	ALL	656943.4	4186081	5.44E-10	40YrCancel	5.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4395	ALL	656951.4	4186105	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4396	ALL	656959.5	4186128	5.48E-10	40YrCancel	5.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4397	ALL	656967.5	4186151	5.49E-10	40YrCancel	5.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4398	ALL	656975.5	4186174	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4399	ALL	656983.6	4186198	5.52E-10	40YrCancel	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4400	ALL	656991.6	4186221	5.53E-10	40YrCancel	5.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4401	ALL	656999.6	4186244	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4402	ALL	657007.7	4186267	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4403	ALL	657015.7	4186290	5.58E-10	40YrCancel	5.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4404	ALL	657023.8	4186314	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4405	ALL	657031.8	4186337	5.60E-10	40YrCancel	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4406	ALL	657039.8	4186360	5.61E-10	40YrCancel	5.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4407	ALL	657047.9	4186383	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4408	ALL	657055.9	4186407	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4409	ALL	657063.9	4186430	5.64E-10	40YrCancel	5.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4410	ALL	657072	4186453	5.64E-10	40YrCancel	5.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4411	ALL	657080	4186476	5.64E-10	40YrCancel	5.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4412	ALL	657088.1	4186500	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4413	ALL	657096.1	4186523	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4414	ALL	657104.1	4186546	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4415	ALL	657112.2	4186569	5.61E-10	40YrCancel	5.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4416	ALL	657120.2	4186593	5.60E-10	40YrCancel	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4417	ALL	657128.2	4186616	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4418	ALL	657136.3	4186639	5.58E-10	40YrCancel	5.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4419	ALL	657144.3	4186662	5.57E-10	40YrCancel	5.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4420	ALL	657152.4	4186686	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4421	ALL	657160.4	4186709	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4422	ALL	657168.4	4186732	5.53E-10	40YrCancel	5.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4423	ALL	657176.5	4186755	5.52E-10	40YrCancel	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4424	ALL	657184.5	4186779	5.51E-10	40YrCancel	5.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4425	ALL	657192.6	4186802	5.51E-10	40YrCancel	5.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4426	ALL	657200.6	4186825	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4427	ALL	657208.6	4186848	5.49E-10	40YrCancel	5.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4428	ALL	657216.7	4186872	5.48E-10	40YrCancel	5.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4429	ALL	657224.7	4186895	5.47E-10	40YrCancel	5.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4430	ALL	657232.7	4186918	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4431	ALL	657240.8	4186941	5.45E-10	40YrCancel	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4432	ALL	657248.8	4186964	5.45E-10	40YrCancel	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4433	ALL	657256.9	4186988	5.44E-10	40YrCancel	5.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4434	ALL	657264.9	4187011	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4435	ALL	657272.9	4187034	5.42E-10	40YrCancel	5.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4436	ALL	657281	4187057	5.42E-10	40YrCancel	5.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4437	ALL	657289	4187081	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4438	ALL	657297	4187104	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4439	ALL	657305.1	4187127	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4440	ALL	657313.1	4187150	5.40E-10	40YrCancel	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4441	ALL	657321.2	4187174	5.40E-10	40YrCancel	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4442	ALL	657329.2	4187197	5.40E-10	40YrCancel	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4443	ALL	657337.2	4187220	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4444	ALL	657345.3	4187243	5.39E-10	40YrCancel	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4445	ALL	657353.3	4187267	5.38E-10	40YrCancel	5.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4446	ALL	657361.3	4187290	5.38E-10	40YrCancel	5.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4447	ALL	657369.4	4187313	5.37E-10	40YrCancel	5.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4448	ALL	657377.4	4187336	5.36E-10	40YrCancel	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4449	ALL	657385.5	4187360	5.35E-10	40YrCancel	5.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4450	ALL	657393.5	4187383	5.34E-10	40YrCancel	5.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4451	ALL	657401.5	4187406	5.33E-10	40YrCancel	5.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4452	ALL	657409.6	4187429	5.31E-10	40YrCancel	5.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4453	ALL	657417.6	4187453	5.30E-10	40YrCancel	5.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4454	ALL	657425.6	4187476	5.28E-10	40YrCancel	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4455	ALL	657433.7	4187499	5.26E-10	40YrCancel	5.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4456	ALL	657441.7	4187522	5.24E-10	40YrCancel	5.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4457	ALL	657449.8	4187546	5.21E-10	40YrCancel	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4458	ALL	657457.8	4187569	5.19E-10	40YrCancel	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4459	ALL	657465.8	4187592	5.16E-10	40YrCancel	5.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4460	ALL	657473.9	4187615	5.13E-10	40YrCancel	5.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4461	ALL	657481.9	4187638	5.10E-10	40YrCancel	5.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4462	ALL	657489.9	4187662	5.07E-10	40YrCancel	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4463	ALL	657498	4187685	5.04E-10	40YrCancel	5.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4464	ALL	657506	4187708	5.00E-10	40YrCancel	5.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4465	ALL	657514.1	4187731	4.97E-10	40YrCancel	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4466	ALL	657522.1	4187755	4.93E-10	40YrCancel	4.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4467	ALL	657530.1	4187778	4.90E-10	40YrCancel	4.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4468	ALL	657538.2	4187801	4.87E-10	40YrCancel	4.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4469	ALL	657546.2	4187824	4.83E-10	40YrCancel	4.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4470	ALL	657554.2	4187848	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4471	ALL	657562.3	4187871	4.77E-10	40YrCancel	4.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4472	ALL	657570.3	4187894	4.73E-10	40YrCancel	4.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4473	ALL	657578.4	4187917	4.70E-10	40YrCancel	4.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4474	ALL	657586.4	4187941	4.67E-10	40YrCancel	4.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4475	ALL	657594.4	4187964	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4476	ALL	657602.5	4187987	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4477	ALL	657610.5	4188010	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4478	ALL	657618.5	4188034	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4479	ALL	657626.6	4188057	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4480	ALL	657634.6	4188080	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4481	ALL	657642.7	4188103	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4482	ALL	657650.7	4188127	4.47E-10	40YrCancel	4.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4483	ALL	653921.2	4184029	2.89E-10	40YrCancel	2.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4484	ALL	653896.4	4184028	2.88E-10	40YrCancel	2.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4485	ALL	653871.6	4184028	2.86E-10	40YrCancel	2.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4486	ALL	653846.9	4184027	2.85E-10	40YrCancel	2.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4487	ALL	653822.1	4184026	2.84E-10	40YrCancel	2.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4488	ALL	653797.3	4184026	2.83E-10	40YrCancel	2.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4489	ALL	653669.5	4187873	1.09E-07	40YrCancel	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4490	ALL	653667.7	4187915	1.88E-07	40YrCancel	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4491	ALL	653665.9	4187957	3.47E-07	40YrCancel	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4492	ALL	653652.5	4187855	7.76E-08	40YrCancel	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4493	ALL	653643.6	4187893	1.05E-07	40YrCancel	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4494	ALL	653641.8	4187935	1.69E-07	40YrCancel	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4495	ALL	653640	4187977	2.57E-07	40YrCancel	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4496	ALL	653627.5	4187854	6.28E-08	40YrCancel	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4497	ALL	653661.1	4187813	5.60E-08	40YrCancel	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4498	ALL	653618.6	4187892	8.15E-08	40YrCancel	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4499	ALL	653616.8	4187934	1.21E-07	40YrCancel	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4500	ALL	653615	4187975	1.66E-07	40YrCancel	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4501	ALL	653602.5	4187853	5.17E-08	40YrCancel	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4502	ALL	653618.4	4187818	4.53E-08	40YrCancel	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4503	ALL	653644	4187794	4.46E-08	40YrCancel	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4504	ALL	653593.7	4187891	6.54E-08	40YrCancel	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4505	ALL	653591.8	4187933	9.07E-08	40YrCancel	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4506	ALL	653590	4187974	1.17E-07	40YrCancel	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4507	ALL	653552.5	4187851	3.75E-08	40YrCancel	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4508	ALL	653568.4	4187816	3.31E-08	40YrCancel	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4509	ALL	653584.3	4187782	2.98E-08	40YrCancel	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4510	ALL	653609.9	4187758	3.00E-08	40YrCancel	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4511	ALL	653645.3	4187744	3.21E-08	40YrCancel	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4512	ALL	653543.7	4187889	4.49E-08	40YrCancel	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4513	ALL	653541.9	4187930	5.65E-08	40YrCancel	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4514	ALL	653540.1	4187972	6.75E-08	40YrCancel	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4515	ALL	653502.6	4187848	2.86E-08	40YrCancel	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4516	ALL	653518.5	4187814	2.58E-08	40YrCancel	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4517	ALL	653534.3	4187780	2.32E-08	40YrCancel	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4518	ALL	653550.2	4187745	2.13E-08	40YrCancel	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4519	ALL	653575.8	4187721	2.16E-08	40YrCancel	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4520	ALL	653611.2	4187708	2.34E-08	40YrCancel	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4521	ALL	653646.7	4187694	2.40E-08	40YrCancel	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4522	ALL	653493.8	4187886	3.27E-08	40YrCancel	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4523	ALL	653491.9	4187928	3.89E-08	40YrCancel	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4524	ALL	653490.1	4187970	4.45E-08	40YrCancel	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4525	ALL	653452.6	4187846	2.23E-08	40YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4526	ALL	653468.5	4187812	2.08E-08	40YrCancel	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4527	ALL	653484.4	4187777	1.90E-08	40YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4528	ALL	653500.2	4187743	1.73E-08	40YrCancel	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4529	ALL	653516.1	4187709	1.61E-08	40YrCancel	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4530	ALL	653541.7	4187685	1.63E-08	40YrCancel	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4531	ALL	653577.2	4187671	1.77E-08	40YrCancel	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4532	ALL	653612.6	4187658	1.86E-08	40YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4533	ALL	653648	4187645	1.86E-08	40YrCancel	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4534	ALL	653443.8	4187884	2.49E-08	40YrCancel	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4535	ALL	653442	4187926	2.85E-08	40YrCancel	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4536	ALL	653440.2	4187968	3.19E-08	40YrCancel	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4537	ALL	653403.4	4187842	1.79E-08	40YrCancel	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4538	ALL	653420.7	4187805	1.69E-08	40YrCancel	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4539	ALL	653438	4187767	1.56E-08	40YrCancel	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4540	ALL	653455.3	4187730	1.42E-08	40YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4541	ALL	653472.6	4187692	1.31E-08	40YrCancel	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4542	ALL	653509.2	4187648	1.29E-08	40YrCancel	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4543	ALL	653547.9	4187633	1.40E-08	40YrCancel	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4544	ALL	653586.5	4187618	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4545	ALL	653625.2	4187604	1.51E-08	40YrCancel	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4546	ALL	653663.8	4187589	1.45E-08	40YrCancel	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4547	ALL	653393.8	4187882	1.96E-08	40YrCancel	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4548	ALL	653392	4187924	2.20E-08	40YrCancel	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4549	ALL	653390.2	4187966	2.41E-08	40YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4550	ALL	653353.3	4187841	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4551	ALL	653370.4	4187804	1.41E-08	40YrCancel	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4552	ALL	653387.5	4187766	1.33E-08	40YrCancel	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4553	ALL	653404.6	4187729	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4554	ALL	653421.7	4187692	1.14E-08	40YrCancel	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4555	ALL	653438.8	4187655	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4556	ALL	653474.9	4187611	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4557	ALL	653513.1	4187597	1.12E-08	40YrCancel	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4558	ALL	653551.2	4187582	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4559	ALL	653589.4	4187568	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4560	ALL	653627.5	4187553	1.23E-08	40YrCancel	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4561	ALL	653665.7	4187539	1.18E-08	40YrCancel	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4562	ALL	653343.9	4187880	1.59E-08	40YrCancel	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4563	ALL	653342.1	4187922	1.75E-08	40YrCancel	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4564	ALL	653340.3	4187963	1.90E-08	40YrCancel	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4565	ALL	653253.3	4187837	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4566	ALL	653270.1	4187800	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4567	ALL	653286.9	4187764	9.80E-09	40YrCancel	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4568	ALL	653303.7	4187727	9.42E-09	40YrCancel	9.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4569	ALL	653320.5	4187691	8.91E-09	40YrCancel	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4570	ALL	653337.3	4187654	8.32E-09	40YrCancel	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4571	ALL	653354.1	4187618	7.80E-09	40YrCancel	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4572	ALL	653370.9	4187582	7.39E-09	40YrCancel	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4573	ALL	653406.4	4187538	7.26E-09	40YrCancel	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4574	ALL	653443.9	4187524	7.72E-09	40YrCancel	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4575	ALL	653481.4	4187510	8.20E-09	40YrCancel	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4576	ALL	653518.9	4187495	8.67E-09	40YrCancel	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4577	ALL	653556.4	4187481	8.96E-09	40YrCancel	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4578	ALL	653594	4187467	8.96E-09	40YrCancel	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4579	ALL	653631.5	4187453	8.69E-09	40YrCancel	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4580	ALL	653669	4187439	8.27E-09	40YrCancel	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4581	ALL	653244	4187876	1.11E-08	40YrCancel	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4582	ALL	653242.2	4187917	1.20E-08	40YrCancel	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4583	ALL	653240.4	4187959	1.28E-08	40YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4584	ALL	653153.7	4187831	7.95E-09	40YrCancel	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4585	ALL	653171.2	4187794	7.76E-09	40YrCancel	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4586	ALL	653188.6	4187756	7.50E-09	40YrCancel	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4587	ALL	653206.1	4187718	7.26E-09	40YrCancel	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4588	ALL	653223.5	4187680	7.01E-09	40YrCancel	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4589	ALL	653241	4187642	6.68E-09	40YrCancel	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4590	ALL	653258.4	4187604	6.30E-09	40YrCancel	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4591	ALL	653275.8	4187567	5.94E-09	40YrCancel	5.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4592	ALL	653293.3	4187529	5.64E-09	40YrCancel	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4593	ALL	653310.7	4187491	5.40E-09	40YrCancel	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4594	ALL	653339	4187465	5.42E-09	40YrCancel	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4595	ALL	653377.9	4187450	5.71E-09	40YrCancel	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4596	ALL	653416.9	4187435	6.03E-09	40YrCancel	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4597	ALL	653455.9	4187420	6.37E-09	40YrCancel	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4598	ALL	653494.8	4187406	6.67E-09	40YrCancel	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4599	ALL	653533.8	4187391	6.83E-09	40YrCancel	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4600	ALL	653572.8	4187376	6.81E-09	40YrCancel	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4601	ALL	653611.7	4187361	6.62E-09	40YrCancel	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4602	ALL	653650.7	4187347	6.34E-09	40YrCancel	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4603	ALL	653144.1	4187871	8.29E-09	40YrCancel	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4604	ALL	653142.3	4187913	8.83E-09	40YrCancel	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4605	ALL	653140.4	4187955	9.30E-09	40YrCancel	9.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4606	ALL	653053.7	4187827	6.24E-09	40YrCancel	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4607	ALL	653070.9	4187790	6.14E-09	40YrCancel	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4608	ALL	653088	4187753	5.98E-09	40YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4609	ALL	653105.2	4187716	5.81E-09	40YrCancel	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4610	ALL	653122.4	4187678	5.66E-09	40YrCancel	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4611	ALL	653139.6	4187641	5.51E-09	40YrCancel	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4612	ALL	653156.8	4187604	5.30E-09	40YrCancel	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4613	ALL	653174	4187567	5.05E-09	40YrCancel	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4614	ALL	653191.1	4187529	4.79E-09	40YrCancel	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4615	ALL	653208.3	4187492	4.56E-09	40YrCancel	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4616	ALL	653225.5	4187455	4.37E-09	40YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4617	ALL	653242.7	4187417	4.21E-09	40YrCancel	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4618	ALL	653270.5	4187392	4.22E-09	40YrCancel	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4619	ALL	653308.9	4187377	4.41E-09	40YrCancel	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4620	ALL	653347.2	4187363	4.62E-09	40YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4621	ALL	653385.6	4187348	4.84E-09	40YrCancel	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4622	ALL	653424	4187333	5.08E-09	40YrCancel	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4623	ALL	653462.4	4187319	5.28E-09	40YrCancel	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4624	ALL	653500.7	4187304	5.40E-09	40YrCancel	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4625	ALL	653539.1	4187290	5.41E-09	40YrCancel	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4626	ALL	653577.5	4187275	5.30E-09	40YrCancel	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4627	ALL	653615.9	4187261	5.13E-09	40YrCancel	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4628	ALL	653654.3	4187246	4.92E-09	40YrCancel	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4629	ALL	653044.2	4187867	6.46E-09	40YrCancel	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4630	ALL	653042.4	4187909	6.81E-09	40YrCancel	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4631	ALL	653040.5	4187950	7.12E-09	40YrCancel	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4632	ALL	652953.7	4187823	5.04E-09	40YrCancel	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4633	ALL	652970.7	4187786	4.98E-09	40YrCancel	4.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4634	ALL	652987.7	4187750	4.90E-09	40YrCancel	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4635	ALL	653004.7	4187713	4.78E-09	40YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4636	ALL	653021.7	4187676	4.66E-09	40YrCancel	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4637	ALL	653038.7	4187639	4.56E-09	40YrCancel	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4638	ALL	653055.6	4187602	4.46E-09	40YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4639	ALL	653072.6	4187565	4.33E-09	40YrCancel	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4640	ALL	653089.6	4187528	4.16E-09	40YrCancel	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4641	ALL	653106.6	4187492	3.97E-09	40YrCancel	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4642	ALL	653123.6	4187455	3.79E-09	40YrCancel	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4643	ALL	653140.6	4187418	3.64E-09	40YrCancel	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4644	ALL	653157.6	4187381	3.51E-09	40YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4645	ALL	653174.6	4187344	3.40E-09	40YrCancel	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4646	ALL	653202.1	4187318	3.40E-09	40YrCancel	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4647	ALL	653240	4187304	3.53E-09	40YrCancel	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4648	ALL	653278	4187290	3.67E-09	40YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4649	ALL	653316	4187275	3.82E-09	40YrCancel	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4650	ALL	653353.9	4187261	3.99E-09	40YrCancel	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4651	ALL	653391.9	4187247	4.16E-09	40YrCancel	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4652	ALL	653429.8	4187232	4.31E-09	40YrCancel	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4653	ALL	653467.8	4187218	4.39E-09	40YrCancel	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4654	ALL	653505.7	4187204	4.41E-09	40YrCancel	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4655	ALL	653543.7	4187189	4.35E-09	40YrCancel	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4656	ALL	653581.7	4187175	4.25E-09	40YrCancel	4.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4657	ALL	653619.6	4187160	4.11E-09	40YrCancel	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4658	ALL	653657.6	4187146	3.94E-09	40YrCancel	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4659	ALL	652944.3	4187863	5.20E-09	40YrCancel	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4660	ALL	652942.5	4187904	5.44E-09	40YrCancel	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4661	ALL	652940.6	4187946	5.65E-09	40YrCancel	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4662	ALL	652854	4187818	4.18E-09	40YrCancel	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4663	ALL	652871.4	4187781	4.13E-09	40YrCancel	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4664	ALL	652888.8	4187743	4.08E-09	40YrCancel	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4665	ALL	652906.2	4187705	4.01E-09	40YrCancel	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4666	ALL	652923.6	4187668	3.91E-09	40YrCancel	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4667	ALL	652941	4187630	3.82E-09	40YrCancel	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4668	ALL	652958.4	4187592	3.75E-09	40YrCancel	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4669	ALL	652975.7	4187554	3.68E-09	40YrCancel	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4670	ALL	652993.1	4187517	3.58E-09	40YrCancel	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4671	ALL	653010.5	4187479	3.45E-09	40YrCancel	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4672	ALL	653027.9	4187441	3.31E-09	40YrCancel	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4673	ALL	653045.3	4187403	3.17E-09	40YrCancel	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4674	ALL	653062.7	4187366	3.05E-09	40YrCancel	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4675	ALL	653080.1	4187328	2.94E-09	40YrCancel	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4676	ALL	653097.5	4187290	2.85E-09	40YrCancel	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4677	ALL	653134.3	4187245	2.81E-09	40YrCancel	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4678	ALL	653173.2	4187230	2.90E-09	40YrCancel	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4679	ALL	653212.1	4187216	3.01E-09	40YrCancel	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4680	ALL	653250.9	4187201	3.12E-09	40YrCancel	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4681	ALL	653289.8	4187186	3.24E-09	40YrCancel	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4682	ALL	653328.6	4187172	3.37E-09	40YrCancel	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4683	ALL	653367.5	4187157	3.50E-09	40YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4684	ALL	653406.3	4187142	3.60E-09	40YrCancel	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4685	ALL	653445.2	4187128	3.66E-09	40YrCancel	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4686	ALL	653484	4187113	3.67E-09	40YrCancel	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4687	ALL	653522.9	4187098	3.63E-09	40YrCancel	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4688	ALL	653561.8	4187083	3.55E-09	40YrCancel	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4689	ALL	653600.6	4187069	3.44E-09	40YrCancel	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4690	ALL	653639.5	4187054	3.31E-09	40YrCancel	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4691	ALL	653678.3	4187039	3.17E-09	40YrCancel	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4692	ALL	652844.4	4187858	4.29E-09	40YrCancel	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4693	ALL	652842.6	4187900	4.46E-09	40YrCancel	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4694	ALL	652840.7	4187942	4.62E-09	40YrCancel	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4695	ALL	652604.2	4187807	2.82E-09	40YrCancel	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4696	ALL	652621.7	4187770	2.79E-09	40YrCancel	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4697	ALL	652639.1	4187732	2.77E-09	40YrCancel	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4698	ALL	652656.6	4187694	2.74E-09	40YrCancel	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4699	ALL	652674	4187656	2.71E-09	40YrCancel	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4700	ALL	652691.5	4187618	2.66E-09	40YrCancel	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4701	ALL	652708.9	4187580	2.61E-09	40YrCancel	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4702	ALL	652726.4	4187543	2.56E-09	40YrCancel	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4703	ALL	652743.8	4187505	2.53E-09	40YrCancel	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4704	ALL	652761.3	4187467	2.50E-09	40YrCancel	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4705	ALL	652778.7	4187429	2.45E-09	40YrCancel	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4706	ALL	652796.2	4187391	2.40E-09	40YrCancel	2.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4707	ALL	652813.6	4187353	2.33E-09	40YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4708	ALL	652831.1	4187316	2.26E-09	40YrCancel	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4709	ALL	652848.5	4187278	2.18E-09	40YrCancel	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4710	ALL	652865.9	4187240	2.11E-09	40YrCancel	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4711	ALL	652883.4	4187202	2.04E-09	40YrCancel	2.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4712	ALL	652900.8	4187164	1.99E-09	40YrCancel	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4713	ALL	652918.3	4187126	1.94E-09	40YrCancel	1.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4714	ALL	652935.7	4187089	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4715	ALL	652963.9	4187062	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4716	ALL	653002.9	4187048	1.93E-09	40YrCancel	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4717	ALL	653041.9	4187033	1.99E-09	40YrCancel	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4718	ALL	653080.9	4187018	2.05E-09	40YrCancel	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4719	ALL	653119.8	4187003	2.10E-09	40YrCancel	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4720	ALL	653158.8	4186989	2.16E-09	40YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4721	ALL	653197.8	4186974	2.24E-09	40YrCancel	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4722	ALL	653236.7	4186959	2.31E-09	40YrCancel	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4723	ALL	653275.7	4186944	2.39E-09	40YrCancel	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4724	ALL	653314.7	4186930	2.45E-09	40YrCancel	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4725	ALL	653353.6	4186915	2.49E-09	40YrCancel	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4726	ALL	653392.6	4186900	2.50E-09	40YrCancel	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4727	ALL	653431.6	4186885	2.50E-09	40YrCancel	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4728	ALL	653470.5	4186871	2.47E-09	40YrCancel	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4729	ALL	653509.5	4186856	2.43E-09	40YrCancel	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4730	ALL	653548.5	4186841	2.37E-09	40YrCancel	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4731	ALL	653587.5	4186826	2.31E-09	40YrCancel	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4732	ALL	653626.4	4186812	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4733	ALL	653665.4	4186797	2.15E-09	40YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4734	ALL	652594.6	4187847	2.88E-09	40YrCancel	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4735	ALL	652592.8	4187889	2.96E-09	40YrCancel	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4736	ALL	652591	4187931	3.04E-09	40YrCancel	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4737	ALL	652354.5	4187797	2.05E-09	40YrCancel	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4738	ALL	652372	4187759	2.04E-09	40YrCancel	2.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4739	ALL	652389.5	4187721	2.02E-09	40YrCancel	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4740	ALL	652406.9	4187683	2.00E-09	40YrCancel	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4741	ALL	652424.4	4187645	1.99E-09	40YrCancel	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4742	ALL	652441.9	4187607	1.98E-09	40YrCancel	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4743	ALL	652459.4	4187569	1.95E-09	40YrCancel	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4744	ALL	652476.9	4187531	1.92E-09	40YrCancel	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4745	ALL	652494.3	4187493	1.88E-09	40YrCancel	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4746	ALL	652511.8	4187455	1.86E-09	40YrCancel	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4747	ALL	652529.3	4187417	1.84E-09	40YrCancel	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4748	ALL	652546.8	4187380	1.82E-09	40YrCancel	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4749	ALL	652564.2	4187342	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4750	ALL	652581.7	4187304	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4751	ALL	652599.2	4187266	1.74E-09	40YrCancel	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4752	ALL	652616.7	4187228	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4753	ALL	652634.2	4187190	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4754	ALL	652651.6	4187152	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4755	ALL	652669.1	4187114	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4756	ALL	652686.6	4187076	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4757	ALL	652704.1	4187038	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4758	ALL	652721.6	4187000	1.45E-09	40YrCancel	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4759	ALL	652739	4186963	1.42E-09	40YrCancel	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4760	ALL	652756.5	4186925	1.39E-09	40YrCancel	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4761	ALL	652793.5	4186879	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4762	ALL	652832.6	4186865	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4763	ALL	652871.6	4186850	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4764	ALL	652910.6	4186835	1.46E-09	40YrCancel	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4765	ALL	652949.7	4186820	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4766	ALL	652988.7	4186806	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4767	ALL	653027.8	4186791	1.57E-09	40YrCancel	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4768	ALL	653066.8	4186776	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4769	ALL	653105.9	4186761	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4770	ALL	653144.9	4186746	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4771	ALL	653183.9	4186732	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4772	ALL	653223	4186717	1.79E-09	40YrCancel	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4773	ALL	653262	4186702	1.82E-09	40YrCancel	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4774	ALL	653301.1	4186687	1.83E-09	40YrCancel	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4775	ALL	653340.1	4186673	1.84E-09	40YrCancel	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4776	ALL	653379.2	4186658	1.83E-09	40YrCancel	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4777	ALL	653418.2	4186643	1.81E-09	40YrCancel	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4778	ALL	653457.2	4186628	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4779	ALL	653496.3	4186613	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4780	ALL	653535.3	4186599	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4781	ALL	653574.4	4186584	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4782	ALL	653613.4	4186569	1.62E-09	40YrCancel	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4783	ALL	653652.4	4186554	1.57E-09	40YrCancel	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4784	ALL	653691.5	4186540	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4785	ALL	652344.8	4187836	2.08E-09	40YrCancel	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4786	ALL	652343	4187878	2.13E-09	40YrCancel	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4787	ALL	652341.2	4187920	2.17E-09	40YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4788	ALL	652104.7	4187786	1.57E-09	40YrCancel	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4789	ALL	652122.2	4187748	1.56E-09	40YrCancel	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4790	ALL	652139.7	4187710	1.55E-09	40YrCancel	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4791	ALL	652157.2	4187672	1.54E-09	40YrCancel	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4792	ALL	652174.7	4187634	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4793	ALL	652192.3	4187596	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4794	ALL	652209.8	4187558	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4795	ALL	652227.3	4187520	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4796	ALL	652244.8	4187482	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4797	ALL	652262.3	4187444	1.46E-09	40YrCancel	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4798	ALL	652279.8	4187406	1.44E-09	40YrCancel	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4799	ALL	652297.3	4187368	1.42E-09	40YrCancel	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4800	ALL	652314.8	4187330	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4801	ALL	652332.3	4187292	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4802	ALL	652349.8	4187254	1.39E-09	40YrCancel	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4803	ALL	652367.3	4187216	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4804	ALL	652384.8	4187178	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4805	ALL	652402.3	4187140	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4806	ALL	652419.8	4187102	1.30E-09	40YrCancel	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4807	ALL	652437.3	4187064	1.27E-09	40YrCancel	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4808	ALL	652454.8	4187027	1.24E-09	40YrCancel	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4809	ALL	652472.3	4186989	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4810	ALL	652489.8	4186951	1.18E-09	40YrCancel	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4811	ALL	652507.3	4186913	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4812	ALL	652524.8	4186875	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4813	ALL	652542.3	4186837	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4814	ALL	652559.8	4186799	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4815	ALL	652577.3	4186761	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4816	ALL	652594.8	4186723	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4817	ALL	652623.1	4186696	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4818	ALL	652662.2	4186682	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4819	ALL	652701.3	4186667	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4820	ALL	652740.4	4186652	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4821	ALL	652779.5	4186637	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4822	ALL	652818.5	4186623	1.15E-09	40YrCancel	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4823	ALL	652857.6	4186608	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4824	ALL	652896.7	4186593	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4825	ALL	652935.8	4186578	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4826	ALL	652974.9	4186563	1.25E-09	40YrCancel	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4827	ALL	653014	4186549	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4828	ALL	653053.1	4186534	1.32E-09	40YrCancel	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4829	ALL	653092.2	4186519	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4830	ALL	653131.3	4186504	1.38E-09	40YrCancel	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4831	ALL	653170.4	4186489	1.39E-09	40YrCancel	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4832	ALL	653209.5	4186475	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4833	ALL	653248.6	4186460	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4834	ALL	653287.6	4186445	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4835	ALL	653326.7	4186430	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4836	ALL	653365.8	4186415	1.39E-09	40YrCancel	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4837	ALL	653404.9	4186401	1.38E-09	40YrCancel	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4838	ALL	653444	4186386	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4839	ALL	653483.1	4186371	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4840	ALL	653522.2	4186356	1.31E-09	40YrCancel	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4841	ALL	653561.3	4186341	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4842	ALL	653600.4	4186327	1.24E-09	40YrCancel	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4843	ALL	653639.5	4186312	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4844	ALL	653678.6	4186297	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4845	ALL	652095.1	4187826	1.59E-09	40YrCancel	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4846	ALL	652093.3	4187867	1.62E-09	40YrCancel	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4847	ALL	652091.4	4187909	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4848	ALL	651854.9	4187775	1.25E-09	40YrCancel	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4849	ALL	651872.1	4187738	1.24E-09	40YrCancel	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4850	ALL	651889.4	4187700	1.24E-09	40YrCancel	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4851	ALL	651906.6	4187663	1.23E-09	40YrCancel	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4852	ALL	651923.9	4187625	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4853	ALL	651941.2	4187588	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4854	ALL	651958.4	4187550	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4855	ALL	651975.7	4187513	1.21E-09	40YrCancel	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4856	ALL	651992.9	4187476	1.20E-09	40YrCancel	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4857	ALL	652010.2	4187438	1.19E-09	40YrCancel	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4858	ALL	652027.5	4187401	1.17E-09	40YrCancel	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4859	ALL	652044.7	4187363	1.16E-09	40YrCancel	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4860	ALL	652062	4187326	1.14E-09	40YrCancel	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4861	ALL	652079.2	4187288	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4862	ALL	652096.5	4187251	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4863	ALL	652113.8	4187214	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4864	ALL	652131	4187176	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4865	ALL	652148.3	4187139	1.10E-09	40YrCancel	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4866	ALL	652165.5	4187101	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4867	ALL	652182.8	4187064	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4868	ALL	652200.1	4187026	1.06E-09	40YrCancel	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4869	ALL	652217.3	4186989	1.04E-09	40YrCancel	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4870	ALL	652234.6	4186952	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4871	ALL	652251.8	4186914	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4872	ALL	652269.1	4186877	9.84E-10	40YrCancel	9.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4873	ALL	652286.4	4186839	9.64E-10	40YrCancel	9.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4874	ALL	652303.6	4186802	9.43E-10	40YrCancel	9.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4875	ALL	652320.9	4186764	9.23E-10	40YrCancel	9.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4876	ALL	652338.1	4186727	9.06E-10	40YrCancel	9.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4877	ALL	652355.4	4186689	8.90E-10	40YrCancel	8.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4878	ALL	652372.7	4186652	8.76E-10	40YrCancel	8.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4879	ALL	652389.9	4186615	8.62E-10	40YrCancel	8.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4880	ALL	652407.2	4186577	8.49E-10	40YrCancel	8.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4881	ALL	652424.5	4186540	8.36E-10	40YrCancel	8.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4882	ALL	652452.4	4186514	8.35E-10	40YrCancel	8.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4883	ALL	652490.9	4186499	8.46E-10	40YrCancel	8.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4884	ALL	652529.5	4186485	8.57E-10	40YrCancel	8.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4885	ALL	652568	4186470	8.72E-10	40YrCancel	8.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4886	ALL	652606.6	4186455	8.88E-10	40YrCancel	8.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4887	ALL	652645.1	4186441	9.04E-10	40YrCancel	9.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4888	ALL	652683.7	4186426	9.20E-10	40YrCancel	9.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4889	ALL	652722.2	4186412	9.33E-10	40YrCancel	9.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4890	ALL	652760.8	4186397	9.47E-10	40YrCancel	9.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4891	ALL	652799.3	4186382	9.62E-10	40YrCancel	9.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4892	ALL	652837.9	4186368	9.81E-10	40YrCancel	9.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4893	ALL	652876.4	4186353	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4894	ALL	652915	4186339	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4895	ALL	652953.5	4186324	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4896	ALL	652992.1	4186309	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4897	ALL	653030.7	4186295	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4898	ALL	653069.2	4186280	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4899	ALL	653107.8	4186266	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4900	ALL	653146.3	4186251	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4901	ALL	653184.9	4186237	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4902	ALL	653223.4	4186222	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4903	ALL	653262	4186207	1.13E-09	40YrCancel	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4904	ALL	653300.5	4186193	1.12E-09	40YrCancel	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4905	ALL	653339.1	4186178	1.11E-09	40YrCancel	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4906	ALL	653377.6	4186164	1.09E-09	40YrCancel	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4907	ALL	653416.2	4186149	1.08E-09	40YrCancel	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4908	ALL	653454.7	4186134	1.07E-09	40YrCancel	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4909	ALL	653493.3	4186120	1.05E-09	40YrCancel	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4910	ALL	653531.8	4186105	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4911	ALL	653570.4	4186091	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4912	ALL	653608.9	4186076	9.73E-10	40YrCancel	9.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4913	ALL	653647.5	4186061	9.47E-10	40YrCancel	9.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4914	ALL	653686.1	4186047	9.26E-10	40YrCancel	9.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4915	ALL	651845.3	4187815	1.26E-09	40YrCancel	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4916	ALL	651843.5	4187856	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4917	ALL	651841.7	4187898	1.30E-09	40YrCancel	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4918	ALL	651355.4	4187753	8.51E-10	40YrCancel	8.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4919	ALL	651372.7	4187716	8.50E-10	40YrCancel	8.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4920	ALL	651390	4187678	8.48E-10	40YrCancel	8.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4921	ALL	651407.4	4187640	8.44E-10	40YrCancel	8.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4922	ALL	651424.7	4187603	8.39E-10	40YrCancel	8.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4923	ALL	651442.1	4187565	8.34E-10	40YrCancel	8.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4924	ALL	651459.4	4187528	8.28E-10	40YrCancel	8.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4925	ALL	651476.7	4187490	8.25E-10	40YrCancel	8.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4926	ALL	651494.1	4187452	8.23E-10	40YrCancel	8.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4927	ALL	651511.4	4187415	8.22E-10	40YrCancel	8.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4928	ALL	651528.7	4187377	8.21E-10	40YrCancel	8.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4929	ALL	651546.1	4187340	8.17E-10	40YrCancel	8.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4930	ALL	651563.4	4187302	8.11E-10	40YrCancel	8.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4931	ALL	651580.7	4187264	8.02E-10	40YrCancel	8.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4932	ALL	651598.1	4187227	7.92E-10	40YrCancel	7.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4933	ALL	651615.4	4187189	7.82E-10	40YrCancel	7.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4934	ALL	651632.8	4187152	7.75E-10	40YrCancel	7.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4935	ALL	651650.1	4187114	7.70E-10	40YrCancel	7.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4936	ALL	651667.4	4187076	7.66E-10	40YrCancel	7.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4937	ALL	651684.8	4187039	7.62E-10	40YrCancel	7.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4938	ALL	651702.1	4187001	7.58E-10	40YrCancel	7.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4939	ALL	651719.4	4186964	7.54E-10	40YrCancel	7.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4940	ALL	651736.8	4186926	7.50E-10	40YrCancel	7.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4941	ALL	651754.1	4186888	7.46E-10	40YrCancel	7.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4942	ALL	651771.4	4186851	7.41E-10	40YrCancel	7.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4943	ALL	651788.8	4186813	7.34E-10	40YrCancel	7.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4944	ALL	651806.1	4186776	7.25E-10	40YrCancel	7.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4945	ALL	651823.5	4186738	7.15E-10	40YrCancel	7.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4946	ALL	651840.8	4186700	7.04E-10	40YrCancel	7.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4947	ALL	651858.1	4186663	6.93E-10	40YrCancel	6.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4948	ALL	651875.5	4186625	6.82E-10	40YrCancel	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4949	ALL	651892.8	4186588	6.71E-10	40YrCancel	6.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4950	ALL	651910.1	4186550	6.60E-10	40YrCancel	6.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4951	ALL	651927.5	4186512	6.48E-10	40YrCancel	6.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4952	ALL	651944.8	4186475	6.37E-10	40YrCancel	6.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4953	ALL	651962.1	4186437	6.27E-10	40YrCancel	6.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4954	ALL	651979.5	4186400	6.18E-10	40YrCancel	6.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4955	ALL	651996.8	4186362	6.10E-10	40YrCancel	6.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4956	ALL	652014.2	4186324	6.01E-10	40YrCancel	6.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4957	ALL	652031.5	4186287	5.94E-10	40YrCancel	5.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4958	ALL	652048.8	4186249	5.86E-10	40YrCancel	5.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4959	ALL	652066.2	4186212	5.79E-10	40YrCancel	5.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4960	ALL	652083.5	4186174	5.72E-10	40YrCancel	5.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4961	ALL	652111.5	4186148	5.72E-10	40YrCancel	5.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4962	ALL	652150.2	4186133	5.77E-10	40YrCancel	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4963	ALL	652189	4186119	5.83E-10	40YrCancel	5.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4964	ALL	652227.7	4186104	5.90E-10	40YrCancel	5.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4965	ALL	652266.4	4186089	5.98E-10	40YrCancel	5.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4966	ALL	652305.1	4186075	6.07E-10	40YrCancel	6.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4967	ALL	652343.9	4186060	6.17E-10	40YrCancel	6.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4968	ALL	652382.6	4186045	6.26E-10	40YrCancel	6.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4969	ALL	652421.3	4186031	6.34E-10	40YrCancel	6.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4970	ALL	652460	4186016	6.40E-10	40YrCancel	6.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4971	ALL	652498.8	4186001	6.47E-10	40YrCancel	6.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4972	ALL	652537.5	4185987	6.54E-10	40YrCancel	6.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4973	ALL	652576.2	4185972	6.63E-10	40YrCancel	6.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4974	ALL	652614.9	4185957	6.74E-10	40YrCancel	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4975	ALL	652653.6	4185943	6.87E-10	40YrCancel	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4976	ALL	652692.4	4185928	7.01E-10	40YrCancel	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4977	ALL	652731.1	4185913	7.15E-10	40YrCancel	7.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4978	ALL	652769.8	4185899	7.29E-10	40YrCancel	7.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4979	ALL	652808.5	4185884	7.41E-10	40YrCancel	7.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4980	ALL	652847.3	4185870	7.51E-10	40YrCancel	7.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4981	ALL	652886	4185855	7.59E-10	40YrCancel	7.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4982	ALL	652924.7	4185840	7.66E-10	40YrCancel	7.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4983	ALL	652963.4	4185826	7.71E-10	40YrCancel	7.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4984	ALL	653002.1	4185811	7.75E-10	40YrCancel	7.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4985	ALL	653040.9	4185796	7.78E-10	40YrCancel	7.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4986	ALL	653079.6	4185782	7.79E-10	40YrCancel	7.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4987	ALL	653118.3	4185767	7.77E-10	40YrCancel	7.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4988	ALL	653157	4185752	7.73E-10	40YrCancel	7.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4989	ALL	653195.8	4185738	7.68E-10	40YrCancel	7.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4990	ALL	653234.5	4185723	7.61E-10	40YrCancel	7.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4991	ALL	653273.2	4185708	7.54E-10	40YrCancel	7.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4992	ALL	653311.9	4185694	7.48E-10	40YrCancel	7.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4993	ALL	653350.7	4185679	7.40E-10	40YrCancel	7.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4994	ALL	653389.4	4185664	7.33E-10	40YrCancel	7.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4995	ALL	653428.1	4185650	7.23E-10	40YrCancel	7.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4996	ALL	653466.8	4185635	7.12E-10	40YrCancel	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4997	ALL	653505.5	4185620	6.98E-10	40YrCancel	6.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4998	ALL	653544.3	4185606	6.82E-10	40YrCancel	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4999	ALL	653583	4185591	6.66E-10	40YrCancel	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5000	ALL	653621.7	4185576	6.50E-10	40YrCancel	6.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5001	ALL	653660.4	4185562	6.37E-10	40YrCancel	6.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5002	ALL	653699.2	4185547	6.28E-10	40YrCancel	6.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5003	ALL	651345.8	4187793	8.55E-10	40YrCancel	8.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5004	ALL	651344	4187835	8.64E-10	40YrCancel	8.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5005	ALL	651342.2	4187876	8.73E-10	40YrCancel	8.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5006	ALL	650855.9	4187731	6.22E-10	40YrCancel	6.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5007	ALL	650873.3	4187694	6.23E-10	40YrCancel	6.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5008	ALL	650890.6	4187656	6.22E-10	40YrCancel	6.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5009	ALL	650908	4187618	6.21E-10	40YrCancel	6.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5010	ALL	650925.4	4187581	6.19E-10	40YrCancel	6.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5011	ALL	650942.8	4187543	6.16E-10	40YrCancel	6.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5012	ALL	650960.2	4187505	6.12E-10	40YrCancel	6.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5013	ALL	650977.6	4187467	6.09E-10	40YrCancel	6.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5014	ALL	650995	4187430	6.06E-10	40YrCancel	6.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5015	ALL	651012.3	4187392	6.04E-10	40YrCancel	6.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5016	ALL	651029.7	4187354	6.03E-10	40YrCancel	6.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5017	ALL	651047.1	4187317	6.03E-10	40YrCancel	6.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5018	ALL	651064.5	4187279	6.02E-10	40YrCancel	6.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5019	ALL	651081.9	4187241	6.02E-10	40YrCancel	6.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5020	ALL	651099.3	4187203	5.99E-10	40YrCancel	5.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5021	ALL	651116.7	4187166	5.95E-10	40YrCancel	5.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5022	ALL	651134	4187128	5.89E-10	40YrCancel	5.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5023	ALL	651151.4	4187090	5.83E-10	40YrCancel	5.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5024	ALL	651168.8	4187053	5.76E-10	40YrCancel	5.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5025	ALL	651186.2	4187015	5.71E-10	40YrCancel	5.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5026	ALL	651203.6	4186977	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5027	ALL	651221	4186940	5.64E-10	40YrCancel	5.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5028	ALL	651238.4	4186902	5.61E-10	40YrCancel	5.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5029	ALL	651255.7	4186864	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5030	ALL	651273.1	4186826	5.57E-10	40YrCancel	5.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5031	ALL	651290.5	4186789	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5032	ALL	651307.9	4186751	5.53E-10	40YrCancel	5.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5033	ALL	651325.3	4186713	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5034	ALL	651342.7	4186676	5.48E-10	40YrCancel	5.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5035	ALL	651360.1	4186638	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5036	ALL	651377.4	4186600	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5037	ALL	651394.8	4186562	5.38E-10	40YrCancel	5.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5038	ALL	651412.2	4186525	5.32E-10	40YrCancel	5.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5039	ALL	651429.6	4186487	5.26E-10	40YrCancel	5.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5040	ALL	651447	4186449	5.19E-10	40YrCancel	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5041	ALL	651464.4	4186412	5.12E-10	40YrCancel	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5042	ALL	651481.8	4186374	5.05E-10	40YrCancel	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5043	ALL	651499.2	4186336	4.99E-10	40YrCancel	4.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5044	ALL	651516.5	4186299	4.92E-10	40YrCancel	4.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5045	ALL	651533.9	4186261	4.86E-10	40YrCancel	4.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5046	ALL	651551.3	4186223	4.78E-10	40YrCancel	4.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5047	ALL	651568.7	4186185	4.71E-10	40YrCancel	4.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5048	ALL	651586.1	4186148	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5049	ALL	651603.5	4186110	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5050	ALL	651620.9	4186072	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5051	ALL	651638.2	4186035	4.48E-10	40YrCancel	4.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5052	ALL	651655.6	4185997	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5053	ALL	651673	4185959	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5054	ALL	651690.4	4185921	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5055	ALL	651707.8	4185884	4.28E-10	40YrCancel	4.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5056	ALL	651725.2	4185846	4.24E-10	40YrCancel	4.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5057	ALL	651742.6	4185808	4.21E-10	40YrCancel	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5058	ALL	651770.7	4185782	4.20E-10	40YrCancel	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5059	ALL	651809.5	4185767	4.23E-10	40YrCancel	4.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5060	ALL	651848.3	4185753	4.27E-10	40YrCancel	4.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5061	ALL	651887.2	4185738	4.31E-10	40YrCancel	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5062	ALL	651926	4185723	4.35E-10	40YrCancel	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5063	ALL	651964.8	4185709	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5064	ALL	652003.7	4185694	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5065	ALL	652042.5	4185679	4.52E-10	40YrCancel	4.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5066	ALL	652081.3	4185665	4.57E-10	40YrCancel	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5067	ALL	652120.2	4185650	4.63E-10	40YrCancel	4.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5068	ALL	652159	4185635	4.67E-10	40YrCancel	4.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5069	ALL	652197.8	4185621	4.71E-10	40YrCancel	4.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5070	ALL	652236.7	4185606	4.74E-10	40YrCancel	4.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5071	ALL	652275.5	4185591	4.78E-10	40YrCancel	4.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5072	ALL	652314.3	4185576	4.83E-10	40YrCancel	4.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5073	ALL	652353.2	4185562	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5074	ALL	652392	4185547	4.96E-10	40YrCancel	4.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5075	ALL	652430.8	4185532	5.04E-10	40YrCancel	5.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5076	ALL	652469.7	4185518	5.13E-10	40YrCancel	5.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5077	ALL	652508.5	4185503	5.23E-10	40YrCancel	5.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5078	ALL	652547.3	4185488	5.32E-10	40YrCancel	5.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5079	ALL	652586.2	4185474	5.40E-10	40YrCancel	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5080	ALL	652625	4185459	5.48E-10	40YrCancel	5.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5081	ALL	652663.8	4185444	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5082	ALL	652702.7	4185429	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5083	ALL	652741.5	4185415	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5084	ALL	652780.3	4185400	5.67E-10	40YrCancel	5.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5085	ALL	652819.2	4185385	5.70E-10	40YrCancel	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5086	ALL	652858	4185371	5.73E-10	40YrCancel	5.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5087	ALL	652896.8	4185356	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5088	ALL	652935.7	4185341	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5089	ALL	652974.5	4185327	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5090	ALL	653013.3	4185312	5.73E-10	40YrCancel	5.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5091	ALL	653052.2	4185297	5.71E-10	40YrCancel	5.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5092	ALL	653091	4185283	5.67E-10	40YrCancel	5.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5093	ALL	653129.8	4185268	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5094	ALL	653168.7	4185253	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5095	ALL	653207.5	4185238	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5096	ALL	653246.3	4185224	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5097	ALL	653285.2	4185209	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5098	ALL	653324	4185194	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5099	ALL	653362.8	4185180	5.36E-10	40YrCancel	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5100	ALL	653401.7	4185165	5.29E-10	40YrCancel	5.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5101	ALL	653440.5	4185150	5.21E-10	40YrCancel	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5102	ALL	653479.3	4185136	5.12E-10	40YrCancel	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5103	ALL	653518.2	4185121	5.01E-10	40YrCancel	5.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5104	ALL	653557	4185106	4.90E-10	40YrCancel	4.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5105	ALL	653595.8	4185091	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5106	ALL	653634.7	4185077	4.72E-10	40YrCancel	4.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5107	ALL	653673.5	4185062	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5108	ALL	653712.3	4185047	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5109	ALL	650846.3	4187771	6.24E-10	40YrCancel	6.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5110	ALL	650844.4	4187813	6.29E-10	40YrCancel	6.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5111	ALL	650842.6	4187855	6.36E-10	40YrCancel	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5112	ALL	650356.4	4187710	4.78E-10	40YrCancel	4.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5113	ALL	650373.8	4187672	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5114	ALL	650391.2	4187634	4.81E-10	40YrCancel	4.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5115	ALL	650408.6	4187596	4.81E-10	40YrCancel	4.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5116	ALL	650426	4187558	4.79E-10	40YrCancel	4.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5117	ALL	650443.5	4187521	4.78E-10	40YrCancel	4.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5118	ALL	650460.9	4187483	4.76E-10	40YrCancel	4.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5119	ALL	650478.3	4187445	4.73E-10	40YrCancel	4.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5120	ALL	650495.7	4187407	4.70E-10	40YrCancel	4.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5121	ALL	650513.2	4187370	4.68E-10	40YrCancel	4.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5122	ALL	650530.6	4187332	4.66E-10	40YrCancel	4.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5123	ALL	650548	4187294	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5124	ALL	650565.4	4187256	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5125	ALL	650582.8	4187218	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5126	ALL	650600.3	4187181	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5127	ALL	650617.7	4187143	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5128	ALL	650635.1	4187105	4.63E-10	40YrCancel	4.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5129	ALL	650652.5	4187067	4.62E-10	40YrCancel	4.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5130	ALL	650669.9	4187029	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5131	ALL	650687.4	4186992	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5132	ALL	650704.8	4186954	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5133	ALL	650722.2	4186916	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5134	ALL	650739.6	4186878	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5135	ALL	650757	4186841	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5136	ALL	650774.5	4186803	4.36E-10	40YrCancel	4.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5137	ALL	650791.9	4186765	4.34E-10	40YrCancel	4.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5138	ALL	650809.3	4186727	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5139	ALL	650826.7	4186689	4.32E-10	40YrCancel	4.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5140	ALL	650844.1	4186652	4.31E-10	40YrCancel	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5141	ALL	650861.6	4186614	4.29E-10	40YrCancel	4.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5142	ALL	650879	4186576	4.28E-10	40YrCancel	4.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5143	ALL	650896.4	4186538	4.26E-10	40YrCancel	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5144	ALL	650913.8	4186501	4.24E-10	40YrCancel	4.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5145	ALL	650931.3	4186463	4.23E-10	40YrCancel	4.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5146	ALL	650948.7	4186425	4.22E-10	40YrCancel	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5147	ALL	650966.1	4186387	4.20E-10	40YrCancel	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5148	ALL	650983.5	4186349	4.18E-10	40YrCancel	4.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5149	ALL	651000.9	4186312	4.15E-10	40YrCancel	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5150	ALL	651018.4	4186274	4.10E-10	40YrCancel	4.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5151	ALL	651035.8	4186236	4.06E-10	40YrCancel	4.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5152	ALL	651053.2	4186198	4.01E-10	40YrCancel	4.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5153	ALL	651070.6	4186161	3.96E-10	40YrCancel	3.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5154	ALL	651088	4186123	3.92E-10	40YrCancel	3.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5155	ALL	651105.5	4186085	3.88E-10	40YrCancel	3.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5156	ALL	651122.9	4186047	3.84E-10	40YrCancel	3.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5157	ALL	651140.3	4186009	3.79E-10	40YrCancel	3.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5158	ALL	651157.7	4185972	3.75E-10	40YrCancel	3.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5159	ALL	651175.1	4185934	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5160	ALL	651192.6	4185896	3.65E-10	40YrCancel	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5161	ALL	651210	4185858	3.61E-10	40YrCancel	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5162	ALL	651227.4	4185820	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5163	ALL	651244.8	4185783	3.53E-10	40YrCancel	3.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5164	ALL	651262.3	4185745	3.49E-10	40YrCancel	3.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5165	ALL	651279.7	4185707	3.46E-10	40YrCancel	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5166	ALL	651297.1	4185669	3.43E-10	40YrCancel	3.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5167	ALL	651314.5	4185632	3.39E-10	40YrCancel	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5168	ALL	651331.9	4185594	3.36E-10	40YrCancel	3.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5169	ALL	651349.4	4185556	3.33E-10	40YrCancel	3.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5170	ALL	651366.8	4185518	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5171	ALL	651384.2	4185480	3.27E-10	40YrCancel	3.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5172	ALL	651401.6	4185443	3.25E-10	40YrCancel	3.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5173	ALL	651429.8	4185416	3.25E-10	40YrCancel	3.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5174	ALL	651468.7	4185402	3.27E-10	40YrCancel	3.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5175	ALL	651507.6	4185387	3.29E-10	40YrCancel	3.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5176	ALL	651546.5	4185372	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5177	ALL	651585.4	4185357	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5178	ALL	651624.3	4185343	3.37E-10	40YrCancel	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5179	ALL	651663.3	4185328	3.41E-10	40YrCancel	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5180	ALL	651702.2	4185313	3.44E-10	40YrCancel	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5181	ALL	651741.1	4185299	3.48E-10	40YrCancel	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5182	ALL	651780	4185284	3.53E-10	40YrCancel	3.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5183	ALL	651818.9	4185269	3.56E-10	40YrCancel	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5184	ALL	651857.8	4185254	3.60E-10	40YrCancel	3.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5185	ALL	651896.7	4185240	3.62E-10	40YrCancel	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5186	ALL	651935.6	4185225	3.65E-10	40YrCancel	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5187	ALL	651974.6	4185210	3.67E-10	40YrCancel	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5188	ALL	652013.5	4185196	3.69E-10	40YrCancel	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5189	ALL	652052.4	4185181	3.72E-10	40YrCancel	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5190	ALL	652091.3	4185166	3.75E-10	40YrCancel	3.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5191	ALL	652130.2	4185151	3.79E-10	40YrCancel	3.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5192	ALL	652169.1	4185137	3.84E-10	40YrCancel	3.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5193	ALL	652208	4185122	3.90E-10	40YrCancel	3.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5194	ALL	652246.9	4185107	3.96E-10	40YrCancel	3.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5195	ALL	652285.8	4185092	4.03E-10	40YrCancel	4.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5196	ALL	652324.8	4185078	4.09E-10	40YrCancel	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5197	ALL	652363.7	4185063	4.15E-10	40YrCancel	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5198	ALL	652402.6	4185048	4.20E-10	40YrCancel	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5199	ALL	652441.5	4185034	4.25E-10	40YrCancel	4.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5200	ALL	652480.4	4185019	4.29E-10	40YrCancel	4.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5201	ALL	652519.3	4185004	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5202	ALL	652558.2	4184989	4.36E-10	40YrCancel	4.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5203	ALL	652597.1	4184975	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5204	ALL	652636	4184960	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5205	ALL	652675	4184945	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5206	ALL	652713.9	4184930	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5207	ALL	652752.8	4184916	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5208	ALL	652791.7	4184901	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5209	ALL	652830.6	4184886	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5210	ALL	652869.5	4184872	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5211	ALL	652908.4	4184857	4.44E-10	40YrCancel	4.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5212	ALL	652947.3	4184842	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5213	ALL	652986.3	4184827	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5214	ALL	653025.2	4184813	4.37E-10	40YrCancel	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5215	ALL	653064.1	4184798	4.34E-10	40YrCancel	4.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5216	ALL	653103	4184783	4.31E-10	40YrCancel	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5217	ALL	653141.9	4184768	4.28E-10	40YrCancel	4.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5218	ALL	653180.8	4184754	4.26E-10	40YrCancel	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5219	ALL	653219.7	4184739	4.23E-10	40YrCancel	4.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5220	ALL	653258.6	4184724	4.20E-10	40YrCancel	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5221	ALL	653297.5	4184710	4.16E-10	40YrCancel	4.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5222	ALL	653336.5	4184695	4.12E-10	40YrCancel	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5223	ALL	653375.4	4184680	4.07E-10	40YrCancel	4.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5224	ALL	653414.3	4184665	4.01E-10	40YrCancel	4.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5225	ALL	653453.2	4184651	3.94E-10	40YrCancel	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5226	ALL	653492.1	4184636	3.87E-10	40YrCancel	3.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5227	ALL	653531	4184621	3.79E-10	40YrCancel	3.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5228	ALL	653569.9	4184606	3.72E-10	40YrCancel	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5229	ALL	653608.8	4184592	3.66E-10	40YrCancel	3.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5230	ALL	653647.8	4184577	3.61E-10	40YrCancel	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5231	ALL	653686.7	4184562	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5232	ALL	653725.6	4184548	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5233	ALL	650346.7	4187749	4.79E-10	40YrCancel	4.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5234	ALL	650344.9	4187791	4.82E-10	40YrCancel	4.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5235	ALL	650343.1	4187833	4.86E-10	40YrCancel	4.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5236	ALL	649856.8	4187688	3.80E-10	40YrCancel	3.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5237	ALL	649874.3	4187650	3.81E-10	40YrCancel	3.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5238	ALL	649891.7	4187612	3.82E-10	40YrCancel	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5239	ALL	649909.2	4187574	3.82E-10	40YrCancel	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5240	ALL	649926.6	4187536	3.83E-10	40YrCancel	3.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5241	ALL	649944.1	4187499	3.82E-10	40YrCancel	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5242	ALL	649961.5	4187461	3.81E-10	40YrCancel	3.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5243	ALL	649979	4187423	3.80E-10	40YrCancel	3.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5244	ALL	649996.4	4187385	3.78E-10	40YrCancel	3.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5245	ALL	650013.9	4187347	3.76E-10	40YrCancel	3.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5246	ALL	650031.3	4187309	3.74E-10	40YrCancel	3.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5247	ALL	650048.8	4187272	3.72E-10	40YrCancel	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5248	ALL	650066.2	4187234	3.71E-10	40YrCancel	3.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5249	ALL	650083.7	4187196	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5250	ALL	650101.1	4187158	3.69E-10	40YrCancel	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5251	ALL	650118.6	4187120	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5252	ALL	650136	4187082	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5253	ALL	650153.4	4187045	3.70E-10	40YrCancel	3.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5254	ALL	650170.9	4187007	3.71E-10	40YrCancel	3.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5255	ALL	650188.3	4186969	3.71E-10	40YrCancel	3.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5256	ALL	650205.8	4186931	3.69E-10	40YrCancel	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5257	ALL	650223.2	4186893	3.67E-10	40YrCancel	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5258	ALL	650240.7	4186855	3.64E-10	40YrCancel	3.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5259	ALL	650258.1	4186817	3.61E-10	40YrCancel	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5260	ALL	650275.6	4186780	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5261	ALL	650293	4186742	3.54E-10	40YrCancel	3.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5262	ALL	650310.5	4186704	3.52E-10	40YrCancel	3.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5263	ALL	650327.9	4186666	3.50E-10	40YrCancel	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5264	ALL	650345.4	4186628	3.48E-10	40YrCancel	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5265	ALL	650362.8	4186590	3.47E-10	40YrCancel	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5266	ALL	650380.3	4186553	3.46E-10	40YrCancel	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5267	ALL	650397.7	4186515	3.46E-10	40YrCancel	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5268	ALL	650415.2	4186477	3.45E-10	40YrCancel	3.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5269	ALL	650432.6	4186439	3.44E-10	40YrCancel	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5270	ALL	650450	4186401	3.43E-10	40YrCancel	3.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5271	ALL	650467.5	4186363	3.41E-10	40YrCancel	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5272	ALL	650484.9	4186326	3.40E-10	40YrCancel	3.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5273	ALL	650502.4	4186288	3.39E-10	40YrCancel	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5274	ALL	650519.8	4186250	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5275	ALL	650537.3	4186212	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5276	ALL	650554.7	4186174	3.37E-10	40YrCancel	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5277	ALL	650572.2	4186136	3.36E-10	40YrCancel	3.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5278	ALL	650589.6	4186099	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5279	ALL	650607.1	4186061	3.31E-10	40YrCancel	3.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5280	ALL	650624.5	4186023	3.28E-10	40YrCancel	3.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5281	ALL	650642	4185985	3.25E-10	40YrCancel	3.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5282	ALL	650659.4	4185947	3.21E-10	40YrCancel	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5283	ALL	650676.9	4185909	3.18E-10	40YrCancel	3.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5284	ALL	650694.3	4185872	3.15E-10	40YrCancel	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5285	ALL	650711.7	4185834	3.12E-10	40YrCancel	3.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5286	ALL	650729.2	4185796	3.09E-10	40YrCancel	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5287	ALL	650746.6	4185758	3.05E-10	40YrCancel	3.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5288	ALL	650764.1	4185720	3.03E-10	40YrCancel	3.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5289	ALL	650781.5	4185682	3.00E-10	40YrCancel	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5290	ALL	650799	4185644	2.97E-10	40YrCancel	2.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5291	ALL	650816.4	4185607	2.93E-10	40YrCancel	2.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5292	ALL	650833.9	4185569	2.90E-10	40YrCancel	2.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5293	ALL	650851.3	4185531	2.87E-10	40YrCancel	2.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5294	ALL	650868.8	4185493	2.84E-10	40YrCancel	2.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5295	ALL	650886.2	4185455	2.82E-10	40YrCancel	2.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5296	ALL	650903.7	4185417	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5297	ALL	650921.1	4185380	2.77E-10	40YrCancel	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5298	ALL	650938.6	4185342	2.75E-10	40YrCancel	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5299	ALL	650956	4185304	2.72E-10	40YrCancel	2.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5300	ALL	650973.5	4185266	2.70E-10	40YrCancel	2.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5301	ALL	650990.9	4185228	2.67E-10	40YrCancel	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5302	ALL	651008.3	4185190	2.65E-10	40YrCancel	2.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5303	ALL	651025.8	4185153	2.63E-10	40YrCancel	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5304	ALL	651043.2	4185115	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5305	ALL	651060.7	4185077	2.60E-10	40YrCancel	2.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5306	ALL	651088.9	4185051	2.60E-10	40YrCancel	2.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5307	ALL	651127.9	4185036	2.62E-10	40YrCancel	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5308	ALL	651166.8	4185021	2.63E-10	40YrCancel	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5309	ALL	651205.8	4185006	2.65E-10	40YrCancel	2.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5310	ALL	651244.8	4184992	2.67E-10	40YrCancel	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5311	ALL	651283.7	4184977	2.69E-10	40YrCancel	2.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5312	ALL	651322.7	4184962	2.71E-10	40YrCancel	2.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5313	ALL	651361.7	4184947	2.73E-10	40YrCancel	2.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5314	ALL	651400.7	4184933	2.76E-10	40YrCancel	2.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5315	ALL	651439.6	4184918	2.79E-10	40YrCancel	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5316	ALL	651478.6	4184903	2.82E-10	40YrCancel	2.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5317	ALL	651517.6	4184888	2.84E-10	40YrCancel	2.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5318	ALL	651556.5	4184874	2.87E-10	40YrCancel	2.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5319	ALL	651595.5	4184859	2.89E-10	40YrCancel	2.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5320	ALL	651634.5	4184844	2.91E-10	40YrCancel	2.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5321	ALL	651673.4	4184829	2.92E-10	40YrCancel	2.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5322	ALL	651712.4	4184815	2.94E-10	40YrCancel	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5323	ALL	651751.4	4184800	2.95E-10	40YrCancel	2.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5324	ALL	651790.4	4184785	2.97E-10	40YrCancel	2.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5325	ALL	651829.3	4184770	2.99E-10	40YrCancel	2.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5326	ALL	651868.3	4184756	3.01E-10	40YrCancel	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5327	ALL	651907.3	4184741	3.04E-10	40YrCancel	3.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5328	ALL	651946.2	4184726	3.08E-10	40YrCancel	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5329	ALL	651985.2	4184711	3.12E-10	40YrCancel	3.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5330	ALL	652024.2	4184697	3.17E-10	40YrCancel	3.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5331	ALL	652063.1	4184682	3.21E-10	40YrCancel	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5332	ALL	652102.1	4184667	3.26E-10	40YrCancel	3.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5333	ALL	652141.1	4184652	3.30E-10	40YrCancel	3.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5334	ALL	652180.1	4184638	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5335	ALL	652219	4184623	3.38E-10	40YrCancel	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5336	ALL	652258	4184608	3.41E-10	40YrCancel	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5337	ALL	652297	4184593	3.44E-10	40YrCancel	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5338	ALL	652335.9	4184579	3.47E-10	40YrCancel	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5339	ALL	652374.9	4184564	3.49E-10	40YrCancel	3.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5340	ALL	652413.9	4184549	3.50E-10	40YrCancel	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5341	ALL	652452.8	4184534	3.52E-10	40YrCancel	3.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5342	ALL	652491.8	4184520	3.53E-10	40YrCancel	3.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5343	ALL	652530.8	4184505	3.55E-10	40YrCancel	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5344	ALL	652569.8	4184490	3.56E-10	40YrCancel	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5345	ALL	652608.7	4184475	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5346	ALL	652647.7	4184461	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5347	ALL	652686.7	4184446	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5348	ALL	652725.6	4184431	3.58E-10	40YrCancel	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5349	ALL	652764.6	4184416	3.57E-10	40YrCancel	3.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5350	ALL	652803.6	4184402	3.56E-10	40YrCancel	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5351	ALL	652842.5	4184387	3.54E-10	40YrCancel	3.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5352	ALL	652881.5	4184372	3.52E-10	40YrCancel	3.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5353	ALL	652920.5	4184357	3.51E-10	40YrCancel	3.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5354	ALL	652959.4	4184343	3.48E-10	40YrCancel	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5355	ALL	652998.4	4184328	3.46E-10	40YrCancel	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5356	ALL	653037.4	4184313	3.45E-10	40YrCancel	3.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5357	ALL	653076.4	4184299	3.43E-10	40YrCancel	3.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5358	ALL	653115.3	4184284	3.41E-10	40YrCancel	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5359	ALL	653154.3	4184269	3.39E-10	40YrCancel	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5360	ALL	653193.3	4184254	3.37E-10	40YrCancel	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5361	ALL	653232.2	4184240	3.34E-10	40YrCancel	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5362	ALL	653271.2	4184225	3.32E-10	40YrCancel	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5363	ALL	653310.2	4184210	3.28E-10	40YrCancel	3.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5364	ALL	653349.1	4184195	3.24E-10	40YrCancel	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5365	ALL	653388.1	4184181	3.20E-10	40YrCancel	3.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5366	ALL	653427.1	4184166	3.15E-10	40YrCancel	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5367	ALL	653466.1	4184151	3.09E-10	40YrCancel	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5368	ALL	653505	4184136	3.04E-10	40YrCancel	3.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5369	ALL	653544	4184122	2.99E-10	40YrCancel	2.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5370	ALL	653583	4184107	2.94E-10	40YrCancel	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5371	ALL	653621.9	4184092	2.90E-10	40YrCancel	2.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5372	ALL	653660.9	4184077	2.87E-10	40YrCancel	2.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5373	ALL	653699.9	4184063	2.85E-10	40YrCancel	2.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5374	ALL	653738.8	4184048	2.84E-10	40YrCancel	2.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5375	ALL	649847.2	4187728	3.81E-10	40YrCancel	3.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5376	ALL	649845.4	4187769	3.83E-10	40YrCancel	3.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5377	ALL	649843.6	4187811	3.86E-10	40YrCancel	3.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5378	ALL	653669	4187987	5.01E-07	40YrCancel	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5379	ALL	653652.2	4188006	3.10E-07	40YrCancel	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5380	ALL	653635.4	4188024	1.94E-07	40YrCancel	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5381	ALL	653618	4188041	1.32E-07	40YrCancel	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5382	ALL	653608.6	4188019	1.39E-07	40YrCancel	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5383	ALL	653599.3	4187997	1.35E-07	40YrCancel	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5384	ALL	653631.7	4188061	1.25E-07	40YrCancel	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5385	ALL	653584.5	4188079	7.21E-08	40YrCancel	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5386	ALL	653575.6	4188058	7.67E-08	40YrCancel	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5387	ALL	653566.7	4188036	7.97E-08	40YrCancel	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5388	ALL	653557.8	4188015	7.93E-08	40YrCancel	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5389	ALL	653549	4187994	7.54E-08	40YrCancel	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5390	ALL	653598.1	4188098	6.86E-08	40YrCancel	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5391	ALL	653550.7	4188115	4.62E-08	40YrCancel	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5392	ALL	653541.3	4188093	4.88E-08	40YrCancel	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5393	ALL	653532	4188071	5.11E-08	40YrCancel	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5394	ALL	653522.7	4188048	5.25E-08	40YrCancel	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5395	ALL	653513.4	4188026	5.22E-08	40YrCancel	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5396	ALL	653504.1	4188004	5.06E-08	40YrCancel	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5397	ALL	653517.1	4188153	3.24E-08	40YrCancel	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5398	ALL	653508.1	4188131	3.39E-08	40YrCancel	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5399	ALL	653499	4188109	3.53E-08	40YrCancel	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5400	ALL	653490	4188087	3.67E-08	40YrCancel	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5401	ALL	653480.9	4188066	3.75E-08	40YrCancel	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5402	ALL	653471.9	4188044	3.75E-08	40YrCancel	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5403	ALL	653462.8	4188022	3.69E-08	40YrCancel	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5404	ALL	653453.7	4188000	3.57E-08	40YrCancel	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5405	ALL	653483.4	4188189	2.41E-08	40YrCancel	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5406	ALL	653474	4188167	2.52E-08	40YrCancel	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5407	ALL	653464.7	4188145	2.61E-08	40YrCancel	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5408	ALL	653455.4	4188122	2.71E-08	40YrCancel	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5409	ALL	653446.1	4188100	2.79E-08	40YrCancel	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5410	ALL	653436.8	4188078	2.83E-08	40YrCancel	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5411	ALL	653427.5	4188055	2.83E-08	40YrCancel	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5412	ALL	653418.2	4188033	2.79E-08	40YrCancel	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5413	ALL	653408.8	4188010	2.73E-08	40YrCancel	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5414	ALL	653399.5	4187988	2.60E-08	40YrCancel	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5415	ALL	653449.8	4188227	1.88E-08	40YrCancel	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5416	ALL	653440.7	4188205	1.95E-08	40YrCancel	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5417	ALL	653431.5	4188183	2.01E-08	40YrCancel	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5418	ALL	653422.4	4188161	2.07E-08	40YrCancel	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5419	ALL	653413.3	4188139	2.14E-08	40YrCancel	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5420	ALL	653404.2	4188117	2.19E-08	40YrCancel	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5421	ALL	653395	4188095	2.22E-08	40YrCancel	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5422	ALL	653385.9	4188073	2.23E-08	40YrCancel	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5423	ALL	653376.8	4188051	2.21E-08	40YrCancel	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5424	ALL	653367.6	4188029	2.18E-08	40YrCancel	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5425	ALL	653358.5	4188007	2.13E-08	40YrCancel	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5426	ALL	653349.4	4187985	2.03E-08	40YrCancel	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5427	ALL	653382.3	4188300	1.24E-08	40YrCancel	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5428	ALL	653372.9	4188277	1.28E-08	40YrCancel	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5429	ALL	653363.4	4188255	1.32E-08	40YrCancel	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5430	ALL	653353.9	4188232	1.35E-08	40YrCancel	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5431	ALL	653344.5	4188209	1.39E-08	40YrCancel	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5432	ALL	653335	4188186	1.42E-08	40YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5433	ALL	653325.5	4188164	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5434	ALL	653316.1	4188141	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5435	ALL	653306.6	4188118	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5436	ALL	653297.1	4188096	1.49E-08	40YrCancel	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5437	ALL	653287.7	4188073	1.48E-08	40YrCancel	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5438	ALL	653278.2	4188050	1.47E-08	40YrCancel	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5439	ALL	653268.7	4188027	1.46E-08	40YrCancel	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5440	ALL	653259.3	4188005	1.42E-08	40YrCancel	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5441	ALL	653249.8	4187982	1.36E-08	40YrCancel	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5442	ALL	653396.2	4188320	1.21E-08	40YrCancel	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5443	ALL	653315	4188374	8.93E-09	40YrCancel	8.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5444	ALL	653305.6	4188351	9.19E-09	40YrCancel	9.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5445	ALL	653296.2	4188329	9.38E-09	40YrCancel	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5446	ALL	653286.7	4188306	9.56E-09	40YrCancel	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5447	ALL	653277.3	4188283	9.76E-09	40YrCancel	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5448	ALL	653267.8	4188261	9.99E-09	40YrCancel	9.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5449	ALL	653258.4	4188238	1.02E-08	40YrCancel	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5450	ALL	653249	4188215	1.05E-08	40YrCancel	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5451	ALL	653239.5	4188193	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5452	ALL	653230.1	4188170	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5453	ALL	653220.7	4188147	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5454	ALL	653211.2	4188125	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5455	ALL	653201.8	4188102	1.08E-08	40YrCancel	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5456	ALL	653192.4	4188079	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5457	ALL	653182.9	4188057	1.07E-08	40YrCancel	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5458	ALL	653173.5	4188034	1.06E-08	40YrCancel	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5459	ALL	653164	4188011	1.04E-08	40YrCancel	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5460	ALL	653154.6	4187989	1.00E-08	40YrCancel	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5461	ALL	653328.9	4188394	8.71E-09	40YrCancel	8.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5462	ALL	653247.7	4188448	6.79E-09	40YrCancel	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5463	ALL	653238.3	4188426	6.97E-09	40YrCancel	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5464	ALL	653228.9	4188403	7.10E-09	40YrCancel	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5465	ALL	653219.5	4188380	7.22E-09	40YrCancel	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5466	ALL	653210.1	4188358	7.33E-09	40YrCancel	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5467	ALL	653200.7	4188335	7.46E-09	40YrCancel	7.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5468	ALL	653191.2	4188312	7.61E-09	40YrCancel	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5469	ALL	653181.8	4188290	7.77E-09	40YrCancel	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5470	ALL	653172.4	4188267	7.93E-09	40YrCancel	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5471	ALL	653163	4188245	8.06E-09	40YrCancel	8.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5472	ALL	653153.6	4188222	8.16E-09	40YrCancel	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5473	ALL	653144.1	4188199	8.25E-09	40YrCancel	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5474	ALL	653134.7	4188177	8.30E-09	40YrCancel	8.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5475	ALL	653125.3	4188154	8.30E-09	40YrCancel	8.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5476	ALL	653115.9	4188131	8.26E-09	40YrCancel	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5477	ALL	653106.5	4188109	8.22E-09	40YrCancel	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5478	ALL	653097.1	4188086	8.20E-09	40YrCancel	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5479	ALL	653087.6	4188064	8.19E-09	40YrCancel	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5480	ALL	653078.2	4188041	8.12E-09	40YrCancel	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5481	ALL	653068.8	4188018	7.97E-09	40YrCancel	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5482	ALL	653059.4	4187996	7.73E-09	40YrCancel	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5483	ALL	653050	4187973	7.44E-09	40YrCancel	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5484	ALL	653180.4	4188522	5.37E-09	40YrCancel	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5485	ALL	653171	4188500	5.50E-09	40YrCancel	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5486	ALL	653161.6	4188477	5.60E-09	40YrCancel	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5487	ALL	653152.2	4188454	5.68E-09	40YrCancel	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5488	ALL	653142.8	4188432	5.75E-09	40YrCancel	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5489	ALL	653133.4	4188409	5.83E-09	40YrCancel	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5490	ALL	653124	4188387	5.92E-09	40YrCancel	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5491	ALL	653114.6	4188364	6.02E-09	40YrCancel	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5492	ALL	653105.2	4188341	6.14E-09	40YrCancel	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5493	ALL	653095.8	4188319	6.25E-09	40YrCancel	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5494	ALL	653086.4	4188296	6.35E-09	40YrCancel	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5495	ALL	653077	4188274	6.43E-09	40YrCancel	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5496	ALL	653067.6	4188251	6.50E-09	40YrCancel	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5497	ALL	653058.2	4188228	6.56E-09	40YrCancel	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5498	ALL	653048.8	4188206	6.59E-09	40YrCancel	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5499	ALL	653039.4	4188183	6.60E-09	40YrCancel	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5500	ALL	653030	4188161	6.56E-09	40YrCancel	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5501	ALL	653020.6	4188138	6.53E-09	40YrCancel	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5502	ALL	653011.2	4188115	6.51E-09	40YrCancel	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5503	ALL	653001.8	4188093	6.51E-09	40YrCancel	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5504	ALL	652992.4	4188070	6.51E-09	40YrCancel	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5505	ALL	652983	4188048	6.45E-09	40YrCancel	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5506	ALL	652973.6	4188025	6.34E-09	40YrCancel	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5507	ALL	652964.1	4188003	6.18E-09	40YrCancel	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5508	ALL	652954.7	4187980	5.98E-09	40YrCancel	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5509	ALL	653113.1	4188596	4.37E-09	40YrCancel	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5510	ALL	653103.8	4188574	4.47E-09	40YrCancel	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5511	ALL	653094.4	4188551	4.54E-09	40YrCancel	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5512	ALL	653085	4188528	4.60E-09	40YrCancel	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5513	ALL	653075.6	4188506	4.65E-09	40YrCancel	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5514	ALL	653066.2	4188483	4.70E-09	40YrCancel	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5515	ALL	653056.8	4188461	4.76E-09	40YrCancel	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5516	ALL	653047.4	4188438	4.83E-09	40YrCancel	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5517	ALL	653038	4188416	4.91E-09	40YrCancel	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5518	ALL	653028.6	4188393	4.99E-09	40YrCancel	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5519	ALL	653019.2	4188370	5.08E-09	40YrCancel	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5520	ALL	653009.8	4188348	5.15E-09	40YrCancel	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5521	ALL	653000.4	4188325	5.21E-09	40YrCancel	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5522	ALL	652991	4188303	5.26E-09	40YrCancel	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5523	ALL	652981.6	4188280	5.31E-09	40YrCancel	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5524	ALL	652972.2	4188258	5.36E-09	40YrCancel	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5525	ALL	652962.8	4188235	5.39E-09	40YrCancel	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5526	ALL	652953.5	4188212	5.39E-09	40YrCancel	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5527	ALL	652944.1	4188190	5.37E-09	40YrCancel	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5528	ALL	652934.7	4188167	5.33E-09	40YrCancel	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5529	ALL	652925.3	4188145	5.31E-09	40YrCancel	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5530	ALL	652915.9	4188122	5.31E-09	40YrCancel	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5531	ALL	652906.5	4188100	5.32E-09	40YrCancel	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5532	ALL	652897.1	4188077	5.32E-09	40YrCancel	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5533	ALL	652887.7	4188055	5.28E-09	40YrCancel	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5534	ALL	652878.3	4188032	5.20E-09	40YrCancel	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5535	ALL	652868.9	4188009	5.08E-09	40YrCancel	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5536	ALL	652859.5	4187987	4.94E-09	40YrCancel	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5537	ALL	652850.1	4187964	4.78E-09	40YrCancel	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5538	ALL	653127	4188616	4.29E-09	40YrCancel	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5539	ALL	652944.9	4188781	2.86E-09	40YrCancel	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5540	ALL	652935.4	4188758	2.92E-09	40YrCancel	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5541	ALL	652926	4188736	2.96E-09	40YrCancel	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5542	ALL	652916.6	4188713	2.99E-09	40YrCancel	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5543	ALL	652907.1	4188690	3.02E-09	40YrCancel	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5544	ALL	652897.7	4188668	3.04E-09	40YrCancel	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5545	ALL	652888.2	4188645	3.07E-09	40YrCancel	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5546	ALL	652878.8	4188622	3.09E-09	40YrCancel	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5547	ALL	652869.4	4188600	3.12E-09	40YrCancel	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5548	ALL	652859.9	4188577	3.16E-09	40YrCancel	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5549	ALL	652850.5	4188554	3.20E-09	40YrCancel	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5550	ALL	652841.1	4188532	3.24E-09	40YrCancel	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5551	ALL	652831.6	4188509	3.29E-09	40YrCancel	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5552	ALL	652822.2	4188486	3.33E-09	40YrCancel	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5553	ALL	652812.7	4188464	3.37E-09	40YrCancel	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5554	ALL	652803.3	4188441	3.40E-09	40YrCancel	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5555	ALL	652793.9	4188418	3.43E-09	40YrCancel	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5556	ALL	652784.4	4188396	3.46E-09	40YrCancel	3.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5557	ALL	652775	4188373	3.49E-09	40YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5558	ALL	652765.6	4188350	3.51E-09	40YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5559	ALL	652756.1	4188328	3.54E-09	40YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5560	ALL	652746.7	4188305	3.55E-09	40YrCancel	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5561	ALL	652737.2	4188282	3.55E-09	40YrCancel	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5562	ALL	652727.8	4188260	3.54E-09	40YrCancel	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5563	ALL	652718.4	4188237	3.51E-09	40YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5564	ALL	652708.9	4188214	3.50E-09	40YrCancel	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5565	ALL	652699.5	4188192	3.49E-09	40YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5566	ALL	652690.1	4188169	3.49E-09	40YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5567	ALL	652680.6	4188146	3.51E-09	40YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5568	ALL	652671.2	4188124	3.52E-09	40YrCancel	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5569	ALL	652661.7	4188101	3.51E-09	40YrCancel	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5570	ALL	652652.3	4188078	3.49E-09	40YrCancel	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5571	ALL	652642.9	4188056	3.45E-09	40YrCancel	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5572	ALL	652633.4	4188033	3.40E-09	40YrCancel	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5573	ALL	652624	4188010	3.33E-09	40YrCancel	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5574	ALL	652614.6	4187987	3.25E-09	40YrCancel	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5575	ALL	652605.1	4187965	3.17E-09	40YrCancel	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5576	ALL	652776.6	4188966	2.05E-09	40YrCancel	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5577	ALL	652767.1	4188943	2.08E-09	40YrCancel	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5578	ALL	652757.7	4188920	2.11E-09	40YrCancel	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5579	ALL	652748.2	4188898	2.13E-09	40YrCancel	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5580	ALL	652738.7	4188875	2.15E-09	40YrCancel	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5581	ALL	652729.3	4188852	2.16E-09	40YrCancel	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5582	ALL	652719.8	4188829	2.17E-09	40YrCancel	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5583	ALL	652710.3	4188807	2.19E-09	40YrCancel	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5584	ALL	652700.9	4188784	2.20E-09	40YrCancel	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5585	ALL	652691.4	4188761	2.22E-09	40YrCancel	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5586	ALL	652681.9	4188738	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5587	ALL	652672.5	4188716	2.25E-09	40YrCancel	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5588	ALL	652663	4188693	2.28E-09	40YrCancel	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5589	ALL	652653.5	4188670	2.30E-09	40YrCancel	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5590	ALL	652644.1	4188648	2.33E-09	40YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5591	ALL	652634.6	4188625	2.36E-09	40YrCancel	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5592	ALL	652625.2	4188602	2.38E-09	40YrCancel	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5593	ALL	652615.7	4188579	2.41E-09	40YrCancel	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5594	ALL	652606.2	4188557	2.43E-09	40YrCancel	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5595	ALL	652596.8	4188534	2.44E-09	40YrCancel	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5596	ALL	652587.3	4188511	2.46E-09	40YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5597	ALL	652577.8	4188488	2.47E-09	40YrCancel	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5598	ALL	652568.4	4188466	2.49E-09	40YrCancel	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5599	ALL	652558.9	4188443	2.51E-09	40YrCancel	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5600	ALL	652549.4	4188420	2.52E-09	40YrCancel	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5601	ALL	652540	4188397	2.54E-09	40YrCancel	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5602	ALL	652530.5	4188375	2.55E-09	40YrCancel	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5603	ALL	652521	4188352	2.55E-09	40YrCancel	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5604	ALL	652511.6	4188329	2.54E-09	40YrCancel	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5605	ALL	652502.1	4188306	2.52E-09	40YrCancel	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5606	ALL	652492.6	4188284	2.51E-09	40YrCancel	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5607	ALL	652483.2	4188261	2.50E-09	40YrCancel	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5608	ALL	652473.7	4188238	2.49E-09	40YrCancel	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5609	ALL	652464.2	4188216	2.50E-09	40YrCancel	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5610	ALL	652454.8	4188193	2.51E-09	40YrCancel	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5611	ALL	652445.3	4188170	2.52E-09	40YrCancel	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5612	ALL	652435.9	4188147	2.53E-09	40YrCancel	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5613	ALL	652426.4	4188125	2.52E-09	40YrCancel	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5614	ALL	652416.9	4188102	2.51E-09	40YrCancel	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5615	ALL	652407.5	4188079	2.49E-09	40YrCancel	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5616	ALL	652398	4188056	2.46E-09	40YrCancel	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5617	ALL	652388.5	4188034	2.42E-09	40YrCancel	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5618	ALL	652379.1	4188011	2.38E-09	40YrCancel	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5619	ALL	652369.6	4187988	2.33E-09	40YrCancel	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5620	ALL	652360.1	4187965	2.28E-09	40YrCancel	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5621	ALL	652350.7	4187943	2.23E-09	40YrCancel	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5622	ALL	652608.4	4189151	1.55E-09	40YrCancel	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5623	ALL	652599	4189128	1.57E-09	40YrCancel	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5624	ALL	652589.6	4189106	1.59E-09	40YrCancel	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5625	ALL	652580.2	4189083	1.61E-09	40YrCancel	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5626	ALL	652570.8	4189060	1.62E-09	40YrCancel	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5627	ALL	652561.4	4189038	1.63E-09	40YrCancel	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5628	ALL	652552	4189015	1.64E-09	40YrCancel	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5629	ALL	652542.6	4188993	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5630	ALL	652533.2	4188970	1.65E-09	40YrCancel	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5631	ALL	652523.8	4188948	1.66E-09	40YrCancel	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5632	ALL	652514.4	4188925	1.67E-09	40YrCancel	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5633	ALL	652505	4188902	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5634	ALL	652495.6	4188880	1.69E-09	40YrCancel	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5635	ALL	652486.2	4188857	1.70E-09	40YrCancel	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5636	ALL	652476.8	4188835	1.72E-09	40YrCancel	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5637	ALL	652467.4	4188812	1.73E-09	40YrCancel	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5638	ALL	652458	4188790	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5639	ALL	652448.6	4188767	1.77E-09	40YrCancel	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5640	ALL	652439.2	4188744	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5641	ALL	652429.8	4188722	1.80E-09	40YrCancel	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5642	ALL	652420.4	4188699	1.82E-09	40YrCancel	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5643	ALL	652411	4188677	1.83E-09	40YrCancel	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5644	ALL	652401.6	4188654	1.84E-09	40YrCancel	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5645	ALL	652392.2	4188632	1.85E-09	40YrCancel	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5646	ALL	652382.8	4188609	1.86E-09	40YrCancel	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5647	ALL	652373.4	4188586	1.87E-09	40YrCancel	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5648	ALL	652364	4188564	1.88E-09	40YrCancel	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5649	ALL	652354.6	4188541	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5650	ALL	652345.2	4188519	1.90E-09	40YrCancel	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5651	ALL	652335.8	4188496	1.92E-09	40YrCancel	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5652	ALL	652326.4	4188473	1.93E-09	40YrCancel	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5653	ALL	652317	4188451	1.93E-09	40YrCancel	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5654	ALL	652307.6	4188428	1.93E-09	40YrCancel	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5655	ALL	652298.2	4188406	1.93E-09	40YrCancel	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5656	ALL	652288.8	4188383	1.92E-09	40YrCancel	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5657	ALL	652279.4	4188361	1.91E-09	40YrCancel	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5658	ALL	652270	4188338	1.90E-09	40YrCancel	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5659	ALL	652260.6	4188315	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5660	ALL	652251.2	4188293	1.88E-09	40YrCancel	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5661	ALL	652241.8	4188270	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5662	ALL	652232.4	4188248	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5663	ALL	652223	4188225	1.90E-09	40YrCancel	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5664	ALL	652213.6	4188203	1.91E-09	40YrCancel	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5665	ALL	652204.2	4188180	1.92E-09	40YrCancel	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5666	ALL	652194.8	4188157	1.92E-09	40YrCancel	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5667	ALL	652185.4	4188135	1.91E-09	40YrCancel	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5668	ALL	652176	4188112	1.90E-09	40YrCancel	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5669	ALL	652166.6	4188090	1.89E-09	40YrCancel	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5670	ALL	652157.2	4188067	1.87E-09	40YrCancel	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5671	ALL	652147.8	4188045	1.84E-09	40YrCancel	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5672	ALL	652138.4	4188022	1.81E-09	40YrCancel	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5673	ALL	652129	4187999	1.78E-09	40YrCancel	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5674	ALL	652119.6	4187977	1.75E-09	40YrCancel	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5675	ALL	652110.2	4187954	1.71E-09	40YrCancel	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5676	ALL	652100.8	4187932	1.68E-09	40YrCancel	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5677	ALL	652622.2	4189170	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5678	ALL	652440.1	4189336	1.22E-09	40YrCancel	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5679	ALL	652430.7	4189313	1.24E-09	40YrCancel	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5680	ALL	652421.2	4189290	1.25E-09	40YrCancel	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5681	ALL	652411.8	4189268	1.26E-09	40YrCancel	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5682	ALL	652402.4	4189245	1.27E-09	40YrCancel	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5683	ALL	652393	4189222	1.28E-09	40YrCancel	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5684	ALL	652383.6	4189200	1.29E-09	40YrCancel	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5685	ALL	652374.1	4189177	1.29E-09	40YrCancel	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5686	ALL	652364.7	4189155	1.30E-09	40YrCancel	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5687	ALL	652355.3	4189132	1.30E-09	40YrCancel	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5688	ALL	652345.9	4189109	1.31E-09	40YrCancel	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5689	ALL	652336.4	4189087	1.31E-09	40YrCancel	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5690	ALL	652327	4189064	1.32E-09	40YrCancel	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5691	ALL	652317.6	4189041	1.32E-09	40YrCancel	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5692	ALL	652308.2	4189019	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5693	ALL	652298.7	4188996	1.34E-09	40YrCancel	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5694	ALL	652289.3	4188973	1.35E-09	40YrCancel	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5695	ALL	652279.9	4188951	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5696	ALL	652270.5	4188928	1.37E-09	40YrCancel	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5697	ALL	652261	4188906	1.38E-09	40YrCancel	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5698	ALL	652251.6	4188883	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5699	ALL	652242.2	4188860	1.41E-09	40YrCancel	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5700	ALL	652232.8	4188838	1.42E-09	40YrCancel	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5701	ALL	652223.3	4188815	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5702	ALL	652213.9	4188792	1.44E-09	40YrCancel	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5703	ALL	652204.5	4188770	1.45E-09	40YrCancel	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5704	ALL	652195.1	4188747	1.46E-09	40YrCancel	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5705	ALL	652185.7	4188724	1.46E-09	40YrCancel	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5706	ALL	652176.2	4188702	1.47E-09	40YrCancel	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5707	ALL	652166.8	4188679	1.47E-09	40YrCancel	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5708	ALL	652157.4	4188657	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5709	ALL	652148	4188634	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5710	ALL	652138.5	4188611	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5711	ALL	652129.1	4188589	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5712	ALL	652119.7	4188566	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5713	ALL	652110.3	4188543	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5714	ALL	652100.8	4188521	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5715	ALL	652091.4	4188498	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5716	ALL	652082	4188475	1.53E-09	40YrCancel	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5717	ALL	652072.6	4188453	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5718	ALL	652063.1	4188430	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5719	ALL	652053.7	4188408	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5720	ALL	652044.3	4188385	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5721	ALL	652034.9	4188362	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5722	ALL	652025.4	4188340	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5723	ALL	652016	4188317	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5724	ALL	652006.6	4188294	1.49E-09	40YrCancel	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5725	ALL	651997.2	4188272	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5726	ALL	651987.7	4188249	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5727	ALL	651978.3	4188226	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5728	ALL	651968.9	4188204	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5729	ALL	651959.5	4188181	1.52E-09	40YrCancel	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5730	ALL	651950.1	4188159	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5731	ALL	651940.6	4188136	1.51E-09	40YrCancel	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5732	ALL	651931.2	4188113	1.50E-09	40YrCancel	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5733	ALL	651921.8	4188091	1.48E-09	40YrCancel	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5734	ALL	651912.4	4188068	1.47E-09	40YrCancel	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5735	ALL	651902.9	4188045	1.45E-09	40YrCancel	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5736	ALL	651893.5	4188023	1.43E-09	40YrCancel	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5737	ALL	651884.1	4188000	1.40E-09	40YrCancel	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5738	ALL	651874.7	4187977	1.38E-09	40YrCancel	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5739	ALL	651865.2	4187955	1.36E-09	40YrCancel	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5740	ALL	651855.8	4187932	1.33E-09	40YrCancel	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5741	ALL	652103.6	4189705	8.27E-10	40YrCancel	8.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5742	ALL	652094.1	4189683	8.36E-10	40YrCancel	8.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5743	ALL	652084.6	4189660	8.44E-10	40YrCancel	8.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5744	ALL	652075.2	4189637	8.50E-10	40YrCancel	8.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5745	ALL	652065.7	4189615	8.56E-10	40YrCancel	8.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5746	ALL	652056.3	4189592	8.61E-10	40YrCancel	8.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5747	ALL	652046.8	4189569	8.66E-10	40YrCancel	8.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5748	ALL	652037.4	4189546	8.70E-10	40YrCancel	8.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5749	ALL	652027.9	4189524	8.73E-10	40YrCancel	8.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5750	ALL	652018.4	4189501	8.76E-10	40YrCancel	8.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5751	ALL	652009	4189478	8.78E-10	40YrCancel	8.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5752	ALL	651999.5	4189456	8.80E-10	40YrCancel	8.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5753	ALL	651990.1	4189433	8.82E-10	40YrCancel	8.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5754	ALL	651980.6	4189410	8.84E-10	40YrCancel	8.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5755	ALL	651971.1	4189387	8.87E-10	40YrCancel	8.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5756	ALL	651961.7	4189365	8.89E-10	40YrCancel	8.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5757	ALL	651952.2	4189342	8.93E-10	40YrCancel	8.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5758	ALL	651942.8	4189319	8.97E-10	40YrCancel	8.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5759	ALL	651933.3	4189296	9.01E-10	40YrCancel	9.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5760	ALL	651923.8	4189274	9.07E-10	40YrCancel	9.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5761	ALL	651914.4	4189251	9.12E-10	40YrCancel	9.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5762	ALL	651904.9	4189228	9.18E-10	40YrCancel	9.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5763	ALL	651895.5	4189206	9.23E-10	40YrCancel	9.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5764	ALL	651886	4189183	9.29E-10	40YrCancel	9.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5765	ALL	651876.6	4189160	9.35E-10	40YrCancel	9.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5766	ALL	651867.1	4189137	9.41E-10	40YrCancel	9.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5767	ALL	651857.6	4189115	9.47E-10	40YrCancel	9.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5768	ALL	651848.2	4189092	9.53E-10	40YrCancel	9.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5769	ALL	651838.7	4189069	9.59E-10	40YrCancel	9.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5770	ALL	651829.3	4189047	9.65E-10	40YrCancel	9.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5771	ALL	651819.8	4189024	9.71E-10	40YrCancel	9.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5772	ALL	651810.3	4189001	9.76E-10	40YrCancel	9.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5773	ALL	651800.9	4188978	9.80E-10	40YrCancel	9.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5774	ALL	651791.4	4188956	9.84E-10	40YrCancel	9.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5775	ALL	651782	4188933	9.87E-10	40YrCancel	9.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5776	ALL	651772.5	4188910	9.88E-10	40YrCancel	9.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5777	ALL	651763.1	4188887	9.90E-10	40YrCancel	9.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5778	ALL	651753.6	4188865	9.93E-10	40YrCancel	9.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5779	ALL	651744.1	4188842	9.97E-10	40YrCancel	9.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5780	ALL	651734.7	4188819	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5781	ALL	651725.2	4188797	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5782	ALL	651715.8	4188774	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5783	ALL	651706.3	4188751	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5784	ALL	651696.8	4188728	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5785	ALL	651687.4	4188706	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5786	ALL	651677.9	4188683	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5787	ALL	651668.5	4188660	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5788	ALL	651659	4188638	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5789	ALL	651649.6	4188615	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5790	ALL	651640.1	4188592	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5791	ALL	651630.6	4188569	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5792	ALL	651621.2	4188547	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5793	ALL	651611.7	4188524	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5794	ALL	651602.3	4188501	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5795	ALL	651592.8	4188479	9.99E-10	40YrCancel	9.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5796	ALL	651583.3	4188456	9.97E-10	40YrCancel	9.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5797	ALL	651573.9	4188433	9.97E-10	40YrCancel	9.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5798	ALL	651564.4	4188410	9.99E-10	40YrCancel	9.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5799	ALL	651555	4188388	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5800	ALL	651545.5	4188365	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5801	ALL	651536.1	4188342	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5802	ALL	651526.6	4188319	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5803	ALL	651517.1	4188297	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5804	ALL	651507.7	4188274	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5805	ALL	651498.2	4188251	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5806	ALL	651488.8	4188229	1.03E-09	40YrCancel	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5807	ALL	651479.3	4188206	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5808	ALL	651469.8	4188183	1.02E-09	40YrCancel	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5809	ALL	651460.4	4188160	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5810	ALL	651450.9	4188138	1.01E-09	40YrCancel	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5811	ALL	651441.5	4188115	1.00E-09	40YrCancel	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5812	ALL	651432	4188092	9.91E-10	40YrCancel	9.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5813	ALL	651422.6	4188070	9.81E-10	40YrCancel	9.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5814	ALL	651413.1	4188047	9.70E-10	40YrCancel	9.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5815	ALL	651403.6	4188024	9.58E-10	40YrCancel	9.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5816	ALL	651394.2	4188001	9.45E-10	40YrCancel	9.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5817	ALL	651384.7	4187979	9.32E-10	40YrCancel	9.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5818	ALL	651375.3	4187956	9.18E-10	40YrCancel	9.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5819	ALL	651365.8	4187933	9.05E-10	40YrCancel	9.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5820	ALL	651356.3	4187910	8.92E-10	40YrCancel	8.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5821	ALL	652117.4	4189725	8.21E-10	40YrCancel	8.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5822	ALL	651767.1	4190075	6.05E-10	40YrCancel	6.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5823	ALL	651757.6	4190053	6.10E-10	40YrCancel	6.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5824	ALL	651748.2	4190030	6.15E-10	40YrCancel	6.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5825	ALL	651738.8	4190007	6.19E-10	40YrCancel	6.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5826	ALL	651729.3	4189985	6.23E-10	40YrCancel	6.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5827	ALL	651719.9	4189962	6.26E-10	40YrCancel	6.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5828	ALL	651710.5	4189939	6.29E-10	40YrCancel	6.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5829	ALL	651701	4189917	6.32E-10	40YrCancel	6.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5830	ALL	651691.6	4189894	6.34E-10	40YrCancel	6.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5831	ALL	651682.2	4189871	6.36E-10	40YrCancel	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5832	ALL	651672.7	4189849	6.38E-10	40YrCancel	6.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5833	ALL	651663.3	4189826	6.40E-10	40YrCancel	6.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5834	ALL	651653.9	4189803	6.41E-10	40YrCancel	6.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5835	ALL	651644.4	4189781	6.42E-10	40YrCancel	6.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5836	ALL	651635	4189758	6.43E-10	40YrCancel	6.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5837	ALL	651625.6	4189735	6.43E-10	40YrCancel	6.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5838	ALL	651616.1	4189713	6.44E-10	40YrCancel	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5839	ALL	651606.7	4189690	6.46E-10	40YrCancel	6.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5840	ALL	651597.3	4189667	6.47E-10	40YrCancel	6.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5841	ALL	651587.8	4189645	6.49E-10	40YrCancel	6.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5842	ALL	651578.4	4189622	6.51E-10	40YrCancel	6.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5843	ALL	651569	4189599	6.54E-10	40YrCancel	6.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5844	ALL	651559.5	4189577	6.57E-10	40YrCancel	6.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5845	ALL	651550.1	4189554	6.60E-10	40YrCancel	6.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5846	ALL	651540.7	4189531	6.64E-10	40YrCancel	6.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5847	ALL	651531.2	4189509	6.67E-10	40YrCancel	6.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5848	ALL	651521.8	4189486	6.71E-10	40YrCancel	6.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5849	ALL	651512.4	4189463	6.74E-10	40YrCancel	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5850	ALL	651502.9	4189441	6.78E-10	40YrCancel	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5851	ALL	651493.5	4189418	6.81E-10	40YrCancel	6.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5852	ALL	651484.1	4189395	6.84E-10	40YrCancel	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5853	ALL	651474.6	4189373	6.88E-10	40YrCancel	6.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5854	ALL	651465.2	4189350	6.91E-10	40YrCancel	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5855	ALL	651455.8	4189328	6.95E-10	40YrCancel	6.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5856	ALL	651446.3	4189305	6.98E-10	40YrCancel	6.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5857	ALL	651436.9	4189282	7.02E-10	40YrCancel	7.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5858	ALL	651427.5	4189260	7.05E-10	40YrCancel	7.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5859	ALL	651418	4189237	7.08E-10	40YrCancel	7.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5860	ALL	651408.6	4189214	7.11E-10	40YrCancel	7.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5861	ALL	651399.2	4189192	7.14E-10	40YrCancel	7.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5862	ALL	651389.7	4189169	7.16E-10	40YrCancel	7.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5863	ALL	651380.3	4189146	7.17E-10	40YrCancel	7.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5864	ALL	651370.9	4189124	7.19E-10	40YrCancel	7.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5865	ALL	651361.4	4189101	7.20E-10	40YrCancel	7.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5866	ALL	651352	4189078	7.22E-10	40YrCancel	7.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5867	ALL	651342.6	4189056	7.23E-10	40YrCancel	7.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5868	ALL	651333.1	4189033	7.25E-10	40YrCancel	7.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5869	ALL	651323.7	4189010	7.27E-10	40YrCancel	7.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5870	ALL	651314.3	4188988	7.30E-10	40YrCancel	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5871	ALL	651304.8	4188965	7.33E-10	40YrCancel	7.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5872	ALL	651295.4	4188942	7.36E-10	40YrCancel	7.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5873	ALL	651286	4188920	7.40E-10	40YrCancel	7.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5874	ALL	651276.5	4188897	7.44E-10	40YrCancel	7.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5875	ALL	651267.1	4188874	7.48E-10	40YrCancel	7.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5876	ALL	651257.7	4188852	7.51E-10	40YrCancel	7.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5877	ALL	651248.2	4188829	7.54E-10	40YrCancel	7.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5878	ALL	651238.8	4188806	7.56E-10	40YrCancel	7.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5879	ALL	651229.4	4188784	7.57E-10	40YrCancel	7.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5880	ALL	651219.9	4188761	7.57E-10	40YrCancel	7.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5881	ALL	651210.5	4188738	7.55E-10	40YrCancel	7.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5882	ALL	651201.1	4188716	7.51E-10	40YrCancel	7.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5883	ALL	651191.6	4188693	7.47E-10	40YrCancel	7.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5884	ALL	651182.2	4188670	7.42E-10	40YrCancel	7.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5885	ALL	651172.8	4188648	7.37E-10	40YrCancel	7.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5886	ALL	651163.3	4188625	7.32E-10	40YrCancel	7.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5887	ALL	651153.9	4188602	7.29E-10	40YrCancel	7.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5888	ALL	651144.5	4188580	7.26E-10	40YrCancel	7.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5889	ALL	651135	4188557	7.24E-10	40YrCancel	7.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5890	ALL	651125.6	4188534	7.24E-10	40YrCancel	7.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5891	ALL	651116.2	4188512	7.25E-10	40YrCancel	7.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5892	ALL	651106.7	4188489	7.28E-10	40YrCancel	7.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5893	ALL	651097.3	4188466	7.31E-10	40YrCancel	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5894	ALL	651087.9	4188444	7.34E-10	40YrCancel	7.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5895	ALL	651078.5	4188421	7.39E-10	40YrCancel	7.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5896	ALL	651069	4188398	7.42E-10	40YrCancel	7.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5897	ALL	651059.6	4188376	7.46E-10	40YrCancel	7.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5898	ALL	651050.2	4188353	7.48E-10	40YrCancel	7.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5899	ALL	651040.7	4188330	7.50E-10	40YrCancel	7.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5900	ALL	651031.3	4188308	7.51E-10	40YrCancel	7.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5901	ALL	651021.9	4188285	7.50E-10	40YrCancel	7.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5902	ALL	651012.4	4188263	7.49E-10	40YrCancel	7.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5903	ALL	651003	4188240	7.47E-10	40YrCancel	7.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5904	ALL	650993.6	4188217	7.44E-10	40YrCancel	7.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5905	ALL	650984.1	4188195	7.41E-10	40YrCancel	7.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5906	ALL	650974.7	4188172	7.36E-10	40YrCancel	7.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5907	ALL	650965.3	4188149	7.32E-10	40YrCancel	7.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5908	ALL	650955.8	4188127	7.27E-10	40YrCancel	7.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5909	ALL	650946.4	4188104	7.21E-10	40YrCancel	7.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5910	ALL	650937	4188081	7.14E-10	40YrCancel	7.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5911	ALL	650927.5	4188059	7.07E-10	40YrCancel	7.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5912	ALL	650918.1	4188036	7.00E-10	40YrCancel	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5913	ALL	650908.7	4188013	6.92E-10	40YrCancel	6.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5914	ALL	650899.2	4187991	6.84E-10	40YrCancel	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5915	ALL	650889.8	4187968	6.75E-10	40YrCancel	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5916	ALL	650880.4	4187945	6.67E-10	40YrCancel	6.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5917	ALL	650870.9	4187923	6.59E-10	40YrCancel	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5918	ALL	650861.5	4187900	6.51E-10	40YrCancel	6.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5919	ALL	650852.1	4187877	6.43E-10	40YrCancel	6.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5920	ALL	651780.9	4190095	6.01E-10	40YrCancel	6.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5921	ALL	651430.5	4190445	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5922	ALL	651421.1	4190422	4.68E-10	40YrCancel	4.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5923	ALL	651411.6	4190400	4.72E-10	40YrCancel	4.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5924	ALL	651402.2	4190377	4.75E-10	40YrCancel	4.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5925	ALL	651392.7	4190354	4.77E-10	40YrCancel	4.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5926	ALL	651383.2	4190331	4.80E-10	40YrCancel	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5927	ALL	651373.8	4190309	4.82E-10	40YrCancel	4.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5928	ALL	651364.3	4190286	4.84E-10	40YrCancel	4.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5929	ALL	651354.9	4190263	4.86E-10	40YrCancel	4.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5930	ALL	651345.4	4190241	4.87E-10	40YrCancel	4.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5931	ALL	651336	4190218	4.89E-10	40YrCancel	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5932	ALL	651326.5	4190195	4.90E-10	40YrCancel	4.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5933	ALL	651317.1	4190172	4.91E-10	40YrCancel	4.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5934	ALL	651307.6	4190150	4.92E-10	40YrCancel	4.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5935	ALL	651298.1	4190127	4.93E-10	40YrCancel	4.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5936	ALL	651288.7	4190104	4.94E-10	40YrCancel	4.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5937	ALL	651279.2	4190082	4.94E-10	40YrCancel	4.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5938	ALL	651269.8	4190059	4.95E-10	40YrCancel	4.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5939	ALL	651260.3	4190036	4.95E-10	40YrCancel	4.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5940	ALL	651250.9	4190013	4.96E-10	40YrCancel	4.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5941	ALL	651241.4	4189991	4.97E-10	40YrCancel	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5942	ALL	651232	4189968	4.97E-10	40YrCancel	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5943	ALL	651222.5	4189945	4.98E-10	40YrCancel	4.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5944	ALL	651213	4189923	5.00E-10	40YrCancel	5.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5945	ALL	651203.6	4189900	5.01E-10	40YrCancel	5.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5946	ALL	651194.1	4189877	5.03E-10	40YrCancel	5.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5947	ALL	651184.7	4189854	5.05E-10	40YrCancel	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5948	ALL	651175.2	4189832	5.07E-10	40YrCancel	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5949	ALL	651165.8	4189809	5.09E-10	40YrCancel	5.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5950	ALL	651156.3	4189786	5.12E-10	40YrCancel	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5951	ALL	651146.8	4189764	5.14E-10	40YrCancel	5.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5952	ALL	651137.4	4189741	5.16E-10	40YrCancel	5.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5953	ALL	651127.9	4189718	5.18E-10	40YrCancel	5.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5954	ALL	651118.5	4189695	5.21E-10	40YrCancel	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5955	ALL	651109	4189673	5.23E-10	40YrCancel	5.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5956	ALL	651099.6	4189650	5.25E-10	40YrCancel	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5957	ALL	651090.1	4189627	5.27E-10	40YrCancel	5.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5958	ALL	651080.7	4189605	5.29E-10	40YrCancel	5.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5959	ALL	651071.2	4189582	5.31E-10	40YrCancel	5.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5960	ALL	651061.7	4189559	5.33E-10	40YrCancel	5.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5961	ALL	651052.3	4189536	5.36E-10	40YrCancel	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5962	ALL	651042.8	4189514	5.38E-10	40YrCancel	5.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5963	ALL	651033.4	4189491	5.40E-10	40YrCancel	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5964	ALL	651023.9	4189468	5.43E-10	40YrCancel	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5965	ALL	651014.5	4189446	5.45E-10	40YrCancel	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5966	ALL	651005	4189423	5.46E-10	40YrCancel	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5967	ALL	650995.6	4189400	5.48E-10	40YrCancel	5.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5968	ALL	650986.1	4189377	5.49E-10	40YrCancel	5.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5969	ALL	650976.6	4189355	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5970	ALL	650967.2	4189332	5.51E-10	40YrCancel	5.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5971	ALL	650957.7	4189309	5.52E-10	40YrCancel	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5972	ALL	650948.3	4189287	5.53E-10	40YrCancel	5.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5973	ALL	650938.8	4189264	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5974	ALL	650929.4	4189241	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5975	ALL	650919.9	4189218	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5976	ALL	650910.5	4189196	5.57E-10	40YrCancel	5.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5977	ALL	650901	4189173	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5978	ALL	650891.5	4189150	5.61E-10	40YrCancel	5.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5979	ALL	650882.1	4189128	5.63E-10	40YrCancel	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5980	ALL	650872.6	4189105	5.66E-10	40YrCancel	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5981	ALL	650863.2	4189082	5.67E-10	40YrCancel	5.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5982	ALL	650853.7	4189059	5.70E-10	40YrCancel	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5983	ALL	650844.3	4189037	5.73E-10	40YrCancel	5.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5984	ALL	650834.8	4189014	5.76E-10	40YrCancel	5.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5985	ALL	650825.4	4188991	5.79E-10	40YrCancel	5.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5986	ALL	650815.9	4188969	5.81E-10	40YrCancel	5.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5987	ALL	650806.4	4188946	5.83E-10	40YrCancel	5.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5988	ALL	650797	4188923	5.83E-10	40YrCancel	5.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5989	ALL	650787.5	4188900	5.82E-10	40YrCancel	5.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5990	ALL	650778.1	4188878	5.81E-10	40YrCancel	5.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5991	ALL	650768.6	4188855	5.78E-10	40YrCancel	5.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5992	ALL	650759.2	4188832	5.76E-10	40YrCancel	5.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5993	ALL	650749.7	4188810	5.73E-10	40YrCancel	5.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5994	ALL	650740.2	4188787	5.69E-10	40YrCancel	5.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5995	ALL	650730.8	4188764	5.65E-10	40YrCancel	5.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5996	ALL	650721.3	4188741	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5997	ALL	650711.9	4188719	5.59E-10	40YrCancel	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5998	ALL	650702.4	4188696	5.57E-10	40YrCancel	5.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5999	ALL	650693	4188673	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6000	ALL	650683.5	4188651	5.55E-10	40YrCancel	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6001	ALL	650674.1	4188628	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6002	ALL	650664.6	4188605	5.56E-10	40YrCancel	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6003	ALL	650655.1	4188582	5.58E-10	40YrCancel	5.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6004	ALL	650645.7	4188560	5.60E-10	40YrCancel	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6005	ALL	650636.2	4188537	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6006	ALL	650626.8	4188514	5.65E-10	40YrCancel	5.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6007	ALL	650617.3	4188492	5.68E-10	40YrCancel	5.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6008	ALL	650607.9	4188469	5.70E-10	40YrCancel	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6009	ALL	650598.4	4188446	5.73E-10	40YrCancel	5.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6010	ALL	650589	4188423	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6011	ALL	650579.5	4188401	5.76E-10	40YrCancel	5.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6012	ALL	650570	4188378	5.77E-10	40YrCancel	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6013	ALL	650560.6	4188355	5.77E-10	40YrCancel	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6014	ALL	650551.1	4188333	5.77E-10	40YrCancel	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6015	ALL	650541.7	4188310	5.76E-10	40YrCancel	5.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6016	ALL	650532.2	4188287	5.75E-10	40YrCancel	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6017	ALL	650522.8	4188264	5.73E-10	40YrCancel	5.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6018	ALL	650513.3	4188242	5.70E-10	40YrCancel	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6019	ALL	650503.9	4188219	5.68E-10	40YrCancel	5.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6020	ALL	650494.4	4188196	5.65E-10	40YrCancel	5.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6021	ALL	650484.9	4188174	5.62E-10	40YrCancel	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6022	ALL	650475.5	4188151	5.58E-10	40YrCancel	5.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6023	ALL	650466	4188128	5.54E-10	40YrCancel	5.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6024	ALL	650456.6	4188105	5.50E-10	40YrCancel	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6025	ALL	650447.1	4188083	5.45E-10	40YrCancel	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6026	ALL	650437.7	4188060	5.41E-10	40YrCancel	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6027	ALL	650428.2	4188037	5.35E-10	40YrCancel	5.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6028	ALL	650418.7	4188015	5.30E-10	40YrCancel	5.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6029	ALL	650409.3	4187992	5.25E-10	40YrCancel	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6030	ALL	650399.8	4187969	5.19E-10	40YrCancel	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6031	ALL	650390.4	4187946	5.13E-10	40YrCancel	5.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6032	ALL	650380.9	4187924	5.07E-10	40YrCancel	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6033	ALL	650371.5	4187901	5.01E-10	40YrCancel	5.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6034	ALL	650362	4187878	4.96E-10	40YrCancel	4.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6035	ALL	650352.6	4187856	4.91E-10	40YrCancel	4.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6036	ALL	651094	4190815	3.71E-10	40YrCancel	3.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6037	ALL	651084.6	4190792	3.74E-10	40YrCancel	3.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6038	ALL	651075.1	4190770	3.76E-10	40YrCancel	3.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6039	ALL	651065.7	4190747	3.78E-10	40YrCancel	3.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6040	ALL	651056.3	4190724	3.80E-10	40YrCancel	3.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6041	ALL	651046.8	4190702	3.82E-10	40YrCancel	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6042	ALL	651037.4	4190679	3.83E-10	40YrCancel	3.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6043	ALL	651028	4190656	3.85E-10	40YrCancel	3.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6044	ALL	651018.5	4190634	3.86E-10	40YrCancel	3.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6045	ALL	651009.1	4190611	3.87E-10	40YrCancel	3.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6046	ALL	650999.6	4190588	3.89E-10	40YrCancel	3.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6047	ALL	650990.2	4190566	3.90E-10	40YrCancel	3.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6048	ALL	650980.8	4190543	3.91E-10	40YrCancel	3.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6049	ALL	650971.3	4190520	3.92E-10	40YrCancel	3.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6050	ALL	650961.9	4190497	3.92E-10	40YrCancel	3.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6051	ALL	650952.5	4190475	3.93E-10	40YrCancel	3.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6052	ALL	650943	4190452	3.93E-10	40YrCancel	3.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6053	ALL	650933.6	4190429	3.94E-10	40YrCancel	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6054	ALL	650924.1	4190407	3.94E-10	40YrCancel	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6055	ALL	650914.7	4190384	3.95E-10	40YrCancel	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6056	ALL	650905.3	4190361	3.95E-10	40YrCancel	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6057	ALL	650895.8	4190339	3.95E-10	40YrCancel	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6058	ALL	650886.4	4190316	3.95E-10	40YrCancel	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6059	ALL	650877	4190293	3.96E-10	40YrCancel	3.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6060	ALL	650867.5	4190271	3.96E-10	40YrCancel	3.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6061	ALL	650858.1	4190248	3.97E-10	40YrCancel	3.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6062	ALL	650848.6	4190225	3.98E-10	40YrCancel	3.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6063	ALL	650839.2	4190203	3.99E-10	40YrCancel	3.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6064	ALL	650829.8	4190180	4.00E-10	40YrCancel	4.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6065	ALL	650820.3	4190157	4.01E-10	40YrCancel	4.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6066	ALL	650810.9	4190135	4.03E-10	40YrCancel	4.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6067	ALL	650801.5	4190112	4.04E-10	40YrCancel	4.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6068	ALL	650792	4190089	4.06E-10	40YrCancel	4.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6069	ALL	650782.6	4190067	4.07E-10	40YrCancel	4.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6070	ALL	650773.1	4190044	4.09E-10	40YrCancel	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6071	ALL	650763.7	4190021	4.11E-10	40YrCancel	4.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6072	ALL	650754.3	4189999	4.12E-10	40YrCancel	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6073	ALL	650744.8	4189976	4.14E-10	40YrCancel	4.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6074	ALL	650735.4	4189953	4.15E-10	40YrCancel	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6075	ALL	650726	4189931	4.17E-10	40YrCancel	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6076	ALL	650716.5	4189908	4.18E-10	40YrCancel	4.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6077	ALL	650707.1	4189885	4.19E-10	40YrCancel	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6078	ALL	650697.7	4189863	4.21E-10	40YrCancel	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6079	ALL	650688.2	4189840	4.22E-10	40YrCancel	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6080	ALL	650678.8	4189817	4.24E-10	40YrCancel	4.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6081	ALL	650669.3	4189795	4.25E-10	40YrCancel	4.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6082	ALL	650659.9	4189772	4.27E-10	40YrCancel	4.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6083	ALL	650650.5	4189749	4.28E-10	40YrCancel	4.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6084	ALL	650641	4189727	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6085	ALL	650631.6	4189704	4.31E-10	40YrCancel	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6086	ALL	650622.2	4189681	4.32E-10	40YrCancel	4.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6087	ALL	650612.7	4189659	4.33E-10	40YrCancel	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6088	ALL	650603.3	4189636	4.35E-10	40YrCancel	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6089	ALL	650593.8	4189613	4.36E-10	40YrCancel	4.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6090	ALL	650584.4	4189591	4.37E-10	40YrCancel	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6091	ALL	650575	4189568	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6092	ALL	650565.5	4189545	4.38E-10	40YrCancel	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6093	ALL	650556.1	4189523	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6094	ALL	650546.7	4189500	4.39E-10	40YrCancel	4.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6095	ALL	650537.2	4189477	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6096	ALL	650527.8	4189455	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6097	ALL	650518.3	4189432	4.41E-10	40YrCancel	4.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6098	ALL	650508.9	4189409	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6099	ALL	650499.5	4189387	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6100	ALL	650490	4189364	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6101	ALL	650480.6	4189341	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6102	ALL	650471.2	4189319	4.46E-10	40YrCancel	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6103	ALL	650461.7	4189296	4.48E-10	40YrCancel	4.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6104	ALL	650452.3	4189273	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6105	ALL	650442.8	4189251	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6106	ALL	650433.4	4189228	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6107	ALL	650424	4189205	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6108	ALL	650414.5	4189183	4.58E-10	40YrCancel	4.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6109	ALL	650405.1	4189160	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6110	ALL	650395.7	4189137	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6111	ALL	650386.2	4189115	4.63E-10	40YrCancel	4.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6112	ALL	650376.8	4189092	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6113	ALL	650367.3	4189069	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6114	ALL	650357.9	4189047	4.65E-10	40YrCancel	4.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6115	ALL	650348.5	4189024	4.64E-10	40YrCancel	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6116	ALL	650339	4189001	4.63E-10	40YrCancel	4.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6117	ALL	650329.6	4188979	4.61E-10	40YrCancel	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6118	ALL	650320.2	4188956	4.58E-10	40YrCancel	4.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6119	ALL	650310.7	4188933	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6120	ALL	650301.3	4188911	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6121	ALL	650291.8	4188888	4.50E-10	40YrCancel	4.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6122	ALL	650282.4	4188865	4.47E-10	40YrCancel	4.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6123	ALL	650273	4188843	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6124	ALL	650263.5	4188820	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6125	ALL	650254.1	4188797	4.41E-10	40YrCancel	4.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6126	ALL	650244.7	4188775	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6127	ALL	650235.2	4188752	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6128	ALL	650225.8	4188729	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6129	ALL	650216.3	4188707	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6130	ALL	650206.9	4188684	4.41E-10	40YrCancel	4.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6131	ALL	650197.5	4188661	4.43E-10	40YrCancel	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6132	ALL	650188	4188639	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6133	ALL	650178.6	4188616	4.47E-10	40YrCancel	4.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6134	ALL	650169.2	4188593	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6135	ALL	650159.7	4188571	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6136	ALL	650150.3	4188548	4.54E-10	40YrCancel	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6137	ALL	650140.9	4188525	4.56E-10	40YrCancel	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6138	ALL	650131.4	4188503	4.57E-10	40YrCancel	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6139	ALL	650122	4188480	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6140	ALL	650112.5	4188457	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6141	ALL	650103.1	4188435	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6142	ALL	650093.7	4188412	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6143	ALL	650084.2	4188389	4.60E-10	40YrCancel	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6144	ALL	650074.8	4188367	4.59E-10	40YrCancel	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6145	ALL	650065.4	4188344	4.58E-10	40YrCancel	4.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6146	ALL	650055.9	4188321	4.57E-10	40YrCancel	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6147	ALL	650046.5	4188299	4.55E-10	40YrCancel	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6148	ALL	650037	4188276	4.53E-10	40YrCancel	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6149	ALL	650027.6	4188253	4.51E-10	40YrCancel	4.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6150	ALL	650018.2	4188230	4.49E-10	40YrCancel	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6151	ALL	650008.7	4188208	4.47E-10	40YrCancel	4.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6152	ALL	649999.3	4188185	4.45E-10	40YrCancel	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6153	ALL	649989.9	4188162	4.42E-10	40YrCancel	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6154	ALL	649980.4	4188140	4.40E-10	40YrCancel	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6155	ALL	649971	4188117	4.37E-10	40YrCancel	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6156	ALL	649961.5	4188094	4.34E-10	40YrCancel	4.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6157	ALL	649952.1	4188072	4.30E-10	40YrCancel	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6158	ALL	649942.7	4188049	4.27E-10	40YrCancel	4.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6159	ALL	649933.2	4188026	4.23E-10	40YrCancel	4.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6160	ALL	649923.8	4188004	4.19E-10	40YrCancel	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6161	ALL	649914.4	4187981	4.15E-10	40YrCancer	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6162	ALL	649904.9	4187958	4.10E-10	40YrCancer	4.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6163	ALL	649895.5	4187936	4.06E-10	40YrCancer	4.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6164	ALL	649886	4187913	4.02E-10	40YrCancer	4.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6165	ALL	649876.6	4187890	3.98E-10	40YrCancer	3.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6166	ALL	649867.2	4187868	3.94E-10	40YrCancer	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6167	ALL	649857.7	4187845	3.91E-10	40YrCancer	3.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6168	ALL	651107.8	4190835	3.69E-10	40YrCancer	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6169	ALL	653689.9	4187979	5.52E-07	40YrCancer	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6170	ALL	653699	4187987	3.79E-07	40YrCancer	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6171	ALL	653712.3	4187989	5.85E-07	40YrCancer	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6172	ALL	653810.5	4187989	2.42E-07	40YrCancer	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6173	ALL	653818.4	4187878	1.52E-07	40YrCancer	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6174	ALL	653694.5	4187874	1.32E-07	40YrCancer	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		653690.1	4187328	NonCancer	0.00E+00	1.86E-04	4.85E-03	0.00E+00	0.00E+00	4.85E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.85E-03
2	ALL		653710.1	4187328	NonCancer	0.00E+00	1.91E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
3	ALL		653730.1	4187328	NonCancer	0.00E+00	2.19E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
4	ALL		653750.1	4187328	NonCancer	0.00E+00	2.07E-04	5.17E-03	0.00E+00	0.00E+00	5.17E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.17E-03
5	ALL		653770.1	4187328	NonCancer	0.00E+00	1.91E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
6	ALL		653790.1	4187328	NonCancer	0.00E+00	1.82E-04	4.68E-03	0.00E+00	0.00E+00	4.68E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.68E-03
7	ALL		653810.1	4187328	NonCancer	0.00E+00	1.87E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
8	ALL		653830.1	4187328	NonCancer	0.00E+00	2.02E-04	5.08E-03	0.00E+00	0.00E+00	5.08E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	5.08E-03
9	ALL		653850.1	4187328	NonCancer	0.00E+00	1.94E-04	4.90E-03	0.00E+00	0.00E+00	4.90E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.90E-03
10	ALL		653870.1	4187328	NonCancer	0.00E+00	1.75E-04	4.51E-03	0.00E+00	0.00E+00	4.51E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	4.51E-03
11	ALL		653890.1	4187328	NonCancer	0.00E+00	1.93E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
12	ALL		653910.1	4187328	NonCancer	0.00E+00	1.91E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
13	ALL		653930.1	4187328	NonCancer	0.00E+00	1.85E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
14	ALL		653950.1	4187328	NonCancer	0.00E+00	1.87E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
15	ALL		653970.1	4187328	NonCancer	0.00E+00	1.87E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
16	ALL		653990.1	4187328	NonCancer	0.00E+00	1.86E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
17	ALL		654010.1	4187328	NonCancer	0.00E+00	1.82E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
18	ALL		654030.1	4187328	NonCancer	0.00E+00	1.67E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
19	ALL		654050.1	4187328	NonCancer	0.00E+00	1.70E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
20	ALL		654070.1	4187328	NonCancer	0.00E+00	1.54E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
21	ALL		654090.1	4187328	NonCancer	0.00E+00	1.67E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
22	ALL		654110.1	4187328	NonCancer	0.00E+00	1.65E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
23	ALL		654130.1	4187328	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
24	ALL		654150.1	4187328	NonCancer	0.00E+00	1.39E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
25	ALL		654170.1	4187328	NonCancer	0.00E+00	1.47E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
26	ALL		654190.1	4187328	NonCancer	0.00E+00	1.44E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
27	ALL		654210.1	4187328	NonCancer	0.00E+00	1.31E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
28	ALL		654230.1	4187328	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
29	ALL		654250.1	4187328	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
30	ALL		654270.1	4187328	NonCancer	0.00E+00	1.18E-04	3.02E-03	0.00E+00	0.00E+00	3.02E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
31	ALL		654290.1	4187328	NonCancer	0.00E+00	1.27E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
32	ALL		654310.1	4187328	NonCancer	0.00E+00	1.28E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
33	ALL		654330.1	4187328	NonCancer	0.00E+00	1.20E-04	3.02E-03	0.00E+00	0.00E+00	3.02E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
34	ALL		654350.1	4187328	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
35	ALL		654370.1	4187328	NonCancer	0.00E+00	1.07E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
36	ALL		654390.1	4187328	NonCancer	0.00E+00	9.61E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.61E-05	0.00E+00	9.61E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
37	ALL		654410.1	4187328	NonCancer	0.00E+00	9.98E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.98E-05	0.00E+00	9.98E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
38	ALL		654430.1	4187328	NonCancer	0.00E+00	9.67E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.67E-05	0.00E+00	9.67E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
39	ALL		654450.1	4187328	NonCancer	0.00E+00	9.12E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.12E-05	0.00E+00	9.12E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
40	ALL		654470.1	4187328	NonCancer	0.00E+00	9.46E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.46E-05	0.00E+00	9.46E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
41	ALL		654490.1	4187328	NonCancer	0.00E+00	1.01E-04	2.57E-03	0.00E+00	0.00E+00	2.57E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	2.57E-03
42	ALL		653690.1	4187348	NonCancer	0.00E+00	1.95E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
43	ALL		653710.1	4187348	NonCancer	0.00E+00	1.98E-04	5.19E-03	0.00E+00	0.00E+00	5.19E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.19E-03
44	ALL		653730.1	4187348	NonCancer	0.00E+00	2.28E-04	5.72E-03	0.00E+00	0.00E+00	5.72E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	5.72E-03
45	ALL		653750.1	4187348	NonCancer	0.00E+00	2.16E-04	5.39E-03	0.00E+00	0.00E+00	5.39E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	5.39E-03
46	ALL		653770.1	4187348	NonCancer	0.00E+00	1.98E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
47	ALL		653790.1	4187348	NonCancer	0.00E+00	1.88E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
48	ALL		653810.1	4187348	NonCancer	0.00E+00	1.95E-04	5.02E-03	0.00E+00	0.00E+00	5.02E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	5.02E-03
49	ALL		653830.1	4187348	NonCancer	0.00E+00	2.12E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03

50	ALL	653850.1	4187348	NonCancer	0.00E+00	1.98E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
51	ALL	653870.1	4187348	NonCancer	0.00E+00	1.89E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
52	ALL	653890.1	4187348	NonCancer	0.00E+00	2.01E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
53	ALL	653910.1	4187348	NonCancer	0.00E+00	2.01E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
54	ALL	653930.1	4187348	NonCancer	0.00E+00	1.87E-04	4.77E-03	0.00E+00	0.00E+00	4.77E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.77E-03
55	ALL	653950.1	4187348	NonCancer	0.00E+00	1.95E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
56	ALL	653970.1	4187348	NonCancer	0.00E+00	1.90E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
57	ALL	653990.1	4187348	NonCancer	0.00E+00	1.91E-04	4.81E-03	0.00E+00	0.00E+00	4.81E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	4.81E-03
58	ALL	654010.1	4187348	NonCancer	0.00E+00	1.83E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
59	ALL	654030.1	4187348	NonCancer	0.00E+00	1.79E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
60	ALL	654050.1	4187348	NonCancer	0.00E+00	1.71E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
61	ALL	654070.1	4187348	NonCancer	0.00E+00	1.68E-04	4.28E-03	0.00E+00	0.00E+00	4.28E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.28E-03
62	ALL	654090.1	4187348	NonCancer	0.00E+00	1.76E-04	4.40E-03	0.00E+00	0.00E+00	4.40E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	4.40E-03
63	ALL	654110.1	4187348	NonCancer	0.00E+00	1.62E-04	4.05E-03	0.00E+00	0.00E+00	4.05E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	4.05E-03
64	ALL	654130.1	4187348	NonCancer	0.00E+00	1.43E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
65	ALL	654150.1	4187348	NonCancer	0.00E+00	1.51E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
66	ALL	654170.1	4187348	NonCancer	0.00E+00	1.53E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
67	ALL	654190.1	4187348	NonCancer	0.00E+00	1.40E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
68	ALL	654210.1	4187348	NonCancer	0.00E+00	1.41E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
69	ALL	654230.1	4187348	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
70	ALL	654250.1	4187348	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
71	ALL	654270.1	4187348	NonCancer	0.00E+00	1.32E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
72	ALL	654290.1	4187348	NonCancer	0.00E+00	1.34E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
73	ALL	654310.1	4187348	NonCancer	0.00E+00	1.26E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
74	ALL	654330.1	4187348	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
75	ALL	654350.1	4187348	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
76	ALL	654370.1	4187348	NonCancer	0.00E+00	1.01E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
77	ALL	654390.1	4187348	NonCancer	0.00E+00	1.04E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
78	ALL	654410.1	4187348	NonCancer	0.00E+00	1.00E-04	2.53E-03	0.00E+00	0.00E+00	2.53E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	2.53E-03
79	ALL	654430.1	4187348	NonCancer	0.00E+00	9.53E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.53E-05	0.00E+00	9.53E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
80	ALL	654450.1	4187348	NonCancer	0.00E+00	1.00E-04	2.57E-03	0.00E+00	0.00E+00	2.57E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	2.57E-03
81	ALL	654470.1	4187348	NonCancer	0.00E+00	1.07E-04	2.70E-03	0.00E+00	0.00E+00	2.70E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	2.70E-03
82	ALL	654490.1	4187348	NonCancer	0.00E+00	1.08E-04	2.72E-03	0.00E+00	0.00E+00	2.72E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	2.72E-03
83	ALL	653690.1	4187368	NonCancer	0.00E+00	2.05E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
84	ALL	653710.1	4187368	NonCancer	0.00E+00	2.06E-04	5.39E-03	0.00E+00	0.00E+00	5.39E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	5.39E-03
85	ALL	653730.1	4187368	NonCancer	0.00E+00	2.38E-04	5.96E-03	0.00E+00	0.00E+00	5.96E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	5.96E-03
86	ALL	653750.1	4187368	NonCancer	0.00E+00	2.25E-04	5.61E-03	0.00E+00	0.00E+00	5.61E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	5.61E-03
87	ALL	653770.1	4187368	NonCancer	0.00E+00	2.06E-04	5.20E-03	0.00E+00	0.00E+00	5.20E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.20E-03
88	ALL	653790.1	4187368	NonCancer	0.00E+00	1.95E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
89	ALL	653810.1	4187368	NonCancer	0.00E+00	2.05E-04	5.27E-03	0.00E+00	0.00E+00	5.27E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.27E-03
90	ALL	653830.1	4187368	NonCancer	0.00E+00	2.21E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
91	ALL	653850.1	4187368	NonCancer	0.00E+00	2.00E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
92	ALL	653870.1	4187368	NonCancer	0.00E+00	2.03E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
93	ALL	653890.1	4187368	NonCancer	0.00E+00	2.08E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
94	ALL	653910.1	4187368	NonCancer	0.00E+00	2.09E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
95	ALL	653930.1	4187368	NonCancer	0.00E+00	2.00E-04	5.08E-03	0.00E+00	0.00E+00	5.08E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	5.08E-03
96	ALL	653950.1	4187368	NonCancer	0.00E+00	2.05E-04	5.17E-03	0.00E+00	0.00E+00	5.17E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.17E-03
97	ALL	653970.1	4187368	NonCancer	0.00E+00	2.02E-04	5.10E-03	0.00E+00	0.00E+00	5.10E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.10E-03
98	ALL	653990.1	4187368	NonCancer	0.00E+00	1.99E-04	4.98E-03	0.00E+00	0.00E+00	4.98E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	4.98E-03
99	ALL	654010.1	4187368	NonCancer	0.00E+00	1.82E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03

100	ALL	654030.1	4187368	NonCancer	0.00E+00	1.85E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
101	ALL	654050.1	4187368	NonCancer	0.00E+00	1.68E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
102	ALL	654070.1	4187368	NonCancer	0.00E+00	1.83E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
103	ALL	654090.1	4187368	NonCancer	0.00E+00	1.78E-04	4.44E-03	0.00E+00	0.00E+00	4.44E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.44E-03
104	ALL	654110.1	4187368	NonCancer	0.00E+00	1.54E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
105	ALL	654130.1	4187368	NonCancer	0.00E+00	1.54E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
106	ALL	654150.1	4187368	NonCancer	0.00E+00	1.61E-04	4.05E-03	0.00E+00	0.00E+00	4.05E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	4.05E-03
107	ALL	654170.1	4187368	NonCancer	0.00E+00	1.52E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
108	ALL	654190.1	4187368	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
109	ALL	654210.1	4187368	NonCancer	0.00E+00	1.43E-04	3.59E-03	0.00E+00	0.00E+00	3.59E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.59E-03
110	ALL	654230.1	4187368	NonCancer	0.00E+00	1.28E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
111	ALL	654250.1	4187368	NonCancer	0.00E+00	1.37E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
112	ALL	654270.1	4187368	NonCancer	0.00E+00	1.40E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
113	ALL	654290.1	4187368	NonCancer	0.00E+00	1.33E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
114	ALL	654310.1	4187368	NonCancer	0.00E+00	1.25E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
115	ALL	654330.1	4187368	NonCancer	0.00E+00	1.17E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
116	ALL	654350.1	4187368	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
117	ALL	654370.1	4187368	NonCancer	0.00E+00	1.09E-04	2.74E-03	0.00E+00	0.00E+00	2.74E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	2.74E-03
118	ALL	654390.1	4187368	NonCancer	0.00E+00	1.04E-04	2.64E-03	0.00E+00	0.00E+00	2.64E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	2.64E-03
119	ALL	654410.1	4187368	NonCancer	0.00E+00	1.00E-04	2.57E-03	0.00E+00	0.00E+00	2.57E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	2.57E-03
120	ALL	654430.1	4187368	NonCancer	0.00E+00	1.07E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
121	ALL	654450.1	4187368	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
122	ALL	654470.1	4187368	NonCancer	0.00E+00	1.13E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
123	ALL	654490.1	4187368	NonCancer	0.00E+00	1.08E-04	2.72E-03	0.00E+00	0.00E+00	2.72E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	2.72E-03
124	ALL	653690.1	4187388	NonCancer	0.00E+00	2.16E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
125	ALL	653710.1	4187388	NonCancer	0.00E+00	2.14E-04	5.61E-03	0.00E+00	0.00E+00	5.61E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	5.61E-03
126	ALL	653730.1	4187388	NonCancer	0.00E+00	2.49E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
127	ALL	653750.1	4187388	NonCancer	0.00E+00	2.35E-04	5.86E-03	0.00E+00	0.00E+00	5.86E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	5.86E-03
128	ALL	653770.1	4187388	NonCancer	0.00E+00	2.13E-04	5.41E-03	0.00E+00	0.00E+00	5.41E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.41E-03
129	ALL	653790.1	4187388	NonCancer	0.00E+00	2.03E-04	5.27E-03	0.00E+00	0.00E+00	5.27E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.27E-03
130	ALL	653810.1	4187388	NonCancer	0.00E+00	2.19E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
131	ALL	653830.1	4187388	NonCancer	0.00E+00	2.30E-04	5.75E-03	0.00E+00	0.00E+00	5.75E-03	2.30E-04	0.00E+00	2.30E-04	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.75E-03
132	ALL	653850.1	4187388	NonCancer	0.00E+00	2.05E-04	5.27E-03	0.00E+00	0.00E+00	5.27E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	5.27E-03
133	ALL	653870.1	4187388	NonCancer	0.00E+00	2.18E-04	5.52E-03	0.00E+00	0.00E+00	5.52E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	5.52E-03
134	ALL	653890.1	4187388	NonCancer	0.00E+00	2.15E-04	5.43E-03	0.00E+00	0.00E+00	5.43E-03	2.15E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.43E-03
135	ALL	653910.1	4187388	NonCancer	0.00E+00	2.14E-04	5.41E-03	0.00E+00	0.00E+00	5.41E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.41E-03
136	ALL	653930.1	4187388	NonCancer	0.00E+00	2.13E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
137	ALL	653950.1	4187388	NonCancer	0.00E+00	2.12E-04	5.35E-03	0.00E+00	0.00E+00	5.35E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	5.35E-03
138	ALL	653970.1	4187388	NonCancer	0.00E+00	2.11E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03
139	ALL	653990.1	4187388	NonCancer	0.00E+00	2.03E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
140	ALL	654010.1	4187388	NonCancer	0.00E+00	1.95E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
141	ALL	654030.1	4187388	NonCancer	0.00E+00	1.87E-04	4.75E-03	0.00E+00	0.00E+00	4.75E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	4.75E-03
142	ALL	654050.1	4187388	NonCancer	0.00E+00	1.86E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
143	ALL	654070.1	4187388	NonCancer	0.00E+00	1.91E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
144	ALL	654090.1	4187388	NonCancer	0.00E+00	1.72E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
145	ALL	654110.1	4187388	NonCancer	0.00E+00	1.59E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
146	ALL	654130.1	4187388	NonCancer	0.00E+00	1.69E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
147	ALL	654150.1	4187388	NonCancer	0.00E+00	1.63E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
148	ALL	654170.1	4187388	NonCancer	0.00E+00	1.51E-04	3.83E-03	0.00E+00	0.00E+00	3.83E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03
149	ALL	654190.1	4187388	NonCancer	0.00E+00	1.52E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03

150	ALL	654210.1	4187388	NonCancer	0.00E+00	1.38E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
151	ALL	654230.1	4187388	NonCancer	0.00E+00	1.43E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
152	ALL	654250.1	4187388	NonCancer	0.00E+00	1.47E-04	3.70E-03	0.00E+00	0.00E+00	3.70E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.70E-03
153	ALL	654270.1	4187388	NonCancer	0.00E+00	1.40E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
154	ALL	654290.1	4187388	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
155	ALL	654310.1	4187388	NonCancer	0.00E+00	1.23E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
156	ALL	654330.1	4187388	NonCancer	0.00E+00	1.11E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
157	ALL	654350.1	4187388	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
158	ALL	654370.1	4187388	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
159	ALL	654390.1	4187388	NonCancer	0.00E+00	1.05E-04	2.70E-03	0.00E+00	0.00E+00	2.70E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	2.70E-03
160	ALL	654410.1	4187388	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
161	ALL	654430.1	4187388	NonCancer	0.00E+00	1.18E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
162	ALL	654450.1	4187388	NonCancer	0.00E+00	1.17E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
163	ALL	654470.1	4187388	NonCancer	0.00E+00	1.11E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
164	ALL	654490.1	4187388	NonCancer	0.00E+00	1.05E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
165	ALL	653690.1	4187408	NonCancer	0.00E+00	2.27E-04	5.88E-03	0.00E+00	0.00E+00	5.88E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	5.88E-03
166	ALL	653710.1	4187408	NonCancer	0.00E+00	2.22E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
167	ALL	653730.1	4187408	NonCancer	0.00E+00	2.61E-04	6.51E-03	0.00E+00	0.00E+00	6.51E-03	2.61E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	6.51E-03
168	ALL	653750.1	4187408	NonCancer	0.00E+00	2.45E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
169	ALL	653770.1	4187408	NonCancer	0.00E+00	2.22E-04	5.64E-03	0.00E+00	0.00E+00	5.64E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	5.64E-03
170	ALL	653790.1	4187408	NonCancer	0.00E+00	2.16E-04	5.59E-03	0.00E+00	0.00E+00	5.59E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.59E-03	0.00E+00	0.00E+00	5.59E-03
171	ALL	653810.1	4187408	NonCancer	0.00E+00	2.34E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
172	ALL	653830.1	4187408	NonCancer	0.00E+00	2.39E-04	6.00E-03	0.00E+00	0.00E+00	6.00E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	6.00E-03
173	ALL	653850.1	4187408	NonCancer	0.00E+00	2.10E-04	5.40E-03	0.00E+00	0.00E+00	5.40E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.40E-03
174	ALL	653870.1	4187408	NonCancer	0.00E+00	2.31E-04	5.83E-03	0.00E+00	0.00E+00	5.83E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	5.83E-03
175	ALL	653890.1	4187408	NonCancer	0.00E+00	2.29E-04	5.77E-03	0.00E+00	0.00E+00	5.77E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.77E-03
176	ALL	653910.1	4187408	NonCancer	0.00E+00	2.16E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
177	ALL	653930.1	4187408	NonCancer	0.00E+00	2.23E-04	5.63E-03	0.00E+00	0.00E+00	5.63E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	5.63E-03
178	ALL	653950.1	4187408	NonCancer	0.00E+00	2.19E-04	5.54E-03	0.00E+00	0.00E+00	5.54E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.54E-03
179	ALL	653970.1	4187408	NonCancer	0.00E+00	2.19E-04	5.48E-03	0.00E+00	0.00E+00	5.48E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	5.48E-03
180	ALL	653990.1	4187408	NonCancer	0.00E+00	2.00E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
181	ALL	654010.1	4187408	NonCancer	0.00E+00	2.03E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
182	ALL	654030.1	4187408	NonCancer	0.00E+00	1.83E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
183	ALL	654050.1	4187408	NonCancer	0.00E+00	2.01E-04	5.06E-03	0.00E+00	0.00E+00	5.06E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	5.06E-03
184	ALL	654070.1	4187408	NonCancer	0.00E+00	1.91E-04	4.76E-03	0.00E+00	0.00E+00	4.76E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.76E-03
185	ALL	654090.1	4187408	NonCancer	0.00E+00	1.65E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
186	ALL	654110.1	4187408	NonCancer	0.00E+00	1.74E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
187	ALL	654130.1	4187408	NonCancer	0.00E+00	1.75E-04	4.37E-03	0.00E+00	0.00E+00	4.37E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.37E-03
188	ALL	654150.1	4187408	NonCancer	0.00E+00	1.57E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
189	ALL	654170.1	4187408	NonCancer	0.00E+00	1.61E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
190	ALL	654190.1	4187408	NonCancer	0.00E+00	1.49E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
191	ALL	654210.1	4187408	NonCancer	0.00E+00	1.48E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
192	ALL	654230.1	4187408	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
193	ALL	654250.1	4187408	NonCancer	0.00E+00	1.48E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
194	ALL	654270.1	4187408	NonCancer	0.00E+00	1.37E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
195	ALL	654290.1	4187408	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
196	ALL	654310.1	4187408	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
197	ALL	654330.1	4187408	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
198	ALL	654350.1	4187408	NonCancer	0.00E+00	1.13E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
199	ALL	654370.1	4187408	NonCancer	0.00E+00	1.11E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03

200	ALL	654390.1	4187408	NonCancer	0.00E+00	1.21E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
201	ALL	654410.1	4187408	NonCancer	0.00E+00	1.24E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
202	ALL	654430.1	4187408	NonCancer	0.00E+00	1.22E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
203	ALL	654450.1	4187408	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
204	ALL	654470.1	4187408	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
205	ALL	654490.1	4187408	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
206	ALL	653690.1	4187428	NonCancer	0.00E+00	2.38E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
207	ALL	653710.1	4187428	NonCancer	0.00E+00	2.31E-04	6.08E-03	0.00E+00	0.00E+00	6.08E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	6.08E-03
208	ALL	653730.1	4187428	NonCancer	0.00E+00	2.73E-04	6.82E-03	0.00E+00	0.00E+00	6.82E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.82E-03
209	ALL	653750.1	4187428	NonCancer	0.00E+00	2.56E-04	6.40E-03	0.00E+00	0.00E+00	6.40E-03	2.56E-04	0.00E+00	2.56E-04	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.40E-03
210	ALL	653770.1	4187428	NonCancer	0.00E+00	2.32E-04	5.93E-03	0.00E+00	0.00E+00	5.93E-03	2.32E-04	0.00E+00	2.32E-04	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.93E-03
211	ALL	653790.1	4187428	NonCancer	0.00E+00	2.29E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
212	ALL	653810.1	4187428	NonCancer	0.00E+00	2.49E-04	6.29E-03	0.00E+00	0.00E+00	6.29E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.29E-03
213	ALL	653830.1	4187428	NonCancer	0.00E+00	2.48E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
214	ALL	653850.1	4187428	NonCancer	0.00E+00	2.24E-04	5.75E-03	0.00E+00	0.00E+00	5.75E-03	2.24E-04	0.00E+00	2.24E-04	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.75E-03
215	ALL	653870.1	4187428	NonCancer	0.00E+00	2.42E-04	6.11E-03	0.00E+00	0.00E+00	6.11E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.11E-03
216	ALL	653890.1	4187428	NonCancer	0.00E+00	2.41E-04	6.08E-03	0.00E+00	0.00E+00	6.08E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	6.08E-03
217	ALL	653910.1	4187428	NonCancer	0.00E+00	2.30E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.30E-04	0.00E+00	2.30E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
218	ALL	653930.1	4187428	NonCancer	0.00E+00	2.35E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
219	ALL	653950.1	4187428	NonCancer	0.00E+00	2.33E-04	5.86E-03	0.00E+00	0.00E+00	5.86E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	5.86E-03
220	ALL	653970.1	4187428	NonCancer	0.00E+00	2.26E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
221	ALL	653990.1	4187428	NonCancer	0.00E+00	2.15E-04	5.40E-03	0.00E+00	0.00E+00	5.40E-03	2.15E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.40E-03
222	ALL	654010.1	4187428	NonCancer	0.00E+00	2.06E-04	5.23E-03	0.00E+00	0.00E+00	5.23E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.23E-03
223	ALL	654030.1	4187428	NonCancer	0.00E+00	2.07E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
224	ALL	654050.1	4187428	NonCancer	0.00E+00	2.09E-04	5.20E-03	0.00E+00	0.00E+00	5.20E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.20E-03
225	ALL	654070.1	4187428	NonCancer	0.00E+00	1.83E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03
226	ALL	654090.1	4187428	NonCancer	0.00E+00	1.78E-04	4.54E-03	0.00E+00	0.00E+00	4.54E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.54E-03
227	ALL	654110.1	4187428	NonCancer	0.00E+00	1.86E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
228	ALL	654130.1	4187428	NonCancer	0.00E+00	1.71E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
229	ALL	654150.1	4187428	NonCancer	0.00E+00	1.70E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
230	ALL	654170.1	4187428	NonCancer	0.00E+00	1.60E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
231	ALL	654190.1	4187428	NonCancer	0.00E+00	1.54E-04	3.92E-03	0.00E+00	0.00E+00	3.92E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.92E-03
232	ALL	654210.1	4187428	NonCancer	0.00E+00	1.62E-04	4.09E-03	0.00E+00	0.00E+00	4.09E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.09E-03
233	ALL	654230.1	4187428	NonCancer	0.00E+00	1.57E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
234	ALL	654250.1	4187428	NonCancer	0.00E+00	1.44E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
235	ALL	654270.1	4187428	NonCancer	0.00E+00	1.36E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
236	ALL	654290.1	4187428	NonCancer	0.00E+00	1.23E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
237	ALL	654310.1	4187428	NonCancer	0.00E+00	1.25E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
238	ALL	654330.1	4187428	NonCancer	0.00E+00	1.18E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
239	ALL	654350.1	4187428	NonCancer	0.00E+00	1.18E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
240	ALL	654370.1	4187428	NonCancer	0.00E+00	1.28E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
241	ALL	654390.1	4187428	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
242	ALL	654410.1	4187428	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
243	ALL	654430.1	4187428	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
244	ALL	654450.1	4187428	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
245	ALL	654470.1	4187428	NonCancer	0.00E+00	1.19E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
246	ALL	654490.1	4187428	NonCancer	0.00E+00	1.15E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
247	ALL	653690.1	4187448	NonCancer	0.00E+00	2.50E-04	6.49E-03	0.00E+00	0.00E+00	6.49E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	6.49E-03
248	ALL	653710.1	4187448	NonCancer	0.00E+00	2.41E-04	6.35E-03	0.00E+00	0.00E+00	6.35E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	6.35E-03
249	ALL	653730.1	4187448	NonCancer	0.00E+00	2.87E-04	7.16E-03	0.00E+00	0.00E+00	7.16E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	7.16E-03

250	ALL	653750.1	4187448	NonCancer	0.00E+00	2.68E-04	6.70E-03	0.00E+00	0.00E+00	6.70E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	6.70E-03
251	ALL	653770.1	4187448	NonCancer	0.00E+00	2.45E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
252	ALL	653790.1	4187448	NonCancer	0.00E+00	2.43E-04	6.27E-03	0.00E+00	0.00E+00	6.27E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.27E-03
253	ALL	653810.1	4187448	NonCancer	0.00E+00	2.65E-04	6.64E-03	0.00E+00	0.00E+00	6.64E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	6.64E-03
254	ALL	653830.1	4187448	NonCancer	0.00E+00	2.55E-04	6.45E-03	0.00E+00	0.00E+00	6.45E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	6.45E-03
255	ALL	653850.1	4187448	NonCancer	0.00E+00	2.44E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
256	ALL	653870.1	4187448	NonCancer	0.00E+00	2.51E-04	6.32E-03	0.00E+00	0.00E+00	6.32E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	6.32E-03
257	ALL	653890.1	4187448	NonCancer	0.00E+00	2.50E-04	6.31E-03	0.00E+00	0.00E+00	6.31E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.31E-03
258	ALL	653910.1	4187448	NonCancer	0.00E+00	2.46E-04	6.22E-03	0.00E+00	0.00E+00	6.22E-03	2.46E-04	0.00E+00	2.46E-04	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	6.22E-03
259	ALL	653930.1	4187448	NonCancer	0.00E+00	2.43E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
260	ALL	653950.1	4187448	NonCancer	0.00E+00	2.41E-04	6.04E-03	0.00E+00	0.00E+00	6.04E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	6.04E-03
261	ALL	653970.1	4187448	NonCancer	0.00E+00	2.25E-04	5.70E-03	0.00E+00	0.00E+00	5.70E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	5.70E-03
262	ALL	653990.1	4187448	NonCancer	0.00E+00	2.25E-04	5.65E-03	0.00E+00	0.00E+00	5.65E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.65E-03
263	ALL	654010.1	4187448	NonCancer	0.00E+00	2.06E-04	5.28E-03	0.00E+00	0.00E+00	5.28E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	5.28E-03
264	ALL	654030.1	4187448	NonCancer	0.00E+00	2.23E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
265	ALL	654050.1	4187448	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
266	ALL	654070.1	4187448	NonCancer	0.00E+00	1.85E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
267	ALL	654090.1	4187448	NonCancer	0.00E+00	1.96E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
268	ALL	654110.1	4187448	NonCancer	0.00E+00	1.86E-04	4.68E-03	0.00E+00	0.00E+00	4.68E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.68E-03
269	ALL	654130.1	4187448	NonCancer	0.00E+00	1.78E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
270	ALL	654150.1	4187448	NonCancer	0.00E+00	1.72E-04	4.31E-03	0.00E+00	0.00E+00	4.31E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.31E-03
271	ALL	654170.1	4187448	NonCancer	0.00E+00	1.59E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
272	ALL	654190.1	4187448	NonCancer	0.00E+00	1.71E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
273	ALL	654210.1	4187448	NonCancer	0.00E+00	1.66E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
274	ALL	654230.1	4187448	NonCancer	0.00E+00	1.52E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
275	ALL	654250.1	4187448	NonCancer	0.00E+00	1.43E-04	3.59E-03	0.00E+00	0.00E+00	3.59E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.59E-03
276	ALL	654270.1	4187448	NonCancer	0.00E+00	1.30E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
277	ALL	654290.1	4187448	NonCancer	0.00E+00	1.32E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
278	ALL	654310.1	4187448	NonCancer	0.00E+00	1.23E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
279	ALL	654330.1	4187448	NonCancer	0.00E+00	1.27E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
280	ALL	654350.1	4187448	NonCancer	0.00E+00	1.36E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
281	ALL	654370.1	4187448	NonCancer	0.00E+00	1.37E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
282	ALL	654390.1	4187448	NonCancer	0.00E+00	1.31E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
283	ALL	654410.1	4187448	NonCancer	0.00E+00	1.22E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
284	ALL	654430.1	4187448	NonCancer	0.00E+00	1.26E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
285	ALL	654450.1	4187448	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
286	ALL	654470.1	4187448	NonCancer	0.00E+00	1.18E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
287	ALL	654490.1	4187448	NonCancer	0.00E+00	1.17E-04	2.94E-03	0.00E+00	0.00E+00	2.94E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.94E-03
288	ALL	653690.1	4187468	NonCancer	0.00E+00	2.63E-04	6.82E-03	0.00E+00	0.00E+00	6.82E-03	2.63E-04	0.00E+00	2.63E-04	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.82E-03
289	ALL	653710.1	4187468	NonCancer	0.00E+00	2.51E-04	6.63E-03	0.00E+00	0.00E+00	6.63E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	6.63E-03
290	ALL	653730.1	4187468	NonCancer	0.00E+00	3.02E-04	7.53E-03	0.00E+00	0.00E+00	7.53E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	7.53E-03
291	ALL	653750.1	4187468	NonCancer	0.00E+00	2.81E-04	7.02E-03	0.00E+00	0.00E+00	7.02E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	7.02E-03
292	ALL	653770.1	4187468	NonCancer	0.00E+00	2.58E-04	6.61E-03	0.00E+00	0.00E+00	6.61E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	6.61E-03
293	ALL	653790.1	4187468	NonCancer	0.00E+00	2.58E-04	6.63E-03	0.00E+00	0.00E+00	6.63E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	6.63E-03
294	ALL	653810.1	4187468	NonCancer	0.00E+00	2.81E-04	7.00E-03	0.00E+00	0.00E+00	7.00E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	7.00E-03
295	ALL	653830.1	4187468	NonCancer	0.00E+00	2.60E-04	6.63E-03	0.00E+00	0.00E+00	6.63E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	6.63E-03
296	ALL	653850.1	4187468	NonCancer	0.00E+00	2.64E-04	6.70E-03	0.00E+00	0.00E+00	6.70E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	6.70E-03
297	ALL	653870.1	4187468	NonCancer	0.00E+00	2.64E-04	6.66E-03	0.00E+00	0.00E+00	6.66E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	6.66E-03
298	ALL	653890.1	4187468	NonCancer	0.00E+00	2.54E-04	6.46E-03	0.00E+00	0.00E+00	6.46E-03	2.54E-04	0.00E+00	2.54E-04	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	6.46E-03
299	ALL	653910.1	4187468	NonCancer	0.00E+00	2.59E-04	6.56E-03	0.00E+00	0.00E+00	6.56E-03	2.59E-04	0.00E+00	2.59E-04	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.56E-03

300	ALL	653930.1	4187468	NonCancer	0.00E+00	2.57E-04	6.48E-03	0.00E+00	0.00E+00	6.48E-03	2.57E-04	0.00E+00	2.57E-04	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	6.48E-03
301	ALL	653950.1	4187468	NonCancer	0.00E+00	2.52E-04	6.33E-03	0.00E+00	0.00E+00	6.33E-03	2.52E-04	0.00E+00	2.52E-04	0.00E+00	0.00E+00	6.33E-03	0.00E+00	0.00E+00	6.33E-03
302	ALL	653970.1	4187468	NonCancer	0.00E+00	2.37E-04	5.97E-03	0.00E+00	0.00E+00	5.97E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	5.97E-03
303	ALL	653990.1	4187468	NonCancer	0.00E+00	2.28E-04	5.80E-03	0.00E+00	0.00E+00	5.80E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	5.80E-03
304	ALL	654010.1	4187468	NonCancer	0.00E+00	2.31E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
305	ALL	654030.1	4187468	NonCancer	0.00E+00	2.28E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
306	ALL	654050.1	4187468	NonCancer	0.00E+00	1.95E-04	4.99E-03	0.00E+00	0.00E+00	4.99E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	4.99E-03
307	ALL	654070.1	4187468	NonCancer	0.00E+00	2.04E-04	5.15E-03	0.00E+00	0.00E+00	5.15E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.15E-03
308	ALL	654090.1	4187468	NonCancer	0.00E+00	2.02E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
309	ALL	654110.1	4187468	NonCancer	0.00E+00	1.86E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
310	ALL	654130.1	4187468	NonCancer	0.00E+00	1.84E-04	4.60E-03	0.00E+00	0.00E+00	4.60E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.60E-03
311	ALL	654150.1	4187468	NonCancer	0.00E+00	1.65E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
312	ALL	654170.1	4187468	NonCancer	0.00E+00	1.79E-04	4.53E-03	0.00E+00	0.00E+00	4.53E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.53E-03
313	ALL	654190.1	4187468	NonCancer	0.00E+00	1.76E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
314	ALL	654210.1	4187468	NonCancer	0.00E+00	1.60E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
315	ALL	654230.1	4187468	NonCancer	0.00E+00	1.51E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
316	ALL	654250.1	4187468	NonCancer	0.00E+00	1.38E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
317	ALL	654270.1	4187468	NonCancer	0.00E+00	1.38E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
318	ALL	654290.1	4187468	NonCancer	0.00E+00	1.29E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
319	ALL	654310.1	4187468	NonCancer	0.00E+00	1.37E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
320	ALL	654330.1	4187468	NonCancer	0.00E+00	1.45E-04	3.65E-03	0.00E+00	0.00E+00	3.65E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	3.65E-03
321	ALL	654350.1	4187468	NonCancer	0.00E+00	1.44E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
322	ALL	654370.1	4187468	NonCancer	0.00E+00	1.35E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
323	ALL	654390.1	4187468	NonCancer	0.00E+00	1.31E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
324	ALL	654410.1	4187468	NonCancer	0.00E+00	1.33E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
325	ALL	654430.1	4187468	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
326	ALL	654450.1	4187468	NonCancer	0.00E+00	1.23E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
327	ALL	654470.1	4187468	NonCancer	0.00E+00	1.22E-04	3.08E-03	0.00E+00	0.00E+00	3.08E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	3.08E-03
328	ALL	654490.1	4187468	NonCancer	0.00E+00	1.18E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
329	ALL	653690.1	4187488	NonCancer	0.00E+00	2.77E-04	7.18E-03	0.00E+00	0.00E+00	7.18E-03	2.77E-04	0.00E+00	2.77E-04	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	7.18E-03
330	ALL	653710.1	4187488	NonCancer	0.00E+00	2.66E-04	7.00E-03	0.00E+00	0.00E+00	7.00E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	7.00E-03
331	ALL	653730.1	4187488	NonCancer	0.00E+00	3.18E-04	7.93E-03	0.00E+00	0.00E+00	7.93E-03	3.18E-04	0.00E+00	3.18E-04	0.00E+00	0.00E+00	7.93E-03	0.00E+00	0.00E+00	7.93E-03
332	ALL	653750.1	4187488	NonCancer	0.00E+00	2.95E-04	7.38E-03	0.00E+00	0.00E+00	7.38E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.38E-03
333	ALL	653770.1	4187488	NonCancer	0.00E+00	2.73E-04	6.99E-03	0.00E+00	0.00E+00	6.99E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	6.99E-03
334	ALL	653790.1	4187488	NonCancer	0.00E+00	2.73E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
335	ALL	653810.1	4187488	NonCancer	0.00E+00	2.97E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
336	ALL	653830.1	4187488	NonCancer	0.00E+00	2.66E-04	6.80E-03	0.00E+00	0.00E+00	6.80E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	6.80E-03
337	ALL	653850.1	4187488	NonCancer	0.00E+00	2.82E-04	7.14E-03	0.00E+00	0.00E+00	7.14E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	7.14E-03
338	ALL	653870.1	4187488	NonCancer	0.00E+00	2.82E-04	7.10E-03	0.00E+00	0.00E+00	7.10E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.10E-03
339	ALL	653890.1	4187488	NonCancer	0.00E+00	2.68E-04	6.80E-03	0.00E+00	0.00E+00	6.80E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	6.80E-03
340	ALL	653910.1	4187488	NonCancer	0.00E+00	2.74E-04	6.92E-03	0.00E+00	0.00E+00	6.92E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	6.92E-03
341	ALL	653930.1	4187488	NonCancer	0.00E+00	2.70E-04	6.78E-03	0.00E+00	0.00E+00	6.78E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.78E-03
342	ALL	653950.1	4187488	NonCancer	0.00E+00	2.55E-04	6.43E-03	0.00E+00	0.00E+00	6.43E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	6.43E-03
343	ALL	653970.1	4187488	NonCancer	0.00E+00	2.51E-04	6.30E-03	0.00E+00	0.00E+00	6.30E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	6.30E-03
344	ALL	653990.1	4187488	NonCancer	0.00E+00	2.32E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.32E-04	0.00E+00	2.32E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
345	ALL	654010.1	4187488	NonCancer	0.00E+00	2.47E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
346	ALL	654030.1	4187488	NonCancer	0.00E+00	2.21E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
347	ALL	654050.1	4187488	NonCancer	0.00E+00	2.09E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
348	ALL	654070.1	4187488	NonCancer	0.00E+00	2.17E-04	5.42E-03	0.00E+00	0.00E+00	5.42E-03	2.17E-04	0.00E+00	2.17E-04	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.42E-03
349	ALL	654090.1	4187488	NonCancer	0.00E+00	1.95E-04	4.95E-03	0.00E+00	0.00E+00	4.95E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.95E-03

350	ALL	654110.1	4187488	NonCancer	0.00E+00	1.97E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
351	ALL	654130.1	4187488	NonCancer	0.00E+00	1.77E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
352	ALL	654150.1	4187488	NonCancer	0.00E+00	1.89E-04	4.77E-03	0.00E+00	0.00E+00	4.77E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.77E-03
353	ALL	654170.1	4187488	NonCancer	0.00E+00	1.87E-04	4.68E-03	0.00E+00	0.00E+00	4.68E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	4.68E-03
354	ALL	654190.1	4187488	NonCancer	0.00E+00	1.70E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
355	ALL	654210.1	4187488	NonCancer	0.00E+00	1.60E-04	4.00E-03	0.00E+00	0.00E+00	4.00E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.00E-03
356	ALL	654230.1	4187488	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
357	ALL	654250.1	4187488	NonCancer	0.00E+00	1.46E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
358	ALL	654270.1	4187488	NonCancer	0.00E+00	1.36E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
359	ALL	654290.1	4187488	NonCancer	0.00E+00	1.47E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
360	ALL	654310.1	4187488	NonCancer	0.00E+00	1.54E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
361	ALL	654330.1	4187488	NonCancer	0.00E+00	1.51E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
362	ALL	654350.1	4187488	NonCancer	0.00E+00	1.40E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
363	ALL	654370.1	4187488	NonCancer	0.00E+00	1.40E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
364	ALL	654390.1	4187488	NonCancer	0.00E+00	1.40E-04	3.51E-03	0.00E+00	0.00E+00	3.51E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	3.51E-03
365	ALL	654410.1	4187488	NonCancer	0.00E+00	1.33E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
366	ALL	654430.1	4187488	NonCancer	0.00E+00	1.30E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
367	ALL	654450.1	4187488	NonCancer	0.00E+00	1.28E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
368	ALL	654470.1	4187488	NonCancer	0.00E+00	1.22E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
369	ALL	654490.1	4187488	NonCancer	0.00E+00	1.27E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
370	ALL	653690.1	4187508	NonCancer	0.00E+00	2.91E-04	7.55E-03	0.00E+00	0.00E+00	7.55E-03	2.91E-04	0.00E+00	2.91E-04	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	7.55E-03
371	ALL	653710.1	4187508	NonCancer	0.00E+00	2.82E-04	7.41E-03	0.00E+00	0.00E+00	7.41E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.41E-03
372	ALL	653730.1	4187508	NonCancer	0.00E+00	3.36E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
373	ALL	653750.1	4187508	NonCancer	0.00E+00	3.11E-04	7.77E-03	0.00E+00	0.00E+00	7.77E-03	3.11E-04	0.00E+00	3.11E-04	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	7.77E-03
374	ALL	653770.1	4187508	NonCancer	0.00E+00	2.88E-04	7.40E-03	0.00E+00	0.00E+00	7.40E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	7.40E-03
375	ALL	653790.1	4187508	NonCancer	0.00E+00	2.90E-04	7.42E-03	0.00E+00	0.00E+00	7.42E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	7.42E-03
376	ALL	653810.1	4187508	NonCancer	0.00E+00	3.14E-04	7.86E-03	0.00E+00	0.00E+00	7.86E-03	3.14E-04	0.00E+00	3.14E-04	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	7.86E-03
377	ALL	653830.1	4187508	NonCancer	0.00E+00	2.73E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
378	ALL	653850.1	4187508	NonCancer	0.00E+00	2.98E-04	7.52E-03	0.00E+00	0.00E+00	7.52E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	7.52E-03
379	ALL	653870.1	4187508	NonCancer	0.00E+00	2.96E-04	7.46E-03	0.00E+00	0.00E+00	7.46E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	7.46E-03
380	ALL	653890.1	4187508	NonCancer	0.00E+00	2.89E-04	7.32E-03	0.00E+00	0.00E+00	7.32E-03	2.89E-04	0.00E+00	2.89E-04	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	7.32E-03
381	ALL	653910.1	4187508	NonCancer	0.00E+00	2.83E-04	7.15E-03	0.00E+00	0.00E+00	7.15E-03	2.83E-04	0.00E+00	2.83E-04	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	7.15E-03
382	ALL	653930.1	4187508	NonCancer	0.00E+00	2.84E-04	7.11E-03	0.00E+00	0.00E+00	7.11E-03	2.84E-04	0.00E+00	2.84E-04	0.00E+00	0.00E+00	7.11E-03	0.00E+00	0.00E+00	7.11E-03
383	ALL	653950.1	4187508	NonCancer	0.00E+00	2.65E-04	6.66E-03	0.00E+00	0.00E+00	6.66E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	6.66E-03
384	ALL	653970.1	4187508	NonCancer	0.00E+00	2.55E-04	6.48E-03	0.00E+00	0.00E+00	6.48E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	6.48E-03
385	ALL	653990.1	4187508	NonCancer	0.00E+00	2.60E-04	6.54E-03	0.00E+00	0.00E+00	6.54E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	6.54E-03
386	ALL	654010.1	4187508	NonCancer	0.00E+00	2.49E-04	6.18E-03	0.00E+00	0.00E+00	6.18E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	6.18E-03
387	ALL	654030.1	4187508	NonCancer	0.00E+00	2.18E-04	5.56E-03	0.00E+00	0.00E+00	5.56E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	5.56E-03
388	ALL	654050.1	4187508	NonCancer	0.00E+00	2.31E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
389	ALL	654070.1	4187508	NonCancer	0.00E+00	2.16E-04	5.43E-03	0.00E+00	0.00E+00	5.43E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	5.43E-03
390	ALL	654090.1	4187508	NonCancer	0.00E+00	2.10E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
391	ALL	654110.1	4187508	NonCancer	0.00E+00	1.93E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
392	ALL	654130.1	4187508	NonCancer	0.00E+00	1.99E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
393	ALL	654150.1	4187508	NonCancer	0.00E+00	1.99E-04	4.99E-03	0.00E+00	0.00E+00	4.99E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	4.99E-03
394	ALL	654170.1	4187508	NonCancer	0.00E+00	1.80E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
395	ALL	654190.1	4187508	NonCancer	0.00E+00	1.70E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
396	ALL	654210.1	4187508	NonCancer	0.00E+00	1.55E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
397	ALL	654230.1	4187508	NonCancer	0.00E+00	1.54E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
398	ALL	654250.1	4187508	NonCancer	0.00E+00	1.44E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
399	ALL	654270.1	4187508	NonCancer	0.00E+00	1.58E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03

400	ALL	654290.1	4187508	NonCancer	0.00E+00	1.63E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
401	ALL	654310.1	4187508	NonCancer	0.00E+00	1.58E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
402	ALL	654330.1	4187508	NonCancer	0.00E+00	1.44E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
403	ALL	654350.1	4187508	NonCancer	0.00E+00	1.49E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
404	ALL	654370.1	4187508	NonCancer	0.00E+00	1.46E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
405	ALL	654390.1	4187508	NonCancer	0.00E+00	1.38E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
406	ALL	654410.1	4187508	NonCancer	0.00E+00	1.37E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
407	ALL	654430.1	4187508	NonCancer	0.00E+00	1.32E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
408	ALL	654450.1	4187508	NonCancer	0.00E+00	1.33E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
409	ALL	654470.1	4187508	NonCancer	0.00E+00	1.37E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
410	ALL	654490.1	4187508	NonCancer	0.00E+00	1.36E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
411	ALL	653690.1	4187528	NonCancer	0.00E+00	3.06E-04	7.95E-03	0.00E+00	0.00E+00	7.95E-03	3.06E-04	0.00E+00	3.06E-04	0.00E+00	0.00E+00	7.95E-03	0.00E+00	0.00E+00	7.95E-03
412	ALL	653710.1	4187528	NonCancer	0.00E+00	3.01E-04	7.87E-03	0.00E+00	0.00E+00	7.87E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.87E-03
413	ALL	653730.1	4187528	NonCancer	0.00E+00	3.55E-04	8.85E-03	0.00E+00	0.00E+00	8.85E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.85E-03
414	ALL	653750.1	4187528	NonCancer	0.00E+00	3.28E-04	8.21E-03	0.00E+00	0.00E+00	8.21E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	8.21E-03
415	ALL	653770.1	4187528	NonCancer	0.00E+00	3.04E-04	7.83E-03	0.00E+00	0.00E+00	7.83E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.83E-03
416	ALL	653790.1	4187528	NonCancer	0.00E+00	3.13E-04	7.97E-03	0.00E+00	0.00E+00	7.97E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	7.97E-03
417	ALL	653810.1	4187528	NonCancer	0.00E+00	3.29E-04	8.28E-03	0.00E+00	0.00E+00	8.28E-03	3.29E-04	0.00E+00	3.29E-04	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	8.28E-03
418	ALL	653830.1	4187528	NonCancer	0.00E+00	3.01E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
419	ALL	653850.1	4187528	NonCancer	0.00E+00	3.11E-04	7.85E-03	0.00E+00	0.00E+00	7.85E-03	3.11E-04	0.00E+00	3.11E-04	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	7.85E-03
420	ALL	653870.1	4187528	NonCancer	0.00E+00	3.04E-04	7.71E-03	0.00E+00	0.00E+00	7.71E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.71E-03	0.00E+00	0.00E+00	7.71E-03
421	ALL	653890.1	4187528	NonCancer	0.00E+00	3.07E-04	7.76E-03	0.00E+00	0.00E+00	7.76E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	7.76E-03
422	ALL	653910.1	4187528	NonCancer	0.00E+00	3.05E-04	7.64E-03	0.00E+00	0.00E+00	7.64E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.64E-03
423	ALL	653930.1	4187528	NonCancer	0.00E+00	2.90E-04	7.30E-03	0.00E+00	0.00E+00	7.30E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	7.30E-03
424	ALL	653950.1	4187528	NonCancer	0.00E+00	2.82E-04	7.09E-03	0.00E+00	0.00E+00	7.09E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.09E-03	0.00E+00	0.00E+00	7.09E-03
425	ALL	653970.1	4187528	NonCancer	0.00E+00	2.65E-04	6.74E-03	0.00E+00	0.00E+00	6.74E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	6.74E-03
426	ALL	653990.1	4187528	NonCancer	0.00E+00	2.75E-04	6.84E-03	0.00E+00	0.00E+00	6.84E-03	2.75E-04	0.00E+00	2.75E-04	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.84E-03
427	ALL	654010.1	4187528	NonCancer	0.00E+00	2.38E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03
428	ALL	654030.1	4187528	NonCancer	0.00E+00	2.43E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
429	ALL	654050.1	4187528	NonCancer	0.00E+00	2.37E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
430	ALL	654070.1	4187528	NonCancer	0.00E+00	2.23E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
431	ALL	654090.1	4187528	NonCancer	0.00E+00	2.11E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
432	ALL	654110.1	4187528	NonCancer	0.00E+00	2.10E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03
433	ALL	654130.1	4187528	NonCancer	0.00E+00	2.13E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
434	ALL	654150.1	4187528	NonCancer	0.00E+00	1.92E-04	4.83E-03	0.00E+00	0.00E+00	4.83E-03	1.92E-04	0.00E+00	1.92E-04	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	4.83E-03
435	ALL	654170.1	4187528	NonCancer	0.00E+00	1.80E-04	4.51E-03	0.00E+00	0.00E+00	4.51E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	4.51E-03
436	ALL	654190.1	4187528	NonCancer	0.00E+00	1.65E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
437	ALL	654210.1	4187528	NonCancer	0.00E+00	1.63E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
438	ALL	654230.1	4187528	NonCancer	0.00E+00	1.54E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
439	ALL	654250.1	4187528	NonCancer	0.00E+00	1.70E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
440	ALL	654270.1	4187528	NonCancer	0.00E+00	1.73E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
441	ALL	654290.1	4187528	NonCancer	0.00E+00	1.64E-04	4.12E-03	0.00E+00	0.00E+00	4.12E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.12E-03
442	ALL	654310.1	4187528	NonCancer	0.00E+00	1.56E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
443	ALL	654330.1	4187528	NonCancer	0.00E+00	1.58E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
444	ALL	654350.1	4187528	NonCancer	0.00E+00	1.52E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
445	ALL	654370.1	4187528	NonCancer	0.00E+00	1.47E-04	3.70E-03	0.00E+00	0.00E+00	3.70E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.70E-03
446	ALL	654390.1	4187528	NonCancer	0.00E+00	1.44E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
447	ALL	654410.1	4187528	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
448	ALL	654430.1	4187528	NonCancer	0.00E+00	1.45E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
449	ALL	654450.1	4187528	NonCancer	0.00E+00	1.46E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03

450	ALL	654470.1	4187528	NonCancer	0.00E+00	1.42E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
451	ALL	654490.1	4187528	NonCancer	0.00E+00	1.34E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
452	ALL	653690.1	4187548	NonCancer	0.00E+00	3.28E-04	8.50E-03	0.00E+00	0.00E+00	8.50E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.50E-03	0.00E+00	0.00E+00	8.50E-03
453	ALL	653710.1	4187548	NonCancer	0.00E+00	3.20E-04	8.38E-03	0.00E+00	0.00E+00	8.38E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	8.38E-03
454	ALL	653730.1	4187548	NonCancer	0.00E+00	3.77E-04	9.37E-03	0.00E+00	0.00E+00	9.37E-03	3.77E-04	0.00E+00	3.77E-04	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	9.37E-03
455	ALL	653750.1	4187548	NonCancer	0.00E+00	3.46E-04	8.70E-03	0.00E+00	0.00E+00	8.70E-03	3.46E-04	0.00E+00	3.46E-04	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	8.70E-03
456	ALL	653770.1	4187548	NonCancer	0.00E+00	3.22E-04	8.29E-03	0.00E+00	0.00E+00	8.29E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.29E-03
457	ALL	653790.1	4187548	NonCancer	0.00E+00	3.40E-04	8.58E-03	0.00E+00	0.00E+00	8.58E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.58E-03	0.00E+00	0.00E+00	8.58E-03
458	ALL	653810.1	4187548	NonCancer	0.00E+00	3.43E-04	8.67E-03	0.00E+00	0.00E+00	8.67E-03	3.43E-04	0.00E+00	3.43E-04	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	8.67E-03
459	ALL	653830.1	4187548	NonCancer	0.00E+00	3.30E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
460	ALL	653850.1	4187548	NonCancer	0.00E+00	3.34E-04	8.42E-03	0.00E+00	0.00E+00	8.42E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	8.42E-03
461	ALL	653870.1	4187548	NonCancer	0.00E+00	3.19E-04	8.09E-03	0.00E+00	0.00E+00	8.09E-03	3.19E-04	0.00E+00	3.19E-04	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	8.09E-03
462	ALL	653890.1	4187548	NonCancer	0.00E+00	3.25E-04	8.19E-03	0.00E+00	0.00E+00	8.19E-03	3.25E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	8.19E-03	0.00E+00	0.00E+00	8.19E-03
463	ALL	653910.1	4187548	NonCancer	0.00E+00	3.20E-04	8.02E-03	0.00E+00	0.00E+00	8.02E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	8.02E-03
464	ALL	653930.1	4187548	NonCancer	0.00E+00	2.98E-04	7.49E-03	0.00E+00	0.00E+00	7.49E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.49E-03
465	ALL	653950.1	4187548	NonCancer	0.00E+00	2.87E-04	7.30E-03	0.00E+00	0.00E+00	7.30E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	7.30E-03
466	ALL	653970.1	4187548	NonCancer	0.00E+00	2.95E-04	7.38E-03	0.00E+00	0.00E+00	7.38E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.38E-03
467	ALL	653990.1	4187548	NonCancer	0.00E+00	2.74E-04	6.85E-03	0.00E+00	0.00E+00	6.85E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	6.85E-03
468	ALL	654010.1	4187548	NonCancer	0.00E+00	2.51E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
469	ALL	654030.1	4187548	NonCancer	0.00E+00	2.58E-04	6.42E-03	0.00E+00	0.00E+00	6.42E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	6.42E-03
470	ALL	654050.1	4187548	NonCancer	0.00E+00	2.36E-04	5.93E-03	0.00E+00	0.00E+00	5.93E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	5.93E-03
471	ALL	654070.1	4187548	NonCancer	0.00E+00	2.29E-04	5.77E-03	0.00E+00	0.00E+00	5.77E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	5.77E-03
472	ALL	654090.1	4187548	NonCancer	0.00E+00	2.21E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
473	ALL	654110.1	4187548	NonCancer	0.00E+00	2.27E-04	5.69E-03	0.00E+00	0.00E+00	5.69E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.69E-03
474	ALL	654130.1	4187548	NonCancer	0.00E+00	2.07E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
475	ALL	654150.1	4187548	NonCancer	0.00E+00	1.92E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.92E-04	0.00E+00	1.92E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
476	ALL	654170.1	4187548	NonCancer	0.00E+00	1.76E-04	4.44E-03	0.00E+00	0.00E+00	4.44E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.44E-03
477	ALL	654190.1	4187548	NonCancer	0.00E+00	1.73E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
478	ALL	654210.1	4187548	NonCancer	0.00E+00	1.68E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
479	ALL	654230.1	4187548	NonCancer	0.00E+00	1.83E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
480	ALL	654250.1	4187548	NonCancer	0.00E+00	1.83E-04	4.60E-03	0.00E+00	0.00E+00	4.60E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.60E-03
481	ALL	654270.1	4187548	NonCancer	0.00E+00	1.71E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
482	ALL	654290.1	4187548	NonCancer	0.00E+00	1.68E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
483	ALL	654310.1	4187548	NonCancer	0.00E+00	1.67E-04	4.20E-03	0.00E+00	0.00E+00	4.20E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	4.20E-03
484	ALL	654330.1	4187548	NonCancer	0.00E+00	1.57E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
485	ALL	654350.1	4187548	NonCancer	0.00E+00	1.56E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
486	ALL	654370.1	4187548	NonCancer	0.00E+00	1.49E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
487	ALL	654390.1	4187548	NonCancer	0.00E+00	1.53E-04	3.88E-03	0.00E+00	0.00E+00	3.88E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.88E-03
488	ALL	654410.1	4187548	NonCancer	0.00E+00	1.56E-04	3.93E-03	0.00E+00	0.00E+00	3.93E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	3.93E-03
489	ALL	654430.1	4187548	NonCancer	0.00E+00	1.53E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
490	ALL	654450.1	4187548	NonCancer	0.00E+00	1.46E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
491	ALL	654470.1	4187548	NonCancer	0.00E+00	1.35E-04	3.43E-03	0.00E+00	0.00E+00	3.43E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	3.43E-03
492	ALL	654490.1	4187548	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
493	ALL	653690.1	4187568	NonCancer	0.00E+00	3.55E-04	9.18E-03	0.00E+00	0.00E+00	9.18E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	9.18E-03	0.00E+00	0.00E+00	9.18E-03
494	ALL	653710.1	4187568	NonCancer	0.00E+00	3.42E-04	8.94E-03	0.00E+00	0.00E+00	8.94E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.94E-03	0.00E+00	0.00E+00	8.94E-03
495	ALL	653730.1	4187568	NonCancer	0.00E+00	4.00E-04	9.96E-03	0.00E+00	0.00E+00	9.96E-03	4.00E-04	0.00E+00	4.00E-04	0.00E+00	0.00E+00	9.96E-03	0.00E+00	0.00E+00	9.96E-03
496	ALL	653750.1	4187568	NonCancer	0.00E+00	3.68E-04	9.28E-03	0.00E+00	0.00E+00	9.28E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	9.28E-03
497	ALL	653770.1	4187568	NonCancer	0.00E+00	3.40E-04	8.78E-03	0.00E+00	0.00E+00	8.78E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	8.78E-03
498	ALL	653790.1	4187568	NonCancer	0.00E+00	3.68E-04	9.23E-03	0.00E+00	0.00E+00	9.23E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	9.23E-03
499	ALL	653810.1	4187568	NonCancer	0.00E+00	3.55E-04	9.00E-03	0.00E+00	0.00E+00	9.00E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	9.00E-03

500	ALL	653830.1	4187568	NonCancer	0.00E+00	3.57E-04	9.01E-03	0.00E+00	0.00E+00	9.01E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	9.01E-03
501	ALL	653850.1	4187568	NonCancer	0.00E+00	3.57E-04	8.99E-03	0.00E+00	0.00E+00	8.99E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	8.99E-03	0.00E+00	0.00E+00	8.99E-03
502	ALL	653870.1	4187568	NonCancer	0.00E+00	3.47E-04	8.77E-03	0.00E+00	0.00E+00	8.77E-03	3.47E-04	0.00E+00	3.47E-04	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	8.77E-03
503	ALL	653890.1	4187568	NonCancer	0.00E+00	3.43E-04	8.63E-03	0.00E+00	0.00E+00	8.63E-03	3.43E-04	0.00E+00	3.43E-04	0.00E+00	0.00E+00	8.63E-03	0.00E+00	0.00E+00	8.63E-03
504	ALL	653910.1	4187568	NonCancer	0.00E+00	3.34E-04	8.38E-03	0.00E+00	0.00E+00	8.38E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	8.38E-03
505	ALL	653930.1	4187568	NonCancer	0.00E+00	3.20E-04	8.06E-03	0.00E+00	0.00E+00	8.06E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	8.06E-03
506	ALL	653950.1	4187568	NonCancer	0.00E+00	3.05E-04	7.72E-03	0.00E+00	0.00E+00	7.72E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	7.72E-03
507	ALL	653970.1	4187568	NonCancer	0.00E+00	3.07E-04	7.62E-03	0.00E+00	0.00E+00	7.62E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	7.62E-03
508	ALL	653990.1	4187568	NonCancer	0.00E+00	2.62E-04	6.69E-03	0.00E+00	0.00E+00	6.69E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	6.69E-03
509	ALL	654010.1	4187568	NonCancer	0.00E+00	2.78E-04	6.95E-03	0.00E+00	0.00E+00	6.95E-03	2.78E-04	0.00E+00	2.78E-04	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	6.95E-03
510	ALL	654030.1	4187568	NonCancer	0.00E+00	2.52E-04	6.37E-03	0.00E+00	0.00E+00	6.37E-03	2.52E-04	0.00E+00	2.52E-04	0.00E+00	0.00E+00	6.37E-03	0.00E+00	0.00E+00	6.37E-03
511	ALL	654050.1	4187568	NonCancer	0.00E+00	2.49E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
512	ALL	654070.1	4187568	NonCancer	0.00E+00	2.32E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.32E-04	0.00E+00	2.32E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
513	ALL	654090.1	4187568	NonCancer	0.00E+00	2.43E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
514	ALL	654110.1	4187568	NonCancer	0.00E+00	2.23E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
515	ALL	654130.1	4187568	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
516	ALL	654150.1	4187568	NonCancer	0.00E+00	1.89E-04	4.74E-03	0.00E+00	0.00E+00	4.74E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	4.74E-03
517	ALL	654170.1	4187568	NonCancer	0.00E+00	1.83E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
518	ALL	654190.1	4187568	NonCancer	0.00E+00	1.84E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
519	ALL	654210.1	4187568	NonCancer	0.00E+00	1.97E-04	4.96E-03	0.00E+00	0.00E+00	4.96E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	4.96E-03
520	ALL	654230.1	4187568	NonCancer	0.00E+00	1.94E-04	4.85E-03	0.00E+00	0.00E+00	4.85E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.85E-03
521	ALL	654250.1	4187568	NonCancer	0.00E+00	1.77E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
522	ALL	654270.1	4187568	NonCancer	0.00E+00	1.81E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
523	ALL	654290.1	4187568	NonCancer	0.00E+00	1.75E-04	4.40E-03	0.00E+00	0.00E+00	4.40E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	4.40E-03
524	ALL	654310.1	4187568	NonCancer	0.00E+00	1.68E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
525	ALL	654330.1	4187568	NonCancer	0.00E+00	1.64E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
526	ALL	654350.1	4187568	NonCancer	0.00E+00	1.60E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
527	ALL	654370.1	4187568	NonCancer	0.00E+00	1.66E-04	4.20E-03	0.00E+00	0.00E+00	4.20E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	4.20E-03
528	ALL	654390.1	4187568	NonCancer	0.00E+00	1.65E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
529	ALL	654410.1	4187568	NonCancer	0.00E+00	1.59E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
530	ALL	654430.1	4187568	NonCancer	0.00E+00	1.48E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
531	ALL	654450.1	4187568	NonCancer	0.00E+00	1.33E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
532	ALL	654470.1	4187568	NonCancer	0.00E+00	1.17E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
533	ALL	654490.1	4187568	NonCancer	0.00E+00	1.02E-04	2.67E-03	0.00E+00	0.00E+00	2.67E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	2.67E-03
534	ALL	653690.1	4187588	NonCancer	0.00E+00	3.85E-04	9.91E-03	0.00E+00	0.00E+00	9.91E-03	3.85E-04	0.00E+00	3.85E-04	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	9.91E-03
535	ALL	653710.1	4187588	NonCancer	0.00E+00	3.69E-04	9.61E-03	0.00E+00	0.00E+00	9.61E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	9.61E-03
536	ALL	653730.1	4187588	NonCancer	0.00E+00	4.26E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
537	ALL	653750.1	4187588	NonCancer	0.00E+00	3.93E-04	9.93E-03	0.00E+00	0.00E+00	9.93E-03	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	9.93E-03
538	ALL	653770.1	4187588	NonCancer	0.00E+00	3.60E-04	9.29E-03	0.00E+00	0.00E+00	9.29E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.29E-03
539	ALL	653790.1	4187588	NonCancer	0.00E+00	3.99E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	3.99E-04	0.00E+00	3.99E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
540	ALL	653810.1	4187588	NonCancer	0.00E+00	3.64E-04	9.29E-03	0.00E+00	0.00E+00	9.29E-03	3.64E-04	0.00E+00	3.64E-04	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.29E-03
541	ALL	653830.1	4187588	NonCancer	0.00E+00	3.82E-04	9.60E-03	0.00E+00	0.00E+00	9.60E-03	3.82E-04	0.00E+00	3.82E-04	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	9.60E-03
542	ALL	653850.1	4187588	NonCancer	0.00E+00	3.72E-04	9.41E-03	0.00E+00	0.00E+00	9.41E-03	3.72E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	9.41E-03
543	ALL	653870.1	4187588	NonCancer	0.00E+00	3.72E-04	9.38E-03	0.00E+00	0.00E+00	9.38E-03	3.72E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	9.38E-03
544	ALL	653890.1	4187588	NonCancer	0.00E+00	3.66E-04	9.15E-03	0.00E+00	0.00E+00	9.15E-03	3.66E-04	0.00E+00	3.66E-04	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	9.15E-03
545	ALL	653910.1	4187588	NonCancer	0.00E+00	3.39E-04	8.51E-03	0.00E+00	0.00E+00	8.51E-03	3.39E-04	0.00E+00	3.39E-04	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	8.51E-03
546	ALL	653930.1	4187588	NonCancer	0.00E+00	3.27E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.27E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
547	ALL	653950.1	4187588	NonCancer	0.00E+00	3.37E-04	8.39E-03	0.00E+00	0.00E+00	8.39E-03	3.37E-04	0.00E+00	3.37E-04	0.00E+00	0.00E+00	8.39E-03	0.00E+00	0.00E+00	8.39E-03
548	ALL	653970.1	4187588	NonCancer	0.00E+00	3.00E-04	7.58E-03	0.00E+00	0.00E+00	7.58E-03	3.00E-04	0.00E+00	3.00E-04	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	7.58E-03
549	ALL	653990.1	4187588	NonCancer	0.00E+00	2.96E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03

550	ALL	654010.1	4187588	NonCancer	0.00E+00	2.82E-04	7.08E-03	0.00E+00	0.00E+00	7.08E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	7.08E-03
551	ALL	654030.1	4187588	NonCancer	0.00E+00	2.70E-04	6.73E-03	0.00E+00	0.00E+00	6.73E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	6.73E-03
552	ALL	654050.1	4187588	NonCancer	0.00E+00	2.45E-04	6.25E-03	0.00E+00	0.00E+00	6.25E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	6.25E-03
553	ALL	654070.1	4187588	NonCancer	0.00E+00	2.61E-04	6.54E-03	0.00E+00	0.00E+00	6.54E-03	2.61E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	6.54E-03
554	ALL	654090.1	4187588	NonCancer	0.00E+00	2.41E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
555	ALL	654110.1	4187588	NonCancer	0.00E+00	2.20E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
556	ALL	654130.1	4187588	NonCancer	0.00E+00	2.02E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
557	ALL	654150.1	4187588	NonCancer	0.00E+00	1.95E-04	4.95E-03	0.00E+00	0.00E+00	4.95E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.95E-03
558	ALL	654170.1	4187588	NonCancer	0.00E+00	2.01E-04	5.12E-03	0.00E+00	0.00E+00	5.12E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.12E-03
559	ALL	654190.1	4187588	NonCancer	0.00E+00	2.12E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
560	ALL	654210.1	4187588	NonCancer	0.00E+00	2.04E-04	5.12E-03	0.00E+00	0.00E+00	5.12E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	5.12E-03
561	ALL	654230.1	4187588	NonCancer	0.00E+00	1.91E-04	4.83E-03	0.00E+00	0.00E+00	4.83E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	4.83E-03
562	ALL	654250.1	4187588	NonCancer	0.00E+00	1.93E-04	4.85E-03	0.00E+00	0.00E+00	4.85E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	4.85E-03
563	ALL	654270.1	4187588	NonCancer	0.00E+00	1.82E-04	4.58E-03	0.00E+00	0.00E+00	4.58E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.58E-03
564	ALL	654290.1	4187588	NonCancer	0.00E+00	1.79E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
565	ALL	654310.1	4187588	NonCancer	0.00E+00	1.71E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
566	ALL	654330.1	4187588	NonCancer	0.00E+00	1.77E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
567	ALL	654350.1	4187588	NonCancer	0.00E+00	1.79E-04	4.50E-03	0.00E+00	0.00E+00	4.50E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.50E-03
568	ALL	654370.1	4187588	NonCancer	0.00E+00	1.73E-04	4.37E-03	0.00E+00	0.00E+00	4.37E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.37E-03
569	ALL	654390.1	4187588	NonCancer	0.00E+00	1.62E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
570	ALL	654410.1	4187588	NonCancer	0.00E+00	1.47E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
571	ALL	654430.1	4187588	NonCancer	0.00E+00	1.29E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
572	ALL	654450.1	4187588	NonCancer	0.00E+00	1.11E-04	2.90E-03	0.00E+00	0.00E+00	2.90E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	2.90E-03
573	ALL	654470.1	4187588	NonCancer	0.00E+00	1.03E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
574	ALL	654490.1	4187588	NonCancer	0.00E+00	9.43E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.43E-05	0.00E+00	9.43E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
575	ALL	653690.1	4187608	NonCancer	0.00E+00	4.18E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.18E-04	0.00E+00	4.18E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
576	ALL	653710.1	4187608	NonCancer	0.00E+00	3.98E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	3.98E-04	0.00E+00	3.98E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
577	ALL	653730.1	4187608	NonCancer	0.00E+00	4.56E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.56E-04	0.00E+00	4.56E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
578	ALL	653750.1	4187608	NonCancer	0.00E+00	4.20E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.20E-04	0.00E+00	4.20E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
579	ALL	653770.1	4187608	NonCancer	0.00E+00	3.88E-04	9.98E-03	0.00E+00	0.00E+00	9.98E-03	3.88E-04	0.00E+00	3.88E-04	0.00E+00	0.00E+00	9.98E-03	0.00E+00	0.00E+00	9.98E-03
580	ALL	653790.1	4187608	NonCancer	0.00E+00	4.31E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.31E-04	0.00E+00	4.31E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
581	ALL	653810.1	4187608	NonCancer	0.00E+00	3.83E-04	9.81E-03	0.00E+00	0.00E+00	9.81E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.81E-03	0.00E+00	0.00E+00	9.81E-03
582	ALL	653830.1	4187608	NonCancer	0.00E+00	4.02E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.02E-04	0.00E+00	4.02E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
583	ALL	653850.1	4187608	NonCancer	0.00E+00	3.88E-04	9.85E-03	0.00E+00	0.00E+00	9.85E-03	3.88E-04	0.00E+00	3.88E-04	0.00E+00	0.00E+00	9.85E-03	0.00E+00	0.00E+00	9.85E-03
584	ALL	653870.1	4187608	NonCancer	0.00E+00	3.91E-04	9.86E-03	0.00E+00	0.00E+00	9.86E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.86E-03	0.00E+00	0.00E+00	9.86E-03
585	ALL	653890.1	4187608	NonCancer	0.00E+00	3.87E-04	9.70E-03	0.00E+00	0.00E+00	9.70E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.70E-03	0.00E+00	0.00E+00	9.70E-03
586	ALL	653910.1	4187608	NonCancer	0.00E+00	3.68E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
587	ALL	653930.1	4187608	NonCancer	0.00E+00	3.54E-04	8.92E-03	0.00E+00	0.00E+00	8.92E-03	3.54E-04	0.00E+00	3.54E-04	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	8.92E-03
588	ALL	653950.1	4187608	NonCancer	0.00E+00	3.46E-04	8.62E-03	0.00E+00	0.00E+00	8.62E-03	3.46E-04	0.00E+00	3.46E-04	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	8.62E-03
589	ALL	653970.1	4187608	NonCancer	0.00E+00	3.09E-04	7.83E-03	0.00E+00	0.00E+00	7.83E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.83E-03
590	ALL	653990.1	4187608	NonCancer	0.00E+00	3.13E-04	7.82E-03	0.00E+00	0.00E+00	7.82E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	7.82E-03
591	ALL	654010.1	4187608	NonCancer	0.00E+00	2.92E-04	7.29E-03	0.00E+00	0.00E+00	7.29E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	7.29E-03
592	ALL	654030.1	4187608	NonCancer	0.00E+00	2.65E-04	6.76E-03	0.00E+00	0.00E+00	6.76E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	6.76E-03
593	ALL	654050.1	4187608	NonCancer	0.00E+00	2.81E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
594	ALL	654070.1	4187608	NonCancer	0.00E+00	2.62E-04	6.53E-03	0.00E+00	0.00E+00	6.53E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	6.53E-03
595	ALL	654090.1	4187608	NonCancer	0.00E+00	2.37E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
596	ALL	654110.1	4187608	NonCancer	0.00E+00	2.18E-04	5.47E-03	0.00E+00	0.00E+00	5.47E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.47E-03
597	ALL	654130.1	4187608	NonCancer	0.00E+00	2.08E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03
598	ALL	654150.1	4187608	NonCancer	0.00E+00	2.20E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
599	ALL	654170.1	4187608	NonCancer	0.00E+00	2.28E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03

600	ALL	654190.1	4187608	NonCancer	0.00E+00	2.15E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.15E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
601	ALL	654210.1	4187608	NonCancer	0.00E+00	2.08E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
602	ALL	654230.1	4187608	NonCancer	0.00E+00	2.05E-04	5.14E-03	0.00E+00	0.00E+00	5.14E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.14E-03
603	ALL	654250.1	4187608	NonCancer	0.00E+00	1.94E-04	4.87E-03	0.00E+00	0.00E+00	4.87E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.87E-03
604	ALL	654270.1	4187608	NonCancer	0.00E+00	1.90E-04	4.79E-03	0.00E+00	0.00E+00	4.79E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	4.79E-03
605	ALL	654290.1	4187608	NonCancer	0.00E+00	1.87E-04	4.76E-03	0.00E+00	0.00E+00	4.76E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.76E-03
606	ALL	654310.1	4187608	NonCancer	0.00E+00	1.93E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
607	ALL	654330.1	4187608	NonCancer	0.00E+00	1.89E-04	4.77E-03	0.00E+00	0.00E+00	4.77E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	4.77E-03
608	ALL	654350.1	4187608	NonCancer	0.00E+00	1.79E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
609	ALL	654370.1	4187608	NonCancer	0.00E+00	1.63E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
610	ALL	654390.1	4187608	NonCancer	0.00E+00	1.43E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
611	ALL	654410.1	4187608	NonCancer	0.00E+00	1.23E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
612	ALL	654430.1	4187608	NonCancer	0.00E+00	1.12E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
613	ALL	654450.1	4187608	NonCancer	0.00E+00	1.02E-04	2.63E-03	0.00E+00	0.00E+00	2.63E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	2.63E-03
614	ALL	654470.1	4187608	NonCancer	0.00E+00	1.01E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
615	ALL	654490.1	4187608	NonCancer	0.00E+00	1.03E-04	2.60E-03	0.00E+00	0.00E+00	2.60E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	2.60E-03
616	ALL	653690.1	4187628	NonCancer	0.00E+00	4.52E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.52E-04	0.00E+00	4.52E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
617	ALL	653710.1	4187628	NonCancer	0.00E+00	4.31E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.31E-04	0.00E+00	4.31E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
618	ALL	653730.1	4187628	NonCancer	0.00E+00	4.89E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
619	ALL	653750.1	4187628	NonCancer	0.00E+00	4.50E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
620	ALL	653770.1	4187628	NonCancer	0.00E+00	4.21E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.21E-04	0.00E+00	4.21E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
621	ALL	653790.1	4187628	NonCancer	0.00E+00	4.63E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.63E-04	0.00E+00	4.63E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
622	ALL	653810.1	4187628	NonCancer	0.00E+00	4.29E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.29E-04	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
623	ALL	653830.1	4187628	NonCancer	0.00E+00	4.40E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.40E-04	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
624	ALL	653850.1	4187628	NonCancer	0.00E+00	4.26E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
625	ALL	653870.1	4187628	NonCancer	0.00E+00	4.24E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.24E-04	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
626	ALL	653890.1	4187628	NonCancer	0.00E+00	3.91E-04	9.82E-03	0.00E+00	0.00E+00	9.82E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.82E-03	0.00E+00	0.00E+00	9.82E-03
627	ALL	653910.1	4187628	NonCancer	0.00E+00	3.77E-04	9.57E-03	0.00E+00	0.00E+00	9.57E-03	3.77E-04	0.00E+00	3.77E-04	0.00E+00	0.00E+00	9.57E-03	0.00E+00	0.00E+00	9.57E-03
628	ALL	653930.1	4187628	NonCancer	0.00E+00	3.87E-04	9.59E-03	0.00E+00	0.00E+00	9.59E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.59E-03	0.00E+00	0.00E+00	9.59E-03
629	ALL	653950.1	4187628	NonCancer	0.00E+00	3.28E-04	8.36E-03	0.00E+00	0.00E+00	8.36E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.36E-03
630	ALL	653970.1	4187628	NonCancer	0.00E+00	3.44E-04	8.55E-03	0.00E+00	0.00E+00	8.55E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	8.55E-03
631	ALL	653990.1	4187628	NonCancer	0.00E+00	3.13E-04	7.85E-03	0.00E+00	0.00E+00	7.85E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	7.85E-03
632	ALL	654010.1	4187628	NonCancer	0.00E+00	2.96E-04	7.49E-03	0.00E+00	0.00E+00	7.49E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.49E-03
633	ALL	654030.1	4187628	NonCancer	0.00E+00	3.03E-04	7.59E-03	0.00E+00	0.00E+00	7.59E-03	3.03E-04	0.00E+00	3.03E-04	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	7.59E-03
634	ALL	654050.1	4187628	NonCancer	0.00E+00	2.85E-04	7.11E-03	0.00E+00	0.00E+00	7.11E-03	2.85E-04	0.00E+00	2.85E-04	0.00E+00	0.00E+00	7.11E-03	0.00E+00	0.00E+00	7.11E-03
635	ALL	654070.1	4187628	NonCancer	0.00E+00	2.57E-04	6.39E-03	0.00E+00	0.00E+00	6.39E-03	2.57E-04	0.00E+00	2.57E-04	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	6.39E-03
636	ALL	654090.1	4187628	NonCancer	0.00E+00	2.35E-04	5.90E-03	0.00E+00	0.00E+00	5.90E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	5.90E-03
637	ALL	654110.1	4187628	NonCancer	0.00E+00	2.21E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
638	ALL	654130.1	4187628	NonCancer	0.00E+00	2.41E-04	6.10E-03	0.00E+00	0.00E+00	6.10E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	6.10E-03
639	ALL	654150.1	4187628	NonCancer	0.00E+00	2.45E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
640	ALL	654170.1	4187628	NonCancer	0.00E+00	2.25E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
641	ALL	654190.1	4187628	NonCancer	0.00E+00	2.26E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
642	ALL	654210.1	4187628	NonCancer	0.00E+00	2.16E-04	5.40E-03	0.00E+00	0.00E+00	5.40E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	5.40E-03
643	ALL	654230.1	4187628	NonCancer	0.00E+00	2.09E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.09E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
644	ALL	654250.1	4187628	NonCancer	0.00E+00	1.98E-04	5.06E-03	0.00E+00	0.00E+00	5.06E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	5.06E-03
645	ALL	654270.1	4187628	NonCancer	0.00E+00	2.07E-04	5.25E-03	0.00E+00	0.00E+00	5.25E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	5.25E-03
646	ALL	654290.1	4187628	NonCancer	0.00E+00	2.07E-04	5.22E-03	0.00E+00	0.00E+00	5.22E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	5.22E-03
647	ALL	654310.1	4187628	NonCancer	0.00E+00	1.98E-04	4.98E-03	0.00E+00	0.00E+00	4.98E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	4.98E-03
648	ALL	654330.1	4187628	NonCancer	0.00E+00	1.81E-04	4.59E-03	0.00E+00	0.00E+00	4.59E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.59E-03
649	ALL	654350.1	4187628	NonCancer	0.00E+00	1.60E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03

650	ALL	654370.1	4187628	NonCancer	0.00E+00	1.37E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
651	ALL	654390.1	4187628	NonCancer	0.00E+00	1.22E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
652	ALL	654410.1	4187628	NonCancer	0.00E+00	1.11E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
653	ALL	654430.1	4187628	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
654	ALL	654450.1	4187628	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
655	ALL	654470.1	4187628	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
656	ALL	654490.1	4187628	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
657	ALL	653690.1	4187648	NonCancer	0.00E+00	4.89E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
658	ALL	653710.1	4187648	NonCancer	0.00E+00	4.67E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.67E-04	0.00E+00	4.67E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
659	ALL	653730.1	4187648	NonCancer	0.00E+00	5.26E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.26E-04	0.00E+00	5.26E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
660	ALL	653750.1	4187648	NonCancer	0.00E+00	4.83E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.83E-04	0.00E+00	4.83E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
661	ALL	653770.1	4187648	NonCancer	0.00E+00	4.58E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.58E-04	0.00E+00	4.58E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
662	ALL	653790.1	4187648	NonCancer	0.00E+00	4.93E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.93E-04	0.00E+00	4.93E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
663	ALL	653810.1	4187648	NonCancer	0.00E+00	4.73E-04	1.19E-02	0.00E+00	0.00E+00	1.19E-02	4.73E-04	0.00E+00	4.73E-04	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.19E-02
664	ALL	653830.1	4187648	NonCancer	0.00E+00	4.68E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.68E-04	0.00E+00	4.68E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
665	ALL	653850.1	4187648	NonCancer	0.00E+00	4.62E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.62E-04	0.00E+00	4.62E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
666	ALL	653870.1	4187648	NonCancer	0.00E+00	4.54E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.54E-04	0.00E+00	4.54E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
667	ALL	653890.1	4187648	NonCancer	0.00E+00	4.30E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.30E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
668	ALL	653910.1	4187648	NonCancer	0.00E+00	4.17E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.17E-04	0.00E+00	4.17E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
669	ALL	653930.1	4187648	NonCancer	0.00E+00	3.91E-04	9.80E-03	0.00E+00	0.00E+00	9.80E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	9.80E-03
670	ALL	653950.1	4187648	NonCancer	0.00E+00	3.72E-04	9.30E-03	0.00E+00	0.00E+00	9.30E-03	3.72E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	9.30E-03
671	ALL	653970.1	4187648	NonCancer	0.00E+00	3.44E-04	8.64E-03	0.00E+00	0.00E+00	8.64E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.64E-03	0.00E+00	0.00E+00	8.64E-03
672	ALL	653990.1	4187648	NonCancer	0.00E+00	3.30E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
673	ALL	654010.1	4187648	NonCancer	0.00E+00	3.27E-04	8.21E-03	0.00E+00	0.00E+00	8.21E-03	3.27E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	8.21E-03
674	ALL	654030.1	4187648	NonCancer	0.00E+00	3.13E-04	7.77E-03	0.00E+00	0.00E+00	7.77E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	7.77E-03
675	ALL	654050.1	4187648	NonCancer	0.00E+00	2.79E-04	6.93E-03	0.00E+00	0.00E+00	6.93E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	6.93E-03
676	ALL	654070.1	4187648	NonCancer	0.00E+00	2.55E-04	6.40E-03	0.00E+00	0.00E+00	6.40E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	6.40E-03
677	ALL	654090.1	4187648	NonCancer	0.00E+00	2.39E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
678	ALL	654110.1	4187648	NonCancer	0.00E+00	2.65E-04	6.68E-03	0.00E+00	0.00E+00	6.68E-03	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	6.68E-03
679	ALL	654130.1	4187648	NonCancer	0.00E+00	2.62E-04	6.56E-03	0.00E+00	0.00E+00	6.56E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.56E-03
680	ALL	654150.1	4187648	NonCancer	0.00E+00	2.42E-04	6.10E-03	0.00E+00	0.00E+00	6.10E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	6.10E-03
681	ALL	654170.1	4187648	NonCancer	0.00E+00	2.43E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
682	ALL	654190.1	4187648	NonCancer	0.00E+00	2.27E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03
683	ALL	654210.1	4187648	NonCancer	0.00E+00	2.23E-04	5.62E-03	0.00E+00	0.00E+00	5.62E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	5.62E-03
684	ALL	654230.1	4187648	NonCancer	0.00E+00	2.23E-04	5.65E-03	0.00E+00	0.00E+00	5.65E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.65E-03
685	ALL	654250.1	4187648	NonCancer	0.00E+00	2.27E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03
686	ALL	654270.1	4187648	NonCancer	0.00E+00	2.19E-04	5.51E-03	0.00E+00	0.00E+00	5.51E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.51E-03
687	ALL	654290.1	4187648	NonCancer	0.00E+00	2.02E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
688	ALL	654310.1	4187648	NonCancer	0.00E+00	1.79E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03
689	ALL	654330.1	4187648	NonCancer	0.00E+00	1.53E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
690	ALL	654350.1	4187648	NonCancer	0.00E+00	1.33E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
691	ALL	654370.1	4187648	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
692	ALL	654390.1	4187648	NonCancer	0.00E+00	1.20E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
693	ALL	654410.1	4187648	NonCancer	0.00E+00	1.22E-04	3.08E-03	0.00E+00	0.00E+00	3.08E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	3.08E-03
694	ALL	654430.1	4187648	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
695	ALL	654450.1	4187648	NonCancer	0.00E+00	1.19E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
696	ALL	654470.1	4187648	NonCancer	0.00E+00	1.13E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
697	ALL	654490.1	4187648	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
698	ALL	653690.1	4187668	NonCancer	0.00E+00	5.26E-04	1.34E-02	0.00E+00	0.00E+00	1.34E-02	5.26E-04	0.00E+00	5.26E-04	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.34E-02
699	ALL	653710.1	4187668	NonCancer	0.00E+00	5.07E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.07E-04	0.00E+00	5.07E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02

700	ALL	653730.1	4187668	NonCancer	0.00E+00	5.68E-04	1.41E-02	0.00E+00	0.00E+00	1.41E-02	5.68E-04	0.00E+00	5.68E-04	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	1.41E-02
701	ALL	653750.1	4187668	NonCancer	0.00E+00	5.19E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.19E-04	0.00E+00	5.19E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
702	ALL	653770.1	4187668	NonCancer	0.00E+00	5.01E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	5.01E-04	0.00E+00	5.01E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
703	ALL	653790.1	4187668	NonCancer	0.00E+00	5.21E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.21E-04	0.00E+00	5.21E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
704	ALL	653810.1	4187668	NonCancer	0.00E+00	5.15E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.15E-04	0.00E+00	5.15E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
705	ALL	653830.1	4187668	NonCancer	0.00E+00	4.86E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.86E-04	0.00E+00	4.86E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
706	ALL	653850.1	4187668	NonCancer	0.00E+00	4.94E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.94E-04	0.00E+00	4.94E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
707	ALL	653870.1	4187668	NonCancer	0.00E+00	4.68E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.68E-04	0.00E+00	4.68E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
708	ALL	653890.1	4187668	NonCancer	0.00E+00	4.41E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
709	ALL	653910.1	4187668	NonCancer	0.00E+00	4.50E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
710	ALL	653930.1	4187668	NonCancer	0.00E+00	3.93E-04	9.94E-03	0.00E+00	0.00E+00	9.94E-03	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	9.94E-03	0.00E+00	0.00E+00	9.94E-03
711	ALL	653950.1	4187668	NonCancer	0.00E+00	3.92E-04	9.79E-03	0.00E+00	0.00E+00	9.79E-03	3.92E-04	0.00E+00	3.92E-04	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	9.79E-03
712	ALL	653970.1	4187668	NonCancer	0.00E+00	3.67E-04	9.18E-03	0.00E+00	0.00E+00	9.18E-03	3.67E-04	0.00E+00	3.67E-04	0.00E+00	0.00E+00	9.18E-03	0.00E+00	0.00E+00	9.18E-03
713	ALL	653990.1	4187668	NonCancer	0.00E+00	3.53E-04	8.90E-03	0.00E+00	0.00E+00	8.90E-03	3.53E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	8.90E-03
714	ALL	654010.1	4187668	NonCancer	0.00E+00	3.44E-04	8.54E-03	0.00E+00	0.00E+00	8.54E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.54E-03
715	ALL	654030.1	4187668	NonCancer	0.00E+00	3.04E-04	7.56E-03	0.00E+00	0.00E+00	7.56E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	7.56E-03
716	ALL	654050.1	4187668	NonCancer	0.00E+00	2.79E-04	6.99E-03	0.00E+00	0.00E+00	6.99E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	6.99E-03
717	ALL	654070.1	4187668	NonCancer	0.00E+00	2.67E-04	6.84E-03	0.00E+00	0.00E+00	6.84E-03	2.67E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.84E-03
718	ALL	654090.1	4187668	NonCancer	0.00E+00	2.92E-04	7.31E-03	0.00E+00	0.00E+00	7.31E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	7.31E-03
719	ALL	654110.1	4187668	NonCancer	0.00E+00	2.81E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
720	ALL	654130.1	4187668	NonCancer	0.00E+00	2.68E-04	6.71E-03	0.00E+00	0.00E+00	6.71E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.71E-03	0.00E+00	0.00E+00	6.71E-03
721	ALL	654150.1	4187668	NonCancer	0.00E+00	2.60E-04	6.50E-03	0.00E+00	0.00E+00	6.50E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.50E-03
722	ALL	654170.1	4187668	NonCancer	0.00E+00	2.48E-04	6.22E-03	0.00E+00	0.00E+00	6.22E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	6.22E-03
723	ALL	654190.1	4187668	NonCancer	0.00E+00	2.38E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03
724	ALL	654210.1	4187668	NonCancer	0.00E+00	2.48E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
725	ALL	654230.1	4187668	NonCancer	0.00E+00	2.43E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
726	ALL	654250.1	4187668	NonCancer	0.00E+00	2.27E-04	5.72E-03	0.00E+00	0.00E+00	5.72E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	5.72E-03
727	ALL	654270.1	4187668	NonCancer	0.00E+00	2.02E-04	5.14E-03	0.00E+00	0.00E+00	5.14E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.14E-03
728	ALL	654290.1	4187668	NonCancer	0.00E+00	1.73E-04	4.46E-03	0.00E+00	0.00E+00	4.46E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.46E-03
729	ALL	654310.1	4187668	NonCancer	0.00E+00	1.47E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
730	ALL	654330.1	4187668	NonCancer	0.00E+00	1.32E-04	3.42E-03	0.00E+00	0.00E+00	3.42E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	3.42E-03
731	ALL	654350.1	4187668	NonCancer	0.00E+00	1.32E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
732	ALL	654370.1	4187668	NonCancer	0.00E+00	1.34E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
733	ALL	654390.1	4187668	NonCancer	0.00E+00	1.33E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
734	ALL	654410.1	4187668	NonCancer	0.00E+00	1.28E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
735	ALL	654430.1	4187668	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
736	ALL	654450.1	4187668	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
737	ALL	654470.1	4187668	NonCancer	0.00E+00	1.11E-04	2.79E-03	0.00E+00	0.00E+00	2.79E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	2.79E-03
738	ALL	654490.1	4187668	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
739	ALL	653690.1	4187688	NonCancer	0.00E+00	5.64E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.64E-04	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
740	ALL	653710.1	4187688	NonCancer	0.00E+00	5.50E-04	1.42E-02	0.00E+00	0.00E+00	1.42E-02	5.50E-04	0.00E+00	5.50E-04	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.42E-02
741	ALL	653730.1	4187688	NonCancer	0.00E+00	6.14E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.14E-04	0.00E+00	6.14E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
742	ALL	653750.1	4187688	NonCancer	0.00E+00	5.59E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.59E-04	0.00E+00	5.59E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02
743	ALL	653770.1	4187688	NonCancer	0.00E+00	5.62E-04	1.42E-02	0.00E+00	0.00E+00	1.42E-02	5.62E-04	0.00E+00	5.62E-04	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.42E-02
744	ALL	653790.1	4187688	NonCancer	0.00E+00	5.43E-04	1.38E-02	0.00E+00	0.00E+00	1.38E-02	5.43E-04	0.00E+00	5.43E-04	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.38E-02
745	ALL	653810.1	4187688	NonCancer	0.00E+00	5.54E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.54E-04	0.00E+00	5.54E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
746	ALL	653830.1	4187688	NonCancer	0.00E+00	5.40E-04	1.36E-02	0.00E+00	0.00E+00	1.36E-02	5.40E-04	0.00E+00	5.40E-04	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.36E-02
747	ALL	653850.1	4187688	NonCancer	0.00E+00	5.37E-04	1.34E-02	0.00E+00	0.00E+00	1.34E-02	5.37E-04	0.00E+00	5.37E-04	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.34E-02
748	ALL	653870.1	4187688	NonCancer	0.00E+00	5.10E-04	1.28E-02	0.00E+00	0.00E+00	1.28E-02	5.10E-04	0.00E+00	5.10E-04	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.28E-02
749	ALL	653890.1	4187688	NonCancer	0.00E+00	4.97E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.97E-04	0.00E+00	4.97E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02

750	ALL	653910.1	4187688	NonCancer	0.00E+00	4.41E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
751	ALL	653930.1	4187688	NonCancer	0.00E+00	4.41E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
752	ALL	653950.1	4187688	NonCancer	0.00E+00	4.05E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.05E-04	0.00E+00	4.05E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
753	ALL	653970.1	4187688	NonCancer	0.00E+00	3.83E-04	9.66E-03	0.00E+00	0.00E+00	9.66E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.66E-03
754	ALL	653990.1	4187688	NonCancer	0.00E+00	3.80E-04	9.44E-03	0.00E+00	0.00E+00	9.44E-03	3.80E-04	0.00E+00	3.80E-04	0.00E+00	0.00E+00	9.44E-03	0.00E+00	0.00E+00	9.44E-03
755	ALL	654010.1	4187688	NonCancer	0.00E+00	3.34E-04	8.28E-03	0.00E+00	0.00E+00	8.28E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	8.28E-03
756	ALL	654030.1	4187688	NonCancer	0.00E+00	3.06E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	3.06E-04	0.00E+00	3.06E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
757	ALL	654050.1	4187688	NonCancer	0.00E+00	3.01E-04	7.65E-03	0.00E+00	0.00E+00	7.65E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.65E-03	0.00E+00	0.00E+00	7.65E-03
758	ALL	654070.1	4187688	NonCancer	0.00E+00	3.21E-04	8.02E-03	0.00E+00	0.00E+00	8.02E-03	3.21E-04	0.00E+00	3.21E-04	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	8.02E-03
759	ALL	654090.1	4187688	NonCancer	0.00E+00	2.99E-04	7.50E-03	0.00E+00	0.00E+00	7.50E-03	2.99E-04	0.00E+00	2.99E-04	0.00E+00	0.00E+00	7.50E-03	0.00E+00	0.00E+00	7.50E-03
760	ALL	654110.1	4187688	NonCancer	0.00E+00	2.94E-04	7.35E-03	0.00E+00	0.00E+00	7.35E-03	2.94E-04	0.00E+00	2.94E-04	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	7.35E-03
761	ALL	654130.1	4187688	NonCancer	0.00E+00	2.75E-04	6.88E-03	0.00E+00	0.00E+00	6.88E-03	2.75E-04	0.00E+00	2.75E-04	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	6.88E-03
762	ALL	654150.1	4187688	NonCancer	0.00E+00	2.68E-04	6.75E-03	0.00E+00	0.00E+00	6.75E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	6.75E-03
763	ALL	654170.1	4187688	NonCancer	0.00E+00	2.70E-04	6.82E-03	0.00E+00	0.00E+00	6.82E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	6.82E-03
764	ALL	654190.1	4187688	NonCancer	0.00E+00	2.71E-04	6.80E-03	0.00E+00	0.00E+00	6.80E-03	2.71E-04	0.00E+00	2.71E-04	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	6.80E-03
765	ALL	654210.1	4187688	NonCancer	0.00E+00	2.56E-04	6.43E-03	0.00E+00	0.00E+00	6.43E-03	2.56E-04	0.00E+00	2.56E-04	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	6.43E-03
766	ALL	654230.1	4187688	NonCancer	0.00E+00	2.29E-04	5.81E-03	0.00E+00	0.00E+00	5.81E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	5.81E-03
767	ALL	654250.1	4187688	NonCancer	0.00E+00	1.96E-04	5.04E-03	0.00E+00	0.00E+00	5.04E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.04E-03
768	ALL	654270.1	4187688	NonCancer	0.00E+00	1.62E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
769	ALL	654290.1	4187688	NonCancer	0.00E+00	1.46E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
770	ALL	654310.1	4187688	NonCancer	0.00E+00	1.46E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
771	ALL	654330.1	4187688	NonCancer	0.00E+00	1.48E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
772	ALL	654350.1	4187688	NonCancer	0.00E+00	1.45E-04	3.64E-03	0.00E+00	0.00E+00	3.64E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.64E-03
773	ALL	654370.1	4187688	NonCancer	0.00E+00	1.39E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
774	ALL	654390.1	4187688	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
775	ALL	654410.1	4187688	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
776	ALL	654430.1	4187688	NonCancer	0.00E+00	1.20E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
777	ALL	654450.1	4187688	NonCancer	0.00E+00	1.15E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
778	ALL	654470.1	4187688	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
779	ALL	654490.1	4187688	NonCancer	0.00E+00	1.12E-04	2.81E-03	0.00E+00	0.00E+00	2.81E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	2.81E-03
780	ALL	653690.1	4187708	NonCancer	0.00E+00	6.01E-04	1.54E-02	0.00E+00	0.00E+00	1.54E-02	6.01E-04	0.00E+00	6.01E-04	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.54E-02
781	ALL	653710.1	4187708	NonCancer	0.00E+00	5.99E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	5.99E-04	0.00E+00	5.99E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
782	ALL	653730.1	4187708	NonCancer	0.00E+00	6.67E-04	1.65E-02	0.00E+00	0.00E+00	1.65E-02	6.67E-04	0.00E+00	6.67E-04	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.65E-02
783	ALL	653750.1	4187708	NonCancer	0.00E+00	6.02E-04	1.54E-02	0.00E+00	0.00E+00	1.54E-02	6.02E-04	0.00E+00	6.02E-04	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.54E-02
784	ALL	653770.1	4187708	NonCancer	0.00E+00	6.27E-04	1.58E-02	0.00E+00	0.00E+00	1.58E-02	6.27E-04	0.00E+00	6.27E-04	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.58E-02
785	ALL	653790.1	4187708	NonCancer	0.00E+00	5.85E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.85E-04	0.00E+00	5.85E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
786	ALL	653810.1	4187708	NonCancer	0.00E+00	6.06E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.06E-04	0.00E+00	6.06E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
787	ALL	653830.1	4187708	NonCancer	0.00E+00	5.90E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.90E-04	0.00E+00	5.90E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
788	ALL	653850.1	4187708	NonCancer	0.00E+00	5.71E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.71E-04	0.00E+00	5.71E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02
789	ALL	653870.1	4187708	NonCancer	0.00E+00	5.26E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.26E-04	0.00E+00	5.26E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
790	ALL	653890.1	4187708	NonCancer	0.00E+00	5.29E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.29E-04	0.00E+00	5.29E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
791	ALL	653910.1	4187708	NonCancer	0.00E+00	4.87E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.87E-04	0.00E+00	4.87E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
792	ALL	653930.1	4187708	NonCancer	0.00E+00	4.45E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
793	ALL	653950.1	4187708	NonCancer	0.00E+00	4.15E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.15E-04	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
794	ALL	653970.1	4187708	NonCancer	0.00E+00	4.23E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.23E-04	0.00E+00	4.23E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
795	ALL	653990.1	4187708	NonCancer	0.00E+00	3.69E-04	9.14E-03	0.00E+00	0.00E+00	9.14E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	9.14E-03
796	ALL	654010.1	4187708	NonCancer	0.00E+00	3.37E-04	8.47E-03	0.00E+00	0.00E+00	8.47E-03	3.37E-04	0.00E+00	3.37E-04	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	8.47E-03
797	ALL	654030.1	4187708	NonCancer	0.00E+00	3.40E-04	8.60E-03	0.00E+00	0.00E+00	8.60E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	8.60E-03
798	ALL	654050.1	4187708	NonCancer	0.00E+00	3.52E-04	8.79E-03	0.00E+00	0.00E+00	8.79E-03	3.52E-04	0.00E+00	3.52E-04	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	8.79E-03
799	ALL	654070.1	4187708	NonCancer	0.00E+00	3.21E-04	8.08E-03	0.00E+00	0.00E+00	8.08E-03	3.21E-04	0.00E+00	3.21E-04	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	8.08E-03

800	ALL	654090.1	4187708	NonCancer	0.00E+00	3.20E-04	7.99E-03	0.00E+00	0.00E+00	7.99E-03	3.20E-04	0.00E+00	3.20E-04	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	7.99E-03
801	ALL	654110.1	4187708	NonCancer	0.00E+00	3.02E-04	7.57E-03	0.00E+00	0.00E+00	7.57E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	7.57E-03
802	ALL	654130.1	4187708	NonCancer	0.00E+00	2.93E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
803	ALL	654150.1	4187708	NonCancer	0.00E+00	3.02E-04	7.58E-03	0.00E+00	0.00E+00	7.58E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	7.58E-03
804	ALL	654170.1	4187708	NonCancer	0.00E+00	2.90E-04	7.28E-03	0.00E+00	0.00E+00	7.28E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	7.28E-03
805	ALL	654190.1	4187708	NonCancer	0.00E+00	2.62E-04	6.62E-03	0.00E+00	0.00E+00	6.62E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	6.62E-03
806	ALL	654210.1	4187708	NonCancer	0.00E+00	2.25E-04	5.75E-03	0.00E+00	0.00E+00	5.75E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	5.75E-03
807	ALL	654230.1	4187708	NonCancer	0.00E+00	1.84E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
808	ALL	654250.1	4187708	NonCancer	0.00E+00	1.62E-04	4.19E-03	0.00E+00	0.00E+00	4.19E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.19E-03
809	ALL	654270.1	4187708	NonCancer	0.00E+00	1.62E-04	4.09E-03	0.00E+00	0.00E+00	4.09E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.09E-03
810	ALL	654290.1	4187708	NonCancer	0.00E+00	1.64E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
811	ALL	654310.1	4187708	NonCancer	0.00E+00	1.60E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
812	ALL	654330.1	4187708	NonCancer	0.00E+00	1.52E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
813	ALL	654350.1	4187708	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
814	ALL	654370.1	4187708	NonCancer	0.00E+00	1.36E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
815	ALL	654390.1	4187708	NonCancer	0.00E+00	1.29E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
816	ALL	654410.1	4187708	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
817	ALL	654430.1	4187708	NonCancer	0.00E+00	1.25E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
818	ALL	654450.1	4187708	NonCancer	0.00E+00	1.21E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
819	ALL	654470.1	4187708	NonCancer	0.00E+00	1.15E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
820	ALL	654490.1	4187708	NonCancer	0.00E+00	1.08E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
821	ALL	653690.1	4187728	NonCancer	0.00E+00	6.38E-04	1.65E-02	0.00E+00	0.00E+00	1.65E-02	6.38E-04	0.00E+00	6.38E-04	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.65E-02
822	ALL	653710.1	4187728	NonCancer	0.00E+00	6.72E-04	1.73E-02	0.00E+00	0.00E+00	1.73E-02	6.72E-04	0.00E+00	6.72E-04	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.73E-02
823	ALL	653730.1	4187728	NonCancer	0.00E+00	7.30E-04	1.82E-02	0.00E+00	0.00E+00	1.82E-02	7.30E-04	0.00E+00	7.30E-04	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.82E-02
824	ALL	653750.1	4187728	NonCancer	0.00E+00	6.51E-04	1.66E-02	0.00E+00	0.00E+00	1.66E-02	6.51E-04	0.00E+00	6.51E-04	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.66E-02
825	ALL	653770.1	4187728	NonCancer	0.00E+00	6.97E-04	1.75E-02	0.00E+00	0.00E+00	1.75E-02	6.97E-04	0.00E+00	6.97E-04	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.75E-02
826	ALL	653790.1	4187728	NonCancer	0.00E+00	6.64E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.64E-04	0.00E+00	6.64E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
827	ALL	653810.1	4187728	NonCancer	0.00E+00	6.41E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.41E-04	0.00E+00	6.41E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
828	ALL	653830.1	4187728	NonCancer	0.00E+00	6.51E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.51E-04	0.00E+00	6.51E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
829	ALL	653850.1	4187728	NonCancer	0.00E+00	6.18E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	6.18E-04	0.00E+00	6.18E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
830	ALL	653870.1	4187728	NonCancer	0.00E+00	6.04E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	6.04E-04	0.00E+00	6.04E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
831	ALL	653890.1	4187728	NonCancer	0.00E+00	5.25E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.25E-04	0.00E+00	5.25E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
832	ALL	653910.1	4187728	NonCancer	0.00E+00	5.09E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	5.09E-04	0.00E+00	5.09E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
833	ALL	653930.1	4187728	NonCancer	0.00E+00	4.64E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
834	ALL	653950.1	4187728	NonCancer	0.00E+00	4.74E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.74E-04	0.00E+00	4.74E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
835	ALL	653970.1	4187728	NonCancer	0.00E+00	4.10E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.10E-04	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
836	ALL	653990.1	4187728	NonCancer	0.00E+00	3.73E-04	9.41E-03	0.00E+00	0.00E+00	9.41E-03	3.73E-04	0.00E+00	3.73E-04	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	9.41E-03
837	ALL	654010.1	4187728	NonCancer	0.00E+00	3.86E-04	9.71E-03	0.00E+00	0.00E+00	9.71E-03	3.86E-04	0.00E+00	3.86E-04	0.00E+00	0.00E+00	9.71E-03	0.00E+00	0.00E+00	9.71E-03
838	ALL	654030.1	4187728	NonCancer	0.00E+00	3.87E-04	9.63E-03	0.00E+00	0.00E+00	9.63E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	9.63E-03
839	ALL	654050.1	4187728	NonCancer	0.00E+00	3.62E-04	9.07E-03	0.00E+00	0.00E+00	9.07E-03	3.62E-04	0.00E+00	3.62E-04	0.00E+00	0.00E+00	9.07E-03	0.00E+00	0.00E+00	9.07E-03
840	ALL	654070.1	4187728	NonCancer	0.00E+00	3.45E-04	8.60E-03	0.00E+00	0.00E+00	8.60E-03	3.45E-04	0.00E+00	3.45E-04	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	8.60E-03
841	ALL	654090.1	4187728	NonCancer	0.00E+00	3.30E-04	8.31E-03	0.00E+00	0.00E+00	8.31E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.31E-03	0.00E+00	0.00E+00	8.31E-03
842	ALL	654110.1	4187728	NonCancer	0.00E+00	3.36E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
843	ALL	654130.1	4187728	NonCancer	0.00E+00	3.30E-04	8.27E-03	0.00E+00	0.00E+00	8.27E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	8.27E-03
844	ALL	654150.1	4187728	NonCancer	0.00E+00	3.02E-04	7.60E-03	0.00E+00	0.00E+00	7.60E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	7.60E-03
845	ALL	654170.1	4187728	NonCancer	0.00E+00	2.60E-04	6.62E-03	0.00E+00	0.00E+00	6.62E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	6.62E-03
846	ALL	654190.1	4187728	NonCancer	0.00E+00	2.13E-04	5.51E-03	0.00E+00	0.00E+00	5.51E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.51E-03
847	ALL	654210.1	4187728	NonCancer	0.00E+00	1.82E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
848	ALL	654230.1	4187728	NonCancer	0.00E+00	1.82E-04	4.58E-03	0.00E+00	0.00E+00	4.58E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.58E-03
849	ALL	654250.1	4187728	NonCancer	0.00E+00	1.83E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03

850	ALL	654270.1	4187728	NonCancer	0.00E+00	1.77E-04	4.42E-03	0.00E+00	0.00E+00	4.42E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.42E-03
851	ALL	654290.1	4187728	NonCancer	0.00E+00	1.66E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
852	ALL	654310.1	4187728	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
853	ALL	654330.1	4187728	NonCancer	0.00E+00	1.48E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
854	ALL	654350.1	4187728	NonCancer	0.00E+00	1.43E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
855	ALL	654370.1	4187728	NonCancer	0.00E+00	1.41E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
856	ALL	654390.1	4187728	NonCancer	0.00E+00	1.36E-04	3.42E-03	0.00E+00	0.00E+00	3.42E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	3.42E-03
857	ALL	654410.1	4187728	NonCancer	0.00E+00	1.30E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
858	ALL	654430.1	4187728	NonCancer	0.00E+00	1.21E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
859	ALL	654450.1	4187728	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
860	ALL	654470.1	4187728	NonCancer	0.00E+00	1.04E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
861	ALL	654490.1	4187728	NonCancer	0.00E+00	1.05E-04	2.64E-03	0.00E+00	0.00E+00	2.64E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	2.64E-03
862	ALL	653690.1	4187748	NonCancer	0.00E+00	7.04E-04	1.81E-02	0.00E+00	0.00E+00	1.81E-02	7.04E-04	0.00E+00	7.04E-04	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.81E-02
863	ALL	653710.1	4187748	NonCancer	0.00E+00	7.63E-04	1.96E-02	0.00E+00	0.00E+00	1.96E-02	7.63E-04	0.00E+00	7.63E-04	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.96E-02
864	ALL	653730.1	4187748	NonCancer	0.00E+00	8.09E-04	2.02E-02	0.00E+00	0.00E+00	2.02E-02	8.09E-04	0.00E+00	8.09E-04	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.02E-02
865	ALL	653750.1	4187748	NonCancer	0.00E+00	7.19E-04	1.82E-02	0.00E+00	0.00E+00	1.82E-02	7.19E-04	0.00E+00	7.19E-04	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.82E-02
866	ALL	653770.1	4187748	NonCancer	0.00E+00	7.71E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.71E-04	0.00E+00	7.71E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
867	ALL	653790.1	4187748	NonCancer	0.00E+00	7.39E-04	1.85E-02	0.00E+00	0.00E+00	1.85E-02	7.39E-04	0.00E+00	7.39E-04	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.85E-02
868	ALL	653810.1	4187748	NonCancer	0.00E+00	7.11E-04	1.79E-02	0.00E+00	0.00E+00	1.79E-02	7.11E-04	0.00E+00	7.11E-04	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.79E-02
869	ALL	653830.1	4187748	NonCancer	0.00E+00	7.10E-04	1.77E-02	0.00E+00	0.00E+00	1.77E-02	7.10E-04	0.00E+00	7.10E-04	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.77E-02
870	ALL	653850.1	4187748	NonCancer	0.00E+00	6.46E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.46E-04	0.00E+00	6.46E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
871	ALL	653870.1	4187748	NonCancer	0.00E+00	6.26E-04	1.56E-02	0.00E+00	0.00E+00	1.56E-02	6.26E-04	0.00E+00	6.26E-04	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.56E-02
872	ALL	653890.1	4187748	NonCancer	0.00E+00	5.94E-04	1.47E-02	0.00E+00	0.00E+00	1.47E-02	5.94E-04	0.00E+00	5.94E-04	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.47E-02
873	ALL	653910.1	4187748	NonCancer	0.00E+00	5.37E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.37E-04	0.00E+00	5.37E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
874	ALL	653930.1	4187748	NonCancer	0.00E+00	5.34E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.34E-04	0.00E+00	5.34E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
875	ALL	653950.1	4187748	NonCancer	0.00E+00	4.60E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.60E-04	0.00E+00	4.60E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
876	ALL	653970.1	4187748	NonCancer	0.00E+00	4.16E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.16E-04	0.00E+00	4.16E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
877	ALL	653990.1	4187748	NonCancer	0.00E+00	4.39E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
878	ALL	654010.1	4187748	NonCancer	0.00E+00	4.24E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.24E-04	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
879	ALL	654030.1	4187748	NonCancer	0.00E+00	4.06E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.06E-04	0.00E+00	4.06E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
880	ALL	654050.1	4187748	NonCancer	0.00E+00	3.79E-04	9.49E-03	0.00E+00	0.00E+00	9.49E-03	3.79E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.49E-03
881	ALL	654070.1	4187748	NonCancer	0.00E+00	3.73E-04	9.41E-03	0.00E+00	0.00E+00	9.41E-03	3.73E-04	0.00E+00	3.73E-04	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	9.41E-03
882	ALL	654090.1	4187748	NonCancer	0.00E+00	3.78E-04	9.45E-03	0.00E+00	0.00E+00	9.45E-03	3.78E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	9.45E-03
883	ALL	654110.1	4187748	NonCancer	0.00E+00	3.51E-04	8.80E-03	0.00E+00	0.00E+00	8.80E-03	3.51E-04	0.00E+00	3.51E-04	0.00E+00	0.00E+00	8.80E-03	0.00E+00	0.00E+00	8.80E-03
884	ALL	654130.1	4187748	NonCancer	0.00E+00	3.04E-04	7.70E-03	0.00E+00	0.00E+00	7.70E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	7.70E-03
885	ALL	654150.1	4187748	NonCancer	0.00E+00	2.48E-04	6.39E-03	0.00E+00	0.00E+00	6.39E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	6.39E-03
886	ALL	654170.1	4187748	NonCancer	0.00E+00	2.06E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
887	ALL	654190.1	4187748	NonCancer	0.00E+00	2.07E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
888	ALL	654210.1	4187748	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
889	ALL	654230.1	4187748	NonCancer	0.00E+00	1.96E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
890	ALL	654250.1	4187748	NonCancer	0.00E+00	1.82E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03
891	ALL	654270.1	4187748	NonCancer	0.00E+00	1.72E-04	4.31E-03	0.00E+00	0.00E+00	4.31E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	4.31E-03
892	ALL	654290.1	4187748	NonCancer	0.00E+00	1.62E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
893	ALL	654310.1	4187748	NonCancer	0.00E+00	1.60E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
894	ALL	654330.1	4187748	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
895	ALL	654350.1	4187748	NonCancer	0.00E+00	1.48E-04	3.71E-03	0.00E+00	0.00E+00	3.71E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	3.71E-03
896	ALL	654370.1	4187748	NonCancer	0.00E+00	1.38E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
897	ALL	654390.1	4187748	NonCancer	0.00E+00	1.27E-04	3.21E-03	0.00E+00	0.00E+00	3.21E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
898	ALL	654410.1	4187748	NonCancer	0.00E+00	1.18E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
899	ALL	654430.1	4187748	NonCancer	0.00E+00	1.19E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03

900	ALL	654450.1	4187748	NonCancer	0.00E+00	1.18E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
901	ALL	654470.1	4187748	NonCancer	0.00E+00	1.16E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
902	ALL	654490.1	4187748	NonCancer	0.00E+00	1.13E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
903	ALL	653690.1	4187768	NonCancer	0.00E+00	7.85E-04	2.02E-02	0.00E+00	0.00E+00	2.02E-02	7.85E-04	0.00E+00	7.85E-04	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.02E-02
904	ALL	653710.1	4187768	NonCancer	0.00E+00	8.67E-04	2.22E-02	0.00E+00	0.00E+00	2.22E-02	8.67E-04	0.00E+00	8.67E-04	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	2.22E-02
905	ALL	653730.1	4187768	NonCancer	0.00E+00	9.05E-04	2.27E-02	0.00E+00	0.00E+00	2.27E-02	9.05E-04	0.00E+00	9.05E-04	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.27E-02
906	ALL	653750.1	4187768	NonCancer	0.00E+00	8.03E-04	2.03E-02	0.00E+00	0.00E+00	2.03E-02	8.03E-04	0.00E+00	8.03E-04	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	2.03E-02
907	ALL	653770.1	4187768	NonCancer	0.00E+00	8.46E-04	2.12E-02	0.00E+00	0.00E+00	2.12E-02	8.46E-04	0.00E+00	8.46E-04	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	2.12E-02
908	ALL	653790.1	4187768	NonCancer	0.00E+00	8.19E-04	2.06E-02	0.00E+00	0.00E+00	2.06E-02	8.19E-04	0.00E+00	8.19E-04	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	2.06E-02
909	ALL	653810.1	4187768	NonCancer	0.00E+00	7.96E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	7.96E-04	0.00E+00	7.96E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
910	ALL	653830.1	4187768	NonCancer	0.00E+00	7.71E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.71E-04	0.00E+00	7.71E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
911	ALL	653850.1	4187768	NonCancer	0.00E+00	7.52E-04	1.86E-02	0.00E+00	0.00E+00	1.86E-02	7.52E-04	0.00E+00	7.52E-04	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.86E-02
912	ALL	653870.1	4187768	NonCancer	0.00E+00	6.79E-04	1.69E-02	0.00E+00	0.00E+00	1.69E-02	6.79E-04	0.00E+00	6.79E-04	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.69E-02
913	ALL	653890.1	4187768	NonCancer	0.00E+00	6.20E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	6.20E-04	0.00E+00	6.20E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
914	ALL	653910.1	4187768	NonCancer	0.00E+00	6.07E-04	1.50E-02	0.00E+00	0.00E+00	1.50E-02	6.07E-04	0.00E+00	6.07E-04	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.50E-02
915	ALL	653930.1	4187768	NonCancer	0.00E+00	5.22E-04	1.29E-02	0.00E+00	0.00E+00	1.29E-02	5.22E-04	0.00E+00	5.22E-04	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	1.29E-02
916	ALL	653950.1	4187768	NonCancer	0.00E+00	4.68E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.68E-04	0.00E+00	4.68E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
917	ALL	653970.1	4187768	NonCancer	0.00E+00	5.03E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	5.03E-04	0.00E+00	5.03E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
918	ALL	653990.1	4187768	NonCancer	0.00E+00	4.63E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.63E-04	0.00E+00	4.63E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
919	ALL	654010.1	4187768	NonCancer	0.00E+00	4.50E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
920	ALL	654030.1	4187768	NonCancer	0.00E+00	4.22E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.22E-04	0.00E+00	4.22E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
921	ALL	654050.1	4187768	NonCancer	0.00E+00	4.33E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.33E-04	0.00E+00	4.33E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
922	ALL	654070.1	4187768	NonCancer	0.00E+00	4.12E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.12E-04	0.00E+00	4.12E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
923	ALL	654090.1	4187768	NonCancer	0.00E+00	3.60E-04	9.07E-03	0.00E+00	0.00E+00	9.07E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.07E-03	0.00E+00	0.00E+00	9.07E-03
924	ALL	654110.1	4187768	NonCancer	0.00E+00	2.93E-04	7.51E-03	0.00E+00	0.00E+00	7.51E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	7.51E-03
925	ALL	654130.1	4187768	NonCancer	0.00E+00	2.36E-04	6.11E-03	0.00E+00	0.00E+00	6.11E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.11E-03
926	ALL	654150.1	4187768	NonCancer	0.00E+00	2.37E-04	5.92E-03	0.00E+00	0.00E+00	5.92E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	5.92E-03
927	ALL	654170.1	4187768	NonCancer	0.00E+00	2.33E-04	5.81E-03	0.00E+00	0.00E+00	5.81E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	5.81E-03
928	ALL	654190.1	4187768	NonCancer	0.00E+00	2.19E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
929	ALL	654210.1	4187768	NonCancer	0.00E+00	2.01E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
930	ALL	654230.1	4187768	NonCancer	0.00E+00	1.91E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
931	ALL	654250.1	4187768	NonCancer	0.00E+00	1.84E-04	4.60E-03	0.00E+00	0.00E+00	4.60E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	4.60E-03
932	ALL	654270.1	4187768	NonCancer	0.00E+00	1.79E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
933	ALL	654290.1	4187768	NonCancer	0.00E+00	1.70E-04	4.27E-03	0.00E+00	0.00E+00	4.27E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.27E-03
934	ALL	654310.1	4187768	NonCancer	0.00E+00	1.59E-04	4.00E-03	0.00E+00	0.00E+00	4.00E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.00E-03
935	ALL	654330.1	4187768	NonCancer	0.00E+00	1.45E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
936	ALL	654350.1	4187768	NonCancer	0.00E+00	1.36E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
937	ALL	654370.1	4187768	NonCancer	0.00E+00	1.36E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
938	ALL	654390.1	4187768	NonCancer	0.00E+00	1.34E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
939	ALL	654410.1	4187768	NonCancer	0.00E+00	1.31E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
940	ALL	654430.1	4187768	NonCancer	0.00E+00	1.26E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
941	ALL	654450.1	4187768	NonCancer	0.00E+00	1.21E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
942	ALL	654470.1	4187768	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
943	ALL	654490.1	4187768	NonCancer	0.00E+00	1.07E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03
944	ALL	653690.1	4187788	NonCancer	0.00E+00	8.78E-04	2.25E-02	0.00E+00	0.00E+00	2.25E-02	8.78E-04	0.00E+00	8.78E-04	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	2.25E-02
945	ALL	653710.1	4187788	NonCancer	0.00E+00	9.85E-04	2.52E-02	0.00E+00	0.00E+00	2.52E-02	9.85E-04	0.00E+00	9.85E-04	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	2.52E-02
946	ALL	653730.1	4187788	NonCancer	0.00E+00	1.02E-03	2.57E-02	0.00E+00	0.00E+00	2.57E-02	1.02E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	2.57E-02
947	ALL	653750.1	4187788	NonCancer	0.00E+00	9.06E-04	2.30E-02	0.00E+00	0.00E+00	2.30E-02	9.06E-04	0.00E+00	9.06E-04	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	2.30E-02
948	ALL	653770.1	4187788	NonCancer	0.00E+00	9.20E-04	2.31E-02	0.00E+00	0.00E+00	2.31E-02	9.20E-04	0.00E+00	9.20E-04	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.31E-02
949	ALL	653790.1	4187788	NonCancer	0.00E+00	9.04E-04	2.27E-02	0.00E+00	0.00E+00	2.27E-02	9.04E-04	0.00E+00	9.04E-04	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.27E-02

950	ALL	653810.1	4187788	NonCancer	0.00E+00	9.04E-04	2.25E-02	0.00E+00	0.00E+00	2.25E-02	9.04E-04	0.00E+00	9.04E-04	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	2.25E-02
951	ALL	653830.1	4187788	NonCancer	0.00E+00	8.33E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.33E-04	0.00E+00	8.33E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
952	ALL	653850.1	4187788	NonCancer	0.00E+00	7.51E-04	1.88E-02	0.00E+00	0.00E+00	1.88E-02	7.51E-04	0.00E+00	7.51E-04	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.88E-02
953	ALL	653870.1	4187788	NonCancer	0.00E+00	7.10E-04	1.78E-02	0.00E+00	0.00E+00	1.78E-02	7.10E-04	0.00E+00	7.10E-04	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.78E-02
954	ALL	653890.1	4187788	NonCancer	0.00E+00	6.94E-04	1.72E-02	0.00E+00	0.00E+00	1.72E-02	6.94E-04	0.00E+00	6.94E-04	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.72E-02
955	ALL	653910.1	4187788	NonCancer	0.00E+00	5.99E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.99E-04	0.00E+00	5.99E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
956	ALL	653930.1	4187788	NonCancer	0.00E+00	5.30E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.30E-04	0.00E+00	5.30E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
957	ALL	653950.1	4187788	NonCancer	0.00E+00	5.76E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.76E-04	0.00E+00	5.76E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02
958	ALL	653970.1	4187788	NonCancer	0.00E+00	5.33E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.33E-04	0.00E+00	5.33E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
959	ALL	653990.1	4187788	NonCancer	0.00E+00	4.97E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.97E-04	0.00E+00	4.97E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
960	ALL	654010.1	4187788	NonCancer	0.00E+00	4.96E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.96E-04	0.00E+00	4.96E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
961	ALL	654030.1	4187788	NonCancer	0.00E+00	4.88E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.88E-04	0.00E+00	4.88E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
962	ALL	654050.1	4187788	NonCancer	0.00E+00	4.32E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.32E-04	0.00E+00	4.32E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
963	ALL	654070.1	4187788	NonCancer	0.00E+00	3.51E-04	8.96E-03	0.00E+00	0.00E+00	8.96E-03	3.51E-04	0.00E+00	3.51E-04	0.00E+00	0.00E+00	8.96E-03	0.00E+00	0.00E+00	8.96E-03
964	ALL	654090.1	4187788	NonCancer	0.00E+00	2.74E-04	7.10E-03	0.00E+00	0.00E+00	7.10E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	7.10E-03
965	ALL	654110.1	4187788	NonCancer	0.00E+00	2.74E-04	6.85E-03	0.00E+00	0.00E+00	6.85E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	6.85E-03
966	ALL	654130.1	4187788	NonCancer	0.00E+00	2.66E-04	6.64E-03	0.00E+00	0.00E+00	6.64E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	6.64E-03
967	ALL	654150.1	4187788	NonCancer	0.00E+00	2.47E-04	6.18E-03	0.00E+00	0.00E+00	6.18E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	6.18E-03
968	ALL	654170.1	4187788	NonCancer	0.00E+00	2.28E-04	5.71E-03	0.00E+00	0.00E+00	5.71E-03	2.28E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	5.71E-03
969	ALL	654190.1	4187788	NonCancer	0.00E+00	2.14E-04	5.37E-03	0.00E+00	0.00E+00	5.37E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.37E-03
970	ALL	654210.1	4187788	NonCancer	0.00E+00	2.10E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.10E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
971	ALL	654230.1	4187788	NonCancer	0.00E+00	2.00E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
972	ALL	654250.1	4187788	NonCancer	0.00E+00	1.85E-04	4.66E-03	0.00E+00	0.00E+00	4.66E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.66E-03
973	ALL	654270.1	4187788	NonCancer	0.00E+00	1.68E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
974	ALL	654290.1	4187788	NonCancer	0.00E+00	1.58E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
975	ALL	654310.1	4187788	NonCancer	0.00E+00	1.57E-04	3.94E-03	0.00E+00	0.00E+00	3.94E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	3.94E-03
976	ALL	654330.1	4187788	NonCancer	0.00E+00	1.55E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
977	ALL	654350.1	4187788	NonCancer	0.00E+00	1.49E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
978	ALL	654370.1	4187788	NonCancer	0.00E+00	1.43E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
979	ALL	654390.1	4187788	NonCancer	0.00E+00	1.34E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
980	ALL	654410.1	4187788	NonCancer	0.00E+00	1.26E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
981	ALL	654430.1	4187788	NonCancer	0.00E+00	1.24E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
982	ALL	654450.1	4187788	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
983	ALL	654470.1	4187788	NonCancer	0.00E+00	1.20E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
984	ALL	654490.1	4187788	NonCancer	0.00E+00	1.16E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
985	ALL	653690.1	4187808	NonCancer	0.00E+00	9.87E-04	2.54E-02	0.00E+00	0.00E+00	2.54E-02	9.87E-04	0.00E+00	9.87E-04	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	2.54E-02
986	ALL	653710.1	4187808	NonCancer	0.00E+00	1.11E-03	2.85E-02	0.00E+00	0.00E+00	2.85E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.85E-02	0.00E+00	0.00E+00	2.85E-02
987	ALL	653730.1	4187808	NonCancer	0.00E+00	1.15E-03	2.92E-02	0.00E+00	0.00E+00	2.92E-02	1.15E-03	0.00E+00	1.15E-03	0.00E+00	0.00E+00	2.92E-02	0.00E+00	0.00E+00	2.92E-02
988	ALL	653750.1	4187808	NonCancer	0.00E+00	1.03E-03	2.62E-02	0.00E+00	0.00E+00	2.62E-02	1.03E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	2.62E-02
989	ALL	653770.1	4187808	NonCancer	0.00E+00	1.05E-03	2.64E-02	0.00E+00	0.00E+00	2.64E-02	1.05E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	2.64E-02
990	ALL	653790.1	4187808	NonCancer	0.00E+00	1.02E-03	2.55E-02	0.00E+00	0.00E+00	2.55E-02	1.02E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	2.55E-02
991	ALL	653810.1	4187808	NonCancer	0.00E+00	1.00E-03	2.49E-02	0.00E+00	0.00E+00	2.49E-02	1.00E-03	0.00E+00	1.00E-03	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	2.49E-02
992	ALL	653830.1	4187808	NonCancer	0.00E+00	9.55E-04	2.37E-02	0.00E+00	0.00E+00	2.37E-02	9.55E-04	0.00E+00	9.55E-04	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	2.37E-02
993	ALL	653850.1	4187808	NonCancer	0.00E+00	8.61E-04	2.13E-02	0.00E+00	0.00E+00	2.13E-02	8.61E-04	0.00E+00	8.61E-04	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	2.13E-02
994	ALL	653870.1	4187808	NonCancer	0.00E+00	8.01E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	8.01E-04	0.00E+00	8.01E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
995	ALL	653890.1	4187808	NonCancer	0.00E+00	6.96E-04	1.72E-02	0.00E+00	0.00E+00	1.72E-02	6.96E-04	0.00E+00	6.96E-04	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.72E-02
996	ALL	653910.1	4187808	NonCancer	0.00E+00	6.34E-04	1.60E-02	0.00E+00	0.00E+00	1.60E-02	6.34E-04	0.00E+00	6.34E-04	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.60E-02
997	ALL	653930.1	4187808	NonCancer	0.00E+00	6.62E-04	1.64E-02	0.00E+00	0.00E+00	1.64E-02	6.62E-04	0.00E+00	6.62E-04	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.64E-02
998	ALL	653950.1	4187808	NonCancer	0.00E+00	6.17E-04	1.53E-02	0.00E+00	0.00E+00	1.53E-02	6.17E-04	0.00E+00	6.17E-04	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.53E-02
999	ALL	653970.1	4187808	NonCancer	0.00E+00	5.70E-04	1.43E-02	0.00E+00	0.00E+00	1.43E-02	5.70E-04	0.00E+00	5.70E-04	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	1.43E-02

1000	ALL	653990.1	4187808	NonCancer	0.00E+00	5.83E-04	1.45E-02	0.00E+00	0.00E+00	1.45E-02	5.83E-04	0.00E+00	5.83E-04	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.45E-02
1001	ALL	654010.1	4187808	NonCancer	0.00E+00	5.28E-04	1.32E-02	0.00E+00	0.00E+00	1.32E-02	5.28E-04	0.00E+00	5.28E-04	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.32E-02
1002	ALL	654030.1	4187808	NonCancer	0.00E+00	4.30E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.30E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1003	ALL	654050.1	4187808	NonCancer	0.00E+00	3.23E-04	8.40E-03	0.00E+00	0.00E+00	8.40E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	8.40E-03
1004	ALL	654070.1	4187808	NonCancer	0.00E+00	3.23E-04	8.04E-03	0.00E+00	0.00E+00	8.04E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	8.04E-03
1005	ALL	654090.1	4187808	NonCancer	0.00E+00	3.09E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
1006	ALL	654110.1	4187808	NonCancer	0.00E+00	2.80E-04	7.01E-03	0.00E+00	0.00E+00	7.01E-03	2.80E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	7.01E-03
1007	ALL	654130.1	4187808	NonCancer	0.00E+00	2.60E-04	6.50E-03	0.00E+00	0.00E+00	6.50E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.50E-03
1008	ALL	654150.1	4187808	NonCancer	0.00E+00	2.50E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
1009	ALL	654170.1	4187808	NonCancer	0.00E+00	2.38E-04	5.95E-03	0.00E+00	0.00E+00	5.95E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	5.95E-03
1010	ALL	654190.1	4187808	NonCancer	0.00E+00	2.21E-04	5.53E-03	0.00E+00	0.00E+00	5.53E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	5.53E-03
1011	ALL	654210.1	4187808	NonCancer	0.00E+00	1.99E-04	5.02E-03	0.00E+00	0.00E+00	5.02E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	5.02E-03
1012	ALL	654230.1	4187808	NonCancer	0.00E+00	1.88E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
1013	ALL	654250.1	4187808	NonCancer	0.00E+00	1.85E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
1014	ALL	654270.1	4187808	NonCancer	0.00E+00	1.80E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
1015	ALL	654290.1	4187808	NonCancer	0.00E+00	1.72E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
1016	ALL	654310.1	4187808	NonCancer	0.00E+00	1.62E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1017	ALL	654330.1	4187808	NonCancer	0.00E+00	1.51E-04	3.80E-03	0.00E+00	0.00E+00	3.80E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.80E-03
1018	ALL	654350.1	4187808	NonCancer	0.00E+00	1.47E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
1019	ALL	654370.1	4187808	NonCancer	0.00E+00	1.44E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
1020	ALL	654390.1	4187808	NonCancer	0.00E+00	1.41E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
1021	ALL	654410.1	4187808	NonCancer	0.00E+00	1.36E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
1022	ALL	654430.1	4187808	NonCancer	0.00E+00	1.31E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
1023	ALL	654450.1	4187808	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
1024	ALL	654470.1	4187808	NonCancer	0.00E+00	1.18E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
1025	ALL	654490.1	4187808	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
1026	ALL	653690.1	4187828	NonCancer	0.00E+00	1.14E-03	2.94E-02	0.00E+00	0.00E+00	2.94E-02	1.14E-03	0.00E+00	1.14E-03	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	2.94E-02
1027	ALL	653710.1	4187828	NonCancer	0.00E+00	1.26E-03	3.23E-02	0.00E+00	0.00E+00	3.23E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.23E-02	0.00E+00	0.00E+00	3.23E-02
1028	ALL	653730.1	4187828	NonCancer	0.00E+00	1.32E-03	3.33E-02	0.00E+00	0.00E+00	3.33E-02	1.32E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.33E-02
1029	ALL	653750.1	4187828	NonCancer	0.00E+00	1.22E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.22E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1030	ALL	653770.1	4187828	NonCancer	0.00E+00	1.23E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.23E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1031	ALL	653790.1	4187828	NonCancer	0.00E+00	1.21E-03	3.01E-02	0.00E+00	0.00E+00	3.01E-02	1.21E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	3.01E-02
1032	ALL	653810.1	4187828	NonCancer	0.00E+00	1.13E-03	2.81E-02	0.00E+00	0.00E+00	2.81E-02	1.13E-03	0.00E+00	1.13E-03	0.00E+00	0.00E+00	2.81E-02	0.00E+00	0.00E+00	2.81E-02
1033	ALL	653830.1	4187828	NonCancer	0.00E+00	1.04E-03	2.56E-02	0.00E+00	0.00E+00	2.56E-02	1.04E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	2.56E-02
1034	ALL	653850.1	4187828	NonCancer	0.00E+00	9.32E-04	2.32E-02	0.00E+00	0.00E+00	2.32E-02	9.32E-04	0.00E+00	9.32E-04	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.32E-02
1035	ALL	653870.1	4187828	NonCancer	0.00E+00	8.30E-04	2.05E-02	0.00E+00	0.00E+00	2.05E-02	8.30E-04	0.00E+00	8.30E-04	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.05E-02
1036	ALL	653890.1	4187828	NonCancer	0.00E+00	7.76E-04	1.94E-02	0.00E+00	0.00E+00	1.94E-02	7.76E-04	0.00E+00	7.76E-04	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.94E-02
1037	ALL	653910.1	4187828	NonCancer	0.00E+00	7.62E-04	1.89E-02	0.00E+00	0.00E+00	1.89E-02	7.62E-04	0.00E+00	7.62E-04	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.89E-02
1038	ALL	653930.1	4187828	NonCancer	0.00E+00	7.04E-04	1.75E-02	0.00E+00	0.00E+00	1.75E-02	7.04E-04	0.00E+00	7.04E-04	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.75E-02
1039	ALL	653950.1	4187828	NonCancer	0.00E+00	7.02E-04	1.74E-02	0.00E+00	0.00E+00	1.74E-02	7.02E-04	0.00E+00	7.02E-04	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.74E-02
1040	ALL	653970.1	4187828	NonCancer	0.00E+00	6.59E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.59E-04	0.00E+00	6.59E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
1041	ALL	653990.1	4187828	NonCancer	0.00E+00	5.39E-04	1.36E-02	0.00E+00	0.00E+00	1.36E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.36E-02
1042	ALL	654010.1	4187828	NonCancer	0.00E+00	3.98E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	3.98E-04	0.00E+00	3.98E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
1043	ALL	654030.1	4187828	NonCancer	0.00E+00	3.87E-04	9.61E-03	0.00E+00	0.00E+00	9.61E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	9.61E-03
1044	ALL	654050.1	4187828	NonCancer	0.00E+00	3.62E-04	9.01E-03	0.00E+00	0.00E+00	9.01E-03	3.62E-04	0.00E+00	3.62E-04	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	9.01E-03
1045	ALL	654070.1	4187828	NonCancer	0.00E+00	3.25E-04	8.11E-03	0.00E+00	0.00E+00	8.11E-03	3.25E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	8.11E-03
1046	ALL	654090.1	4187828	NonCancer	0.00E+00	3.04E-04	7.58E-03	0.00E+00	0.00E+00	7.58E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	7.58E-03
1047	ALL	654110.1	4187828	NonCancer	0.00E+00	2.92E-04	7.25E-03	0.00E+00	0.00E+00	7.25E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.25E-03	0.00E+00	0.00E+00	7.25E-03
1048	ALL	654130.1	4187828	NonCancer	0.00E+00	2.69E-04	6.72E-03	0.00E+00	0.00E+00	6.72E-03	2.69E-04	0.00E+00	2.69E-04	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	6.72E-03
1049	ALL	654150.1	4187828	NonCancer	0.00E+00	2.40E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.40E-04	0.00E+00	2.40E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03

1050	ALL	654170.1	4187828	NonCancer	0.00E+00	2.27E-04	5.70E-03	0.00E+00	0.00E+00	5.70E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	5.70E-03
1051	ALL	654190.1	4187828	NonCancer	0.00E+00	2.22E-04	5.52E-03	0.00E+00	0.00E+00	5.52E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	5.52E-03
1052	ALL	654210.1	4187828	NonCancer	0.00E+00	2.13E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03
1053	ALL	654230.1	4187828	NonCancer	0.00E+00	2.00E-04	5.01E-03	0.00E+00	0.00E+00	5.01E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	5.01E-03
1054	ALL	654250.1	4187828	NonCancer	0.00E+00	1.86E-04	4.67E-03	0.00E+00	0.00E+00	4.67E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.67E-03
1055	ALL	654270.1	4187828	NonCancer	0.00E+00	1.78E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
1056	ALL	654290.1	4187828	NonCancer	0.00E+00	1.74E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
1057	ALL	654310.1	4187828	NonCancer	0.00E+00	1.69E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1058	ALL	654330.1	4187828	NonCancer	0.00E+00	1.62E-04	4.05E-03	0.00E+00	0.00E+00	4.05E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	4.05E-03
1059	ALL	654350.1	4187828	NonCancer	0.00E+00	1.54E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
1060	ALL	654370.1	4187828	NonCancer	0.00E+00	1.45E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
1061	ALL	654390.1	4187828	NonCancer	0.00E+00	1.39E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
1062	ALL	654410.1	4187828	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
1063	ALL	654430.1	4187828	NonCancer	0.00E+00	1.30E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
1064	ALL	654450.1	4187828	NonCancer	0.00E+00	1.25E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
1065	ALL	654470.1	4187828	NonCancer	0.00E+00	1.20E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1066	ALL	654490.1	4187828	NonCancer	0.00E+00	1.14E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
1067	ALL	653690.1	4187848	NonCancer	0.00E+00	1.35E-03	3.47E-02	0.00E+00	0.00E+00	3.47E-02	1.35E-03	0.00E+00	1.35E-03	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	3.47E-02
1068	ALL	653710.1	4187848	NonCancer	0.00E+00	1.41E-03	3.65E-02	0.00E+00	0.00E+00	3.65E-02	1.41E-03	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	3.65E-02
1069	ALL	653730.1	4187848	NonCancer	0.00E+00	1.52E-03	3.85E-02	0.00E+00	0.00E+00	3.85E-02	1.52E-03	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.85E-02	0.00E+00	0.00E+00	3.85E-02
1070	ALL	653750.1	4187848	NonCancer	0.00E+00	1.47E-03	3.71E-02	0.00E+00	0.00E+00	3.71E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.71E-02	0.00E+00	0.00E+00	3.71E-02
1071	ALL	653770.1	4187848	NonCancer	0.00E+00	1.43E-03	3.59E-02	0.00E+00	0.00E+00	3.59E-02	1.43E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	3.59E-02
1072	ALL	653790.1	4187848	NonCancer	0.00E+00	1.38E-03	3.41E-02	0.00E+00	0.00E+00	3.41E-02	1.38E-03	0.00E+00	1.38E-03	0.00E+00	0.00E+00	3.41E-02	0.00E+00	0.00E+00	3.41E-02
1073	ALL	653810.1	4187848	NonCancer	0.00E+00	1.26E-03	3.11E-02	0.00E+00	0.00E+00	3.11E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	3.11E-02
1074	ALL	653830.1	4187848	NonCancer	0.00E+00	1.12E-03	2.78E-02	0.00E+00	0.00E+00	2.78E-02	1.12E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.78E-02	0.00E+00	0.00E+00	2.78E-02
1075	ALL	653850.1	4187848	NonCancer	0.00E+00	1.02E-03	2.52E-02	0.00E+00	0.00E+00	2.52E-02	1.02E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	2.52E-02
1076	ALL	653870.1	4187848	NonCancer	0.00E+00	9.64E-04	2.39E-02	0.00E+00	0.00E+00	2.39E-02	9.64E-04	0.00E+00	9.64E-04	0.00E+00	0.00E+00	2.39E-02	0.00E+00	0.00E+00	2.39E-02
1077	ALL	653890.1	4187848	NonCancer	0.00E+00	9.07E-04	2.24E-02	0.00E+00	0.00E+00	2.24E-02	9.07E-04	0.00E+00	9.07E-04	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	2.24E-02
1078	ALL	653910.1	4187848	NonCancer	0.00E+00	8.43E-04	2.10E-02	0.00E+00	0.00E+00	2.10E-02	8.43E-04	0.00E+00	8.43E-04	0.00E+00	0.00E+00	2.10E-02	0.00E+00	0.00E+00	2.10E-02
1079	ALL	653930.1	4187848	NonCancer	0.00E+00	8.40E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.40E-04	0.00E+00	8.40E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
1080	ALL	653950.1	4187848	NonCancer	0.00E+00	6.98E-04	1.74E-02	0.00E+00	0.00E+00	1.74E-02	6.98E-04	0.00E+00	6.98E-04	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.74E-02
1081	ALL	653970.1	4187848	NonCancer	0.00E+00	5.06E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.06E-04	0.00E+00	5.06E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1082	ALL	653990.1	4187848	NonCancer	0.00E+00	4.76E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.76E-04	0.00E+00	4.76E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
1083	ALL	654010.1	4187848	NonCancer	0.00E+00	4.32E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.32E-04	0.00E+00	4.32E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1084	ALL	654030.1	4187848	NonCancer	0.00E+00	3.87E-04	9.62E-03	0.00E+00	0.00E+00	9.62E-03	3.87E-04	0.00E+00	3.87E-04	0.00E+00	0.00E+00	9.62E-03	0.00E+00	0.00E+00	9.62E-03
1085	ALL	654050.1	4187848	NonCancer	0.00E+00	3.68E-04	9.11E-03	0.00E+00	0.00E+00	9.11E-03	3.68E-04	0.00E+00	3.68E-04	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	9.11E-03
1086	ALL	654070.1	4187848	NonCancer	0.00E+00	3.38E-04	8.41E-03	0.00E+00	0.00E+00	8.41E-03	3.38E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.41E-03
1087	ALL	654090.1	4187848	NonCancer	0.00E+00	2.98E-04	7.49E-03	0.00E+00	0.00E+00	7.49E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	7.49E-03
1088	ALL	654110.1	4187848	NonCancer	0.00E+00	2.82E-04	7.05E-03	0.00E+00	0.00E+00	7.05E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.05E-03	0.00E+00	0.00E+00	7.05E-03
1089	ALL	654130.1	4187848	NonCancer	0.00E+00	2.72E-04	6.75E-03	0.00E+00	0.00E+00	6.75E-03	2.72E-04	0.00E+00	2.72E-04	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	6.75E-03
1090	ALL	654150.1	4187848	NonCancer	0.00E+00	2.56E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.56E-04	0.00E+00	2.56E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
1091	ALL	654170.1	4187848	NonCancer	0.00E+00	2.36E-04	5.91E-03	0.00E+00	0.00E+00	5.91E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	5.91E-03
1092	ALL	654190.1	4187848	NonCancer	0.00E+00	2.22E-04	5.57E-03	0.00E+00	0.00E+00	5.57E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	5.57E-03
1093	ALL	654210.1	4187848	NonCancer	0.00E+00	2.16E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
1094	ALL	654230.1	4187848	NonCancer	0.00E+00	2.07E-04	5.17E-03	0.00E+00	0.00E+00	5.17E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	5.17E-03
1095	ALL	654250.1	4187848	NonCancer	0.00E+00	1.97E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1096	ALL	654270.1	4187848	NonCancer	0.00E+00	1.85E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
1097	ALL	654290.1	4187848	NonCancer	0.00E+00	1.74E-04	4.37E-03	0.00E+00	0.00E+00	4.37E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	4.37E-03
1098	ALL	654310.1	4187848	NonCancer	0.00E+00	1.68E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1099	ALL	654330.1	4187848	NonCancer	0.00E+00	1.61E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03

1100	ALL	654350.1	4187848	NonCancer	0.00E+00	1.54E-04	3.85E-03	0.00E+00	0.00E+00	3.85E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.85E-03
1101	ALL	654370.1	4187848	NonCancer	0.00E+00	1.46E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
1102	ALL	654390.1	4187848	NonCancer	0.00E+00	1.38E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
1103	ALL	654410.1	4187848	NonCancer	0.00E+00	1.31E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1104	ALL	654430.1	4187848	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1105	ALL	654450.1	4187848	NonCancer	0.00E+00	1.26E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
1106	ALL	654470.1	4187848	NonCancer	0.00E+00	1.24E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
1107	ALL	654490.1	4187848	NonCancer	0.00E+00	1.21E-04	3.02E-03	0.00E+00	0.00E+00	3.02E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
1108	ALL	653690.1	4187868	NonCancer	0.00E+00	1.62E-03	4.18E-02	0.00E+00	0.00E+00	4.18E-02	1.62E-03	0.00E+00	1.62E-03	0.00E+00	0.00E+00	4.18E-02	0.00E+00	0.00E+00	4.18E-02
1109	ALL	653710.1	4187868	NonCancer	0.00E+00	1.63E-03	4.22E-02	0.00E+00	0.00E+00	4.22E-02	1.63E-03	0.00E+00	1.63E-03	0.00E+00	0.00E+00	4.22E-02	0.00E+00	0.00E+00	4.22E-02
1110	ALL	653730.1	4187868	NonCancer	0.00E+00	1.79E-03	4.53E-02	0.00E+00	0.00E+00	4.53E-02	1.79E-03	0.00E+00	1.79E-03	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	4.53E-02
1111	ALL	653750.1	4187868	NonCancer	0.00E+00	1.76E-03	4.45E-02	0.00E+00	0.00E+00	4.45E-02	1.76E-03	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.45E-02	0.00E+00	0.00E+00	4.45E-02
1112	ALL	653770.1	4187868	NonCancer	0.00E+00	1.67E-03	4.19E-02	0.00E+00	0.00E+00	4.19E-02	1.67E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.19E-02	0.00E+00	0.00E+00	4.19E-02
1113	ALL	653790.1	4187868	NonCancer	0.00E+00	1.62E-03	3.99E-02	0.00E+00	0.00E+00	3.99E-02	1.62E-03	0.00E+00	1.62E-03	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	3.99E-02
1114	ALL	653810.1	4187868	NonCancer	0.00E+00	1.41E-03	3.50E-02	0.00E+00	0.00E+00	3.50E-02	1.41E-03	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.50E-02	0.00E+00	0.00E+00	3.50E-02
1115	ALL	653830.1	4187868	NonCancer	0.00E+00	1.30E-03	3.18E-02	0.00E+00	0.00E+00	3.18E-02	1.30E-03	0.00E+00	1.30E-03	0.00E+00	0.00E+00	3.18E-02	0.00E+00	0.00E+00	3.18E-02
1116	ALL	653850.1	4187868	NonCancer	0.00E+00	1.22E-03	3.00E-02	0.00E+00	0.00E+00	3.00E-02	1.22E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.00E-02	0.00E+00	0.00E+00	3.00E-02
1117	ALL	653870.1	4187868	NonCancer	0.00E+00	1.12E-03	2.75E-02	0.00E+00	0.00E+00	2.75E-02	1.12E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.75E-02	0.00E+00	0.00E+00	2.75E-02
1118	ALL	653890.1	4187868	NonCancer	0.00E+00	1.10E-03	2.69E-02	0.00E+00	0.00E+00	2.69E-02	1.10E-03	0.00E+00	1.10E-03	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	2.69E-02
1119	ALL	653910.1	4187868	NonCancer	0.00E+00	9.41E-04	2.32E-02	0.00E+00	0.00E+00	2.32E-02	9.41E-04	0.00E+00	9.41E-04	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.32E-02
1120	ALL	653930.1	4187868	NonCancer	0.00E+00	6.70E-04	1.70E-02	0.00E+00	0.00E+00	1.70E-02	6.70E-04	0.00E+00	6.70E-04	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.70E-02
1121	ALL	653950.1	4187868	NonCancer	0.00E+00	6.03E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	6.03E-04	0.00E+00	6.03E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1122	ALL	653970.1	4187868	NonCancer	0.00E+00	5.25E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.25E-04	0.00E+00	5.25E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1123	ALL	653990.1	4187868	NonCancer	0.00E+00	4.83E-04	1.19E-02	0.00E+00	0.00E+00	1.19E-02	4.83E-04	0.00E+00	4.83E-04	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.19E-02
1124	ALL	654010.1	4187868	NonCancer	0.00E+00	4.43E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.43E-04	0.00E+00	4.43E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
1125	ALL	654030.1	4187868	NonCancer	0.00E+00	3.84E-04	9.63E-03	0.00E+00	0.00E+00	9.63E-03	3.84E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	9.63E-03
1126	ALL	654050.1	4187868	NonCancer	0.00E+00	3.63E-04	9.01E-03	0.00E+00	0.00E+00	9.01E-03	3.63E-04	0.00E+00	3.63E-04	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	9.01E-03
1127	ALL	654070.1	4187868	NonCancer	0.00E+00	3.42E-04	8.48E-03	0.00E+00	0.00E+00	8.48E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	8.48E-03
1128	ALL	654090.1	4187868	NonCancer	0.00E+00	3.14E-04	7.83E-03	0.00E+00	0.00E+00	7.83E-03	3.14E-04	0.00E+00	3.14E-04	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	7.83E-03
1129	ALL	654110.1	4187868	NonCancer	0.00E+00	2.89E-04	7.24E-03	0.00E+00	0.00E+00	7.24E-03	2.89E-04	0.00E+00	2.89E-04	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	7.24E-03
1130	ALL	654130.1	4187868	NonCancer	0.00E+00	2.79E-04	6.93E-03	0.00E+00	0.00E+00	6.93E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	6.93E-03
1131	ALL	654150.1	4187868	NonCancer	0.00E+00	2.64E-04	6.57E-03	0.00E+00	0.00E+00	6.57E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	6.57E-03
1132	ALL	654170.1	4187868	NonCancer	0.00E+00	2.48E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
1133	ALL	654190.1	4187868	NonCancer	0.00E+00	2.29E-04	5.74E-03	0.00E+00	0.00E+00	5.74E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	5.74E-03
1134	ALL	654210.1	4187868	NonCancer	0.00E+00	2.18E-04	5.46E-03	0.00E+00	0.00E+00	5.46E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	5.46E-03
1135	ALL	654230.1	4187868	NonCancer	0.00E+00	2.07E-04	5.19E-03	0.00E+00	0.00E+00	5.19E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.19E-03
1136	ALL	654250.1	4187868	NonCancer	0.00E+00	1.96E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
1137	ALL	654270.1	4187868	NonCancer	0.00E+00	1.84E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
1138	ALL	654290.1	4187868	NonCancer	0.00E+00	1.72E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
1139	ALL	654310.1	4187868	NonCancer	0.00E+00	1.68E-04	4.22E-03	0.00E+00	0.00E+00	4.22E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.22E-03
1140	ALL	654330.1	4187868	NonCancer	0.00E+00	1.64E-04	4.09E-03	0.00E+00	0.00E+00	4.09E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	4.09E-03
1141	ALL	654350.1	4187868	NonCancer	0.00E+00	1.59E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1142	ALL	654370.1	4187868	NonCancer	0.00E+00	1.54E-04	3.85E-03	0.00E+00	0.00E+00	3.85E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	3.85E-03
1143	ALL	654390.1	4187868	NonCancer	0.00E+00	1.49E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
1144	ALL	654410.1	4187868	NonCancer	0.00E+00	1.44E-04	3.59E-03	0.00E+00	0.00E+00	3.59E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	3.59E-03
1145	ALL	654430.1	4187868	NonCancer	0.00E+00	1.38E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
1146	ALL	654450.1	4187868	NonCancer	0.00E+00	1.33E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
1147	ALL	654470.1	4187868	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
1148	ALL	654490.1	4187868	NonCancer	0.00E+00	1.22E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
1149	ALL	653690.1	4187888	NonCancer	0.00E+00	1.91E-03	4.96E-02	0.00E+00	0.00E+00	4.96E-02	1.91E-03	0.00E+00	1.91E-03	0.00E+00	0.00E+00	4.96E-02	0.00E+00	0.00E+00	4.96E-02

1150	ALL	653830.1	4187888	NonCancer	0.00E+00	1.58E-03	3.85E-02	0.00E+00	0.00E+00	3.85E-02	1.58E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	3.85E-02	0.00E+00	0.00E+00	3.85E-02
1151	ALL	653850.1	4187888	NonCancer	0.00E+00	1.45E-03	3.56E-02	0.00E+00	0.00E+00	3.56E-02	1.45E-03	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.56E-02	0.00E+00	0.00E+00	3.56E-02
1152	ALL	653870.1	4187888	NonCancer	0.00E+00	1.34E-03	3.27E-02	0.00E+00	0.00E+00	3.27E-02	1.34E-03	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.27E-02	0.00E+00	0.00E+00	3.27E-02
1153	ALL	653890.1	4187888	NonCancer	0.00E+00	9.39E-04	2.35E-02	0.00E+00	0.00E+00	2.35E-02	9.39E-04	0.00E+00	9.39E-04	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	2.35E-02
1154	ALL	653910.1	4187888	NonCancer	0.00E+00	7.95E-04	1.95E-02	0.00E+00	0.00E+00	1.95E-02	7.95E-04	0.00E+00	7.95E-04	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.95E-02
1155	ALL	653930.1	4187888	NonCancer	0.00E+00	6.76E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.76E-04	0.00E+00	6.76E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
1156	ALL	653950.1	4187888	NonCancer	0.00E+00	6.18E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.18E-04	0.00E+00	6.18E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
1157	ALL	653970.1	4187888	NonCancer	0.00E+00	5.25E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.25E-04	0.00E+00	5.25E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1158	ALL	653990.1	4187888	NonCancer	0.00E+00	4.89E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
1159	ALL	654010.1	4187888	NonCancer	0.00E+00	4.47E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.47E-04	0.00E+00	4.47E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
1160	ALL	654030.1	4187888	NonCancer	0.00E+00	4.01E-04	9.97E-03	0.00E+00	0.00E+00	9.97E-03	4.01E-04	0.00E+00	4.01E-04	0.00E+00	0.00E+00	9.97E-03	0.00E+00	0.00E+00	9.97E-03
1161	ALL	654050.1	4187888	NonCancer	0.00E+00	3.81E-04	9.43E-03	0.00E+00	0.00E+00	9.43E-03	3.81E-04	0.00E+00	3.81E-04	0.00E+00	0.00E+00	9.43E-03	0.00E+00	0.00E+00	9.43E-03
1162	ALL	654070.1	4187888	NonCancer	0.00E+00	3.54E-04	8.77E-03	0.00E+00	0.00E+00	8.77E-03	3.54E-04	0.00E+00	3.54E-04	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	8.77E-03
1163	ALL	654090.1	4187888	NonCancer	0.00E+00	3.24E-04	8.08E-03	0.00E+00	0.00E+00	8.08E-03	3.24E-04	0.00E+00	3.24E-04	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	8.08E-03
1164	ALL	654110.1	4187888	NonCancer	0.00E+00	3.01E-04	7.51E-03	0.00E+00	0.00E+00	7.51E-03	3.01E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	7.51E-03
1165	ALL	654130.1	4187888	NonCancer	0.00E+00	2.83E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.83E-04	0.00E+00	2.83E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
1166	ALL	654150.1	4187888	NonCancer	0.00E+00	2.62E-04	6.55E-03	0.00E+00	0.00E+00	6.55E-03	2.62E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.55E-03
1167	ALL	654170.1	4187888	NonCancer	0.00E+00	2.42E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
1168	ALL	654190.1	4187888	NonCancer	0.00E+00	2.33E-04	5.83E-03	0.00E+00	0.00E+00	5.83E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	5.83E-03
1169	ALL	654210.1	4187888	NonCancer	0.00E+00	2.25E-04	5.60E-03	0.00E+00	0.00E+00	5.60E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	5.60E-03
1170	ALL	654230.1	4187888	NonCancer	0.00E+00	2.16E-04	5.37E-03	0.00E+00	0.00E+00	5.37E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.37E-03
1171	ALL	654250.1	4187888	NonCancer	0.00E+00	2.07E-04	5.15E-03	0.00E+00	0.00E+00	5.15E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.15E-03
1172	ALL	654270.1	4187888	NonCancer	0.00E+00	1.98E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
1173	ALL	654290.1	4187888	NonCancer	0.00E+00	1.88E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
1174	ALL	654310.1	4187888	NonCancer	0.00E+00	1.79E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
1175	ALL	654330.1	4187888	NonCancer	0.00E+00	1.69E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
1176	ALL	654350.1	4187888	NonCancer	0.00E+00	1.60E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
1177	ALL	654370.1	4187888	NonCancer	0.00E+00	1.52E-04	3.83E-03	0.00E+00	0.00E+00	3.83E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03
1178	ALL	654390.1	4187888	NonCancer	0.00E+00	1.46E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
1179	ALL	654410.1	4187888	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
1180	ALL	654430.1	4187888	NonCancer	0.00E+00	1.36E-04	3.42E-03	0.00E+00	0.00E+00	3.42E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	3.42E-03
1181	ALL	654450.1	4187888	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
1182	ALL	654470.1	4187888	NonCancer	0.00E+00	1.26E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
1183	ALL	654490.1	4187888	NonCancer	0.00E+00	1.21E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1184	ALL	653690.1	4187908	NonCancer	0.00E+00	2.40E-03	6.20E-02	0.00E+00	0.00E+00	6.20E-02	2.40E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	6.20E-02	0.00E+00	0.00E+00	6.20E-02
1185	ALL	653830.1	4187908	NonCancer	0.00E+00	2.04E-03	4.92E-02	0.00E+00	0.00E+00	4.92E-02	2.04E-03	0.00E+00	2.04E-03	0.00E+00	0.00E+00	4.92E-02	0.00E+00	0.00E+00	4.92E-02
1186	ALL	653850.1	4187908	NonCancer	0.00E+00	1.43E-03	3.52E-02	0.00E+00	0.00E+00	3.52E-02	1.43E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	3.52E-02
1187	ALL	653870.1	4187908	NonCancer	0.00E+00	1.11E-03	2.71E-02	0.00E+00	0.00E+00	2.71E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	2.71E-02
1188	ALL	653890.1	4187908	NonCancer	0.00E+00	9.50E-04	2.31E-02	0.00E+00	0.00E+00	2.31E-02	9.50E-04	0.00E+00	9.50E-04	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	2.31E-02
1189	ALL	653910.1	4187908	NonCancer	0.00E+00	7.82E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.82E-04	0.00E+00	7.82E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
1190	ALL	653930.1	4187908	NonCancer	0.00E+00	7.10E-04	1.74E-02	0.00E+00	0.00E+00	1.74E-02	7.10E-04	0.00E+00	7.10E-04	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.74E-02
1191	ALL	653950.1	4187908	NonCancer	0.00E+00	6.14E-04	1.51E-02	0.00E+00	0.00E+00	1.51E-02	6.14E-04	0.00E+00	6.14E-04	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.51E-02
1192	ALL	653970.1	4187908	NonCancer	0.00E+00	5.69E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.69E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
1193	ALL	653990.1	4187908	NonCancer	0.00E+00	5.12E-04	1.26E-02	0.00E+00	0.00E+00	1.26E-02	5.12E-04	0.00E+00	5.12E-04	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1194	ALL	654010.1	4187908	NonCancer	0.00E+00	4.58E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.58E-04	0.00E+00	4.58E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
1195	ALL	654030.1	4187908	NonCancer	0.00E+00	4.20E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.20E-04	0.00E+00	4.20E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1196	ALL	654050.1	4187908	NonCancer	0.00E+00	3.80E-04	9.46E-03	0.00E+00	0.00E+00	9.46E-03	3.80E-04	0.00E+00	3.80E-04	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	9.46E-03
1197	ALL	654070.1	4187908	NonCancer	0.00E+00	3.57E-04	8.86E-03	0.00E+00	0.00E+00	8.86E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	8.86E-03	0.00E+00	0.00E+00	8.86E-03
1198	ALL	654090.1	4187908	NonCancer	0.00E+00	3.38E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.38E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
1199	ALL	654110.1	4187908	NonCancer	0.00E+00	3.18E-04	7.87E-03	0.00E+00	0.00E+00	7.87E-03	3.18E-04	0.00E+00	3.18E-04	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.87E-03

1200	ALL	654130.1	4187908	NonCancer	0.00E+00	2.99E-04	7.40E-03	0.00E+00	0.00E+00	7.40E-03	2.99E-04	0.00E+00	2.99E-04	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	7.40E-03
1201	ALL	654150.1	4187908	NonCancer	0.00E+00	2.80E-04	6.95E-03	0.00E+00	0.00E+00	6.95E-03	2.80E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	6.95E-03
1202	ALL	654170.1	4187908	NonCancer	0.00E+00	2.61E-04	6.51E-03	0.00E+00	0.00E+00	6.51E-03	2.61E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	6.51E-03
1203	ALL	654190.1	4187908	NonCancer	0.00E+00	2.43E-04	6.08E-03	0.00E+00	0.00E+00	6.08E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	6.08E-03
1204	ALL	654210.1	4187908	NonCancer	0.00E+00	2.26E-04	5.68E-03	0.00E+00	0.00E+00	5.68E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	5.68E-03
1205	ALL	654230.1	4187908	NonCancer	0.00E+00	2.16E-04	5.41E-03	0.00E+00	0.00E+00	5.41E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	5.41E-03
1206	ALL	654250.1	4187908	NonCancer	0.00E+00	2.05E-04	5.14E-03	0.00E+00	0.00E+00	5.14E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	5.14E-03
1207	ALL	654270.1	4187908	NonCancer	0.00E+00	1.95E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
1208	ALL	654290.1	4187908	NonCancer	0.00E+00	1.85E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
1209	ALL	654310.1	4187908	NonCancer	0.00E+00	1.76E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
1210	ALL	654330.1	4187908	NonCancer	0.00E+00	1.67E-04	4.19E-03	0.00E+00	0.00E+00	4.19E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	4.19E-03
1211	ALL	654350.1	4187908	NonCancer	0.00E+00	1.58E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1212	ALL	654370.1	4187908	NonCancer	0.00E+00	1.50E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
1213	ALL	654390.1	4187908	NonCancer	0.00E+00	1.43E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
1214	ALL	654410.1	4187908	NonCancer	0.00E+00	1.36E-04	3.43E-03	0.00E+00	0.00E+00	3.43E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	3.43E-03
1215	ALL	654430.1	4187908	NonCancer	0.00E+00	1.29E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
1216	ALL	654450.1	4187908	NonCancer	0.00E+00	1.23E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
1217	ALL	654470.1	4187908	NonCancer	0.00E+00	1.17E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
1218	ALL	654490.1	4187908	NonCancer	0.00E+00	1.14E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
1219	ALL	653690.1	4187928	NonCancer	0.00E+00	3.28E-03	8.37E-02	0.00E+00	0.00E+00	8.37E-02	3.28E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	8.37E-02	0.00E+00	0.00E+00	8.37E-02
1220	ALL	653830.1	4187928	NonCancer	0.00E+00	1.74E-03	4.20E-02	0.00E+00	0.00E+00	4.20E-02	1.74E-03	0.00E+00	1.74E-03	0.00E+00	0.00E+00	4.20E-02	0.00E+00	0.00E+00	4.20E-02
1221	ALL	653850.1	4187928	NonCancer	0.00E+00	1.37E-03	3.33E-02	0.00E+00	0.00E+00	3.33E-02	1.37E-03	0.00E+00	1.37E-03	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.33E-02
1222	ALL	653870.1	4187928	NonCancer	0.00E+00	1.16E-03	2.80E-02	0.00E+00	0.00E+00	2.80E-02	1.16E-03	0.00E+00	1.16E-03	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	2.80E-02
1223	ALL	653890.1	4187928	NonCancer	0.00E+00	9.98E-04	2.42E-02	0.00E+00	0.00E+00	2.42E-02	9.98E-04	0.00E+00	9.98E-04	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	2.42E-02
1224	ALL	653910.1	4187928	NonCancer	0.00E+00	8.40E-04	2.05E-02	0.00E+00	0.00E+00	2.05E-02	8.40E-04	0.00E+00	8.40E-04	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.05E-02
1225	ALL	653930.1	4187928	NonCancer	0.00E+00	7.35E-04	1.80E-02	0.00E+00	0.00E+00	1.80E-02	7.35E-04	0.00E+00	7.35E-04	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.80E-02
1226	ALL	653950.1	4187928	NonCancer	0.00E+00	6.56E-04	1.61E-02	0.00E+00	0.00E+00	1.61E-02	6.56E-04	0.00E+00	6.56E-04	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.61E-02
1227	ALL	653970.1	4187928	NonCancer	0.00E+00	5.98E-04	1.47E-02	0.00E+00	0.00E+00	1.47E-02	5.98E-04	0.00E+00	5.98E-04	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.47E-02
1228	ALL	653990.1	4187928	NonCancer	0.00E+00	5.42E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.42E-04	0.00E+00	5.42E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
1229	ALL	654010.1	4187928	NonCancer	0.00E+00	4.88E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.88E-04	0.00E+00	4.88E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02
1230	ALL	654030.1	4187928	NonCancer	0.00E+00	4.40E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.40E-04	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1231	ALL	654050.1	4187928	NonCancer	0.00E+00	3.99E-04	9.93E-03	0.00E+00	0.00E+00	9.93E-03	3.99E-04	0.00E+00	3.99E-04	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	9.93E-03
1232	ALL	654070.1	4187928	NonCancer	0.00E+00	3.69E-04	9.20E-03	0.00E+00	0.00E+00	9.20E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.20E-03	0.00E+00	0.00E+00	9.20E-03
1233	ALL	654090.1	4187928	NonCancer	0.00E+00	3.42E-04	8.52E-03	0.00E+00	0.00E+00	8.52E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.52E-03	0.00E+00	0.00E+00	8.52E-03
1234	ALL	654110.1	4187928	NonCancer	0.00E+00	3.16E-04	7.89E-03	0.00E+00	0.00E+00	7.89E-03	3.16E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	7.89E-03
1235	ALL	654130.1	4187928	NonCancer	0.00E+00	2.92E-04	7.31E-03	0.00E+00	0.00E+00	7.31E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	7.31E-03
1236	ALL	654150.1	4187928	NonCancer	0.00E+00	2.70E-04	6.78E-03	0.00E+00	0.00E+00	6.78E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.78E-03
1237	ALL	654170.1	4187928	NonCancer	0.00E+00	2.51E-04	6.29E-03	0.00E+00	0.00E+00	6.29E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	6.29E-03
1238	ALL	654190.1	4187928	NonCancer	0.00E+00	2.33E-04	5.85E-03	0.00E+00	0.00E+00	5.85E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	5.85E-03
1239	ALL	654210.1	4187928	NonCancer	0.00E+00	2.16E-04	5.47E-03	0.00E+00	0.00E+00	5.47E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.47E-03
1240	ALL	654230.1	4187928	NonCancer	0.00E+00	2.06E-04	5.20E-03	0.00E+00	0.00E+00	5.20E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	5.20E-03
1241	ALL	654250.1	4187928	NonCancer	0.00E+00	1.96E-04	4.95E-03	0.00E+00	0.00E+00	4.95E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	4.95E-03
1242	ALL	654270.1	4187928	NonCancer	0.00E+00	1.87E-04	4.72E-03	0.00E+00	0.00E+00	4.72E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	4.72E-03
1243	ALL	654290.1	4187928	NonCancer	0.00E+00	1.79E-04	4.50E-03	0.00E+00	0.00E+00	4.50E-03	1.79E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	4.50E-03
1244	ALL	654310.1	4187928	NonCancer	0.00E+00	1.71E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
1245	ALL	654330.1	4187928	NonCancer	0.00E+00	1.63E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
1246	ALL	654350.1	4187928	NonCancer	0.00E+00	1.56E-04	3.92E-03	0.00E+00	0.00E+00	3.92E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	3.92E-03
1247	ALL	654370.1	4187928	NonCancer	0.00E+00	1.50E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
1248	ALL	654390.1	4187928	NonCancer	0.00E+00	1.44E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
1249	ALL	654410.1	4187928	NonCancer	0.00E+00	1.38E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03

1250	ALL	654430.1	4187928	NonCancer	0.00E+00	1.32E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
1251	ALL	654450.1	4187928	NonCancer	0.00E+00	1.27E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
1252	ALL	654470.1	4187928	NonCancer	0.00E+00	1.22E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
1253	ALL	654490.1	4187928	NonCancer	0.00E+00	1.18E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
1254	ALL	653690.1	4187948	NonCancer	0.00E+00	5.24E-03	1.28E-01	0.00E+00	0.00E+00	1.28E-01	5.24E-03	0.00E+00	5.24E-03	0.00E+00	0.00E+00	1.28E-01	0.00E+00	0.00E+00	1.28E-01
1255	ALL	653830.1	4187948	NonCancer	0.00E+00	1.95E-03	4.64E-02	0.00E+00	0.00E+00	4.64E-02	1.95E-03	0.00E+00	1.95E-03	0.00E+00	0.00E+00	4.64E-02	0.00E+00	0.00E+00	4.64E-02
1256	ALL	653850.1	4187948	NonCancer	0.00E+00	1.57E-03	3.77E-02	0.00E+00	0.00E+00	3.77E-02	1.57E-03	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	3.77E-02
1257	ALL	653870.1	4187948	NonCancer	0.00E+00	1.26E-03	3.04E-02	0.00E+00	0.00E+00	3.04E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.04E-02	0.00E+00	0.00E+00	3.04E-02
1258	ALL	653890.1	4187948	NonCancer	0.00E+00	1.05E-03	2.54E-02	0.00E+00	0.00E+00	2.54E-02	1.05E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	2.54E-02
1259	ALL	653910.1	4187948	NonCancer	0.00E+00	8.86E-04	2.17E-02	0.00E+00	0.00E+00	2.17E-02	8.86E-04	0.00E+00	8.86E-04	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	2.17E-02
1260	ALL	653930.1	4187948	NonCancer	0.00E+00	7.56E-04	1.86E-02	0.00E+00	0.00E+00	1.86E-02	7.56E-04	0.00E+00	7.56E-04	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.86E-02
1261	ALL	653950.1	4187948	NonCancer	0.00E+00	6.51E-04	1.61E-02	0.00E+00	0.00E+00	1.61E-02	6.51E-04	0.00E+00	6.51E-04	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.61E-02
1262	ALL	653970.1	4187948	NonCancer	0.00E+00	5.80E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.80E-04	0.00E+00	5.80E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
1263	ALL	653990.1	4187948	NonCancer	0.00E+00	5.22E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.22E-04	0.00E+00	5.22E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1264	ALL	654010.1	4187948	NonCancer	0.00E+00	4.72E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.72E-04	0.00E+00	4.72E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
1265	ALL	654030.1	4187948	NonCancer	0.00E+00	4.30E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.30E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
1266	ALL	654050.1	4187948	NonCancer	0.00E+00	3.93E-04	9.79E-03	0.00E+00	0.00E+00	9.79E-03	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	9.79E-03
1267	ALL	654070.1	4187948	NonCancer	0.00E+00	3.61E-04	9.00E-03	0.00E+00	0.00E+00	9.00E-03	3.61E-04	0.00E+00	3.61E-04	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	9.00E-03
1268	ALL	654090.1	4187948	NonCancer	0.00E+00	3.33E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.33E-04	0.00E+00	3.33E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
1269	ALL	654110.1	4187948	NonCancer	0.00E+00	3.08E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.08E-04	0.00E+00	3.08E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
1270	ALL	654130.1	4187948	NonCancer	0.00E+00	2.86E-04	7.14E-03	0.00E+00	0.00E+00	7.14E-03	2.86E-04	0.00E+00	2.86E-04	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	7.14E-03
1271	ALL	654150.1	4187948	NonCancer	0.00E+00	2.67E-04	6.65E-03	0.00E+00	0.00E+00	6.65E-03	2.67E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	6.65E-03
1272	ALL	654170.1	4187948	NonCancer	0.00E+00	2.49E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
1273	ALL	654190.1	4187948	NonCancer	0.00E+00	2.33E-04	5.85E-03	0.00E+00	0.00E+00	5.85E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	5.85E-03
1274	ALL	654210.1	4187948	NonCancer	0.00E+00	2.19E-04	5.50E-03	0.00E+00	0.00E+00	5.50E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	5.50E-03
1275	ALL	654230.1	4187948	NonCancer	0.00E+00	2.07E-04	5.19E-03	0.00E+00	0.00E+00	5.19E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	5.19E-03
1276	ALL	654250.1	4187948	NonCancer	0.00E+00	1.95E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
1277	ALL	654270.1	4187948	NonCancer	0.00E+00	1.84E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
1278	ALL	654290.1	4187948	NonCancer	0.00E+00	1.75E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
1279	ALL	654310.1	4187948	NonCancer	0.00E+00	1.66E-04	4.18E-03	0.00E+00	0.00E+00	4.18E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	4.18E-03
1280	ALL	654330.1	4187948	NonCancer	0.00E+00	1.57E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1281	ALL	654350.1	4187948	NonCancer	0.00E+00	1.50E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
1282	ALL	654370.1	4187948	NonCancer	0.00E+00	1.43E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
1283	ALL	654390.1	4187948	NonCancer	0.00E+00	1.36E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
1284	ALL	654410.1	4187948	NonCancer	0.00E+00	1.30E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1285	ALL	654430.1	4187948	NonCancer	0.00E+00	1.25E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
1286	ALL	654450.1	4187948	NonCancer	0.00E+00	1.19E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1287	ALL	654470.1	4187948	NonCancer	0.00E+00	1.14E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
1288	ALL	654490.1	4187948	NonCancer	0.00E+00	1.10E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
1289	ALL	653690.1	4187968	NonCancer	0.00E+00	6.46E-03	1.68E-01	0.00E+00	0.00E+00	1.68E-01	6.46E-03	0.00E+00	6.46E-03	0.00E+00	0.00E+00	1.68E-01	0.00E+00	0.00E+00	1.68E-01
1290	ALL	653830.1	4187968	NonCancer	0.00E+00	2.14E-03	5.07E-02	0.00E+00	0.00E+00	5.07E-02	2.14E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	5.07E-02	0.00E+00	0.00E+00	5.07E-02
1291	ALL	653850.1	4187968	NonCancer	0.00E+00	1.65E-03	3.95E-02	0.00E+00	0.00E+00	3.95E-02	1.65E-03	0.00E+00	1.65E-03	0.00E+00	0.00E+00	3.95E-02	0.00E+00	0.00E+00	3.95E-02
1292	ALL	653870.1	4187968	NonCancer	0.00E+00	1.33E-03	3.19E-02	0.00E+00	0.00E+00	3.19E-02	1.33E-03	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.19E-02	0.00E+00	0.00E+00	3.19E-02
1293	ALL	653890.1	4187968	NonCancer	0.00E+00	1.09E-03	2.64E-02	0.00E+00	0.00E+00	2.64E-02	1.09E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	2.64E-02
1294	ALL	653910.1	4187968	NonCancer	0.00E+00	9.21E-04	2.24E-02	0.00E+00	0.00E+00	2.24E-02	9.21E-04	0.00E+00	9.21E-04	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	2.24E-02
1295	ALL	653930.1	4187968	NonCancer	0.00E+00	7.90E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.90E-04	0.00E+00	7.90E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
1296	ALL	653950.1	4187968	NonCancer	0.00E+00	6.87E-04	1.68E-02	0.00E+00	0.00E+00	1.68E-02	6.87E-04	0.00E+00	6.87E-04	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.68E-02
1297	ALL	653970.1	4187968	NonCancer	0.00E+00	6.06E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	6.06E-04	0.00E+00	6.06E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
1298	ALL	653990.1	4187968	NonCancer	0.00E+00	5.41E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.41E-04	0.00E+00	5.41E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
1299	ALL	654010.1	4187968	NonCancer	0.00E+00	4.87E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.87E-04	0.00E+00	4.87E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02

1300	ALL	654030.1	4187968	NonCancer	0.00E+00	4.41E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
1301	ALL	654050.1	4187968	NonCancer	0.00E+00	4.03E-04	9.97E-03	0.00E+00	0.00E+00	9.97E-03	4.03E-04	0.00E+00	4.03E-04	0.00E+00	0.00E+00	9.97E-03	0.00E+00	0.00E+00	9.97E-03
1302	ALL	654070.1	4187968	NonCancer	0.00E+00	3.70E-04	9.17E-03	0.00E+00	0.00E+00	9.17E-03	3.70E-04	0.00E+00	3.70E-04	0.00E+00	0.00E+00	9.17E-03	0.00E+00	0.00E+00	9.17E-03
1303	ALL	654090.1	4187968	NonCancer	0.00E+00	3.42E-04	8.48E-03	0.00E+00	0.00E+00	8.48E-03	3.42E-04	0.00E+00	3.42E-04	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	8.48E-03
1304	ALL	654110.1	4187968	NonCancer	0.00E+00	3.17E-04	7.87E-03	0.00E+00	0.00E+00	7.87E-03	3.17E-04	0.00E+00	3.17E-04	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	7.87E-03
1305	ALL	654130.1	4187968	NonCancer	0.00E+00	2.95E-04	7.33E-03	0.00E+00	0.00E+00	7.33E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.33E-03	0.00E+00	0.00E+00	7.33E-03
1306	ALL	654150.1	4187968	NonCancer	0.00E+00	2.76E-04	6.85E-03	0.00E+00	0.00E+00	6.85E-03	2.76E-04	0.00E+00	2.76E-04	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	6.85E-03
1307	ALL	654170.1	4187968	NonCancer	0.00E+00	2.58E-04	6.42E-03	0.00E+00	0.00E+00	6.42E-03	2.58E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	6.42E-03
1308	ALL	654190.1	4187968	NonCancer	0.00E+00	2.43E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.43E-04	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
1309	ALL	654210.1	4187968	NonCancer	0.00E+00	2.29E-04	5.69E-03	0.00E+00	0.00E+00	5.69E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	5.69E-03
1310	ALL	654230.1	4187968	NonCancer	0.00E+00	2.16E-04	5.37E-03	0.00E+00	0.00E+00	5.37E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	5.37E-03
1311	ALL	654250.1	4187968	NonCancer	0.00E+00	2.04E-04	5.09E-03	0.00E+00	0.00E+00	5.09E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	5.09E-03
1312	ALL	654270.1	4187968	NonCancer	0.00E+00	1.94E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
1313	ALL	654290.1	4187968	NonCancer	0.00E+00	1.84E-04	4.58E-03	0.00E+00	0.00E+00	4.58E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	4.58E-03
1314	ALL	654310.1	4187968	NonCancer	0.00E+00	1.75E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
1315	ALL	654330.1	4187968	NonCancer	0.00E+00	1.67E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
1316	ALL	654350.1	4187968	NonCancer	0.00E+00	1.60E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
1317	ALL	654370.1	4187968	NonCancer	0.00E+00	1.53E-04	3.80E-03	0.00E+00	0.00E+00	3.80E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.80E-03
1318	ALL	654390.1	4187968	NonCancer	0.00E+00	1.46E-04	3.64E-03	0.00E+00	0.00E+00	3.64E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	3.64E-03
1319	ALL	654410.1	4187968	NonCancer	0.00E+00	1.40E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1320	ALL	654430.1	4187968	NonCancer	0.00E+00	1.35E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
1321	ALL	654450.1	4187968	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
1322	ALL	654470.1	4187968	NonCancer	0.00E+00	1.24E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
1323	ALL	654490.1	4187968	NonCancer	0.00E+00	1.20E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
1324	ALL	653690.1	4187988	NonCancer	0.00E+00	4.87E-03	1.37E-01	0.00E+00	0.00E+00	1.37E-01	4.87E-03	0.00E+00	4.87E-03	0.00E+00	0.00E+00	1.37E-01	0.00E+00	0.00E+00	1.37E-01
1325	ALL	653830.1	4187988	NonCancer	0.00E+00	1.94E-03	4.69E-02	0.00E+00	0.00E+00	4.69E-02	1.94E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	4.69E-02
1326	ALL	653850.1	4187988	NonCancer	0.00E+00	1.52E-03	3.70E-02	0.00E+00	0.00E+00	3.70E-02	1.52E-03	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.70E-02	0.00E+00	0.00E+00	3.70E-02
1327	ALL	653870.1	4187988	NonCancer	0.00E+00	1.25E-03	3.05E-02	0.00E+00	0.00E+00	3.05E-02	1.25E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	3.05E-02
1328	ALL	653890.1	4187988	NonCancer	0.00E+00	1.04E-03	2.56E-02	0.00E+00	0.00E+00	2.56E-02	1.04E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	2.56E-02
1329	ALL	653910.1	4187988	NonCancer	0.00E+00	8.96E-04	2.21E-02	0.00E+00	0.00E+00	2.21E-02	8.96E-04	0.00E+00	8.96E-04	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	2.21E-02
1330	ALL	653930.1	4187988	NonCancer	0.00E+00	7.78E-04	1.92E-02	0.00E+00	0.00E+00	1.92E-02	7.78E-04	0.00E+00	7.78E-04	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.92E-02
1331	ALL	653950.1	4187988	NonCancer	0.00E+00	6.80E-04	1.69E-02	0.00E+00	0.00E+00	1.69E-02	6.80E-04	0.00E+00	6.80E-04	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.69E-02
1332	ALL	653970.1	4187988	NonCancer	0.00E+00	6.00E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	6.00E-04	0.00E+00	6.00E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
1333	ALL	653990.1	4187988	NonCancer	0.00E+00	5.42E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.42E-04	0.00E+00	5.42E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
1334	ALL	654010.1	4187988	NonCancer	0.00E+00	4.91E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.91E-04	0.00E+00	4.91E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
1335	ALL	654030.1	4187988	NonCancer	0.00E+00	4.49E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.49E-04	0.00E+00	4.49E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
1336	ALL	654050.1	4187988	NonCancer	0.00E+00	4.16E-04	1.04E-02	0.00E+00	0.00E+00	1.04E-02	4.16E-04	0.00E+00	4.16E-04	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	1.04E-02
1337	ALL	654070.1	4187988	NonCancer	0.00E+00	3.86E-04	9.60E-03	0.00E+00	0.00E+00	9.60E-03	3.86E-04	0.00E+00	3.86E-04	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	9.60E-03
1338	ALL	654090.1	4187988	NonCancer	0.00E+00	3.59E-04	8.93E-03	0.00E+00	0.00E+00	8.93E-03	3.59E-04	0.00E+00	3.59E-04	0.00E+00	0.00E+00	8.93E-03	0.00E+00	0.00E+00	8.93E-03
1339	ALL	654110.1	4187988	NonCancer	0.00E+00	3.35E-04	8.32E-03	0.00E+00	0.00E+00	8.32E-03	3.35E-04	0.00E+00	3.35E-04	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.32E-03
1340	ALL	654130.1	4187988	NonCancer	0.00E+00	3.13E-04	7.77E-03	0.00E+00	0.00E+00	7.77E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	7.77E-03
1341	ALL	654150.1	4187988	NonCancer	0.00E+00	2.93E-04	7.28E-03	0.00E+00	0.00E+00	7.28E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	7.28E-03
1342	ALL	654170.1	4187988	NonCancer	0.00E+00	2.75E-04	6.84E-03	0.00E+00	0.00E+00	6.84E-03	2.75E-04	0.00E+00	2.75E-04	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	6.84E-03
1343	ALL	654190.1	4187988	NonCancer	0.00E+00	2.59E-04	6.43E-03	0.00E+00	0.00E+00	6.43E-03	2.59E-04	0.00E+00	2.59E-04	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	6.43E-03
1344	ALL	654210.1	4187988	NonCancer	0.00E+00	2.44E-04	6.06E-03	0.00E+00	0.00E+00	6.06E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	6.06E-03
1345	ALL	654230.1	4187988	NonCancer	0.00E+00	2.30E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.30E-04	0.00E+00	2.30E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
1346	ALL	654250.1	4187988	NonCancer	0.00E+00	2.18E-04	5.42E-03	0.00E+00	0.00E+00	5.42E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	5.42E-03
1347	ALL	654270.1	4187988	NonCancer	0.00E+00	2.06E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
1348	ALL	654290.1	4187988	NonCancer	0.00E+00	1.96E-04	4.87E-03	0.00E+00	0.00E+00	4.87E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	4.87E-03
1349	ALL	654310.1	4187988	NonCancer	0.00E+00	1.86E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03

1350	ALL	654330.1	4187988	NonCancer	0.00E+00	1.77E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
1351	ALL	654350.1	4187988	NonCancer	0.00E+00	1.69E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
1352	ALL	654370.1	4187988	NonCancer	0.00E+00	1.61E-04	4.02E-03	0.00E+00	0.00E+00	4.02E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	4.02E-03
1353	ALL	654390.1	4187988	NonCancer	0.00E+00	1.54E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
1354	ALL	654410.1	4187988	NonCancer	0.00E+00	1.47E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
1355	ALL	654430.1	4187988	NonCancer	0.00E+00	1.41E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
1356	ALL	654450.1	4187988	NonCancer	0.00E+00	1.35E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
1357	ALL	654470.1	4187988	NonCancer	0.00E+00	1.30E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1358	ALL	654490.1	4187988	NonCancer	0.00E+00	1.25E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
1359	ALL	653655.1	4187975	NonCancer	0.00E+00	3.23E-03	8.26E-02	0.00E+00	0.00E+00	8.26E-02	3.23E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	8.26E-02	0.00E+00	0.00E+00	8.26E-02
1360	ALL	653791.2	4188025	NonCancer	0.00E+00	2.06E-03	5.13E-02	0.00E+00	0.00E+00	5.13E-02	2.06E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	5.13E-02
1361	ALL	653828	4188054	NonCancer	0.00E+00	1.23E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.23E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1362	ALL	653851.7	4188037	NonCancer	0.00E+00	1.26E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1363	ALL	653905.3	4188036	NonCancer	0.00E+00	8.23E-04	2.04E-02	0.00E+00	0.00E+00	2.04E-02	8.23E-04	0.00E+00	8.23E-04	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	2.04E-02
1364	ALL	653749.8	4188104	NonCancer	0.00E+00	1.01E-03	2.72E-02	0.00E+00	0.00E+00	2.72E-02	1.01E-03	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.72E-02	0.00E+00	0.00E+00	2.72E-02
1365	ALL	653938.3	4188030	NonCancer	0.00E+00	6.90E-04	1.71E-02	0.00E+00	0.00E+00	1.71E-02	6.90E-04	0.00E+00	6.90E-04	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.71E-02
1366	ALL	653988.6	4188028	NonCancer	0.00E+00	5.31E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.31E-04	0.00E+00	5.31E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
1367	ALL	654041.4	4188038	NonCancer	0.00E+00	4.11E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.11E-04	0.00E+00	4.11E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
1368	ALL	653989.9	4188052	NonCancer	0.00E+00	4.99E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.99E-04	0.00E+00	4.99E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
1369	ALL	653634	4187869	NonCancer	0.00E+00	1.34E-03	3.44E-02	0.00E+00	0.00E+00	3.44E-02	1.34E-03	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.44E-02	0.00E+00	0.00E+00	3.44E-02
1370	ALL	653624.7	4187963	NonCancer	0.00E+00	2.20E-03	5.67E-02	0.00E+00	0.00E+00	5.67E-02	2.20E-03	0.00E+00	2.20E-03	0.00E+00	0.00E+00	5.67E-02	0.00E+00	0.00E+00	5.67E-02
1371	ALL	653582.9	4187962	NonCancer	0.00E+00	1.45E-03	3.75E-02	0.00E+00	0.00E+00	3.75E-02	1.45E-03	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.75E-02	0.00E+00	0.00E+00	3.75E-02
1372	ALL	653701.2	4188101	NonCancer	0.00E+00	1.08E-03	2.94E-02	0.00E+00	0.00E+00	2.94E-02	1.08E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	2.94E-02
1373	ALL	654582.9	4187495	NonCancer	0.00E+00	1.04E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
1374	ALL	654554.3	4187451	NonCancer	0.00E+00	1.15E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1375	ALL	654607.7	4187450	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
1376	ALL	654492.6	4186914	NonCancer	0.00E+00	7.12E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.12E-05	0.00E+00	7.12E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
1377	ALL	654507.1	4186911	NonCancer	0.00E+00	6.75E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
1378	ALL	654509.1	4186964	NonCancer	0.00E+00	7.28E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.28E-05	0.00E+00	7.28E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
1379	ALL	653809.3	4186920	NonCancer	0.00E+00	1.01E-04	2.61E-03	0.00E+00	0.00E+00	2.61E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.61E-03
1380	ALL	654342.3	4186819	NonCancer	0.00E+00	6.48E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.48E-05	0.00E+00	6.48E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
1381	ALL	655092.5	4187198	NonCancer	0.00E+00	5.54E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.54E-05	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1382	ALL	654238.7	4186303	NonCancer	0.00E+00	4.97E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1383	ALL	655153.1	4188271	NonCancer	0.00E+00	4.94E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
1384	ALL	653689.1	4188009	NonCancer	0.00E+00	2.77E-03	7.93E-02	0.00E+00	0.00E+00	7.93E-02	2.77E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	7.93E-02	0.00E+00	0.00E+00	7.93E-02
1385	ALL	653683.7	4188032	NonCancer	0.00E+00	1.88E-03	5.39E-02	0.00E+00	0.00E+00	5.39E-02	1.88E-03	0.00E+00	1.88E-03	0.00E+00	0.00E+00	5.39E-02	0.00E+00	0.00E+00	5.39E-02
1386	ALL	653706.1	4188038	NonCancer	0.00E+00	1.96E-03	5.53E-02	0.00E+00	0.00E+00	5.53E-02	1.96E-03	0.00E+00	1.96E-03	0.00E+00	0.00E+00	5.53E-02	0.00E+00	0.00E+00	5.53E-02
1387	ALL	653679.4	4188057	NonCancer	0.00E+00	1.43E-03	3.99E-02	0.00E+00	0.00E+00	3.99E-02	1.43E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	3.99E-02
1388	ALL	653658.8	4188047	NonCancer	0.00E+00	1.47E-03	4.05E-02	0.00E+00	0.00E+00	4.05E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	4.05E-02
1389	ALL	653703	4188063	NonCancer	0.00E+00	1.41E-03	3.99E-02	0.00E+00	0.00E+00	3.99E-02	1.41E-03	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	3.99E-02
1390	ALL	653675.6	4188081	NonCancer	0.00E+00	1.19E-03	3.21E-02	0.00E+00	0.00E+00	3.21E-02	1.19E-03	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.21E-02	0.00E+00	0.00E+00	3.21E-02
1391	ALL	653653.7	4188071	NonCancer	0.00E+00	1.12E-03	3.12E-02	0.00E+00	0.00E+00	3.12E-02	1.12E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	3.12E-02
1392	ALL	653699.9	4188088	NonCancer	0.00E+00	1.14E-03	3.17E-02	0.00E+00	0.00E+00	3.17E-02	1.14E-03	0.00E+00	1.14E-03	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	3.17E-02
1393	ALL	653668.6	4188130	NonCancer	0.00E+00	8.30E-04	2.21E-02	0.00E+00	0.00E+00	2.21E-02	8.30E-04	0.00E+00	8.30E-04	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	2.21E-02
1394	ALL	653645.1	4188120	NonCancer	0.00E+00	7.80E-04	2.14E-02	0.00E+00	0.00E+00	2.14E-02	7.80E-04	0.00E+00	7.80E-04	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.14E-02
1395	ALL	653621.6	4188109	NonCancer	0.00E+00	7.66E-04	2.06E-02	0.00E+00	0.00E+00	2.06E-02	7.66E-04	0.00E+00	7.66E-04	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	2.06E-02
1396	ALL	653693.7	4188138	NonCancer	0.00E+00	8.10E-04	2.16E-02	0.00E+00	0.00E+00	2.16E-02	8.10E-04	0.00E+00	8.10E-04	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	2.16E-02
1397	ALL	653663.2	4188180	NonCancer	0.00E+00	5.48E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.48E-04	0.00E+00	5.48E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1398	ALL	653641.3	4188170	NonCancer	0.00E+00	6.22E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.22E-04	0.00E+00	6.22E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
1399	ALL	653619.3	4188160	NonCancer	0.00E+00	5.73E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	5.73E-04	0.00E+00	5.73E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02

1400	ALL	653597.4	4188150	NonCancer	0.00E+00	5.52E-04	1.47E-02	0.00E+00	0.00E+00	1.47E-02	5.52E-04	0.00E+00	5.52E-04	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	1.47E-02
1401	ALL	653575.4	4188140	NonCancer	0.00E+00	5.64E-04	1.50E-02	0.00E+00	0.00E+00	1.50E-02	5.64E-04	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.50E-02
1402	ALL	653687.5	4188187	NonCancer	0.00E+00	6.03E-04	1.59E-02	0.00E+00	0.00E+00	1.59E-02	6.03E-04	0.00E+00	6.03E-04	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.59E-02
1403	ALL	653656.5	4188230	NonCancer	0.00E+00	4.33E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.33E-04	0.00E+00	4.33E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
1404	ALL	653633.7	4188219	NonCancer	0.00E+00	4.80E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.80E-04	0.00E+00	4.80E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02
1405	ALL	653610.8	4188209	NonCancer	0.00E+00	4.93E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	4.93E-04	0.00E+00	4.93E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
1406	ALL	653587.9	4188198	NonCancer	0.00E+00	4.55E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.55E-04	0.00E+00	4.55E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
1407	ALL	653565.1	4188188	NonCancer	0.00E+00	4.28E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.28E-04	0.00E+00	4.28E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1408	ALL	653542.2	4188177	NonCancer	0.00E+00	4.39E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
1409	ALL	653681.2	4188237	NonCancer	0.00E+00	4.65E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.65E-04	0.00E+00	4.65E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
1410	ALL	653650	4188279	NonCancer	0.00E+00	3.52E-04	9.29E-03	0.00E+00	0.00E+00	9.29E-03	3.52E-04	0.00E+00	3.52E-04	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	9.29E-03
1411	ALL	653626.5	4188268	NonCancer	0.00E+00	3.53E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.53E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
1412	ALL	653603	4188258	NonCancer	0.00E+00	3.99E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	3.99E-04	0.00E+00	3.99E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
1413	ALL	653579.4	4188247	NonCancer	0.00E+00	3.80E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	3.80E-04	0.00E+00	3.80E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
1414	ALL	653555.9	4188236	NonCancer	0.00E+00	3.55E-04	9.32E-03	0.00E+00	0.00E+00	9.32E-03	3.55E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	9.32E-03
1415	ALL	653532.4	4188225	NonCancer	0.00E+00	3.50E-04	9.10E-03	0.00E+00	0.00E+00	9.10E-03	3.50E-04	0.00E+00	3.50E-04	0.00E+00	0.00E+00	9.10E-03	0.00E+00	0.00E+00	9.10E-03
1416	ALL	653508.9	4188214	NonCancer	0.00E+00	3.54E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.54E-04	0.00E+00	3.54E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
1417	ALL	653675	4188286	NonCancer	0.00E+00	3.73E-04	9.80E-03	0.00E+00	0.00E+00	9.80E-03	3.73E-04	0.00E+00	3.73E-04	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	9.80E-03
1418	ALL	653643.6	4188329	NonCancer	0.00E+00	2.96E-04	7.76E-03	0.00E+00	0.00E+00	7.76E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	7.76E-03
1419	ALL	653619.5	4188318	NonCancer	0.00E+00	2.91E-04	7.67E-03	0.00E+00	0.00E+00	7.67E-03	2.91E-04	0.00E+00	2.91E-04	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	7.67E-03
1420	ALL	653595.5	4188307	NonCancer	0.00E+00	3.30E-04	8.44E-03	0.00E+00	0.00E+00	8.44E-03	3.30E-04	0.00E+00	3.30E-04	0.00E+00	0.00E+00	8.44E-03	0.00E+00	0.00E+00	8.44E-03
1421	ALL	653571.5	4188296	NonCancer	0.00E+00	3.31E-04	8.65E-03	0.00E+00	0.00E+00	8.65E-03	3.31E-04	0.00E+00	3.31E-04	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	8.65E-03
1422	ALL	653547.5	4188285	NonCancer	0.00E+00	2.97E-04	7.90E-03	0.00E+00	0.00E+00	7.90E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	7.90E-03
1423	ALL	653523.5	4188274	NonCancer	0.00E+00	2.90E-04	7.59E-03	0.00E+00	0.00E+00	7.59E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	7.59E-03
1424	ALL	653499.5	4188262	NonCancer	0.00E+00	2.95E-04	7.61E-03	0.00E+00	0.00E+00	7.61E-03	2.95E-04	0.00E+00	2.95E-04	0.00E+00	0.00E+00	7.61E-03	0.00E+00	0.00E+00	7.61E-03
1425	ALL	653475.5	4188251	NonCancer	0.00E+00	2.94E-04	7.67E-03	0.00E+00	0.00E+00	7.67E-03	2.94E-04	0.00E+00	2.94E-04	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	7.67E-03
1426	ALL	653668.8	4188336	NonCancer	0.00E+00	3.07E-04	8.05E-03	0.00E+00	0.00E+00	8.05E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.05E-03
1427	ALL	653631.4	4188428	NonCancer	0.00E+00	2.27E-04	5.84E-03	0.00E+00	0.00E+00	5.84E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	5.84E-03
1428	ALL	653607.9	4188417	NonCancer	0.00E+00	2.16E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
1429	ALL	653584.3	4188406	NonCancer	0.00E+00	2.18E-04	5.61E-03	0.00E+00	0.00E+00	5.61E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	5.61E-03
1430	ALL	653560.8	4188396	NonCancer	0.00E+00	2.41E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
1431	ALL	653537.3	4188385	NonCancer	0.00E+00	2.41E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
1432	ALL	653513.8	4188374	NonCancer	0.00E+00	2.36E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
1433	ALL	653490.3	4188363	NonCancer	0.00E+00	2.22E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
1434	ALL	653466.7	4188352	NonCancer	0.00E+00	2.11E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
1435	ALL	653443.2	4188341	NonCancer	0.00E+00	2.11E-04	5.44E-03	0.00E+00	0.00E+00	5.44E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.44E-03
1436	ALL	653419.7	4188331	NonCancer	0.00E+00	2.19E-04	5.65E-03	0.00E+00	0.00E+00	5.65E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	5.65E-03
1437	ALL	653656.4	4188435	NonCancer	0.00E+00	2.22E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
1438	ALL	653618.6	4188527	NonCancer	0.00E+00	1.76E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
1439	ALL	653594.5	4188516	NonCancer	0.00E+00	1.67E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
1440	ALL	653570.3	4188505	NonCancer	0.00E+00	1.64E-04	4.27E-03	0.00E+00	0.00E+00	4.27E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.27E-03
1441	ALL	653546.2	4188494	NonCancer	0.00E+00	1.69E-04	4.32E-03	0.00E+00	0.00E+00	4.32E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	4.32E-03
1442	ALL	653522	4188483	NonCancer	0.00E+00	1.90E-04	4.80E-03	0.00E+00	0.00E+00	4.80E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	4.80E-03
1443	ALL	653497.9	4188472	NonCancer	0.00E+00	1.88E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
1444	ALL	653473.8	4188460	NonCancer	0.00E+00	1.88E-04	4.83E-03	0.00E+00	0.00E+00	4.83E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	4.83E-03
1445	ALL	653449.6	4188449	NonCancer	0.00E+00	1.69E-04	4.42E-03	0.00E+00	0.00E+00	4.42E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.42E-03
1446	ALL	653425.5	4188438	NonCancer	0.00E+00	1.67E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
1447	ALL	653401.3	4188427	NonCancer	0.00E+00	1.62E-04	4.18E-03	0.00E+00	0.00E+00	4.18E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	4.18E-03
1448	ALL	653377.2	4188416	NonCancer	0.00E+00	1.67E-04	4.28E-03	0.00E+00	0.00E+00	4.28E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	4.28E-03
1449	ALL	653353	4188405	NonCancer	0.00E+00	1.68E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03

1450	ALL	653644	4188534	NonCancer	0.00E+00	1.70E-04	4.43E-03	0.00E+00	0.00E+00	4.43E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	4.43E-03
1451	ALL	653606.4	4188626	NonCancer	0.00E+00	1.44E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
1452	ALL	653582.6	4188616	NonCancer	0.00E+00	1.40E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
1453	ALL	653558.8	4188605	NonCancer	0.00E+00	1.36E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
1454	ALL	653535.1	4188594	NonCancer	0.00E+00	1.31E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
1455	ALL	653511.3	4188583	NonCancer	0.00E+00	1.37E-04	3.51E-03	0.00E+00	0.00E+00	3.51E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	3.51E-03
1456	ALL	653487.5	4188572	NonCancer	0.00E+00	1.52E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
1457	ALL	653463.7	4188561	NonCancer	0.00E+00	1.55E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
1458	ALL	653439.9	4188550	NonCancer	0.00E+00	1.54E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
1459	ALL	653416.1	4188539	NonCancer	0.00E+00	1.38E-04	3.63E-03	0.00E+00	0.00E+00	3.63E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	3.63E-03
1460	ALL	653392.4	4188528	NonCancer	0.00E+00	1.38E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
1461	ALL	653368.6	4188517	NonCancer	0.00E+00	1.33E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
1462	ALL	653344.8	4188506	NonCancer	0.00E+00	1.31E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
1463	ALL	653321	4188495	NonCancer	0.00E+00	1.33E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
1464	ALL	653297.2	4188484	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
1465	ALL	653273.5	4188473	NonCancer	0.00E+00	1.34E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
1466	ALL	653631.6	4188634	NonCancer	0.00E+00	1.36E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
1467	ALL	653593.8	4188726	NonCancer	0.00E+00	1.19E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1468	ALL	653569.6	4188714	NonCancer	0.00E+00	1.18E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1469	ALL	653545.3	4188703	NonCancer	0.00E+00	1.13E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1470	ALL	653521.1	4188692	NonCancer	0.00E+00	1.11E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
1471	ALL	653496.9	4188681	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
1472	ALL	653472.7	4188670	NonCancer	0.00E+00	1.14E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1473	ALL	653448.5	4188659	NonCancer	0.00E+00	1.28E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
1474	ALL	653424.3	4188648	NonCancer	0.00E+00	1.29E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
1475	ALL	653400.1	4188636	NonCancer	0.00E+00	1.27E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
1476	ALL	653375.9	4188625	NonCancer	0.00E+00	1.20E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
1477	ALL	653351.6	4188614	NonCancer	0.00E+00	1.13E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
1478	ALL	653327.4	4188603	NonCancer	0.00E+00	1.14E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
1479	ALL	653303.2	4188592	NonCancer	0.00E+00	1.09E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1480	ALL	653279	4188581	NonCancer	0.00E+00	1.08E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
1481	ALL	653254.8	4188570	NonCancer	0.00E+00	1.12E-04	2.86E-03	0.00E+00	0.00E+00	2.86E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	2.86E-03
1482	ALL	653230.6	4188558	NonCancer	0.00E+00	1.15E-04	2.94E-03	0.00E+00	0.00E+00	2.94E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.94E-03
1483	ALL	653206.4	4188547	NonCancer	0.00E+00	1.12E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
1484	ALL	653619.1	4188733	NonCancer	0.00E+00	1.15E-04	2.98E-03	0.00E+00	0.00E+00	2.98E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	2.98E-03
1485	ALL	653581.5	4188825	NonCancer	0.00E+00	9.89E-05	2.55E-03	0.00E+00	0.00E+00	2.55E-03	9.89E-05	0.00E+00	9.89E-05	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
1486	ALL	653557.6	4188814	NonCancer	0.00E+00	1.00E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1487	ALL	653533.6	4188803	NonCancer	0.00E+00	9.63E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1488	ALL	653509.7	4188792	NonCancer	0.00E+00	9.67E-05	2.50E-03	0.00E+00	0.00E+00	2.50E-03	9.67E-05	0.00E+00	9.67E-05	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	2.50E-03
1489	ALL	653485.8	4188781	NonCancer	0.00E+00	9.24E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.24E-05	0.00E+00	9.24E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1490	ALL	653461.9	4188770	NonCancer	0.00E+00	9.71E-05	2.47E-03	0.00E+00	0.00E+00	2.47E-03	9.71E-05	0.00E+00	9.71E-05	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	2.47E-03
1491	ALL	653438	4188759	NonCancer	0.00E+00	9.68E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.68E-05	0.00E+00	9.68E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
1492	ALL	653414	4188748	NonCancer	0.00E+00	1.08E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
1493	ALL	653390.1	4188737	NonCancer	0.00E+00	1.10E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
1494	ALL	653366.2	4188726	NonCancer	0.00E+00	1.05E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03
1495	ALL	653342.3	4188715	NonCancer	0.00E+00	1.08E-04	2.76E-03	0.00E+00	0.00E+00	2.76E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	2.76E-03
1496	ALL	653318.3	4188704	NonCancer	0.00E+00	9.63E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
1497	ALL	653294.4	4188693	NonCancer	0.00E+00	9.63E-05	2.46E-03	0.00E+00	0.00E+00	2.46E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
1498	ALL	653270.5	4188682	NonCancer	0.00E+00	9.56E-05	2.46E-03	0.00E+00	0.00E+00	2.46E-03	9.56E-05	0.00E+00	9.56E-05	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
1499	ALL	653246.6	4188671	NonCancer	0.00E+00	9.40E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.40E-05	0.00E+00	9.40E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03

1500	ALL	653222.6	4188660	NonCancer	0.00E+00	9.16E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.16E-05	0.00E+00	9.16E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
1501	ALL	653198.7	4188649	NonCancer	0.00E+00	9.38E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.38E-05	0.00E+00	9.38E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
1502	ALL	653174.8	4188638	NonCancer	0.00E+00	9.77E-05	2.49E-03	0.00E+00	0.00E+00	2.49E-03	9.77E-05	0.00E+00	9.77E-05	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	2.49E-03
1503	ALL	653150.9	4188627	NonCancer	0.00E+00	9.43E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.43E-05	0.00E+00	9.43E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
1504	ALL	653606.7	4188832	NonCancer	0.00E+00	9.82E-05	2.55E-03	0.00E+00	0.00E+00	2.55E-03	9.82E-05	0.00E+00	9.82E-05	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
1505	ALL	653550.3	4189073	NonCancer	0.00E+00	6.86E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.86E-05	0.00E+00	6.86E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1506	ALL	653526.2	4189062	NonCancer	0.00E+00	7.22E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.22E-05	0.00E+00	7.22E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1507	ALL	653502	4189051	NonCancer	0.00E+00	7.14E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.14E-05	0.00E+00	7.14E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1508	ALL	653477.9	4189040	NonCancer	0.00E+00	6.80E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.80E-05	0.00E+00	6.80E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1509	ALL	653453.7	4189028	NonCancer	0.00E+00	6.88E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.88E-05	0.00E+00	6.88E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1510	ALL	653429.6	4189017	NonCancer	0.00E+00	6.70E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.70E-05	0.00E+00	6.70E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
1511	ALL	653405.4	4189006	NonCancer	0.00E+00	6.58E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.58E-05	0.00E+00	6.58E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
1512	ALL	653381.3	4188995	NonCancer	0.00E+00	6.94E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1513	ALL	653357.1	4188984	NonCancer	0.00E+00	6.94E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1514	ALL	653333	4188973	NonCancer	0.00E+00	7.39E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.39E-05	0.00E+00	7.39E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1515	ALL	653308.8	4188962	NonCancer	0.00E+00	7.87E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	7.87E-05	0.00E+00	7.87E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1516	ALL	653284.7	4188951	NonCancer	0.00E+00	7.77E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.77E-05	0.00E+00	7.77E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1517	ALL	653260.5	4188940	NonCancer	0.00E+00	7.47E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.47E-05	0.00E+00	7.47E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1518	ALL	653236.4	4188928	NonCancer	0.00E+00	7.73E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.73E-05	0.00E+00	7.73E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1519	ALL	653212.2	4188917	NonCancer	0.00E+00	6.94E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
1520	ALL	653188.1	4188906	NonCancer	0.00E+00	6.89E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.89E-05	0.00E+00	6.89E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1521	ALL	653164	4188895	NonCancer	0.00E+00	6.90E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.90E-05	0.00E+00	6.90E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1522	ALL	653139.8	4188884	NonCancer	0.00E+00	7.62E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.62E-05	0.00E+00	7.62E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
1523	ALL	653115.7	4188873	NonCancer	0.00E+00	7.92E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	7.92E-05	0.00E+00	7.92E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1524	ALL	653091.5	4188862	NonCancer	0.00E+00	7.24E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1525	ALL	653067.4	4188851	NonCancer	0.00E+00	6.59E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.59E-05	0.00E+00	6.59E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
1526	ALL	653043.2	4188839	NonCancer	0.00E+00	6.73E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
1527	ALL	653019.1	4188828	NonCancer	0.00E+00	6.93E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.93E-05	0.00E+00	6.93E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1528	ALL	652994.9	4188817	NonCancer	0.00E+00	6.73E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
1529	ALL	652970.8	4188806	NonCancer	0.00E+00	6.72E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.72E-05	0.00E+00	6.72E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
1530	ALL	653575.7	4189080	NonCancer	0.00E+00	7.09E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.09E-05	0.00E+00	7.09E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1531	ALL	653519.4	4189321	NonCancer	0.00E+00	5.08E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.08E-05	0.00E+00	5.08E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1532	ALL	653495.5	4189310	NonCancer	0.00E+00	5.29E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
1533	ALL	653471.6	4189299	NonCancer	0.00E+00	5.52E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.52E-05	0.00E+00	5.52E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
1534	ALL	653447.7	4189288	NonCancer	0.00E+00	5.41E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
1535	ALL	653423.8	4189277	NonCancer	0.00E+00	5.16E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1536	ALL	653399.9	4189266	NonCancer	0.00E+00	5.17E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
1537	ALL	653376	4189255	NonCancer	0.00E+00	5.16E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1538	ALL	653352.1	4189244	NonCancer	0.00E+00	5.03E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1539	ALL	653328.2	4189233	NonCancer	0.00E+00	5.02E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
1540	ALL	653304.3	4189222	NonCancer	0.00E+00	5.29E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1541	ALL	653280.4	4189211	NonCancer	0.00E+00	5.31E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
1542	ALL	653256.5	4189200	NonCancer	0.00E+00	5.21E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1543	ALL	653232.6	4189189	NonCancer	0.00E+00	5.86E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
1544	ALL	653208.7	4189178	NonCancer	0.00E+00	5.95E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.95E-05	0.00E+00	5.95E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
1545	ALL	653184.8	4189167	NonCancer	0.00E+00	5.88E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.88E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
1546	ALL	653160.9	4189156	NonCancer	0.00E+00	5.66E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.66E-05	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1547	ALL	653137	4189145	NonCancer	0.00E+00	5.90E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.90E-05	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
1548	ALL	653113.1	4189134	NonCancer	0.00E+00	5.67E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
1549	ALL	653089.2	4189123	NonCancer	0.00E+00	5.16E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03

1550	ALL	653065.3	4189112	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
1551	ALL	653041.4	4189101	NonCancer	0.00E+00	5.29E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1552	ALL	653017.5	4189090	NonCancer	0.00E+00	6.31E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.31E-05	0.00E+00	6.31E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
1553	ALL	652993.6	4189079	NonCancer	0.00E+00	6.84E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
1554	ALL	652969.7	4189068	NonCancer	0.00E+00	6.73E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
1555	ALL	652945.8	4189057	NonCancer	0.00E+00	6.03E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
1556	ALL	652921.9	4189046	NonCancer	0.00E+00	5.07E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.07E-05	0.00E+00	5.07E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1557	ALL	652898	4189035	NonCancer	0.00E+00	5.03E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1558	ALL	652874.1	4189024	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1559	ALL	652850.2	4189013	NonCancer	0.00E+00	5.27E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.27E-05	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1560	ALL	652826.3	4189002	NonCancer	0.00E+00	5.08E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.08E-05	0.00E+00	5.08E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1561	ALL	652802.4	4188991	NonCancer	0.00E+00	5.10E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.10E-05	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1562	ALL	653544.6	4189328	NonCancer	0.00E+00	5.43E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
1563	ALL	653488.3	4189569	NonCancer	0.00E+00	3.92E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1564	ALL	653464.2	4189558	NonCancer	0.00E+00	4.14E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1565	ALL	653440.1	4189547	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
1566	ALL	653416.1	4189536	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
1567	ALL	653392	4189525	NonCancer	0.00E+00	4.27E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
1568	ALL	653368	4189514	NonCancer	0.00E+00	4.07E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1569	ALL	653343.9	4189503	NonCancer	0.00E+00	4.06E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1570	ALL	653319.9	4189492	NonCancer	0.00E+00	4.15E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.15E-05	0.00E+00	4.15E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1571	ALL	653295.8	4189480	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1572	ALL	653271.7	4189469	NonCancer	0.00E+00	3.90E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1573	ALL	653247.7	4189458	NonCancer	0.00E+00	4.01E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1574	ALL	653223.6	4189447	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1575	ALL	653199.6	4189436	NonCancer	0.00E+00	4.22E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
1576	ALL	653175.5	4189425	NonCancer	0.00E+00	4.07E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1577	ALL	653151.4	4189414	NonCancer	0.00E+00	4.50E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1578	ALL	653127.4	4189403	NonCancer	0.00E+00	4.76E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.76E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1579	ALL	653103.3	4189392	NonCancer	0.00E+00	4.75E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.75E-05	0.00E+00	4.75E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1580	ALL	653079.3	4189381	NonCancer	0.00E+00	4.60E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1581	ALL	653055.2	4189370	NonCancer	0.00E+00	4.51E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1582	ALL	653031.2	4189359	NonCancer	0.00E+00	4.69E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.69E-05	0.00E+00	4.69E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
1583	ALL	653007.1	4189348	NonCancer	0.00E+00	4.58E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
1584	ALL	652983	4189337	NonCancer	0.00E+00	4.11E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.11E-05	0.00E+00	4.11E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1585	ALL	652959	4189325	NonCancer	0.00E+00	4.16E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1586	ALL	652934.9	4189314	NonCancer	0.00E+00	4.08E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1587	ALL	652910.9	4189303	NonCancer	0.00E+00	4.78E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.78E-05	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
1588	ALL	652886.8	4189292	NonCancer	0.00E+00	5.59E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1589	ALL	652862.8	4189281	NonCancer	0.00E+00	6.04E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
1590	ALL	652838.7	4189270	NonCancer	0.00E+00	6.04E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
1591	ALL	652814.6	4189259	NonCancer	0.00E+00	5.59E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
1592	ALL	652790.6	4189248	NonCancer	0.00E+00	4.81E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1593	ALL	652766.5	4189237	NonCancer	0.00E+00	4.03E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1594	ALL	652742.5	4189226	NonCancer	0.00E+00	4.05E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.05E-05	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1595	ALL	652718.4	4189215	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
1596	ALL	652694.4	4189204	NonCancer	0.00E+00	4.19E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.19E-05	0.00E+00	4.19E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1597	ALL	652670.3	4189193	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1598	ALL	652646.2	4189181	NonCancer	0.00E+00	4.07E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1599	ALL	653513.5	4189576	NonCancer	0.00E+00	4.34E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03

1600	ALL	653457.1	4189817	NonCancer	0.00E+00	3.26E-05	8.49E-04	0.00E+00	0.00E+00	8.49E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	8.49E-04
1601	ALL	653433	4189806	NonCancer	0.00E+00	3.34E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
1602	ALL	653408.8	4189795	NonCancer	0.00E+00	3.43E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
1603	ALL	653384.6	4189784	NonCancer	0.00E+00	3.61E-05	9.14E-04	0.00E+00	0.00E+00	9.14E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	9.14E-04
1604	ALL	653360.4	4189773	NonCancer	0.00E+00	3.54E-05	9.04E-04	0.00E+00	0.00E+00	9.04E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	9.04E-04
1605	ALL	653336.3	4189761	NonCancer	0.00E+00	3.49E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
1606	ALL	653312.1	4189750	NonCancer	0.00E+00	3.31E-05	8.60E-04	0.00E+00	0.00E+00	8.60E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.60E-04	0.00E+00	0.00E+00	8.60E-04
1607	ALL	653287.9	4189739	NonCancer	0.00E+00	3.29E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.29E-05	0.00E+00	3.29E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
1608	ALL	653263.8	4189728	NonCancer	0.00E+00	3.41E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
1609	ALL	653239.6	4189717	NonCancer	0.00E+00	3.31E-05	8.48E-04	0.00E+00	0.00E+00	8.48E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	8.48E-04
1610	ALL	653215.4	4189706	NonCancer	0.00E+00	3.27E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
1611	ALL	653191.2	4189695	NonCancer	0.00E+00	3.23E-05	8.27E-04	0.00E+00	0.00E+00	8.27E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	8.27E-04
1612	ALL	653167.1	4189684	NonCancer	0.00E+00	3.35E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
1613	ALL	653142.9	4189672	NonCancer	0.00E+00	3.47E-05	8.81E-04	0.00E+00	0.00E+00	8.81E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	8.81E-04
1614	ALL	653118.7	4189661	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
1615	ALL	653094.5	4189650	NonCancer	0.00E+00	3.34E-05	8.57E-04	0.00E+00	0.00E+00	8.57E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	8.57E-04
1616	ALL	653070.4	4189639	NonCancer	0.00E+00	3.56E-05	9.06E-04	0.00E+00	0.00E+00	9.06E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	9.06E-04
1617	ALL	653046.2	4189628	NonCancer	0.00E+00	3.85E-05	9.79E-04	0.00E+00	0.00E+00	9.79E-04	3.85E-05	0.00E+00	3.85E-05	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	9.79E-04
1618	ALL	653022	4189617	NonCancer	0.00E+00	3.89E-05	9.93E-04	0.00E+00	0.00E+00	9.93E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	9.93E-04
1619	ALL	652997.8	4189606	NonCancer	0.00E+00	3.89E-05	9.92E-04	0.00E+00	0.00E+00	9.92E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	9.92E-04
1620	ALL	652973.7	4189595	NonCancer	0.00E+00	3.69E-05	9.50E-04	0.00E+00	0.00E+00	9.50E-04	3.69E-05	0.00E+00	3.69E-05	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	9.50E-04
1621	ALL	652949.5	4189583	NonCancer	0.00E+00	3.70E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
1622	ALL	652925.3	4189572	NonCancer	0.00E+00	3.84E-05	9.76E-04	0.00E+00	0.00E+00	9.76E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	9.76E-04
1623	ALL	652901.1	4189561	NonCancer	0.00E+00	3.80E-05	9.70E-04	0.00E+00	0.00E+00	9.70E-04	3.80E-05	0.00E+00	3.80E-05	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	9.70E-04
1624	ALL	652877	4189550	NonCancer	0.00E+00	3.48E-05	9.03E-04	0.00E+00	0.00E+00	9.03E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04
1625	ALL	652852.8	4189539	NonCancer	0.00E+00	3.34E-05	8.62E-04	0.00E+00	0.00E+00	8.62E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.62E-04	0.00E+00	0.00E+00	8.62E-04
1626	ALL	652828.6	4189528	NonCancer	0.00E+00	3.42E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
1627	ALL	652804.4	4189517	NonCancer	0.00E+00	3.55E-05	9.32E-04	0.00E+00	0.00E+00	9.32E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.32E-04	0.00E+00	0.00E+00	9.32E-04
1628	ALL	652780.3	4189506	NonCancer	0.00E+00	4.36E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.36E-05	0.00E+00	4.36E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
1629	ALL	652756.1	4189494	NonCancer	0.00E+00	5.02E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
1630	ALL	652731.9	4189483	NonCancer	0.00E+00	5.41E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
1631	ALL	652707.7	4189472	NonCancer	0.00E+00	5.47E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.47E-05	0.00E+00	5.47E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1632	ALL	652683.6	4189461	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1633	ALL	652659.4	4189450	NonCancer	0.00E+00	4.62E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1634	ALL	652635.2	4189439	NonCancer	0.00E+00	3.88E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1635	ALL	652611	4189428	NonCancer	0.00E+00	3.30E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
1636	ALL	652586.9	4189416	NonCancer	0.00E+00	3.35E-05	8.68E-04	0.00E+00	0.00E+00	8.68E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	8.68E-04
1637	ALL	652562.7	4189405	NonCancer	0.00E+00	3.38E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
1638	ALL	652538.5	4189394	NonCancer	0.00E+00	3.44E-05	8.75E-04	0.00E+00	0.00E+00	8.75E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	8.75E-04
1639	ALL	652514.4	4189383	NonCancer	0.00E+00	3.34E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
1640	ALL	652490.2	4189372	NonCancer	0.00E+00	3.31E-05	8.46E-04	0.00E+00	0.00E+00	8.46E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	8.46E-04
1641	ALL	652466	4189361	NonCancer	0.00E+00	3.32E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
1642	ALL	653482.5	4189824	NonCancer	0.00E+00	3.57E-05	9.14E-04	0.00E+00	0.00E+00	9.14E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	9.14E-04
1643	ALL	653395.1	4190313	NonCancer	0.00E+00	2.41E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
1644	ALL	653371	4190302	NonCancer	0.00E+00	2.30E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
1645	ALL	653346.9	4190291	NonCancer	0.00E+00	2.41E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
1646	ALL	653322.7	4190280	NonCancer	0.00E+00	2.45E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
1647	ALL	653298.6	4190269	NonCancer	0.00E+00	2.58E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
1648	ALL	653274.5	4190258	NonCancer	0.00E+00	2.59E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
1649	ALL	653250.4	4190247	NonCancer	0.00E+00	2.51E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04

1650	ALL	653226.3	4190236	NonCancer	0.00E+00	2.48E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
1651	ALL	653202.2	4190224	NonCancer	0.00E+00	2.36E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
1652	ALL	653178.1	4190213	NonCancer	0.00E+00	2.59E-05	6.58E-04	0.00E+00	0.00E+00	6.58E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	6.58E-04
1653	ALL	653154	4190202	NonCancer	0.00E+00	2.78E-05	7.00E-04	0.00E+00	0.00E+00	7.00E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	7.00E-04
1654	ALL	653129.9	4190191	NonCancer	0.00E+00	2.82E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
1655	ALL	653105.8	4190180	NonCancer	0.00E+00	2.70E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
1656	ALL	653081.7	4190169	NonCancer	0.00E+00	2.42E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
1657	ALL	653057.6	4190158	NonCancer	0.00E+00	2.31E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
1658	ALL	653033.5	4190147	NonCancer	0.00E+00	2.35E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
1659	ALL	653009.4	4190136	NonCancer	0.00E+00	2.45E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
1660	ALL	652985.2	4190125	NonCancer	0.00E+00	2.50E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
1661	ALL	652961.1	4190113	NonCancer	0.00E+00	2.50E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
1662	ALL	652937	4190102	NonCancer	0.00E+00	2.47E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
1663	ALL	652912.9	4190091	NonCancer	0.00E+00	2.44E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
1664	ALL	652888.8	4190080	NonCancer	0.00E+00	2.86E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
1665	ALL	652864.7	4190069	NonCancer	0.00E+00	3.13E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
1666	ALL	652840.6	4190058	NonCancer	0.00E+00	3.20E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
1667	ALL	652816.5	4190047	NonCancer	0.00E+00	3.06E-05	7.79E-04	0.00E+00	0.00E+00	7.79E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	7.79E-04
1668	ALL	652792.4	4190036	NonCancer	0.00E+00	2.79E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.79E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
1669	ALL	652768.3	4190025	NonCancer	0.00E+00	2.60E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
1670	ALL	652744.2	4190014	NonCancer	0.00E+00	2.66E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
1671	ALL	652720.1	4190003	NonCancer	0.00E+00	2.73E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
1672	ALL	652696	4189991	NonCancer	0.00E+00	2.78E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
1673	ALL	652671.9	4189980	NonCancer	0.00E+00	2.67E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
1674	ALL	652647.8	4189969	NonCancer	0.00E+00	2.44E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
1675	ALL	652623.6	4189958	NonCancer	0.00E+00	2.68E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
1676	ALL	652599.5	4189947	NonCancer	0.00E+00	2.87E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.87E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
1677	ALL	652575.4	4189936	NonCancer	0.00E+00	2.84E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.84E-05	0.00E+00	2.84E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
1678	ALL	652551.3	4189925	NonCancer	0.00E+00	2.96E-05	7.77E-04	0.00E+00	0.00E+00	7.77E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	7.77E-04
1679	ALL	652527.2	4189914	NonCancer	0.00E+00	3.54E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
1680	ALL	652503.1	4189903	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1681	ALL	652479	4189892	NonCancer	0.00E+00	4.41E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
1682	ALL	652454.9	4189880	NonCancer	0.00E+00	4.59E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.59E-05	0.00E+00	4.59E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
1683	ALL	652430.8	4189869	NonCancer	0.00E+00	4.57E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1684	ALL	652406.7	4189858	NonCancer	0.00E+00	4.34E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
1685	ALL	652382.6	4189847	NonCancer	0.00E+00	3.94E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1686	ALL	652358.5	4189836	NonCancer	0.00E+00	3.43E-05	9.02E-04	0.00E+00	0.00E+00	9.02E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	9.02E-04
1687	ALL	652334.4	4189825	NonCancer	0.00E+00	2.85E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	2.85E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
1688	ALL	652310.3	4189814	NonCancer	0.00E+00	2.42E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
1689	ALL	652286.1	4189803	NonCancer	0.00E+00	2.41E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
1690	ALL	652262	4189792	NonCancer	0.00E+00	2.45E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
1691	ALL	652237.9	4189781	NonCancer	0.00E+00	2.44E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
1692	ALL	652213.8	4189769	NonCancer	0.00E+00	2.47E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
1693	ALL	652189.7	4189758	NonCancer	0.00E+00	2.39E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
1694	ALL	652165.6	4189747	NonCancer	0.00E+00	2.36E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
1695	ALL	652141.5	4189736	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
1696	ALL	653420.4	4190320	NonCancer	0.00E+00	2.58E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
1697	ALL	653332.9	4190809	NonCancer	0.00E+00	1.88E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
1698	ALL	653308.6	4190798	NonCancer	0.00E+00	1.72E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
1699	ALL	653284.4	4190787	NonCancer	0.00E+00	1.78E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04

1700	ALL	653260.1	4190776	NonCancer	0.00E+00	1.84E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
1701	ALL	653235.9	4190765	NonCancer	0.00E+00	1.87E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1702	ALL	653211.6	4190754	NonCancer	0.00E+00	1.97E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
1703	ALL	653187.4	4190742	NonCancer	0.00E+00	1.99E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
1704	ALL	653163.1	4190731	NonCancer	0.00E+00	1.94E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
1705	ALL	653138.9	4190720	NonCancer	0.00E+00	1.91E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1706	ALL	653114.6	4190709	NonCancer	0.00E+00	1.87E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
1707	ALL	653090.4	4190698	NonCancer	0.00E+00	1.90E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1708	ALL	653066.1	4190687	NonCancer	0.00E+00	2.15E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
1709	ALL	653041.9	4190675	NonCancer	0.00E+00	2.34E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
1710	ALL	653017.6	4190664	NonCancer	0.00E+00	2.43E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
1711	ALL	652993.4	4190653	NonCancer	0.00E+00	2.41E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
1712	ALL	652969.1	4190642	NonCancer	0.00E+00	2.27E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
1713	ALL	652944.9	4190631	NonCancer	0.00E+00	2.05E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
1714	ALL	652920.6	4190620	NonCancer	0.00E+00	1.83E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
1715	ALL	652896.4	4190608	NonCancer	0.00E+00	1.80E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1716	ALL	652872.1	4190597	NonCancer	0.00E+00	1.80E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
1717	ALL	652847.9	4190586	NonCancer	0.00E+00	1.90E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
1718	ALL	652823.6	4190575	NonCancer	0.00E+00	1.91E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
1719	ALL	652799.4	4190564	NonCancer	0.00E+00	1.91E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
1720	ALL	652775.1	4190553	NonCancer	0.00E+00	1.90E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
1721	ALL	652750.9	4190541	NonCancer	0.00E+00	1.88E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1722	ALL	652726.6	4190530	NonCancer	0.00E+00	2.25E-05	5.74E-04	0.00E+00	0.00E+00	5.74E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	5.74E-04
1723	ALL	652702.4	4190519	NonCancer	0.00E+00	2.55E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04
1724	ALL	652678.1	4190508	NonCancer	0.00E+00	2.73E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
1725	ALL	652653.9	4190497	NonCancer	0.00E+00	2.78E-05	7.02E-04	0.00E+00	0.00E+00	7.02E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	7.02E-04
1726	ALL	652629.6	4190486	NonCancer	0.00E+00	2.68E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
1727	ALL	652605.4	4190474	NonCancer	0.00E+00	2.45E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
1728	ALL	652581.1	4190463	NonCancer	0.00E+00	2.13E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
1729	ALL	652556.9	4190452	NonCancer	0.00E+00	2.00E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
1730	ALL	652532.6	4190441	NonCancer	0.00E+00	2.04E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
1731	ALL	652508.4	4190430	NonCancer	0.00E+00	2.08E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
1732	ALL	652484.1	4190419	NonCancer	0.00E+00	2.13E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
1733	ALL	652459.9	4190407	NonCancer	0.00E+00	2.08E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
1734	ALL	652435.6	4190396	NonCancer	0.00E+00	1.96E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
1735	ALL	652411.4	4190385	NonCancer	0.00E+00	2.07E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04
1736	ALL	652387.1	4190374	NonCancer	0.00E+00	2.35E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
1737	ALL	652362.9	4190363	NonCancer	0.00E+00	2.50E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
1738	ALL	652338.6	4190352	NonCancer	0.00E+00	2.48E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
1739	ALL	652314.4	4190340	NonCancer	0.00E+00	2.35E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
1740	ALL	652290.1	4190329	NonCancer	0.00E+00	2.68E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
1741	ALL	652265.9	4190318	NonCancer	0.00E+00	3.11E-05	8.02E-04	0.00E+00	0.00E+00	8.02E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
1742	ALL	652241.6	4190307	NonCancer	0.00E+00	3.49E-05	8.90E-04	0.00E+00	0.00E+00	8.90E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.90E-04	0.00E+00	0.00E+00	8.90E-04
1743	ALL	652217.4	4190296	NonCancer	0.00E+00	3.78E-05	9.57E-04	0.00E+00	0.00E+00	9.57E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	9.57E-04
1744	ALL	652193.1	4190285	NonCancer	0.00E+00	3.95E-05	9.97E-04	0.00E+00	0.00E+00	9.97E-04	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	9.97E-04
1745	ALL	652168.9	4190274	NonCancer	0.00E+00	3.98E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1746	ALL	652144.6	4190262	NonCancer	0.00E+00	3.87E-05	9.82E-04	0.00E+00	0.00E+00	9.82E-04	3.87E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	9.82E-04
1747	ALL	652120.4	4190251	NonCancer	0.00E+00	3.64E-05	9.30E-04	0.00E+00	0.00E+00	9.30E-04	3.64E-05	0.00E+00	3.64E-05	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.30E-04
1748	ALL	652096.1	4190240	NonCancer	0.00E+00	3.30E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
1749	ALL	652071.9	4190229	NonCancer	0.00E+00	2.89E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04

1750	ALL	652047.6	4190218	NonCancer	0.00E+00	2.45E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
1751	ALL	652023.4	4190207	NonCancer	0.00E+00	2.01E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
1752	ALL	651999.1	4190195	NonCancer	0.00E+00	1.86E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
1753	ALL	651974.9	4190184	NonCancer	0.00E+00	1.87E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
1754	ALL	651950.6	4190173	NonCancer	0.00E+00	1.88E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
1755	ALL	651926.4	4190162	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
1756	ALL	651902.1	4190151	NonCancer	0.00E+00	1.89E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
1757	ALL	651877.9	4190140	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
1758	ALL	651853.6	4190128	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
1759	ALL	651829.4	4190117	NonCancer	0.00E+00	1.81E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
1760	ALL	651805.1	4190106	NonCancer	0.00E+00	1.83E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1761	ALL	653358.3	4190817	NonCancer	0.00E+00	1.98E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
1762	ALL	653270.8	4191305	NonCancer	0.00E+00	1.52E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
1763	ALL	653246.6	4191294	NonCancer	0.00E+00	1.41E-05	3.67E-04	0.00E+00	0.00E+00	3.67E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
1764	ALL	653222.4	4191283	NonCancer	0.00E+00	1.36E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
1765	ALL	653198.2	4191272	NonCancer	0.00E+00	1.42E-05	3.63E-04	0.00E+00	0.00E+00	3.63E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	3.63E-04
1766	ALL	653174	4191261	NonCancer	0.00E+00	1.47E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
1767	ALL	653149.8	4191250	NonCancer	0.00E+00	1.49E-05	3.79E-04	0.00E+00	0.00E+00	3.79E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	3.79E-04
1768	ALL	653125.7	4191239	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
1769	ALL	653101.5	4191228	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
1770	ALL	653077.3	4191216	NonCancer	0.00E+00	1.57E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
1771	ALL	653053.1	4191205	NonCancer	0.00E+00	1.51E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
1772	ALL	653028.9	4191194	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
1773	ALL	653004.7	4191183	NonCancer	0.00E+00	1.47E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
1774	ALL	652980.5	4191172	NonCancer	0.00E+00	1.63E-05	4.19E-04	0.00E+00	0.00E+00	4.19E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	4.19E-04
1775	ALL	652956.3	4191161	NonCancer	0.00E+00	1.85E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
1776	ALL	652932.1	4191150	NonCancer	0.00E+00	2.02E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
1777	ALL	652907.9	4191138	NonCancer	0.00E+00	2.13E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
1778	ALL	652883.7	4191127	NonCancer	0.00E+00	2.17E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
1779	ALL	652859.6	4191116	NonCancer	0.00E+00	2.12E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
1780	ALL	652835.4	4191105	NonCancer	0.00E+00	2.00E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
1781	ALL	652811.2	4191094	NonCancer	0.00E+00	1.81E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
1782	ALL	652787	4191083	NonCancer	0.00E+00	1.63E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
1783	ALL	652762.8	4191072	NonCancer	0.00E+00	1.59E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
1784	ALL	652738.6	4191060	NonCancer	0.00E+00	1.49E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
1785	ALL	652714.4	4191049	NonCancer	0.00E+00	1.47E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
1786	ALL	652690.2	4191038	NonCancer	0.00E+00	1.53E-05	3.86E-04	0.00E+00	0.00E+00	3.86E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	3.86E-04
1787	ALL	652666	4191027	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
1788	ALL	652641.8	4191016	NonCancer	0.00E+00	1.52E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
1789	ALL	652617.6	4191005	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
1790	ALL	652593.4	4190994	NonCancer	0.00E+00	1.50E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
1791	ALL	652569.3	4190983	NonCancer	0.00E+00	1.75E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
1792	ALL	652545.1	4190971	NonCancer	0.00E+00	2.03E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
1793	ALL	652520.9	4190960	NonCancer	0.00E+00	2.27E-05	5.73E-04	0.00E+00	0.00E+00	5.73E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	5.73E-04
1794	ALL	652496.7	4190949	NonCancer	0.00E+00	2.42E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
1795	ALL	652472.5	4190938	NonCancer	0.00E+00	2.47E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
1796	ALL	652448.3	4190927	NonCancer	0.00E+00	2.42E-05	6.14E-04	0.00E+00	0.00E+00	6.14E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	6.14E-04
1797	ALL	652424.1	4190916	NonCancer	0.00E+00	2.28E-05	5.82E-04	0.00E+00	0.00E+00	5.82E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	5.82E-04
1798	ALL	652399.9	4190905	NonCancer	0.00E+00	2.05E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
1799	ALL	652375.7	4190893	NonCancer	0.00E+00	1.77E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04

1800	ALL	652351.5	4190882	NonCancer	0.00E+00	1.61E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
1801	ALL	652327.3	4190871	NonCancer	0.00E+00	1.64E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
1802	ALL	652303.2	4190860	NonCancer	0.00E+00	1.64E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
1803	ALL	652279	4190849	NonCancer	0.00E+00	1.69E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
1804	ALL	652254.8	4190838	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
1805	ALL	652230.6	4190827	NonCancer	0.00E+00	1.63E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
1806	ALL	652206.4	4190815	NonCancer	0.00E+00	1.53E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
1807	ALL	652182.2	4190804	NonCancer	0.00E+00	1.80E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
1808	ALL	652158	4190793	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1809	ALL	652133.8	4190782	NonCancer	0.00E+00	2.19E-05	5.52E-04	0.00E+00	0.00E+00	5.52E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	5.52E-04
1810	ALL	652109.6	4190771	NonCancer	0.00E+00	2.23E-05	5.63E-04	0.00E+00	0.00E+00	5.63E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	5.63E-04
1811	ALL	652085.4	4190760	NonCancer	0.00E+00	2.16E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
1812	ALL	652061.2	4190749	NonCancer	0.00E+00	2.02E-05	5.34E-04	0.00E+00	0.00E+00	5.34E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
1813	ALL	652037	4190738	NonCancer	0.00E+00	2.32E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
1814	ALL	652012.9	4190726	NonCancer	0.00E+00	2.66E-05	6.90E-04	0.00E+00	0.00E+00	6.90E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	6.90E-04
1815	ALL	651988.7	4190715	NonCancer	0.00E+00	2.98E-05	7.63E-04	0.00E+00	0.00E+00	7.63E-04	2.98E-05	0.00E+00	2.98E-05	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
1816	ALL	651964.5	4190704	NonCancer	0.00E+00	3.24E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
1817	ALL	651940.3	4190693	NonCancer	0.00E+00	3.43E-05	8.65E-04	0.00E+00	0.00E+00	8.65E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	8.65E-04
1818	ALL	651916.1	4190682	NonCancer	0.00E+00	3.52E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
1819	ALL	651891.9	4190671	NonCancer	0.00E+00	3.51E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
1820	ALL	651867.7	4190660	NonCancer	0.00E+00	3.41E-05	8.64E-04	0.00E+00	0.00E+00	8.64E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	8.64E-04
1821	ALL	651843.5	4190648	NonCancer	0.00E+00	3.21E-05	8.22E-04	0.00E+00	0.00E+00	8.22E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	8.22E-04
1822	ALL	651819.3	4190637	NonCancer	0.00E+00	2.95E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
1823	ALL	651795.1	4190626	NonCancer	0.00E+00	2.63E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
1824	ALL	651770.9	4190615	NonCancer	0.00E+00	2.29E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
1825	ALL	651746.8	4190604	NonCancer	0.00E+00	1.94E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
1826	ALL	651722.6	4190593	NonCancer	0.00E+00	1.60E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
1827	ALL	651698.4	4190582	NonCancer	0.00E+00	1.50E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
1828	ALL	651674.2	4190570	NonCancer	0.00E+00	1.49E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
1829	ALL	651650	4190559	NonCancer	0.00E+00	1.50E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
1830	ALL	651625.8	4190548	NonCancer	0.00E+00	1.48E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
1831	ALL	651601.6	4190537	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
1832	ALL	651577.4	4190526	NonCancer	0.00E+00	1.50E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
1833	ALL	651553.2	4190515	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
1834	ALL	651529	4190504	NonCancer	0.00E+00	1.44E-05	3.67E-04	0.00E+00	0.00E+00	3.67E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
1835	ALL	651504.8	4190493	NonCancer	0.00E+00	1.43E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
1836	ALL	651480.7	4190481	NonCancer	0.00E+00	1.46E-05	3.71E-04	0.00E+00	0.00E+00	3.71E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	3.71E-04
1837	ALL	651456.5	4190470	NonCancer	0.00E+00	1.45E-05	3.69E-04	0.00E+00	0.00E+00	3.69E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
1838	ALL	653296.2	4191313	NonCancer	0.00E+00	1.58E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
1839	ALL	653208.7	4191802	NonCancer	0.00E+00	1.25E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1840	ALL	653184.6	4191791	NonCancer	0.00E+00	1.18E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
1841	ALL	653160.4	4191779	NonCancer	0.00E+00	1.12E-05	2.90E-04	0.00E+00	0.00E+00	2.90E-04	1.12E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	2.90E-04
1842	ALL	653136.3	4191768	NonCancer	0.00E+00	1.13E-05	2.91E-04	0.00E+00	0.00E+00	2.91E-04	1.13E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	2.91E-04
1843	ALL	653112.1	4191757	NonCancer	0.00E+00	1.17E-05	2.99E-04	0.00E+00	0.00E+00	2.99E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.99E-04
1844	ALL	653088	4191746	NonCancer	0.00E+00	1.21E-05	3.07E-04	0.00E+00	0.00E+00	3.07E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
1845	ALL	653063.8	4191735	NonCancer	0.00E+00	1.26E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1846	ALL	653039.7	4191724	NonCancer	0.00E+00	1.33E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
1847	ALL	653015.5	4191713	NonCancer	0.00E+00	1.36E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
1848	ALL	652991.4	4191702	NonCancer	0.00E+00	1.36E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
1849	ALL	652967.2	4191690	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04

1850	ALL	652943.1	4191679	NonCancer	0.00E+00	1.25E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1851	ALL	652918.9	4191668	NonCancer	0.00E+00	1.23E-05	3.15E-04	0.00E+00	0.00E+00	3.15E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
1852	ALL	652894.8	4191657	NonCancer	0.00E+00	1.22E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1853	ALL	652870.6	4191646	NonCancer	0.00E+00	1.42E-05	3.67E-04	0.00E+00	0.00E+00	3.67E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	3.67E-04
1854	ALL	652846.5	4191635	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
1855	ALL	652822.4	4191624	NonCancer	0.00E+00	1.77E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
1856	ALL	652798.2	4191613	NonCancer	0.00E+00	1.88E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
1857	ALL	652774.1	4191602	NonCancer	0.00E+00	1.94E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
1858	ALL	652749.9	4191590	NonCancer	0.00E+00	1.95E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
1859	ALL	652725.8	4191579	NonCancer	0.00E+00	1.89E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
1860	ALL	652701.6	4191568	NonCancer	0.00E+00	1.78E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
1861	ALL	652677.5	4191557	NonCancer	0.00E+00	1.63E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
1862	ALL	652653.3	4191546	NonCancer	0.00E+00	1.47E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
1863	ALL	652629.2	4191535	NonCancer	0.00E+00	1.45E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
1864	ALL	652605	4191524	NonCancer	0.00E+00	1.39E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
1865	ALL	652580.9	4191513	NonCancer	0.00E+00	1.28E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
1866	ALL	652556.7	4191501	NonCancer	0.00E+00	1.23E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
1867	ALL	652532.6	4191490	NonCancer	0.00E+00	1.26E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1868	ALL	652508.4	4191479	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
1869	ALL	652484.3	4191468	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
1870	ALL	652460.1	4191457	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
1871	ALL	652436	4191446	NonCancer	0.00E+00	1.25E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
1872	ALL	652411.8	4191435	NonCancer	0.00E+00	1.38E-05	3.63E-04	0.00E+00	0.00E+00	3.63E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	3.63E-04
1873	ALL	652387.7	4191424	NonCancer	0.00E+00	1.63E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
1874	ALL	652363.5	4191413	NonCancer	0.00E+00	1.86E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
1875	ALL	652339.4	4191401	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1876	ALL	652315.2	4191390	NonCancer	0.00E+00	2.17E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
1877	ALL	652291.1	4191379	NonCancer	0.00E+00	2.23E-05	5.62E-04	0.00E+00	0.00E+00	5.62E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04
1878	ALL	652266.9	4191368	NonCancer	0.00E+00	2.21E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
1879	ALL	652242.8	4191357	NonCancer	0.00E+00	2.11E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
1880	ALL	652218.7	4191346	NonCancer	0.00E+00	1.95E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
1881	ALL	652194.5	4191335	NonCancer	0.00E+00	1.74E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
1882	ALL	652170.4	4191324	NonCancer	0.00E+00	1.50E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
1883	ALL	652146.2	4191313	NonCancer	0.00E+00	1.34E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
1884	ALL	652122.1	4191301	NonCancer	0.00E+00	1.36E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
1885	ALL	652097.9	4191290	NonCancer	0.00E+00	1.34E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
1886	ALL	652073.8	4191279	NonCancer	0.00E+00	1.38E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
1887	ALL	652049.6	4191268	NonCancer	0.00E+00	1.40E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
1888	ALL	652025.5	4191257	NonCancer	0.00E+00	1.37E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
1889	ALL	652001.3	4191246	NonCancer	0.00E+00	1.32E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1890	ALL	651977.2	4191235	NonCancer	0.00E+00	1.36E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
1891	ALL	651953	4191224	NonCancer	0.00E+00	1.60E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
1892	ALL	651928.9	4191212	NonCancer	0.00E+00	1.80E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
1893	ALL	651904.7	4191201	NonCancer	0.00E+00	1.95E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
1894	ALL	651880.6	4191190	NonCancer	0.00E+00	2.01E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
1895	ALL	651856.4	4191179	NonCancer	0.00E+00	1.99E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
1896	ALL	651832.3	4191168	NonCancer	0.00E+00	1.90E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
1897	ALL	651808.1	4191157	NonCancer	0.00E+00	1.76E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
1898	ALL	651784	4191146	NonCancer	0.00E+00	2.04E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
1899	ALL	651759.8	4191135	NonCancer	0.00E+00	2.32E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04

1900	ALL	651735.7	4191124	NonCancer	0.00E+00	2.59E-05	6.65E-04	0.00E+00	0.00E+00	6.65E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	6.65E-04
1901	ALL	651711.5	4191112	NonCancer	0.00E+00	2.81E-05	7.17E-04	0.00E+00	0.00E+00	7.17E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	7.17E-04
1902	ALL	651687.4	4191101	NonCancer	0.00E+00	2.99E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
1903	ALL	651663.2	4191090	NonCancer	0.00E+00	3.10E-05	7.83E-04	0.00E+00	0.00E+00	7.83E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	7.83E-04
1904	ALL	651639.1	4191079	NonCancer	0.00E+00	3.15E-05	7.94E-04	0.00E+00	0.00E+00	7.94E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	7.94E-04
1905	ALL	651615	4191068	NonCancer	0.00E+00	3.11E-05	7.87E-04	0.00E+00	0.00E+00	7.87E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	7.87E-04
1906	ALL	651590.8	4191057	NonCancer	0.00E+00	3.01E-05	7.64E-04	0.00E+00	0.00E+00	7.64E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	7.64E-04
1907	ALL	651566.7	4191046	NonCancer	0.00E+00	2.84E-05	7.26E-04	0.00E+00	0.00E+00	7.26E-04	2.84E-05	0.00E+00	2.84E-05	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	7.26E-04
1908	ALL	651542.5	4191035	NonCancer	0.00E+00	2.62E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
1909	ALL	651518.4	4191023	NonCancer	0.00E+00	2.37E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
1910	ALL	651494.2	4191012	NonCancer	0.00E+00	2.10E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
1911	ALL	651470.1	4191001	NonCancer	0.00E+00	1.82E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
1912	ALL	651445.9	4190990	NonCancer	0.00E+00	1.55E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
1913	ALL	651421.8	4190979	NonCancer	0.00E+00	1.29E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
1914	ALL	651397.6	4190968	NonCancer	0.00E+00	1.23E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
1915	ALL	651373.5	4190957	NonCancer	0.00E+00	1.22E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
1916	ALL	651349.3	4190946	NonCancer	0.00E+00	1.23E-05	3.23E-04	0.00E+00	0.00E+00	3.23E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	3.23E-04
1917	ALL	651325.2	4190935	NonCancer	0.00E+00	1.23E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
1918	ALL	651301	4190923	NonCancer	0.00E+00	1.21E-05	3.08E-04	0.00E+00	0.00E+00	3.08E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1919	ALL	651276.9	4190912	NonCancer	0.00E+00	1.23E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
1920	ALL	651252.7	4190901	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
1921	ALL	651228.6	4190890	NonCancer	0.00E+00	1.20E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
1922	ALL	651204.4	4190879	NonCancer	0.00E+00	1.18E-05	3.00E-04	0.00E+00	0.00E+00	3.00E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	3.00E-04
1923	ALL	651180.3	4190868	NonCancer	0.00E+00	1.17E-05	2.98E-04	0.00E+00	0.00E+00	2.98E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1924	ALL	651156.1	4190857	NonCancer	0.00E+00	1.20E-05	3.04E-04	0.00E+00	0.00E+00	3.04E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
1925	ALL	651132	4190846	NonCancer	0.00E+00	1.20E-05	3.05E-04	0.00E+00	0.00E+00	3.05E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
1926	ALL	653234.1	4191809	NonCancer	0.00E+00	1.30E-05	3.32E-04	0.00E+00	0.00E+00	3.32E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04
1927	ALL	653712.3	4188014	NonCancer	0.00E+00	2.67E-03	7.64E-02	0.00E+00	0.00E+00	7.64E-02	2.67E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	7.64E-02	0.00E+00	0.00E+00	7.64E-02
1928	ALL	653736.8	4188014	NonCancer	0.00E+00	2.61E-03	7.11E-02	0.00E+00	0.00E+00	7.11E-02	2.61E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	7.11E-02	0.00E+00	0.00E+00	7.11E-02
1929	ALL	653761.4	4188014	NonCancer	0.00E+00	2.65E-03	6.80E-02	0.00E+00	0.00E+00	6.80E-02	2.65E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	6.80E-02	0.00E+00	0.00E+00	6.80E-02
1930	ALL	653785.9	4188014	NonCancer	0.00E+00	2.35E-03	5.85E-02	0.00E+00	0.00E+00	5.85E-02	2.35E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	5.85E-02	0.00E+00	0.00E+00	5.85E-02
1931	ALL	653810.5	4188014	NonCancer	0.00E+00	2.07E-03	5.04E-02	0.00E+00	0.00E+00	5.04E-02	2.07E-03	0.00E+00	2.07E-03	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	5.04E-02
1932	ALL	653736.8	4188039	NonCancer	0.00E+00	2.00E-03	5.46E-02	0.00E+00	0.00E+00	5.46E-02	2.00E-03	0.00E+00	2.00E-03	0.00E+00	0.00E+00	5.46E-02	0.00E+00	0.00E+00	5.46E-02
1933	ALL	653761.4	4188039	NonCancer	0.00E+00	2.01E-03	5.26E-02	0.00E+00	0.00E+00	5.26E-02	2.01E-03	0.00E+00	2.01E-03	0.00E+00	0.00E+00	5.26E-02	0.00E+00	0.00E+00	5.26E-02
1934	ALL	653785.9	4188039	NonCancer	0.00E+00	1.82E-03	4.65E-02	0.00E+00	0.00E+00	4.65E-02	1.82E-03	0.00E+00	1.82E-03	0.00E+00	0.00E+00	4.65E-02	0.00E+00	0.00E+00	4.65E-02
1935	ALL	653810.5	4188039	NonCancer	0.00E+00	1.55E-03	3.89E-02	0.00E+00	0.00E+00	3.89E-02	1.55E-03	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	3.89E-02
1936	ALL	653736.8	4188064	NonCancer	0.00E+00	1.56E-03	4.19E-02	0.00E+00	0.00E+00	4.19E-02	1.56E-03	0.00E+00	1.56E-03	0.00E+00	0.00E+00	4.19E-02	0.00E+00	0.00E+00	4.19E-02
1937	ALL	653761.4	4188064	NonCancer	0.00E+00	1.49E-03	3.95E-02	0.00E+00	0.00E+00	3.95E-02	1.49E-03	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.95E-02	0.00E+00	0.00E+00	3.95E-02
1938	ALL	653785.9	4188064	NonCancer	0.00E+00	1.36E-03	3.54E-02	0.00E+00	0.00E+00	3.54E-02	1.36E-03	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.54E-02	0.00E+00	0.00E+00	3.54E-02
1939	ALL	653810.5	4188064	NonCancer	0.00E+00	1.32E-03	3.34E-02	0.00E+00	0.00E+00	3.34E-02	1.32E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	3.34E-02
1940	ALL	653736.8	4188089	NonCancer	0.00E+00	1.25E-03	3.33E-02	0.00E+00	0.00E+00	3.33E-02	1.25E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	3.33E-02
1941	ALL	653761.4	4188089	NonCancer	0.00E+00	1.20E-03	3.16E-02	0.00E+00	0.00E+00	3.16E-02	1.20E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.16E-02	0.00E+00	0.00E+00	3.16E-02
1942	ALL	653785.9	4188089	NonCancer	0.00E+00	1.19E-03	3.10E-02	0.00E+00	0.00E+00	3.10E-02	1.19E-03	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.10E-02
1943	ALL	653810.5	4188089	NonCancer	0.00E+00	1.11E-03	2.82E-02	0.00E+00	0.00E+00	2.82E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.82E-02	0.00E+00	0.00E+00	2.82E-02
1944	ALL	653736.8	4188139	NonCancer	0.00E+00	8.69E-04	2.30E-02	0.00E+00	0.00E+00	2.30E-02	8.69E-04	0.00E+00	8.69E-04	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	2.30E-02
1945	ALL	653761.4	4188139	NonCancer	0.00E+00	7.94E-04	2.11E-02	0.00E+00	0.00E+00	2.11E-02	7.94E-04	0.00E+00	7.94E-04	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	2.11E-02
1946	ALL	653785.9	4188139	NonCancer	0.00E+00	8.08E-04	2.10E-02	0.00E+00	0.00E+00	2.10E-02	8.08E-04	0.00E+00	8.08E-04	0.00E+00	0.00E+00	2.10E-02	0.00E+00	0.00E+00	2.10E-02
1947	ALL	653810.5	4188139	NonCancer	0.00E+00	7.66E-04	1.98E-02	0.00E+00	0.00E+00	1.98E-02	7.66E-04	0.00E+00	7.66E-04	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.98E-02
1948	ALL	653712.3	4188189	NonCancer	0.00E+00	6.26E-04	1.65E-02	0.00E+00	0.00E+00	1.65E-02	6.26E-04	0.00E+00	6.26E-04	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.65E-02
1949	ALL	653736.8	4188189	NonCancer	0.00E+00	6.45E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.45E-04	0.00E+00	6.45E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02

1950	ALL	653761.4	4188189	NonCancer	0.00E+00	5.58E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.58E-04	0.00E+00	5.58E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1951	ALL	653785.9	4188189	NonCancer	0.00E+00	6.16E-04	1.60E-02	0.00E+00	0.00E+00	1.60E-02	6.16E-04	0.00E+00	6.16E-04	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	1.60E-02
1952	ALL	653810.5	4188189	NonCancer	0.00E+00	5.71E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.71E-04	0.00E+00	5.71E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
1953	ALL	653712.3	4188239	NonCancer	0.00E+00	4.80E-04	1.26E-02	0.00E+00	0.00E+00	1.26E-02	4.80E-04	0.00E+00	4.80E-04	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1954	ALL	653736.8	4188239	NonCancer	0.00E+00	5.02E-04	1.28E-02	0.00E+00	0.00E+00	1.28E-02	5.02E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.28E-02
1955	ALL	653761.4	4188239	NonCancer	0.00E+00	4.40E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.40E-04	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
1956	ALL	653785.9	4188239	NonCancer	0.00E+00	4.71E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.71E-04	0.00E+00	4.71E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
1957	ALL	653810.5	4188239	NonCancer	0.00E+00	4.62E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.62E-04	0.00E+00	4.62E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02
1958	ALL	653712.3	4188289	NonCancer	0.00E+00	3.75E-04	9.89E-03	0.00E+00	0.00E+00	9.89E-03	3.75E-04	0.00E+00	3.75E-04	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	9.89E-03
1959	ALL	653736.8	4188289	NonCancer	0.00E+00	4.07E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.07E-04	0.00E+00	4.07E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
1960	ALL	653761.4	4188289	NonCancer	0.00E+00	3.69E-04	9.71E-03	0.00E+00	0.00E+00	9.71E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.71E-03	0.00E+00	0.00E+00	9.71E-03
1961	ALL	653785.9	4188289	NonCancer	0.00E+00	3.61E-04	9.42E-03	0.00E+00	0.00E+00	9.42E-03	3.61E-04	0.00E+00	3.61E-04	0.00E+00	0.00E+00	9.42E-03	0.00E+00	0.00E+00	9.42E-03
1962	ALL	653810.5	4188289	NonCancer	0.00E+00	3.85E-04	9.91E-03	0.00E+00	0.00E+00	9.91E-03	3.85E-04	0.00E+00	3.85E-04	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	9.91E-03
1963	ALL	653712.3	4188339	NonCancer	0.00E+00	3.09E-04	8.13E-03	0.00E+00	0.00E+00	8.13E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	8.13E-03	0.00E+00	0.00E+00	8.13E-03
1964	ALL	653736.8	4188339	NonCancer	0.00E+00	3.40E-04	8.61E-03	0.00E+00	0.00E+00	8.61E-03	3.40E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	8.61E-03	0.00E+00	0.00E+00	8.61E-03
1965	ALL	653761.4	4188339	NonCancer	0.00E+00	3.16E-04	8.14E-03	0.00E+00	0.00E+00	8.14E-03	3.16E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	8.14E-03	0.00E+00	0.00E+00	8.14E-03
1966	ALL	653785.9	4188339	NonCancer	0.00E+00	2.90E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
1967	ALL	653810.5	4188339	NonCancer	0.00E+00	3.25E-04	8.32E-03	0.00E+00	0.00E+00	8.32E-03	3.25E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.32E-03
1968	ALL	653693.7	4188438	NonCancer	0.00E+00	2.37E-04	6.14E-03	0.00E+00	0.00E+00	6.14E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	6.14E-03
1969	ALL	653736.8	4188439	NonCancer	0.00E+00	2.51E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
1970	ALL	653761.4	4188439	NonCancer	0.00E+00	2.39E-04	6.01E-03	0.00E+00	0.00E+00	6.01E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.01E-03
1971	ALL	653785.9	4188439	NonCancer	0.00E+00	2.13E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
1972	ALL	653810.5	4188439	NonCancer	0.00E+00	2.17E-04	5.68E-03	0.00E+00	0.00E+00	5.68E-03	2.17E-04	0.00E+00	2.17E-04	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	5.68E-03
1973	ALL	653689.5	4188537	NonCancer	0.00E+00	1.78E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03
1974	ALL	653666.7	4188536	NonCancer	0.00E+00	1.83E-04	4.67E-03	0.00E+00	0.00E+00	4.67E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.67E-03
1975	ALL	653712.3	4188539	NonCancer	0.00E+00	1.77E-04	4.62E-03	0.00E+00	0.00E+00	4.62E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	4.62E-03
1976	ALL	653736.8	4188539	NonCancer	0.00E+00	1.95E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
1977	ALL	653761.4	4188539	NonCancer	0.00E+00	1.89E-04	4.75E-03	0.00E+00	0.00E+00	4.75E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	4.75E-03
1978	ALL	653785.9	4188539	NonCancer	0.00E+00	1.69E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
1979	ALL	653810.5	4188539	NonCancer	0.00E+00	1.64E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
1980	ALL	653692.1	4188637	NonCancer	0.00E+00	1.42E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
1981	ALL	653736.8	4188639	NonCancer	0.00E+00	1.58E-04	4.02E-03	0.00E+00	0.00E+00	4.02E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	4.02E-03
1982	ALL	653761.4	4188639	NonCancer	0.00E+00	1.54E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
1983	ALL	653785.9	4188639	NonCancer	0.00E+00	1.35E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
1984	ALL	653810.5	4188639	NonCancer	0.00E+00	1.32E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
1985	ALL	653689	4188737	NonCancer	0.00E+00	1.18E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
1986	ALL	653665.7	4188736	NonCancer	0.00E+00	1.22E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1987	ALL	653642.4	4188734	NonCancer	0.00E+00	1.23E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1988	ALL	653712.3	4188739	NonCancer	0.00E+00	1.21E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1989	ALL	653736.8	4188739	NonCancer	0.00E+00	1.31E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
1990	ALL	653761.4	4188739	NonCancer	0.00E+00	1.28E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
1991	ALL	653785.9	4188739	NonCancer	0.00E+00	1.17E-04	2.97E-03	0.00E+00	0.00E+00	2.97E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	2.97E-03
1992	ALL	653810.5	4188739	NonCancer	0.00E+00	1.12E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
1993	ALL	653691.2	4188837	NonCancer	0.00E+00	1.01E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
1994	ALL	653648.9	4188835	NonCancer	0.00E+00	1.05E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
1995	ALL	653736.8	4188839	NonCancer	0.00E+00	1.11E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
1996	ALL	653761.4	4188839	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
1997	ALL	653785.9	4188839	NonCancer	0.00E+00	1.03E-04	2.60E-03	0.00E+00	0.00E+00	2.60E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1998	ALL	653810.5	4188839	NonCancer	0.00E+00	9.63E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.63E-05	0.00E+00	9.63E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
1999	ALL	653689.5	4189087	NonCancer	0.00E+00	7.05E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.05E-05	0.00E+00	7.05E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03

2000	ALL	653666.7	4189086	NonCancer	0.00E+00	7.07E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2001	ALL	653644	4189084	NonCancer	0.00E+00	7.02E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.02E-05	0.00E+00	7.02E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
2002	ALL	653621.2	4189083	NonCancer	0.00E+00	7.47E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.47E-05	0.00E+00	7.47E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
2003	ALL	653598.4	4189082	NonCancer	0.00E+00	7.45E-05	1.90E-03	0.00E+00	0.00E+00	1.90E-03	7.45E-05	0.00E+00	7.45E-05	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2004	ALL	653712.3	4189089	NonCancer	0.00E+00	7.51E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.51E-05	0.00E+00	7.51E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
2005	ALL	653736.8	4189089	NonCancer	0.00E+00	7.90E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	7.90E-05	0.00E+00	7.90E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
2006	ALL	653761.4	4189089	NonCancer	0.00E+00	7.64E-05	1.95E-03	0.00E+00	0.00E+00	1.95E-03	7.64E-05	0.00E+00	7.64E-05	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	1.95E-03
2007	ALL	653785.9	4189089	NonCancer	0.00E+00	7.61E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.61E-05	0.00E+00	7.61E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
2008	ALL	653810.5	4189089	NonCancer	0.00E+00	6.82E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
2009	ALL	653688.3	4189337	NonCancer	0.00E+00	5.53E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
2010	ALL	653664.4	4189336	NonCancer	0.00E+00	5.43E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2011	ALL	653640.4	4189334	NonCancer	0.00E+00	5.18E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
2012	ALL	653616.5	4189333	NonCancer	0.00E+00	5.43E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2013	ALL	653592.5	4189331	NonCancer	0.00E+00	5.68E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.68E-05	0.00E+00	5.68E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
2014	ALL	653568.6	4189330	NonCancer	0.00E+00	5.66E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.66E-05	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
2015	ALL	653712.3	4189339	NonCancer	0.00E+00	5.77E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.77E-05	0.00E+00	5.77E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2016	ALL	653736.8	4189339	NonCancer	0.00E+00	5.99E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.99E-05	0.00E+00	5.99E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
2017	ALL	653761.4	4189339	NonCancer	0.00E+00	5.70E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2018	ALL	653785.9	4189339	NonCancer	0.00E+00	5.86E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2019	ALL	653810.5	4189339	NonCancer	0.00E+00	5.53E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2020	ALL	653690.2	4189587	NonCancer	0.00E+00	4.98E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.98E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
2021	ALL	653646	4189585	NonCancer	0.00E+00	4.33E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.33E-05	0.00E+00	4.33E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2022	ALL	653601.9	4189582	NonCancer	0.00E+00	4.18E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.18E-05	0.00E+00	4.18E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2023	ALL	653557.7	4189579	NonCancer	0.00E+00	4.50E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
2024	ALL	653736.8	4189589	NonCancer	0.00E+00	4.77E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2025	ALL	653761.4	4189589	NonCancer	0.00E+00	4.57E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2026	ALL	653785.9	4189589	NonCancer	0.00E+00	4.65E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2027	ALL	653810.5	4189589	NonCancer	0.00E+00	4.55E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
2028	ALL	653689.3	4189837	NonCancer	0.00E+00	4.53E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
2029	ALL	653666.3	4189836	NonCancer	0.00E+00	4.27E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2030	ALL	653643.4	4189834	NonCancer	0.00E+00	3.81E-05	9.95E-04	0.00E+00	0.00E+00	9.95E-04	3.81E-05	0.00E+00	3.81E-05	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	9.95E-04
2031	ALL	653620.4	4189833	NonCancer	0.00E+00	3.52E-05	9.21E-04	0.00E+00	0.00E+00	9.21E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	9.21E-04
2032	ALL	653597.4	4189832	NonCancer	0.00E+00	3.27E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
2033	ALL	653574.4	4189830	NonCancer	0.00E+00	3.48E-05	8.84E-04	0.00E+00	0.00E+00	8.84E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	8.84E-04
2034	ALL	653551.4	4189829	NonCancer	0.00E+00	3.67E-05	9.29E-04	0.00E+00	0.00E+00	9.29E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	9.29E-04
2035	ALL	653528.5	4189827	NonCancer	0.00E+00	3.68E-05	9.37E-04	0.00E+00	0.00E+00	9.37E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	9.37E-04
2036	ALL	653505.5	4189826	NonCancer	0.00E+00	3.68E-05	9.38E-04	0.00E+00	0.00E+00	9.38E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	9.38E-04
2037	ALL	653712.3	4189839	NonCancer	0.00E+00	4.53E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
2038	ALL	653736.8	4189839	NonCancer	0.00E+00	4.26E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2039	ALL	653761.4	4189839	NonCancer	0.00E+00	3.78E-05	9.67E-04	0.00E+00	0.00E+00	9.67E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	9.67E-04
2040	ALL	653785.9	4189839	NonCancer	0.00E+00	3.79E-05	9.65E-04	0.00E+00	0.00E+00	9.65E-04	3.79E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	9.65E-04
2041	ALL	653810.5	4189839	NonCancer	0.00E+00	3.79E-05	9.60E-04	0.00E+00	0.00E+00	9.60E-04	3.79E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	9.60E-04
2042	ALL	653688	4190337	NonCancer	0.00E+00	3.84E-05	9.68E-04	0.00E+00	0.00E+00	9.68E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	9.68E-04
2043	ALL	653663.6	4190336	NonCancer	0.00E+00	3.72E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.72E-05	0.00E+00	3.72E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
2044	ALL	653639.3	4190334	NonCancer	0.00E+00	3.45E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
2045	ALL	653615	4190333	NonCancer	0.00E+00	3.05E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.05E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
2046	ALL	653590.7	4190331	NonCancer	0.00E+00	2.58E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
2047	ALL	653566.3	4190330	NonCancer	0.00E+00	2.40E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2048	ALL	653542	4190328	NonCancer	0.00E+00	2.42E-05	6.33E-04	0.00E+00	0.00E+00	6.33E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	6.33E-04
2049	ALL	653517.7	4190327	NonCancer	0.00E+00	2.57E-05	6.51E-04	0.00E+00	0.00E+00	6.51E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	6.51E-04

2050	ALL	653493.4	4190325	NonCancer	0.00E+00	2.65E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2051	ALL	653469	4190323	NonCancer	0.00E+00	2.63E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
2052	ALL	653444.7	4190322	NonCancer	0.00E+00	2.65E-05	6.74E-04	0.00E+00	0.00E+00	6.74E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
2053	ALL	653712.3	4190339	NonCancer	0.00E+00	3.78E-05	9.50E-04	0.00E+00	0.00E+00	9.50E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	9.50E-04
2054	ALL	653736.8	4190339	NonCancer	0.00E+00	3.56E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
2055	ALL	653761.4	4190339	NonCancer	0.00E+00	3.19E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
2056	ALL	653785.9	4190339	NonCancer	0.00E+00	2.73E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
2057	ALL	653810.5	4190339	NonCancer	0.00E+00	2.74E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
2058	ALL	653688.7	4190837	NonCancer	0.00E+00	3.33E-05	8.39E-04	0.00E+00	0.00E+00	8.39E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	8.39E-04
2059	ALL	653665.1	4190836	NonCancer	0.00E+00	3.30E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
2060	ALL	653641.5	4190834	NonCancer	0.00E+00	3.16E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
2061	ALL	653617.9	4190833	NonCancer	0.00E+00	2.93E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
2062	ALL	653594.3	4190831	NonCancer	0.00E+00	2.63E-05	6.90E-04	0.00E+00	0.00E+00	6.90E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	6.90E-04
2063	ALL	653570.7	4190830	NonCancer	0.00E+00	2.28E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
2064	ALL	653547.1	4190828	NonCancer	0.00E+00	1.94E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
2065	ALL	653523.5	4190827	NonCancer	0.00E+00	1.79E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
2066	ALL	653499.9	4190825	NonCancer	0.00E+00	1.85E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
2067	ALL	653476.3	4190824	NonCancer	0.00E+00	1.94E-05	4.97E-04	0.00E+00	0.00E+00	4.97E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	4.97E-04
2068	ALL	653452.7	4190822	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2069	ALL	653429.1	4190821	NonCancer	0.00E+00	2.03E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
2070	ALL	653405.5	4190820	NonCancer	0.00E+00	2.00E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2071	ALL	653381.9	4190818	NonCancer	0.00E+00	2.02E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
2072	ALL	653712.3	4190839	NonCancer	0.00E+00	3.25E-05	8.18E-04	0.00E+00	0.00E+00	8.18E-04	3.25E-05	0.00E+00	3.25E-05	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	8.18E-04
2073	ALL	653736.8	4190839	NonCancer	0.00E+00	3.06E-05	7.72E-04	0.00E+00	0.00E+00	7.72E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	7.72E-04
2074	ALL	653761.4	4190839	NonCancer	0.00E+00	2.78E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
2075	ALL	653785.9	4190839	NonCancer	0.00E+00	2.44E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
2076	ALL	653810.5	4190839	NonCancer	0.00E+00	2.09E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
2077	ALL	653687.8	4191337	NonCancer	0.00E+00	2.95E-05	7.41E-04	0.00E+00	0.00E+00	7.41E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	7.41E-04
2078	ALL	653663.3	4191336	NonCancer	0.00E+00	2.95E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
2079	ALL	653638.9	4191334	NonCancer	0.00E+00	2.87E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.87E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
2080	ALL	653614.4	4191333	NonCancer	0.00E+00	2.71E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
2081	ALL	653589.9	4191331	NonCancer	0.00E+00	2.49E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
2082	ALL	653565.4	4191330	NonCancer	0.00E+00	2.22E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
2083	ALL	653540.9	4191328	NonCancer	0.00E+00	1.93E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2084	ALL	653516.5	4191326	NonCancer	0.00E+00	1.63E-05	4.51E-04	0.00E+00	0.00E+00	4.51E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	4.51E-04
2085	ALL	653492	4191325	NonCancer	0.00E+00	1.45E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
2086	ALL	653467.5	4191323	NonCancer	0.00E+00	1.43E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
2087	ALL	653443	4191322	NonCancer	0.00E+00	1.52E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
2088	ALL	653418.6	4191320	NonCancer	0.00E+00	1.57E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
2089	ALL	653394.1	4191319	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2090	ALL	653369.6	4191317	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2091	ALL	653345.1	4191316	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2092	ALL	653320.6	4191314	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2093	ALL	653712.3	4191339	NonCancer	0.00E+00	2.86E-05	7.19E-04	0.00E+00	0.00E+00	7.19E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	7.19E-04
2094	ALL	653736.8	4191339	NonCancer	0.00E+00	2.70E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
2095	ALL	653761.4	4191339	NonCancer	0.00E+00	2.47E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
2096	ALL	653785.9	4191339	NonCancer	0.00E+00	2.20E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
2097	ALL	653810.5	4191339	NonCancer	0.00E+00	1.90E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
2098	ALL	653688.4	4191837	NonCancer	0.00E+00	2.63E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
2099	ALL	653664.5	4191836	NonCancer	0.00E+00	2.65E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04

2100	ALL	653640.6	4191834	NonCancer	0.00E+00	2.62E-05	6.62E-04	0.00E+00	0.00E+00	6.62E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	6.62E-04
2101	ALL	653616.6	4191833	NonCancer	0.00E+00	2.53E-05	6.43E-04	0.00E+00	0.00E+00	6.43E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	6.43E-04
2102	ALL	653592.7	4191831	NonCancer	0.00E+00	2.38E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
2103	ALL	653568.8	4191830	NonCancer	0.00E+00	2.20E-05	5.71E-04	0.00E+00	0.00E+00	5.71E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	5.71E-04
2104	ALL	653544.9	4191828	NonCancer	0.00E+00	1.98E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
2105	ALL	653521	4191827	NonCancer	0.00E+00	1.75E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
2106	ALL	653497.1	4191825	NonCancer	0.00E+00	1.51E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2107	ALL	653473.2	4191824	NonCancer	0.00E+00	1.28E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2108	ALL	653449.3	4191822	NonCancer	0.00E+00	1.17E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2109	ALL	653425.3	4191821	NonCancer	0.00E+00	1.17E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
2110	ALL	653401.4	4191819	NonCancer	0.00E+00	1.24E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
2111	ALL	653377.5	4191818	NonCancer	0.00E+00	1.28E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2112	ALL	653353.6	4191816	NonCancer	0.00E+00	1.31E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2113	ALL	653329.7	4191815	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2114	ALL	653305.8	4191813	NonCancer	0.00E+00	1.31E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2115	ALL	653281.9	4191812	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2116	ALL	653258	4191810	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2117	ALL	653712.3	4191839	NonCancer	0.00E+00	2.54E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2118	ALL	653736.8	4191839	NonCancer	0.00E+00	2.40E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
2119	ALL	653761.4	4191839	NonCancer	0.00E+00	2.22E-05	5.64E-04	0.00E+00	0.00E+00	5.64E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	5.64E-04
2120	ALL	653785.9	4191839	NonCancer	0.00E+00	2.00E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
2121	ALL	653810.5	4191839	NonCancer	0.00E+00	1.76E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
2122	ALL	653835.4	4187990	NonCancer	0.00E+00	1.80E-03	4.36E-02	0.00E+00	0.00E+00	4.36E-02	1.80E-03	0.00E+00	1.80E-03	0.00E+00	0.00E+00	4.36E-02	0.00E+00	0.00E+00	4.36E-02
2123	ALL	653838.6	4187946	NonCancer	0.00E+00	1.71E-03	4.09E-02	0.00E+00	0.00E+00	4.09E-02	1.71E-03	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.09E-02	0.00E+00	0.00E+00	4.09E-02
2124	ALL	653841.7	4187902	NonCancer	0.00E+00	1.79E-03	4.32E-02	0.00E+00	0.00E+00	4.32E-02	1.79E-03	0.00E+00	1.79E-03	0.00E+00	0.00E+00	4.32E-02	0.00E+00	0.00E+00	4.32E-02
2125	ALL	653852.5	4188009	NonCancer	0.00E+00	1.37E-03	3.34E-02	0.00E+00	0.00E+00	3.34E-02	1.37E-03	0.00E+00	1.37E-03	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	3.34E-02
2126	ALL	653861.9	4187970	NonCancer	0.00E+00	1.46E-03	3.49E-02	0.00E+00	0.00E+00	3.49E-02	1.46E-03	0.00E+00	1.46E-03	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	3.49E-02
2127	ALL	653865.1	4187926	NonCancer	0.00E+00	1.20E-03	2.92E-02	0.00E+00	0.00E+00	2.92E-02	1.20E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	2.92E-02	0.00E+00	0.00E+00	2.92E-02
2128	ALL	653868.2	4187881	NonCancer	0.00E+00	1.31E-03	3.21E-02	0.00E+00	0.00E+00	3.21E-02	1.31E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	3.21E-02	0.00E+00	0.00E+00	3.21E-02
2129	ALL	653877.4	4188010	NonCancer	0.00E+00	1.10E-03	2.70E-02	0.00E+00	0.00E+00	2.70E-02	1.10E-03	0.00E+00	1.10E-03	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	2.70E-02
2130	ALL	653844.6	4188050	NonCancer	0.00E+00	1.17E-03	2.90E-02	0.00E+00	0.00E+00	2.90E-02	1.17E-03	0.00E+00	1.17E-03	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	2.90E-02
2131	ALL	653886.9	4187972	NonCancer	0.00E+00	1.15E-03	2.76E-02	0.00E+00	0.00E+00	2.76E-02	1.15E-03	0.00E+00	1.15E-03	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	2.76E-02
2132	ALL	653890	4187927	NonCancer	0.00E+00	9.93E-04	2.41E-02	0.00E+00	0.00E+00	2.41E-02	9.93E-04	0.00E+00	9.93E-04	0.00E+00	0.00E+00	2.41E-02	0.00E+00	0.00E+00	2.41E-02
2133	ALL	653893.2	4187883	NonCancer	0.00E+00	1.00E-03	2.48E-02	0.00E+00	0.00E+00	2.48E-02	1.00E-03	0.00E+00	1.00E-03	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	2.48E-02
2134	ALL	653902.3	4188012	NonCancer	0.00E+00	9.09E-04	2.23E-02	0.00E+00	0.00E+00	2.23E-02	9.09E-04	0.00E+00	9.09E-04	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	2.23E-02
2135	ALL	653886.6	4188045	NonCancer	0.00E+00	9.02E-04	2.23E-02	0.00E+00	0.00E+00	2.23E-02	9.02E-04	0.00E+00	9.02E-04	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	2.23E-02
2136	ALL	653861.6	4188069	NonCancer	0.00E+00	9.93E-04	2.46E-02	0.00E+00	0.00E+00	2.46E-02	9.93E-04	0.00E+00	9.93E-04	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	2.46E-02
2137	ALL	653911.8	4187974	NonCancer	0.00E+00	9.36E-04	2.26E-02	0.00E+00	0.00E+00	2.26E-02	9.36E-04	0.00E+00	9.36E-04	0.00E+00	0.00E+00	2.26E-02	0.00E+00	0.00E+00	2.26E-02
2138	ALL	653915	4187929	NonCancer	0.00E+00	8.18E-04	2.00E-02	0.00E+00	0.00E+00	2.00E-02	8.18E-04	0.00E+00	8.18E-04	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	2.00E-02
2139	ALL	653918.1	4187885	NonCancer	0.00E+00	7.50E-04	1.84E-02	0.00E+00	0.00E+00	1.84E-02	7.50E-04	0.00E+00	7.50E-04	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.84E-02
2140	ALL	653950.6	4188019	NonCancer	0.00E+00	6.59E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.59E-04	0.00E+00	6.59E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2141	ALL	653931.7	4188059	NonCancer	0.00E+00	6.56E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.56E-04	0.00E+00	6.56E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2142	ALL	653892.3	4188106	NonCancer	0.00E+00	7.20E-04	1.81E-02	0.00E+00	0.00E+00	1.81E-02	7.20E-04	0.00E+00	7.20E-04	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.81E-02
2143	ALL	653851.4	4188123	NonCancer	0.00E+00	7.59E-04	1.93E-02	0.00E+00	0.00E+00	1.93E-02	7.59E-04	0.00E+00	7.59E-04	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.93E-02
2144	ALL	653961.7	4187977	NonCancer	0.00E+00	6.68E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.68E-04	0.00E+00	6.68E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2145	ALL	653964.8	4187933	NonCancer	0.00E+00	6.24E-04	1.53E-02	0.00E+00	0.00E+00	1.53E-02	6.24E-04	0.00E+00	6.24E-04	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.53E-02
2146	ALL	653968	4187888	NonCancer	0.00E+00	5.37E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.37E-04	0.00E+00	5.37E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
2147	ALL	654001	4188022	NonCancer	0.00E+00	4.92E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.92E-04	0.00E+00	4.92E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
2148	ALL	653982.9	4188059	NonCancer	0.00E+00	5.08E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	5.08E-04	0.00E+00	5.08E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
2149	ALL	653964.9	4188097	NonCancer	0.00E+00	5.04E-04	1.26E-02	0.00E+00	0.00E+00	1.26E-02	5.04E-04	0.00E+00	5.04E-04	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.26E-02

2150	ALL	653927.4	4188143	NonCancer	0.00E+00	5.29E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.29E-04	0.00E+00	5.29E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
2151	ALL	653888.4	4188158	NonCancer	0.00E+00	5.94E-04	1.49E-02	0.00E+00	0.00E+00	1.49E-02	5.94E-04	0.00E+00	5.94E-04	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.49E-02
2152	ALL	653849.4	4188173	NonCancer	0.00E+00	5.82E-04	1.51E-02	0.00E+00	0.00E+00	1.51E-02	5.82E-04	0.00E+00	5.82E-04	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	1.51E-02
2153	ALL	654011.6	4187981	NonCancer	0.00E+00	5.09E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	5.09E-04	0.00E+00	5.09E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
2154	ALL	654014.7	4187936	NonCancer	0.00E+00	4.73E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.73E-04	0.00E+00	4.73E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
2155	ALL	654017.9	4187892	NonCancer	0.00E+00	4.26E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
2156	ALL	654051.1	4188025	NonCancer	0.00E+00	3.97E-04	9.89E-03	0.00E+00	0.00E+00	9.89E-03	3.97E-04	0.00E+00	3.97E-04	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	9.89E-03
2157	ALL	654033.5	4188061	NonCancer	0.00E+00	4.08E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.08E-04	0.00E+00	4.08E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
2158	ALL	654016	4188098	NonCancer	0.00E+00	4.10E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.10E-04	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
2159	ALL	653998.5	4188135	NonCancer	0.00E+00	4.38E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.38E-04	0.00E+00	4.38E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
2160	ALL	653962	4188179	NonCancer	0.00E+00	4.15E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.15E-04	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
2161	ALL	653924.1	4188194	NonCancer	0.00E+00	4.56E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.56E-04	0.00E+00	4.56E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
2162	ALL	653886.2	4188209	NonCancer	0.00E+00	4.83E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.83E-04	0.00E+00	4.83E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
2163	ALL	653848.4	4188224	NonCancer	0.00E+00	4.52E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.52E-04	0.00E+00	4.52E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
2164	ALL	654061.4	4187984	NonCancer	0.00E+00	4.06E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	4.06E-04	0.00E+00	4.06E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
2165	ALL	654064.6	4187940	NonCancer	0.00E+00	3.60E-04	9.04E-03	0.00E+00	0.00E+00	9.04E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	9.04E-03
2166	ALL	654067.7	4187895	NonCancer	0.00E+00	3.52E-04	8.76E-03	0.00E+00	0.00E+00	8.76E-03	3.52E-04	0.00E+00	3.52E-04	0.00E+00	0.00E+00	8.76E-03	0.00E+00	0.00E+00	8.76E-03
2167	ALL	654100.3	4188030	NonCancer	0.00E+00	3.23E-04	8.08E-03	0.00E+00	0.00E+00	8.08E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	8.08E-03
2168	ALL	654081.3	4188069	NonCancer	0.00E+00	3.43E-04	8.54E-03	0.00E+00	0.00E+00	8.54E-03	3.43E-04	0.00E+00	3.43E-04	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	8.54E-03
2169	ALL	654062.4	4188109	NonCancer	0.00E+00	3.38E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.38E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
2170	ALL	654043.4	4188149	NonCancer	0.00E+00	3.39E-04	8.51E-03	0.00E+00	0.00E+00	8.51E-03	3.39E-04	0.00E+00	3.39E-04	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	8.51E-03
2171	ALL	654024.5	4188188	NonCancer	0.00E+00	3.22E-04	8.25E-03	0.00E+00	0.00E+00	8.25E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.25E-03	0.00E+00	0.00E+00	8.25E-03
2172	ALL	653994.5	4188216	NonCancer	0.00E+00	3.44E-04	8.72E-03	0.00E+00	0.00E+00	8.72E-03	3.44E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	8.72E-03	0.00E+00	0.00E+00	8.72E-03
2173	ALL	653953.6	4188232	NonCancer	0.00E+00	3.78E-04	9.53E-03	0.00E+00	0.00E+00	9.53E-03	3.78E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	9.53E-03	0.00E+00	0.00E+00	9.53E-03
2174	ALL	653912.7	4188248	NonCancer	0.00E+00	3.93E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	3.93E-04	0.00E+00	3.93E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
2175	ALL	653871.8	4188265	NonCancer	0.00E+00	3.69E-04	9.60E-03	0.00E+00	0.00E+00	9.60E-03	3.69E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	9.60E-03
2176	ALL	654111.3	4187988	NonCancer	0.00E+00	3.34E-04	8.29E-03	0.00E+00	0.00E+00	8.29E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.29E-03
2177	ALL	654114.5	4187943	NonCancer	0.00E+00	3.05E-04	7.61E-03	0.00E+00	0.00E+00	7.61E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.61E-03	0.00E+00	0.00E+00	7.61E-03
2178	ALL	654117.6	4187899	NonCancer	0.00E+00	2.92E-04	7.30E-03	0.00E+00	0.00E+00	7.30E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	7.30E-03
2179	ALL	654150.4	4188033	NonCancer	0.00E+00	2.68E-04	6.72E-03	0.00E+00	0.00E+00	6.72E-03	2.68E-04	0.00E+00	2.68E-04	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	6.72E-03
2180	ALL	654132	4188071	NonCancer	0.00E+00	2.81E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.81E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
2181	ALL	654113.6	4188110	NonCancer	0.00E+00	2.86E-04	7.20E-03	0.00E+00	0.00E+00	7.20E-03	2.86E-04	0.00E+00	2.86E-04	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	7.20E-03
2182	ALL	654095.1	4188148	NonCancer	0.00E+00	2.85E-04	7.18E-03	0.00E+00	0.00E+00	7.18E-03	2.85E-04	0.00E+00	2.85E-04	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	7.18E-03
2183	ALL	654076.7	4188187	NonCancer	0.00E+00	3.08E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	3.08E-04	0.00E+00	3.08E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
2184	ALL	654058.3	4188225	NonCancer	0.00E+00	2.87E-04	7.29E-03	0.00E+00	0.00E+00	7.29E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	7.29E-03
2185	ALL	654029.2	4188253	NonCancer	0.00E+00	2.90E-04	7.38E-03	0.00E+00	0.00E+00	7.38E-03	2.90E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	7.38E-03
2186	ALL	653989.4	4188268	NonCancer	0.00E+00	3.02E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.02E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
2187	ALL	653949.7	4188284	NonCancer	0.00E+00	3.16E-04	8.11E-03	0.00E+00	0.00E+00	8.11E-03	3.16E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	8.11E-03
2188	ALL	653909.9	4188300	NonCancer	0.00E+00	3.24E-04	8.27E-03	0.00E+00	0.00E+00	8.27E-03	3.24E-04	0.00E+00	3.24E-04	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	8.27E-03
2189	ALL	653870.1	4188315	NonCancer	0.00E+00	3.32E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
2190	ALL	654161.2	4187991	NonCancer	0.00E+00	2.82E-04	7.02E-03	0.00E+00	0.00E+00	7.02E-03	2.82E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	7.02E-03
2191	ALL	654164.3	4187947	NonCancer	0.00E+00	2.55E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
2192	ALL	654167.5	4187902	NonCancer	0.00E+00	2.64E-04	6.55E-03	0.00E+00	0.00E+00	6.55E-03	2.64E-04	0.00E+00	2.64E-04	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.55E-03
2193	ALL	654249.9	4188040	NonCancer	0.00E+00	2.05E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
2194	ALL	654230.9	4188080	NonCancer	0.00E+00	2.11E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03
2195	ALL	654212	4188120	NonCancer	0.00E+00	2.14E-04	5.39E-03	0.00E+00	0.00E+00	5.39E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	5.39E-03
2196	ALL	654193	4188159	NonCancer	0.00E+00	2.16E-04	5.44E-03	0.00E+00	0.00E+00	5.44E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.44E-03
2197	ALL	654174.1	4188199	NonCancer	0.00E+00	2.18E-04	5.49E-03	0.00E+00	0.00E+00	5.49E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	5.49E-03
2198	ALL	654155.1	4188239	NonCancer	0.00E+00	2.33E-04	5.79E-03	0.00E+00	0.00E+00	5.79E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	5.79E-03
2199	ALL	654136.2	4188278	NonCancer	0.00E+00	2.07E-04	5.31E-03	0.00E+00	0.00E+00	5.31E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	5.31E-03

2200	ALL	654096.8	4188326	NonCancer	0.00E+00	2.16E-04	5.53E-03	0.00E+00	0.00E+00	5.53E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	5.53E-03
2201	ALL	654055.9	4188342	NonCancer	0.00E+00	2.25E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
2202	ALL	654015	4188358	NonCancer	0.00E+00	2.38E-04	6.06E-03	0.00E+00	0.00E+00	6.06E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	6.06E-03
2203	ALL	653974.1	4188374	NonCancer	0.00E+00	2.48E-04	6.30E-03	0.00E+00	0.00E+00	6.30E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	6.30E-03
2204	ALL	653933.2	4188390	NonCancer	0.00E+00	2.31E-04	5.97E-03	0.00E+00	0.00E+00	5.97E-03	2.31E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	5.97E-03
2205	ALL	653892.3	4188406	NonCancer	0.00E+00	2.39E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
2206	ALL	653851.4	4188423	NonCancer	0.00E+00	2.35E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.35E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
2207	ALL	654260.9	4187998	NonCancer	0.00E+00	2.11E-04	5.28E-03	0.00E+00	0.00E+00	5.28E-03	2.11E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	5.28E-03
2208	ALL	654264.1	4187954	NonCancer	0.00E+00	1.81E-04	4.59E-03	0.00E+00	0.00E+00	4.59E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	4.59E-03
2209	ALL	654267.2	4187909	NonCancer	0.00E+00	1.96E-04	4.93E-03	0.00E+00	0.00E+00	4.93E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	4.93E-03
2210	ALL	654350	4188047	NonCancer	0.00E+00	1.61E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
2211	ALL	654331.7	4188085	NonCancer	0.00E+00	1.65E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
2212	ALL	654313.4	4188123	NonCancer	0.00E+00	1.68E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
2213	ALL	654295.1	4188161	NonCancer	0.00E+00	1.70E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
2214	ALL	654276.8	4188200	NonCancer	0.00E+00	1.70E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
2215	ALL	654258.5	4188238	NonCancer	0.00E+00	1.72E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
2216	ALL	654240.3	4188276	NonCancer	0.00E+00	1.78E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
2217	ALL	654222	4188315	NonCancer	0.00E+00	1.82E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
2218	ALL	654203.7	4188353	NonCancer	0.00E+00	1.75E-04	4.42E-03	0.00E+00	0.00E+00	4.42E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	4.42E-03
2219	ALL	654165.7	4188399	NonCancer	0.00E+00	1.71E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
2220	ALL	654126.2	4188414	NonCancer	0.00E+00	1.82E-04	4.61E-03	0.00E+00	0.00E+00	4.61E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	4.61E-03
2221	ALL	654086.7	4188430	NonCancer	0.00E+00	1.89E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
2222	ALL	654047.3	4188445	NonCancer	0.00E+00	1.84E-04	4.71E-03	0.00E+00	0.00E+00	4.71E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	4.71E-03
2223	ALL	654007.8	4188461	NonCancer	0.00E+00	1.88E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
2224	ALL	653968.4	4188477	NonCancer	0.00E+00	1.80E-04	4.65E-03	0.00E+00	0.00E+00	4.65E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	4.65E-03
2225	ALL	653928.9	4188492	NonCancer	0.00E+00	1.91E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
2226	ALL	653889.4	4188508	NonCancer	0.00E+00	1.89E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
2227	ALL	653850	4188523	NonCancer	0.00E+00	1.93E-04	4.90E-03	0.00E+00	0.00E+00	4.90E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.90E-03
2228	ALL	654360.7	4188005	NonCancer	0.00E+00	1.65E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
2229	ALL	654363.8	4187961	NonCancer	0.00E+00	1.50E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
2230	ALL	654367	4187916	NonCancer	0.00E+00	1.45E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
2231	ALL	654449.5	4188054	NonCancer	0.00E+00	1.32E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
2232	ALL	654430.9	4188093	NonCancer	0.00E+00	1.34E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
2233	ALL	654412.2	4188132	NonCancer	0.00E+00	1.39E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
2234	ALL	654393.5	4188171	NonCancer	0.00E+00	1.41E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
2235	ALL	654374.9	4188210	NonCancer	0.00E+00	1.39E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
2236	ALL	654356.2	4188249	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2237	ALL	654337.6	4188288	NonCancer	0.00E+00	1.41E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2238	ALL	654318.9	4188328	NonCancer	0.00E+00	1.47E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
2239	ALL	654300.2	4188367	NonCancer	0.00E+00	1.51E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
2240	ALL	654281.6	4188406	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2241	ALL	654262.9	4188445	NonCancer	0.00E+00	1.40E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
2242	ALL	654233.4	4188472	NonCancer	0.00E+00	1.40E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.40E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2243	ALL	654193.2	4188488	NonCancer	0.00E+00	1.49E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
2244	ALL	654152.9	4188504	NonCancer	0.00E+00	1.56E-04	3.94E-03	0.00E+00	0.00E+00	3.94E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	3.94E-03
2245	ALL	654112.6	4188520	NonCancer	0.00E+00	1.51E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
2246	ALL	654072.3	4188536	NonCancer	0.00E+00	1.59E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
2247	ALL	654032	4188551	NonCancer	0.00E+00	1.50E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
2248	ALL	653991.8	4188567	NonCancer	0.00E+00	1.48E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
2249	ALL	653951.5	4188583	NonCancer	0.00E+00	1.49E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03

2250	ALL	653911.2	4188599	NonCancer	0.00E+00	1.52E-04	3.87E-03	0.00E+00	0.00E+00	3.87E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	3.87E-03
2251	ALL	653870.9	4188615	NonCancer	0.00E+00	1.58E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
2252	ALL	654460.4	4188012	NonCancer	0.00E+00	1.35E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
2253	ALL	654463.6	4187968	NonCancer	0.00E+00	1.26E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
2254	ALL	654466.7	4187924	NonCancer	0.00E+00	1.23E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
2255	ALL	654549.1	4188062	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
2256	ALL	654530.2	4188101	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
2257	ALL	654511.2	4188141	NonCancer	0.00E+00	1.14E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
2258	ALL	654492.3	4188180	NonCancer	0.00E+00	1.17E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
2259	ALL	654473.3	4188220	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
2260	ALL	654454.4	4188260	NonCancer	0.00E+00	1.18E-04	2.97E-03	0.00E+00	0.00E+00	2.97E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	2.97E-03
2261	ALL	654435.4	4188299	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
2262	ALL	654416.5	4188339	NonCancer	0.00E+00	1.16E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
2263	ALL	654397.5	4188379	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
2264	ALL	654378.6	4188418	NonCancer	0.00E+00	1.27E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
2265	ALL	654359.6	4188458	NonCancer	0.00E+00	1.12E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
2266	ALL	654340.7	4188498	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
2267	ALL	654301.3	4188545	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
2268	ALL	654260.4	4188562	NonCancer	0.00E+00	1.25E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
2269	ALL	654219.5	4188578	NonCancer	0.00E+00	1.30E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
2270	ALL	654178.6	4188594	NonCancer	0.00E+00	1.27E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
2271	ALL	654137.7	4188610	NonCancer	0.00E+00	1.30E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
2272	ALL	654096.8	4188626	NonCancer	0.00E+00	1.29E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
2273	ALL	654055.9	4188642	NonCancer	0.00E+00	1.22E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
2274	ALL	654015	4188658	NonCancer	0.00E+00	1.28E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
2275	ALL	653974.1	4188674	NonCancer	0.00E+00	1.16E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
2276	ALL	653933.2	4188690	NonCancer	0.00E+00	1.25E-04	3.19E-03	0.00E+00	0.00E+00	3.19E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	3.19E-03
2277	ALL	653892.3	4188706	NonCancer	0.00E+00	1.32E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
2278	ALL	653851.4	4188723	NonCancer	0.00E+00	1.12E-04	2.93E-03	0.00E+00	0.00E+00	2.93E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	2.93E-03
2279	ALL	654560.2	4188019	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
2280	ALL	654563.3	4187975	NonCancer	0.00E+00	1.07E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
2281	ALL	654566.5	4187931	NonCancer	0.00E+00	1.02E-04	2.58E-03	0.00E+00	0.00E+00	2.58E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	2.58E-03
2282	ALL	654648.8	4188069	NonCancer	0.00E+00	9.34E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.34E-05	0.00E+00	9.34E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
2283	ALL	654629.6	4188109	NonCancer	0.00E+00	9.32E-05	2.36E-03	0.00E+00	0.00E+00	2.36E-03	9.32E-05	0.00E+00	9.32E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
2284	ALL	654610.4	4188149	NonCancer	0.00E+00	9.66E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.66E-05	0.00E+00	9.66E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
2285	ALL	654591.3	4188189	NonCancer	0.00E+00	9.86E-05	2.49E-03	0.00E+00	0.00E+00	2.49E-03	9.86E-05	0.00E+00	9.86E-05	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	2.49E-03
2286	ALL	654572.1	4188229	NonCancer	0.00E+00	1.01E-04	2.54E-03	0.00E+00	0.00E+00	2.54E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.54E-03
2287	ALL	654552.9	4188269	NonCancer	0.00E+00	1.00E-04	2.52E-03	0.00E+00	0.00E+00	2.52E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.52E-03
2288	ALL	654533.7	4188310	NonCancer	0.00E+00	1.00E-04	2.53E-03	0.00E+00	0.00E+00	2.53E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	2.53E-03
2289	ALL	654514.5	4188350	NonCancer	0.00E+00	9.92E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.92E-05	0.00E+00	9.92E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
2290	ALL	654495.4	4188390	NonCancer	0.00E+00	9.88E-05	2.50E-03	0.00E+00	0.00E+00	2.50E-03	9.88E-05	0.00E+00	9.88E-05	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	2.50E-03
2291	ALL	654476.2	4188430	NonCancer	0.00E+00	1.07E-04	2.67E-03	0.00E+00	0.00E+00	2.67E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	2.67E-03
2292	ALL	654457	4188470	NonCancer	0.00E+00	1.09E-04	2.76E-03	0.00E+00	0.00E+00	2.76E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	2.76E-03
2293	ALL	654437.8	4188510	NonCancer	0.00E+00	9.65E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.65E-05	0.00E+00	9.65E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
2294	ALL	654418.7	4188550	NonCancer	0.00E+00	1.06E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2295	ALL	654399.5	4188591	NonCancer	0.00E+00	9.79E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.79E-05	0.00E+00	9.79E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
2296	ALL	654369.2	4188619	NonCancer	0.00E+00	1.00E-04	2.54E-03	0.00E+00	0.00E+00	2.54E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.54E-03
2297	ALL	654327.8	4188635	NonCancer	0.00E+00	1.07E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
2298	ALL	654286.4	4188651	NonCancer	0.00E+00	1.09E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
2299	ALL	654245.1	4188668	NonCancer	0.00E+00	1.05E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03

2300	ALL	654203.7	4188684	NonCancer	0.00E+00	1.05E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
2301	ALL	654162.3	4188700	NonCancer	0.00E+00	1.12E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
2302	ALL	654120.9	4188716	NonCancer	0.00E+00	1.09E-04	2.78E-03	0.00E+00	0.00E+00	2.78E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	2.78E-03
2303	ALL	654079.5	4188733	NonCancer	0.00E+00	1.03E-04	2.63E-03	0.00E+00	0.00E+00	2.63E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	2.63E-03
2304	ALL	654038.1	4188749	NonCancer	0.00E+00	1.12E-04	2.82E-03	0.00E+00	0.00E+00	2.82E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
2305	ALL	653996.7	4188765	NonCancer	0.00E+00	1.02E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2306	ALL	653955.3	4188782	NonCancer	0.00E+00	1.06E-04	2.71E-03	0.00E+00	0.00E+00	2.71E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	2.71E-03
2307	ALL	653914	4188798	NonCancer	0.00E+00	1.13E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
2308	ALL	653872.6	4188814	NonCancer	0.00E+00	9.73E-05	2.55E-03	0.00E+00	0.00E+00	2.55E-03	9.73E-05	0.00E+00	9.73E-05	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
2309	ALL	654659.9	4188027	NonCancer	0.00E+00	9.56E-05	2.42E-03	0.00E+00	0.00E+00	2.42E-03	9.56E-05	0.00E+00	9.56E-05	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	2.42E-03
2310	ALL	654663.1	4187982	NonCancer	0.00E+00	9.16E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.16E-05	0.00E+00	9.16E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
2311	ALL	654666.2	4187938	NonCancer	0.00E+00	8.42E-05	2.14E-03	0.00E+00	0.00E+00	2.14E-03	8.42E-05	0.00E+00	8.42E-05	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	2.14E-03
2312	ALL	654898.4	4188086	NonCancer	0.00E+00	6.51E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.51E-05	0.00E+00	6.51E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
2313	ALL	654879.6	4188125	NonCancer	0.00E+00	6.85E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.85E-05	0.00E+00	6.85E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
2314	ALL	654860.8	4188165	NonCancer	0.00E+00	6.75E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2315	ALL	654842	4188204	NonCancer	0.00E+00	6.96E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.96E-05	0.00E+00	6.96E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
2316	ALL	654823.2	4188243	NonCancer	0.00E+00	7.17E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
2317	ALL	654804.5	4188283	NonCancer	0.00E+00	7.25E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.25E-05	0.00E+00	7.25E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2318	ALL	654785.7	4188322	NonCancer	0.00E+00	7.19E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.19E-05	0.00E+00	7.19E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2319	ALL	654766.9	4188361	NonCancer	0.00E+00	7.18E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.18E-05	0.00E+00	7.18E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2320	ALL	654748.1	4188400	NonCancer	0.00E+00	7.21E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.21E-05	0.00E+00	7.21E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2321	ALL	654729.3	4188440	NonCancer	0.00E+00	7.22E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.22E-05	0.00E+00	7.22E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2322	ALL	654710.6	4188479	NonCancer	0.00E+00	7.31E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.31E-05	0.00E+00	7.31E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
2323	ALL	654691.8	4188518	NonCancer	0.00E+00	7.23E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.23E-05	0.00E+00	7.23E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
2324	ALL	654673	4188558	NonCancer	0.00E+00	7.73E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.73E-05	0.00E+00	7.73E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
2325	ALL	654654.2	4188597	NonCancer	0.00E+00	7.85E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.85E-05	0.00E+00	7.85E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
2326	ALL	654635.4	4188636	NonCancer	0.00E+00	6.96E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	6.96E-05	0.00E+00	6.96E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
2327	ALL	654616.7	4188676	NonCancer	0.00E+00	7.08E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.08E-05	0.00E+00	7.08E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2328	ALL	654597.9	4188715	NonCancer	0.00E+00	7.72E-05	1.94E-03	0.00E+00	0.00E+00	1.94E-03	7.72E-05	0.00E+00	7.72E-05	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.94E-03
2329	ALL	654579.1	4188754	NonCancer	0.00E+00	7.00E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.00E-05	0.00E+00	7.00E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
2330	ALL	654540.1	4188801	NonCancer	0.00E+00	7.19E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.19E-05	0.00E+00	7.19E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
2331	ALL	654499.5	4188817	NonCancer	0.00E+00	7.68E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.68E-05	0.00E+00	7.68E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
2332	ALL	654459	4188833	NonCancer	0.00E+00	6.97E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	6.97E-05	0.00E+00	6.97E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
2333	ALL	654418.5	4188849	NonCancer	0.00E+00	7.92E-05	2.00E-03	0.00E+00	0.00E+00	2.00E-03	7.92E-05	0.00E+00	7.92E-05	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
2334	ALL	654377.9	4188865	NonCancer	0.00E+00	7.68E-05	1.96E-03	0.00E+00	0.00E+00	1.96E-03	7.68E-05	0.00E+00	7.68E-05	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	1.96E-03
2335	ALL	654337.4	4188881	NonCancer	0.00E+00	7.48E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.48E-05	0.00E+00	7.48E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
2336	ALL	654296.9	4188897	NonCancer	0.00E+00	8.13E-05	2.05E-03	0.00E+00	0.00E+00	2.05E-03	8.13E-05	0.00E+00	8.13E-05	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.05E-03
2337	ALL	654256.3	4188913	NonCancer	0.00E+00	7.80E-05	2.00E-03	0.00E+00	0.00E+00	2.00E-03	7.80E-05	0.00E+00	7.80E-05	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
2338	ALL	654215.8	4188929	NonCancer	0.00E+00	7.38E-05	1.90E-03	0.00E+00	0.00E+00	1.90E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2339	ALL	654175.3	4188945	NonCancer	0.00E+00	7.29E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2340	ALL	654134.7	4188961	NonCancer	0.00E+00	7.82E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.82E-05	0.00E+00	7.82E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
2341	ALL	654094.2	4188977	NonCancer	0.00E+00	7.56E-05	1.96E-03	0.00E+00	0.00E+00	1.96E-03	7.56E-05	0.00E+00	7.56E-05	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	1.96E-03
2342	ALL	654053.7	4188993	NonCancer	0.00E+00	7.48E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.48E-05	0.00E+00	7.48E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
2343	ALL	654013.1	4189009	NonCancer	0.00E+00	7.51E-05	1.92E-03	0.00E+00	0.00E+00	1.92E-03	7.51E-05	0.00E+00	7.51E-05	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	1.92E-03
2344	ALL	653972.6	4189025	NonCancer	0.00E+00	8.00E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	8.00E-05	0.00E+00	8.00E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
2345	ALL	653932.1	4189041	NonCancer	0.00E+00	7.54E-05	1.94E-03	0.00E+00	0.00E+00	1.94E-03	7.54E-05	0.00E+00	7.54E-05	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	1.94E-03
2346	ALL	653891.6	4189057	NonCancer	0.00E+00	6.82E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
2347	ALL	653851	4189073	NonCancer	0.00E+00	6.68E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
2348	ALL	654909.3	4188044	NonCancer	0.00E+00	6.82E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
2349	ALL	654912.5	4188000	NonCancer	0.00E+00	6.73E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03

2350	ALL	654915.6	4187955	NonCancer	0.00E+00	6.07E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.07E-05	0.00E+00	6.07E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2351	ALL	655147.6	4188104	NonCancer	0.00E+00	5.06E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.06E-05	0.00E+00	5.06E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
2352	ALL	655128.7	4188144	NonCancer	0.00E+00	5.20E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.20E-05	0.00E+00	5.20E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2353	ALL	655109.7	4188183	NonCancer	0.00E+00	5.14E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.14E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
2354	ALL	655090.8	4188223	NonCancer	0.00E+00	5.35E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.35E-05	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2355	ALL	655071.8	4188263	NonCancer	0.00E+00	5.34E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
2356	ALL	655052.9	4188302	NonCancer	0.00E+00	5.50E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.50E-05	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2357	ALL	655033.9	4188342	NonCancer	0.00E+00	5.50E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.50E-05	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2358	ALL	655015	4188382	NonCancer	0.00E+00	5.39E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.39E-05	0.00E+00	5.39E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
2359	ALL	654996	4188421	NonCancer	0.00E+00	5.56E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.56E-05	0.00E+00	5.56E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2360	ALL	654977.1	4188461	NonCancer	0.00E+00	5.57E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.57E-05	0.00E+00	5.57E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
2361	ALL	654958.1	4188501	NonCancer	0.00E+00	5.53E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2362	ALL	654939.2	4188540	NonCancer	0.00E+00	5.53E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2363	ALL	654920.2	4188580	NonCancer	0.00E+00	5.55E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.55E-05	0.00E+00	5.55E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2364	ALL	654901.3	4188619	NonCancer	0.00E+00	5.46E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2365	ALL	654882.3	4188659	NonCancer	0.00E+00	6.05E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	6.05E-05	0.00E+00	6.05E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2366	ALL	654863.4	4188699	NonCancer	0.00E+00	6.07E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.07E-05	0.00E+00	6.07E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2367	ALL	654844.4	4188738	NonCancer	0.00E+00	6.06E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.06E-05	0.00E+00	6.06E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
2368	ALL	654825.5	4188778	NonCancer	0.00E+00	5.33E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.33E-05	0.00E+00	5.33E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2369	ALL	654806.5	4188818	NonCancer	0.00E+00	5.23E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.23E-05	0.00E+00	5.23E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
2370	ALL	654787.6	4188857	NonCancer	0.00E+00	5.90E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.90E-05	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2371	ALL	654768.6	4188897	NonCancer	0.00E+00	5.75E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.75E-05	0.00E+00	5.75E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2372	ALL	654749.7	4188937	NonCancer	0.00E+00	5.48E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.48E-05	0.00E+00	5.48E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
2373	ALL	654710.3	4188984	NonCancer	0.00E+00	5.47E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.47E-05	0.00E+00	5.47E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2374	ALL	654669.4	4189001	NonCancer	0.00E+00	5.85E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
2375	ALL	654628.5	4189017	NonCancer	0.00E+00	5.28E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
2376	ALL	654587.6	4189033	NonCancer	0.00E+00	5.92E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
2377	ALL	654546.7	4189049	NonCancer	0.00E+00	5.77E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.77E-05	0.00E+00	5.77E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2378	ALL	654505.8	4189065	NonCancer	0.00E+00	5.90E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.90E-05	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
2379	ALL	654464.9	4189081	NonCancer	0.00E+00	5.65E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.65E-05	0.00E+00	5.65E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
2380	ALL	654424	4189097	NonCancer	0.00E+00	6.18E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
2381	ALL	654383.1	4189113	NonCancer	0.00E+00	5.70E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2382	ALL	654342.2	4189129	NonCancer	0.00E+00	6.03E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
2383	ALL	654301.3	4189145	NonCancer	0.00E+00	5.62E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.62E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
2384	ALL	654260.4	4189162	NonCancer	0.00E+00	5.53E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
2385	ALL	654219.5	4189178	NonCancer	0.00E+00	5.98E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.98E-05	0.00E+00	5.98E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2386	ALL	654178.6	4189194	NonCancer	0.00E+00	5.86E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2387	ALL	654137.7	4189210	NonCancer	0.00E+00	5.54E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.54E-05	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
2388	ALL	654096.8	4189226	NonCancer	0.00E+00	5.93E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
2389	ALL	654055.9	4189242	NonCancer	0.00E+00	5.93E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
2390	ALL	654015	4189258	NonCancer	0.00E+00	6.18E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
2391	ALL	653974.1	4189274	NonCancer	0.00E+00	5.73E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.73E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
2392	ALL	653933.2	4189290	NonCancer	0.00E+00	5.17E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2393	ALL	653892.3	4189306	NonCancer	0.00E+00	5.06E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.06E-05	0.00E+00	5.06E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
2394	ALL	653851.4	4189323	NonCancer	0.00E+00	5.29E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2395	ALL	655158.7	4188062	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
2396	ALL	655161.8	4188017	NonCancer	0.00E+00	5.18E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2397	ALL	655165	4187973	NonCancer	0.00E+00	4.93E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
2398	ALL	655397	4188122	NonCancer	0.00E+00	4.08E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
2399	ALL	655377.9	4188162	NonCancer	0.00E+00	4.15E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.15E-05	0.00E+00	4.15E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03

2400	ALL	655358.8	4188202	NonCancer	0.00E+00	4.18E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.18E-05	0.00E+00	4.18E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
2401	ALL	655339.7	4188241	NonCancer	0.00E+00	4.10E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
2402	ALL	655320.7	4188281	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
2403	ALL	655301.6	4188321	NonCancer	0.00E+00	4.30E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.30E-05	0.00E+00	4.30E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2404	ALL	655282.5	4188361	NonCancer	0.00E+00	4.39E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2405	ALL	655263.5	4188401	NonCancer	0.00E+00	4.40E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.40E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2406	ALL	655244.4	4188441	NonCancer	0.00E+00	4.44E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2407	ALL	655225.3	4188481	NonCancer	0.00E+00	4.41E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2408	ALL	655206.3	4188521	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2409	ALL	655187.2	4188561	NonCancer	0.00E+00	4.44E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2410	ALL	655168.1	4188601	NonCancer	0.00E+00	4.44E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2411	ALL	655149.1	4188641	NonCancer	0.00E+00	4.42E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.42E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2412	ALL	655130	4188680	NonCancer	0.00E+00	4.39E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2413	ALL	655110.9	4188720	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2414	ALL	655091.8	4188760	NonCancer	0.00E+00	4.77E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
2415	ALL	655072.8	4188800	NonCancer	0.00E+00	5.60E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.60E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
2416	ALL	655053.7	4188840	NonCancer	0.00E+00	4.85E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2417	ALL	655034.6	4188880	NonCancer	0.00E+00	4.85E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2418	ALL	655015.6	4188920	NonCancer	0.00E+00	4.26E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
2419	ALL	654996.5	4188960	NonCancer	0.00E+00	4.21E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2420	ALL	654977.4	4189000	NonCancer	0.00E+00	5.05E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
2421	ALL	654958.4	4189040	NonCancer	0.00E+00	5.35E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.35E-05	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
2422	ALL	654939.3	4189080	NonCancer	0.00E+00	4.67E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.67E-05	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2423	ALL	654920.2	4189119	NonCancer	0.00E+00	4.39E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2424	ALL	654880.6	4189167	NonCancer	0.00E+00	4.35E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
2425	ALL	654839.4	4189184	NonCancer	0.00E+00	4.65E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2426	ALL	654798.3	4189200	NonCancer	0.00E+00	4.37E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2427	ALL	654757.1	4189216	NonCancer	0.00E+00	4.45E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.45E-05	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2428	ALL	654715.9	4189232	NonCancer	0.00E+00	4.82E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.82E-05	0.00E+00	4.82E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
2429	ALL	654674.8	4189248	NonCancer	0.00E+00	4.54E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.54E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2430	ALL	654633.6	4189265	NonCancer	0.00E+00	4.67E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.67E-05	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2431	ALL	654592.5	4189281	NonCancer	0.00E+00	4.49E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.49E-05	0.00E+00	4.49E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
2432	ALL	654551.3	4189297	NonCancer	0.00E+00	4.89E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.89E-05	0.00E+00	4.89E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2433	ALL	654510.2	4189313	NonCancer	0.00E+00	4.73E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
2434	ALL	654469	4189329	NonCancer	0.00E+00	4.85E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2435	ALL	654427.8	4189346	NonCancer	0.00E+00	4.51E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
2436	ALL	654386.7	4189362	NonCancer	0.00E+00	4.51E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
2437	ALL	654345.5	4189378	NonCancer	0.00E+00	4.35E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
2438	ALL	654304.4	4189394	NonCancer	0.00E+00	4.77E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2439	ALL	654263.2	4189410	NonCancer	0.00E+00	4.72E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.72E-05	0.00E+00	4.72E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2440	ALL	654222.1	4189427	NonCancer	0.00E+00	4.26E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2441	ALL	654180.9	4189443	NonCancer	0.00E+00	4.61E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.61E-05	0.00E+00	4.61E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
2442	ALL	654139.7	4189459	NonCancer	0.00E+00	4.60E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2443	ALL	654098.6	4189475	NonCancer	0.00E+00	4.66E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2444	ALL	654057.4	4189491	NonCancer	0.00E+00	4.95E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.95E-05	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2445	ALL	654016.3	4189508	NonCancer	0.00E+00	4.55E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
2446	ALL	653975.1	4189524	NonCancer	0.00E+00	4.09E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.09E-05	0.00E+00	4.09E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
2447	ALL	653934	4189540	NonCancer	0.00E+00	4.05E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.05E-05	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
2448	ALL	653892.8	4189556	NonCancer	0.00E+00	4.14E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
2449	ALL	653851.7	4189572	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03

2450	ALL	655408.1	4188080	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
2451	ALL	655411.2	4188035	NonCancer	0.00E+00	4.20E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
2452	ALL	655414.4	4187991	NonCancer	0.00E+00	4.01E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2453	ALL	655646.3	4188139	NonCancer	0.00E+00	3.37E-05	8.52E-04	0.00E+00	0.00E+00	8.52E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	8.52E-04
2454	ALL	655627.1	4188180	NonCancer	0.00E+00	3.37E-05	8.51E-04	0.00E+00	0.00E+00	8.51E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.51E-04
2455	ALL	655608	4188220	NonCancer	0.00E+00	3.44E-05	8.70E-04	0.00E+00	0.00E+00	8.70E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	8.70E-04
2456	ALL	655588.8	4188260	NonCancer	0.00E+00	3.38E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
2457	ALL	655569.7	4188300	NonCancer	0.00E+00	3.45E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
2458	ALL	655550.5	4188340	NonCancer	0.00E+00	3.50E-05	8.86E-04	0.00E+00	0.00E+00	8.86E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	8.86E-04
2459	ALL	655531.3	4188380	NonCancer	0.00E+00	3.55E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
2460	ALL	655512.2	4188420	NonCancer	0.00E+00	3.62E-05	9.16E-04	0.00E+00	0.00E+00	9.16E-04	3.62E-05	0.00E+00	3.62E-05	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	9.16E-04
2461	ALL	655493	4188460	NonCancer	0.00E+00	3.61E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
2462	ALL	655473.9	4188500	NonCancer	0.00E+00	3.70E-05	9.33E-04	0.00E+00	0.00E+00	9.33E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	9.33E-04
2463	ALL	655454.7	4188540	NonCancer	0.00E+00	3.60E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.60E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
2464	ALL	655435.6	4188581	NonCancer	0.00E+00	3.66E-05	9.25E-04	0.00E+00	0.00E+00	9.25E-04	3.66E-05	0.00E+00	3.66E-05	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	9.25E-04
2465	ALL	655416.4	4188621	NonCancer	0.00E+00	3.60E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.60E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
2466	ALL	655397.2	4188661	NonCancer	0.00E+00	3.63E-05	9.21E-04	0.00E+00	0.00E+00	9.21E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	9.21E-04
2467	ALL	655378.1	4188701	NonCancer	0.00E+00	3.66E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.66E-05	0.00E+00	3.66E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
2468	ALL	655358.9	4188741	NonCancer	0.00E+00	3.64E-05	9.23E-04	0.00E+00	0.00E+00	9.23E-04	3.64E-05	0.00E+00	3.64E-05	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	9.23E-04
2469	ALL	655339.8	4188781	NonCancer	0.00E+00	3.63E-05	9.17E-04	0.00E+00	0.00E+00	9.17E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	9.17E-04
2470	ALL	655320.6	4188821	NonCancer	0.00E+00	3.68E-05	9.31E-04	0.00E+00	0.00E+00	9.31E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.31E-04	0.00E+00	0.00E+00	9.31E-04
2471	ALL	655301.4	4188861	NonCancer	0.00E+00	3.68E-05	9.37E-04	0.00E+00	0.00E+00	9.37E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	9.37E-04
2472	ALL	655282.3	4188901	NonCancer	0.00E+00	4.84E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.84E-05	0.00E+00	4.84E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
2473	ALL	655263.1	4188941	NonCancer	0.00E+00	4.95E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.95E-05	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2474	ALL	655244	4188981	NonCancer	0.00E+00	3.96E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	3.96E-05	0.00E+00	3.96E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
2475	ALL	655224.8	4189022	NonCancer	0.00E+00	3.98E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2476	ALL	655205.7	4189062	NonCancer	0.00E+00	3.51E-05	9.05E-04	0.00E+00	0.00E+00	9.05E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	9.05E-04
2477	ALL	655186.5	4189102	NonCancer	0.00E+00	3.49E-05	8.84E-04	0.00E+00	0.00E+00	8.84E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	8.84E-04
2478	ALL	655167.3	4189142	NonCancer	0.00E+00	4.33E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.33E-05	0.00E+00	4.33E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2479	ALL	655148.2	4189182	NonCancer	0.00E+00	4.85E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
2480	ALL	655129	4189222	NonCancer	0.00E+00	4.62E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
2481	ALL	655109.9	4189262	NonCancer	0.00E+00	3.76E-05	9.90E-04	0.00E+00	0.00E+00	9.90E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.90E-04	0.00E+00	0.00E+00	9.90E-04
2482	ALL	655090.7	4189302	NonCancer	0.00E+00	3.55E-05	9.19E-04	0.00E+00	0.00E+00	9.19E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	9.19E-04
2483	ALL	655050.9	4189350	NonCancer	0.00E+00	3.90E-05	9.76E-04	0.00E+00	0.00E+00	9.76E-04	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	9.76E-04
2484	ALL	655009.5	4189367	NonCancer	0.00E+00	3.88E-05	9.83E-04	0.00E+00	0.00E+00	9.83E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.83E-04	0.00E+00	0.00E+00	9.83E-04
2485	ALL	654968.2	4189383	NonCancer	0.00E+00	3.68E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
2486	ALL	654926.8	4189399	NonCancer	0.00E+00	3.40E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
2487	ALL	654885.5	4189416	NonCancer	0.00E+00	3.91E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.91E-05	0.00E+00	3.91E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
2488	ALL	654844.2	4189432	NonCancer	0.00E+00	3.84E-05	9.82E-04	0.00E+00	0.00E+00	9.82E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	9.82E-04
2489	ALL	654802.8	4189448	NonCancer	0.00E+00	3.75E-05	9.60E-04	0.00E+00	0.00E+00	9.60E-04	3.75E-05	0.00E+00	3.75E-05	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	9.60E-04
2490	ALL	654761.5	4189464	NonCancer	0.00E+00	3.80E-05	9.69E-04	0.00E+00	0.00E+00	9.69E-04	3.80E-05	0.00E+00	3.80E-05	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	9.69E-04
2491	ALL	654720.1	4189481	NonCancer	0.00E+00	3.70E-05	9.47E-04	0.00E+00	0.00E+00	9.47E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	9.47E-04
2492	ALL	654678.8	4189497	NonCancer	0.00E+00	3.98E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2493	ALL	654637.4	4189513	NonCancer	0.00E+00	3.99E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
2494	ALL	654596.1	4189529	NonCancer	0.00E+00	3.86E-05	9.87E-04	0.00E+00	0.00E+00	9.87E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.87E-04	0.00E+00	0.00E+00	9.87E-04
2495	ALL	654554.7	4189546	NonCancer	0.00E+00	3.93E-05	9.99E-04	0.00E+00	0.00E+00	9.99E-04	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	9.99E-04
2496	ALL	654513.4	4189562	NonCancer	0.00E+00	3.58E-05	9.25E-04	0.00E+00	0.00E+00	9.25E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	9.25E-04
2497	ALL	654472	4189578	NonCancer	0.00E+00	3.67E-05	9.34E-04	0.00E+00	0.00E+00	9.34E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	9.34E-04
2498	ALL	654430.7	4189595	NonCancer	0.00E+00	3.66E-05	9.34E-04	0.00E+00	0.00E+00	9.34E-04	3.66E-05	0.00E+00	3.66E-05	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	9.34E-04
2499	ALL	654389.3	4189611	NonCancer	0.00E+00	3.92E-05	9.93E-04	0.00E+00	0.00E+00	9.93E-04	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	9.93E-04

2500	ALL	654348	4189627	NonCancer	0.00E+00	3.90E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
2501	ALL	654306.7	4189643	NonCancer	0.00E+00	3.50E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
2502	ALL	654265.3	4189660	NonCancer	0.00E+00	3.67E-05	9.30E-04	0.00E+00	0.00E+00	9.30E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.30E-04
2503	ALL	654224	4189676	NonCancer	0.00E+00	3.89E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
2504	ALL	654182.6	4189692	NonCancer	0.00E+00	3.84E-05	9.79E-04	0.00E+00	0.00E+00	9.79E-04	3.84E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	9.79E-04
2505	ALL	654141.3	4189708	NonCancer	0.00E+00	3.82E-05	9.75E-04	0.00E+00	0.00E+00	9.75E-04	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	9.75E-04
2506	ALL	654099.9	4189725	NonCancer	0.00E+00	4.06E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
2507	ALL	654058.6	4189741	NonCancer	0.00E+00	3.73E-05	9.61E-04	0.00E+00	0.00E+00	9.61E-04	3.73E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	9.61E-04
2508	ALL	654017.2	4189757	NonCancer	0.00E+00	3.38E-05	8.74E-04	0.00E+00	0.00E+00	8.74E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	8.74E-04
2509	ALL	653975.9	4189774	NonCancer	0.00E+00	3.34E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
2510	ALL	653934.5	4189790	NonCancer	0.00E+00	3.33E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
2511	ALL	653893.2	4189806	NonCancer	0.00E+00	3.48E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
2512	ALL	653851.8	4189822	NonCancer	0.00E+00	3.39E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
2513	ALL	655657.4	4188097	NonCancer	0.00E+00	3.37E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
2514	ALL	655660.6	4188053	NonCancer	0.00E+00	3.48E-05	8.81E-04	0.00E+00	0.00E+00	8.81E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	8.81E-04
2515	ALL	655663.7	4188008	NonCancer	0.00E+00	3.31E-05	8.38E-04	0.00E+00	0.00E+00	8.38E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	8.38E-04
2516	ALL	656145.1	4188175	NonCancer	0.00E+00	2.44E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
2517	ALL	656126.1	4188215	NonCancer	0.00E+00	2.33E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
2518	ALL	656107	4188254	NonCancer	0.00E+00	2.48E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
2519	ALL	656088	4188294	NonCancer	0.00E+00	2.50E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
2520	ALL	656069	4188334	NonCancer	0.00E+00	2.44E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
2521	ALL	656049.9	4188374	NonCancer	0.00E+00	2.46E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
2522	ALL	656030.9	4188414	NonCancer	0.00E+00	2.56E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2523	ALL	656011.9	4188454	NonCancer	0.00E+00	2.70E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
2524	ALL	655992.8	4188493	NonCancer	0.00E+00	2.90E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
2525	ALL	655973.8	4188533	NonCancer	0.00E+00	2.64E-05	6.74E-04	0.00E+00	0.00E+00	6.74E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
2526	ALL	655954.8	4188573	NonCancer	0.00E+00	2.57E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2527	ALL	655935.8	4188613	NonCancer	0.00E+00	2.62E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
2528	ALL	655916.7	4188653	NonCancer	0.00E+00	2.65E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
2529	ALL	655897.7	4188692	NonCancer	0.00E+00	2.61E-05	6.62E-04	0.00E+00	0.00E+00	6.62E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	6.62E-04
2530	ALL	655878.7	4188732	NonCancer	0.00E+00	2.64E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2531	ALL	655859.6	4188772	NonCancer	0.00E+00	2.61E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
2532	ALL	655840.6	4188812	NonCancer	0.00E+00	2.66E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2533	ALL	655821.6	4188852	NonCancer	0.00E+00	2.63E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2534	ALL	655802.5	4188892	NonCancer	0.00E+00	2.65E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
2535	ALL	655783.5	4188931	NonCancer	0.00E+00	2.66E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2536	ALL	655764.5	4188971	NonCancer	0.00E+00	2.60E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
2537	ALL	655745.4	4189011	NonCancer	0.00E+00	2.64E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2538	ALL	655726.4	4189051	NonCancer	0.00E+00	2.63E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
2539	ALL	655707.4	4189091	NonCancer	0.00E+00	2.86E-05	7.33E-04	0.00E+00	0.00E+00	7.33E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	7.33E-04
2540	ALL	655688.3	4189131	NonCancer	0.00E+00	3.86E-05	9.68E-04	0.00E+00	0.00E+00	9.68E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	9.68E-04
2541	ALL	655669.3	4189170	NonCancer	0.00E+00	4.30E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.30E-05	0.00E+00	4.30E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
2542	ALL	655650.3	4189210	NonCancer	0.00E+00	3.97E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.97E-05	0.00E+00	3.97E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
2543	ALL	655631.2	4189250	NonCancer	0.00E+00	3.04E-05	8.13E-04	0.00E+00	0.00E+00	8.13E-04	3.04E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.13E-04
2544	ALL	655612.2	4189290	NonCancer	0.00E+00	2.93E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04
2545	ALL	655593.2	4189330	NonCancer	0.00E+00	2.59E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
2546	ALL	655574.2	4189370	NonCancer	0.00E+00	2.51E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2547	ALL	655555.1	4189409	NonCancer	0.00E+00	2.89E-05	7.42E-04	0.00E+00	0.00E+00	7.42E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	7.42E-04
2548	ALL	655536.1	4189449	NonCancer	0.00E+00	3.65E-05	9.19E-04	0.00E+00	0.00E+00	9.19E-04	3.65E-05	0.00E+00	3.65E-05	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	9.19E-04
2549	ALL	655517.1	4189489	NonCancer	0.00E+00	4.08E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03

2550	ALL	655498	4189529	NonCancer	0.00E+00	4.04E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
2551	ALL	655479	4189569	NonCancer	0.00E+00	3.57E-05	9.22E-04	0.00E+00	0.00E+00	9.22E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	9.22E-04
2552	ALL	655460	4189609	NonCancer	0.00E+00	2.82E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
2553	ALL	655440.9	4189648	NonCancer	0.00E+00	2.59E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
2554	ALL	655421.9	4189688	NonCancer	0.00E+00	2.87E-05	7.21E-04	0.00E+00	0.00E+00	7.21E-04	2.87E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	7.21E-04
2555	ALL	655391.8	4189716	NonCancer	0.00E+00	3.32E-05	8.30E-04	0.00E+00	0.00E+00	8.30E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	8.30E-04
2556	ALL	655350.8	4189732	NonCancer	0.00E+00	3.30E-05	8.36E-04	0.00E+00	0.00E+00	8.36E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	8.36E-04
2557	ALL	655309.7	4189749	NonCancer	0.00E+00	2.82E-05	7.35E-04	0.00E+00	0.00E+00	7.35E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
2558	ALL	655268.6	4189765	NonCancer	0.00E+00	2.47E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2559	ALL	655227.6	4189781	NonCancer	0.00E+00	2.51E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2560	ALL	655186.5	4189797	NonCancer	0.00E+00	2.83E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.83E-05	0.00E+00	2.83E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
2561	ALL	655145.4	4189813	NonCancer	0.00E+00	2.81E-05	7.17E-04	0.00E+00	0.00E+00	7.17E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	7.17E-04
2562	ALL	655104.3	4189829	NonCancer	0.00E+00	2.68E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
2563	ALL	655063.3	4189846	NonCancer	0.00E+00	2.76E-05	6.98E-04	0.00E+00	0.00E+00	6.98E-04	2.76E-05	0.00E+00	2.76E-05	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	6.98E-04
2564	ALL	655022.2	4189862	NonCancer	0.00E+00	2.71E-05	6.92E-04	0.00E+00	0.00E+00	6.92E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	6.92E-04
2565	ALL	654981.1	4189878	NonCancer	0.00E+00	2.62E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
2566	ALL	654940	4189894	NonCancer	0.00E+00	2.85E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.85E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
2567	ALL	654899	4189910	NonCancer	0.00E+00	2.94E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
2568	ALL	654857.9	4189926	NonCancer	0.00E+00	2.73E-05	7.05E-04	0.00E+00	0.00E+00	7.05E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	7.05E-04
2569	ALL	654816.8	4189943	NonCancer	0.00E+00	2.80E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.80E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
2570	ALL	654775.7	4189959	NonCancer	0.00E+00	2.86E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
2571	ALL	654734.7	4189975	NonCancer	0.00E+00	2.64E-05	6.80E-04	0.00E+00	0.00E+00	6.80E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	6.80E-04
2572	ALL	654693.6	4189991	NonCancer	0.00E+00	2.65E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
2573	ALL	654652.5	4190007	NonCancer	0.00E+00	2.61E-05	6.67E-04	0.00E+00	0.00E+00	6.67E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.67E-04
2574	ALL	654611.4	4190023	NonCancer	0.00E+00	2.63E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
2575	ALL	654570.4	4190040	NonCancer	0.00E+00	2.85E-05	7.20E-04	0.00E+00	0.00E+00	7.20E-04	2.85E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	7.20E-04
2576	ALL	654529.3	4190056	NonCancer	0.00E+00	2.86E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
2577	ALL	654488.2	4190072	NonCancer	0.00E+00	2.65E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
2578	ALL	654447.1	4190088	NonCancer	0.00E+00	2.50E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2579	ALL	654406.1	4190104	NonCancer	0.00E+00	2.63E-05	6.65E-04	0.00E+00	0.00E+00	6.65E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	6.65E-04
2580	ALL	654365	4190120	NonCancer	0.00E+00	2.79E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.79E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
2581	ALL	654323.9	4190137	NonCancer	0.00E+00	2.71E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
2582	ALL	654282.8	4190153	NonCancer	0.00E+00	2.81E-05	7.11E-04	0.00E+00	0.00E+00	7.11E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	7.11E-04
2583	ALL	654241.8	4190169	NonCancer	0.00E+00	2.79E-05	7.10E-04	0.00E+00	0.00E+00	7.10E-04	2.79E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	7.10E-04
2584	ALL	654200.7	4190185	NonCancer	0.00E+00	2.94E-05	7.46E-04	0.00E+00	0.00E+00	7.46E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
2585	ALL	654159.6	4190201	NonCancer	0.00E+00	2.74E-05	7.04E-04	0.00E+00	0.00E+00	7.04E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	7.04E-04
2586	ALL	654118.6	4190217	NonCancer	0.00E+00	2.53E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2587	ALL	654077.5	4190234	NonCancer	0.00E+00	2.41E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
2588	ALL	654036.4	4190250	NonCancer	0.00E+00	2.40E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
2589	ALL	653995.3	4190266	NonCancer	0.00E+00	2.39E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
2590	ALL	653954.3	4190282	NonCancer	0.00E+00	2.71E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
2591	ALL	653913.2	4190298	NonCancer	0.00E+00	2.67E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
2592	ALL	653872.1	4190314	NonCancer	0.00E+00	2.50E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
2593	ALL	656156.2	4188133	NonCancer	0.00E+00	2.41E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
2594	ALL	656159.3	4188088	NonCancer	0.00E+00	2.53E-05	6.42E-04	0.00E+00	0.00E+00	6.42E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	6.42E-04
2595	ALL	656162.5	4188044	NonCancer	0.00E+00	2.46E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
2596	ALL	656643.8	4188210	NonCancer	0.00E+00	1.87E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
2597	ALL	656624.6	4188250	NonCancer	0.00E+00	1.84E-05	4.67E-04	0.00E+00	0.00E+00	4.67E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	4.67E-04
2598	ALL	656605.5	4188290	NonCancer	0.00E+00	1.86E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
2599	ALL	656586.3	4188330	NonCancer	0.00E+00	1.90E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04

2600	ALL	656567.2	4188370	NonCancer	0.00E+00	1.92E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
2601	ALL	656548	4188411	NonCancer	0.00E+00	1.87E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
2602	ALL	656528.9	4188451	NonCancer	0.00E+00	1.89E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2603	ALL	656509.7	4188491	NonCancer	0.00E+00	1.96E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
2604	ALL	656490.6	4188531	NonCancer	0.00E+00	2.07E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
2605	ALL	656471.4	4188571	NonCancer	0.00E+00	2.46E-05	6.18E-04	0.00E+00	0.00E+00	6.18E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	6.18E-04
2606	ALL	656452.3	4188611	NonCancer	0.00E+00	2.50E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
2607	ALL	656433.1	4188651	NonCancer	0.00E+00	2.17E-05	5.61E-04	0.00E+00	0.00E+00	5.61E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	5.61E-04
2608	ALL	656414	4188691	NonCancer	0.00E+00	1.99E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
2609	ALL	656394.8	4188731	NonCancer	0.00E+00	2.02E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2610	ALL	656375.7	4188771	NonCancer	0.00E+00	2.05E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2611	ALL	656356.5	4188811	NonCancer	0.00E+00	1.96E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
2612	ALL	656337.4	4188851	NonCancer	0.00E+00	2.02E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
2613	ALL	656318.2	4188892	NonCancer	0.00E+00	2.03E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
2614	ALL	656299	4188932	NonCancer	0.00E+00	2.00E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
2615	ALL	656279.9	4188972	NonCancer	0.00E+00	2.02E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
2616	ALL	656260.7	4189012	NonCancer	0.00E+00	2.01E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
2617	ALL	656241.6	4189052	NonCancer	0.00E+00	2.00E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2618	ALL	656222.4	4189092	NonCancer	0.00E+00	2.02E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
2619	ALL	656203.3	4189132	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
2620	ALL	656184.1	4189172	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2621	ALL	656165	4189212	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2622	ALL	656145.8	4189252	NonCancer	0.00E+00	2.06E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
2623	ALL	656126.7	4189292	NonCancer	0.00E+00	1.95E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2624	ALL	656107.5	4189332	NonCancer	0.00E+00	2.59E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
2625	ALL	656088.4	4189373	NonCancer	0.00E+00	3.36E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
2626	ALL	656069.2	4189413	NonCancer	0.00E+00	3.74E-05	9.37E-04	0.00E+00	0.00E+00	9.37E-04	3.74E-05	0.00E+00	3.74E-05	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	9.37E-04
2627	ALL	656050.1	4189453	NonCancer	0.00E+00	3.58E-05	9.10E-04	0.00E+00	0.00E+00	9.10E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	9.10E-04
2628	ALL	656030.9	4189493	NonCancer	0.00E+00	2.97E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
2629	ALL	656011.8	4189533	NonCancer	0.00E+00	2.29E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
2630	ALL	655992.6	4189573	NonCancer	0.00E+00	2.23E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
2631	ALL	655973.5	4189613	NonCancer	0.00E+00	1.97E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
2632	ALL	655954.3	4189653	NonCancer	0.00E+00	1.93E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
2633	ALL	655935.2	4189693	NonCancer	0.00E+00	2.19E-05	5.72E-04	0.00E+00	0.00E+00	5.72E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	5.72E-04
2634	ALL	655916	4189733	NonCancer	0.00E+00	2.84E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.84E-05	0.00E+00	2.84E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
2635	ALL	655896.9	4189773	NonCancer	0.00E+00	3.34E-05	8.40E-04	0.00E+00	0.00E+00	8.40E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.40E-04
2636	ALL	655877.7	4189813	NonCancer	0.00E+00	3.57E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
2637	ALL	655858.5	4189853	NonCancer	0.00E+00	3.49E-05	8.82E-04	0.00E+00	0.00E+00	8.82E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	8.82E-04
2638	ALL	655839.4	4189894	NonCancer	0.00E+00	3.11E-05	8.01E-04	0.00E+00	0.00E+00	8.01E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	8.01E-04
2639	ALL	655820.2	4189934	NonCancer	0.00E+00	2.54E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
2640	ALL	655801.1	4189974	NonCancer	0.00E+00	2.09E-05	5.62E-04	0.00E+00	0.00E+00	5.62E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04
2641	ALL	655781.9	4190014	NonCancer	0.00E+00	2.09E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
2642	ALL	655762.8	4190054	NonCancer	0.00E+00	2.59E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2643	ALL	655732.5	4190082	NonCancer	0.00E+00	2.90E-05	7.26E-04	0.00E+00	0.00E+00	7.26E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	7.26E-04
2644	ALL	655691.2	4190098	NonCancer	0.00E+00	2.89E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
2645	ALL	655649.9	4190115	NonCancer	0.00E+00	2.55E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
2646	ALL	655608.5	4190131	NonCancer	0.00E+00	2.01E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
2647	ALL	655567.2	4190147	NonCancer	0.00E+00	1.83E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
2648	ALL	655525.9	4190163	NonCancer	0.00E+00	1.97E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
2649	ALL	655484.5	4190180	NonCancer	0.00E+00	2.18E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04

2650	ALL	655443.2	4190196	NonCancer	0.00E+00	2.16E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
2651	ALL	655401.9	4190212	NonCancer	0.00E+00	2.02E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2652	ALL	655360.5	4190229	NonCancer	0.00E+00	2.06E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
2653	ALL	655319.2	4190245	NonCancer	0.00E+00	2.12E-05	5.39E-04	0.00E+00	0.00E+00	5.39E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	5.39E-04
2654	ALL	655277.9	4190261	NonCancer	0.00E+00	2.08E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
2655	ALL	655236.5	4190277	NonCancer	0.00E+00	2.02E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
2656	ALL	655195.2	4190294	NonCancer	0.00E+00	2.18E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
2657	ALL	655153.9	4190310	NonCancer	0.00E+00	2.25E-05	5.69E-04	0.00E+00	0.00E+00	5.69E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	5.69E-04
2658	ALL	655112.5	4190326	NonCancer	0.00E+00	2.19E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
2659	ALL	655071.2	4190342	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2660	ALL	655029.9	4190359	NonCancer	0.00E+00	2.19E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
2661	ALL	654988.5	4190375	NonCancer	0.00E+00	2.18E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
2662	ALL	654947.2	4190391	NonCancer	0.00E+00	2.03E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
2663	ALL	654905.9	4190407	NonCancer	0.00E+00	2.00E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2664	ALL	654864.5	4190424	NonCancer	0.00E+00	2.03E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
2665	ALL	654823.2	4190440	NonCancer	0.00E+00	1.99E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
2666	ALL	654781.9	4190456	NonCancer	0.00E+00	2.08E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
2667	ALL	654740.5	4190473	NonCancer	0.00E+00	2.19E-05	5.54E-04	0.00E+00	0.00E+00	5.54E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	5.54E-04
2668	ALL	654699.2	4190489	NonCancer	0.00E+00	2.19E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
2669	ALL	654657.9	4190505	NonCancer	0.00E+00	2.07E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
2670	ALL	654616.5	4190521	NonCancer	0.00E+00	1.93E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2671	ALL	654575.2	4190538	NonCancer	0.00E+00	1.93E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
2672	ALL	654533.8	4190554	NonCancer	0.00E+00	2.04E-05	5.15E-04	0.00E+00	0.00E+00	5.15E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	5.15E-04
2673	ALL	654492.5	4190570	NonCancer	0.00E+00	2.14E-05	5.42E-04	0.00E+00	0.00E+00	5.42E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	5.42E-04
2674	ALL	654451.2	4190586	NonCancer	0.00E+00	2.08E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
2675	ALL	654409.8	4190603	NonCancer	0.00E+00	2.14E-05	5.43E-04	0.00E+00	0.00E+00	5.43E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	5.43E-04
2676	ALL	654368.5	4190619	NonCancer	0.00E+00	2.11E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
2677	ALL	654327.2	4190635	NonCancer	0.00E+00	2.22E-05	5.61E-04	0.00E+00	0.00E+00	5.61E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	5.61E-04
2678	ALL	654285.8	4190652	NonCancer	0.00E+00	2.23E-05	5.68E-04	0.00E+00	0.00E+00	5.68E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	5.68E-04
2679	ALL	654244.5	4190668	NonCancer	0.00E+00	2.09E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
2680	ALL	654203.2	4190684	NonCancer	0.00E+00	1.95E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2681	ALL	654161.8	4190700	NonCancer	0.00E+00	1.86E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2682	ALL	654120.5	4190717	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
2683	ALL	654079.2	4190733	NonCancer	0.00E+00	1.84E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
2684	ALL	654037.8	4190749	NonCancer	0.00E+00	2.11E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
2685	ALL	653996.5	4190765	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
2686	ALL	653955.2	4190782	NonCancer	0.00E+00	2.34E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
2687	ALL	653913.8	4190798	NonCancer	0.00E+00	2.03E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04
2688	ALL	653872.5	4190814	NonCancer	0.00E+00	2.04E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
2689	ALL	656654.9	4188168	NonCancer	0.00E+00	1.84E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
2690	ALL	656658.1	4188124	NonCancer	0.00E+00	1.94E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
2691	ALL	656661.2	4188079	NonCancer	0.00E+00	1.88E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2692	ALL	657142.6	4188245	NonCancer	0.00E+00	1.51E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
2693	ALL	657123.5	4188285	NonCancer	0.00E+00	1.51E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
2694	ALL	657104.5	4188325	NonCancer	0.00E+00	1.43E-05	3.65E-04	0.00E+00	0.00E+00	3.65E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	3.65E-04
2695	ALL	657085.4	4188365	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
2696	ALL	657066.3	4188405	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
2697	ALL	657047.3	4188445	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
2698	ALL	657028.2	4188485	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
2699	ALL	657009.1	4188525	NonCancer	0.00E+00	1.50E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04

2700	ALL	656990.1	4188565	NonCancer	0.00E+00	1.53E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
2701	ALL	656971	4188605	NonCancer	0.00E+00	1.59E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2702	ALL	656951.9	4188644	NonCancer	0.00E+00	1.98E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
2703	ALL	656932.9	4188684	NonCancer	0.00E+00	2.23E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
2704	ALL	656913.8	4188724	NonCancer	0.00E+00	2.22E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
2705	ALL	656894.7	4188764	NonCancer	0.00E+00	1.94E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
2706	ALL	656875.7	4188804	NonCancer	0.00E+00	1.61E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
2707	ALL	656856.6	4188844	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2708	ALL	656837.6	4188884	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2709	ALL	656818.5	4188924	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2710	ALL	656799.4	4188964	NonCancer	0.00E+00	1.54E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
2711	ALL	656780.4	4189003	NonCancer	0.00E+00	1.62E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
2712	ALL	656761.3	4189043	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2713	ALL	656742.2	4189083	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2714	ALL	656723.2	4189123	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2715	ALL	656704.1	4189163	NonCancer	0.00E+00	1.64E-05	4.14E-04	0.00E+00	0.00E+00	4.14E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	4.14E-04
2716	ALL	656685	4189203	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2717	ALL	656666	4189243	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2718	ALL	656646.9	4189283	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2719	ALL	656627.8	4189323	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2720	ALL	656608.8	4189363	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2721	ALL	656589.7	4189402	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
2722	ALL	656570.7	4189442	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2723	ALL	656551.6	4189482	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
2724	ALL	656532.5	4189522	NonCancer	0.00E+00	1.58E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
2725	ALL	656513.5	4189562	NonCancer	0.00E+00	2.16E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
2726	ALL	656494.4	4189602	NonCancer	0.00E+00	2.81E-05	7.12E-04	0.00E+00	0.00E+00	7.12E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.12E-04
2727	ALL	656475.3	4189642	NonCancer	0.00E+00	3.24E-05	8.14E-04	0.00E+00	0.00E+00	8.14E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	8.14E-04
2728	ALL	656456.3	4189682	NonCancer	0.00E+00	3.32E-05	8.36E-04	0.00E+00	0.00E+00	8.36E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	8.36E-04
2729	ALL	656437.2	4189722	NonCancer	0.00E+00	3.02E-05	7.73E-04	0.00E+00	0.00E+00	7.73E-04	3.02E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	7.73E-04
2730	ALL	656418.1	4189762	NonCancer	0.00E+00	2.44E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
2731	ALL	656399.1	4189801	NonCancer	0.00E+00	1.85E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
2732	ALL	656380	4189841	NonCancer	0.00E+00	1.81E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
2733	ALL	656360.9	4189881	NonCancer	0.00E+00	1.61E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
2734	ALL	656341.9	4189921	NonCancer	0.00E+00	1.56E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
2735	ALL	656322.8	4189961	NonCancer	0.00E+00	1.58E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
2736	ALL	656303.7	4190001	NonCancer	0.00E+00	2.02E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
2737	ALL	656284.7	4190041	NonCancer	0.00E+00	2.53E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
2738	ALL	656265.6	4190081	NonCancer	0.00E+00	2.94E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
2739	ALL	656246.6	4190121	NonCancer	0.00E+00	3.15E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
2740	ALL	656227.5	4190160	NonCancer	0.00E+00	3.14E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
2741	ALL	656208.4	4190200	NonCancer	0.00E+00	2.91E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
2742	ALL	656189.4	4190240	NonCancer	0.00E+00	2.52E-05	6.58E-04	0.00E+00	0.00E+00	6.58E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	6.58E-04
2743	ALL	656170.3	4190280	NonCancer	0.00E+00	2.04E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
2744	ALL	656151.2	4190320	NonCancer	0.00E+00	1.68E-05	4.58E-04	0.00E+00	0.00E+00	4.58E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
2745	ALL	656132.2	4190360	NonCancer	0.00E+00	1.75E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
2746	ALL	656113.1	4190400	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
2747	ALL	656073.5	4190448	NonCancer	0.00E+00	2.58E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
2748	ALL	656032.3	4190464	NonCancer	0.00E+00	2.57E-05	6.50E-04	0.00E+00	0.00E+00	6.50E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	6.50E-04
2749	ALL	655991.2	4190480	NonCancer	0.00E+00	2.33E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04

2750	ALL	655950	4190496	NonCancer	0.00E+00	1.92E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
2751	ALL	655908.9	4190513	NonCancer	0.00E+00	1.54E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
2752	ALL	655867.7	4190529	NonCancer	0.00E+00	1.49E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
2753	ALL	655826.6	4190545	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
2754	ALL	655785.5	4190561	NonCancer	0.00E+00	1.74E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
2755	ALL	655744.3	4190577	NonCancer	0.00E+00	1.74E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
2756	ALL	655703.2	4190594	NonCancer	0.00E+00	1.60E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
2757	ALL	655662	4190610	NonCancer	0.00E+00	1.65E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
2758	ALL	655620.9	4190626	NonCancer	0.00E+00	1.68E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
2759	ALL	655579.7	4190642	NonCancer	0.00E+00	1.68E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
2760	ALL	655538.6	4190658	NonCancer	0.00E+00	1.65E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
2761	ALL	655497.4	4190675	NonCancer	0.00E+00	1.59E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
2762	ALL	655456.3	4190691	NonCancer	0.00E+00	1.73E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
2763	ALL	655415.1	4190707	NonCancer	0.00E+00	1.76E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
2764	ALL	655374	4190723	NonCancer	0.00E+00	1.79E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
2765	ALL	655332.9	4190739	NonCancer	0.00E+00	1.68E-05	4.32E-04	0.00E+00	0.00E+00	4.32E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	4.32E-04
2766	ALL	655291.7	4190756	NonCancer	0.00E+00	1.59E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2767	ALL	655250.6	4190772	NonCancer	0.00E+00	1.75E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
2768	ALL	655209.4	4190788	NonCancer	0.00E+00	1.75E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
2769	ALL	655168.3	4190804	NonCancer	0.00E+00	1.64E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
2770	ALL	655127.1	4190820	NonCancer	0.00E+00	1.54E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
2771	ALL	655086	4190837	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2772	ALL	655044.8	4190853	NonCancer	0.00E+00	1.59E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2773	ALL	655003.7	4190869	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
2774	ALL	654962.6	4190885	NonCancer	0.00E+00	1.65E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
2775	ALL	654921.4	4190901	NonCancer	0.00E+00	1.75E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
2776	ALL	654880.3	4190918	NonCancer	0.00E+00	1.73E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
2777	ALL	654839.1	4190934	NonCancer	0.00E+00	1.71E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
2778	ALL	654798	4190950	NonCancer	0.00E+00	1.56E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
2779	ALL	654756.8	4190966	NonCancer	0.00E+00	1.53E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
2780	ALL	654715.7	4190982	NonCancer	0.00E+00	1.54E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
2781	ALL	654674.5	4190999	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2782	ALL	654633.4	4191015	NonCancer	0.00E+00	1.69E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
2783	ALL	654592.2	4191031	NonCancer	0.00E+00	1.70E-05	4.32E-04	0.00E+00	0.00E+00	4.32E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	4.32E-04
2784	ALL	654551.1	4191047	NonCancer	0.00E+00	1.64E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
2785	ALL	654510	4191063	NonCancer	0.00E+00	1.73E-05	4.37E-04	0.00E+00	0.00E+00	4.37E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	4.37E-04
2786	ALL	654468.8	4191080	NonCancer	0.00E+00	1.65E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
2787	ALL	654427.7	4191096	NonCancer	0.00E+00	1.78E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
2788	ALL	654386.5	4191112	NonCancer	0.00E+00	1.80E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
2789	ALL	654345.4	4191128	NonCancer	0.00E+00	1.68E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
2790	ALL	654304.2	4191144	NonCancer	0.00E+00	1.59E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
2791	ALL	654263.1	4191161	NonCancer	0.00E+00	1.51E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
2792	ALL	654221.9	4191177	NonCancer	0.00E+00	1.46E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
2793	ALL	654180.8	4191193	NonCancer	0.00E+00	1.49E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
2794	ALL	654139.7	4191209	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
2795	ALL	654098.5	4191225	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
2796	ALL	654057.4	4191241	NonCancer	0.00E+00	2.05E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
2797	ALL	654016.2	4191258	NonCancer	0.00E+00	2.13E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
2798	ALL	653975.1	4191274	NonCancer	0.00E+00	1.99E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
2799	ALL	653933.9	4191290	NonCancer	0.00E+00	1.68E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04

2800	ALL	653892.8	4191306	NonCancer	0.00E+00	1.64E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
2801	ALL	653851.6	4191322	NonCancer	0.00E+00	1.68E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
2802	ALL	657153.7	4188203	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
2803	ALL	657156.8	4188159	NonCancer	0.00E+00	1.54E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
2804	ALL	657160	4188114	NonCancer	0.00E+00	1.52E-05	3.86E-04	0.00E+00	0.00E+00	3.86E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	3.86E-04
2805	ALL	657641.3	4188281	NonCancer	0.00E+00	1.35E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
2806	ALL	657622.1	4188321	NonCancer	0.00E+00	1.37E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2807	ALL	657603	4188361	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
2808	ALL	657583.8	4188401	NonCancer	0.00E+00	1.22E-05	3.11E-04	0.00E+00	0.00E+00	3.11E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	3.11E-04
2809	ALL	657564.7	4188441	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
2810	ALL	657545.5	4188481	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
2811	ALL	657526.4	4188521	NonCancer	0.00E+00	1.25E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
2812	ALL	657507.2	4188561	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
2813	ALL	657488.1	4188601	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
2814	ALL	657468.9	4188642	NonCancer	0.00E+00	1.24E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
2815	ALL	657449.8	4188682	NonCancer	0.00E+00	1.30E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2816	ALL	657430.6	4188722	NonCancer	0.00E+00	1.58E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
2817	ALL	657411.5	4188762	NonCancer	0.00E+00	1.89E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
2818	ALL	657392.3	4188802	NonCancer	0.00E+00	2.04E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
2819	ALL	657373.2	4188842	NonCancer	0.00E+00	1.97E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
2820	ALL	657354	4188882	NonCancer	0.00E+00	1.71E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
2821	ALL	657334.9	4188922	NonCancer	0.00E+00	1.34E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2822	ALL	657315.7	4188962	NonCancer	0.00E+00	1.32E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
2823	ALL	657296.6	4189002	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2824	ALL	657277.4	4189042	NonCancer	0.00E+00	1.35E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
2825	ALL	657258.3	4189082	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2826	ALL	657239.1	4189122	NonCancer	0.00E+00	1.28E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2827	ALL	657220	4189163	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2828	ALL	657200.8	4189203	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2829	ALL	657181.7	4189243	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2830	ALL	657162.6	4189283	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2831	ALL	657143.4	4189323	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2832	ALL	657124.3	4189363	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2833	ALL	657105.1	4189403	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2834	ALL	657086	4189443	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2835	ALL	657066.8	4189483	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2836	ALL	657047.7	4189523	NonCancer	0.00E+00	1.35E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
2837	ALL	657028.5	4189563	NonCancer	0.00E+00	1.33E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2838	ALL	657009.4	4189603	NonCancer	0.00E+00	1.32E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
2839	ALL	656990.2	4189643	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2840	ALL	656971.1	4189683	NonCancer	0.00E+00	1.36E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
2841	ALL	656951.9	4189724	NonCancer	0.00E+00	1.31E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2842	ALL	656932.8	4189764	NonCancer	0.00E+00	1.44E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
2843	ALL	656913.6	4189804	NonCancer	0.00E+00	2.01E-05	5.20E-04	0.00E+00	0.00E+00	5.20E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	5.20E-04
2844	ALL	656894.5	4189844	NonCancer	0.00E+00	2.54E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04
2845	ALL	656875.3	4189884	NonCancer	0.00E+00	2.91E-05	7.31E-04	0.00E+00	0.00E+00	7.31E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	7.31E-04
2846	ALL	656856.2	4189924	NonCancer	0.00E+00	3.01E-05	7.57E-04	0.00E+00	0.00E+00	7.57E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	7.57E-04
2847	ALL	656837	4189964	NonCancer	0.00E+00	2.82E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
2848	ALL	656817.9	4190004	NonCancer	0.00E+00	2.39E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
2849	ALL	656798.7	4190044	NonCancer	0.00E+00	1.85E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04

2850	ALL	656779.6	4190084	NonCancer	0.00E+00	1.53E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
2851	ALL	656760.4	4190124	NonCancer	0.00E+00	1.47E-05	3.86E-04	0.00E+00	0.00E+00	3.86E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	3.86E-04
2852	ALL	656741.3	4190164	NonCancer	0.00E+00	1.31E-05	3.37E-04	0.00E+00	0.00E+00	3.37E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	3.37E-04
2853	ALL	656722.1	4190204	NonCancer	0.00E+00	1.28E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
2854	ALL	656703	4190245	NonCancer	0.00E+00	1.30E-05	3.45E-04	0.00E+00	0.00E+00	3.45E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
2855	ALL	656683.8	4190285	NonCancer	0.00E+00	1.61E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
2856	ALL	656664.7	4190325	NonCancer	0.00E+00	2.05E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
2857	ALL	656645.5	4190365	NonCancer	0.00E+00	2.44E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
2858	ALL	656626.4	4190405	NonCancer	0.00E+00	2.73E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
2859	ALL	656607.2	4190445	NonCancer	0.00E+00	2.86E-05	7.20E-04	0.00E+00	0.00E+00	7.20E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	7.20E-04
2860	ALL	656588.1	4190485	NonCancer	0.00E+00	2.82E-05	7.13E-04	0.00E+00	0.00E+00	7.13E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	7.13E-04
2861	ALL	656568.9	4190525	NonCancer	0.00E+00	2.62E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
2862	ALL	656549.8	4190565	NonCancer	0.00E+00	2.29E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
2863	ALL	656530.6	4190605	NonCancer	0.00E+00	1.89E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
2864	ALL	656511.5	4190645	NonCancer	0.00E+00	1.48E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
2865	ALL	656492.3	4190685	NonCancer	0.00E+00	1.34E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
2866	ALL	656473.2	4190725	NonCancer	0.00E+00	1.67E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
2867	ALL	656454	4190766	NonCancer	0.00E+00	2.03E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
2868	ALL	656414.2	4190814	NonCancer	0.00E+00	2.34E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
2869	ALL	656372.9	4190830	NonCancer	0.00E+00	2.33E-05	5.88E-04	0.00E+00	0.00E+00	5.88E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	5.88E-04
2870	ALL	656331.5	4190846	NonCancer	0.00E+00	2.14E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
2871	ALL	656290.2	4190863	NonCancer	0.00E+00	1.81E-05	4.78E-04	0.00E+00	0.00E+00	4.78E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	4.78E-04
2872	ALL	656248.9	4190879	NonCancer	0.00E+00	1.42E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
2873	ALL	656207.6	4190895	NonCancer	0.00E+00	1.22E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2874	ALL	656166.2	4190911	NonCancer	0.00E+00	1.25E-05	3.26E-04	0.00E+00	0.00E+00	3.26E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
2875	ALL	656124.9	4190928	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2876	ALL	656083.6	4190944	NonCancer	0.00E+00	1.43E-05	3.62E-04	0.00E+00	0.00E+00	3.62E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2877	ALL	656042.2	4190960	NonCancer	0.00E+00	1.43E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
2878	ALL	656000.9	4190976	NonCancer	0.00E+00	1.33E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2879	ALL	655959.6	4190993	NonCancer	0.00E+00	1.35E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2880	ALL	655918.3	4191009	NonCancer	0.00E+00	1.35E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
2881	ALL	655876.9	4191025	NonCancer	0.00E+00	1.39E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
2882	ALL	655835.6	4191042	NonCancer	0.00E+00	1.36E-05	3.46E-04	0.00E+00	0.00E+00	3.46E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	3.46E-04
2883	ALL	655794.3	4191058	NonCancer	0.00E+00	1.35E-05	3.44E-04	0.00E+00	0.00E+00	3.44E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	3.44E-04
2884	ALL	655752.9	4191074	NonCancer	0.00E+00	1.31E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
2885	ALL	655711.6	4191090	NonCancer	0.00E+00	1.42E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2886	ALL	655670.3	4191107	NonCancer	0.00E+00	1.43E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
2887	ALL	655629	4191123	NonCancer	0.00E+00	1.48E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
2888	ALL	655587.6	4191139	NonCancer	0.00E+00	1.43E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
2889	ALL	655546.3	4191155	NonCancer	0.00E+00	1.29E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2890	ALL	655505	4191172	NonCancer	0.00E+00	1.36E-05	3.45E-04	0.00E+00	0.00E+00	3.45E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
2891	ALL	655463.6	4191188	NonCancer	0.00E+00	1.46E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
2892	ALL	655422.3	4191204	NonCancer	0.00E+00	1.44E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
2893	ALL	655381	4191220	NonCancer	0.00E+00	1.35E-05	3.47E-04	0.00E+00	0.00E+00	3.47E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	3.47E-04
2894	ALL	655339.7	4191237	NonCancer	0.00E+00	1.31E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2895	ALL	655298.3	4191253	NonCancer	0.00E+00	1.31E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2896	ALL	655257	4191269	NonCancer	0.00E+00	1.33E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
2897	ALL	655215.7	4191286	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
2898	ALL	655174.3	4191302	NonCancer	0.00E+00	1.27E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
2899	ALL	655133	4191318	NonCancer	0.00E+00	1.39E-05	3.51E-04	0.00E+00	0.00E+00	3.51E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04

2900	ALL	655091.7	4191334	NonCancer	0.00E+00	1.44E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
2901	ALL	655050.4	4191351	NonCancer	0.00E+00	1.42E-05	3.62E-04	0.00E+00	0.00E+00	3.62E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2902	ALL	655009	4191367	NonCancer	0.00E+00	1.41E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
2903	ALL	654967.7	4191383	NonCancer	0.00E+00	1.31E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
2904	ALL	654926.4	4191399	NonCancer	0.00E+00	1.26E-05	3.26E-04	0.00E+00	0.00E+00	3.26E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
2905	ALL	654885	4191416	NonCancer	0.00E+00	1.25E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
2906	ALL	654843.7	4191432	NonCancer	0.00E+00	1.29E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
2907	ALL	654802.4	4191448	NonCancer	0.00E+00	1.35E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
2908	ALL	654761.1	4191464	NonCancer	0.00E+00	1.39E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2909	ALL	654719.7	4191481	NonCancer	0.00E+00	1.39E-05	3.55E-04	0.00E+00	0.00E+00	3.55E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.55E-04
2910	ALL	654678.4	4191497	NonCancer	0.00E+00	1.32E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
2911	ALL	654637.1	4191513	NonCancer	0.00E+00	1.42E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
2912	ALL	654595.7	4191530	NonCancer	0.00E+00	1.40E-05	3.57E-04	0.00E+00	0.00E+00	3.57E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	3.57E-04
2913	ALL	654554.4	4191546	NonCancer	0.00E+00	1.39E-05	3.54E-04	0.00E+00	0.00E+00	3.54E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2914	ALL	654513.1	4191562	NonCancer	0.00E+00	1.48E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
2915	ALL	654471.8	4191578	NonCancer	0.00E+00	1.46E-05	3.72E-04	0.00E+00	0.00E+00	3.72E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.72E-04
2916	ALL	654430.4	4191595	NonCancer	0.00E+00	1.37E-05	3.52E-04	0.00E+00	0.00E+00	3.52E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	3.52E-04
2917	ALL	654389.1	4191611	NonCancer	0.00E+00	1.30E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
2918	ALL	654347.8	4191627	NonCancer	0.00E+00	1.26E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
2919	ALL	654306.4	4191643	NonCancer	0.00E+00	1.22E-05	3.10E-04	0.00E+00	0.00E+00	3.10E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	3.10E-04
2920	ALL	654265.1	4191660	NonCancer	0.00E+00	1.22E-05	3.10E-04	0.00E+00	0.00E+00	3.10E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	3.10E-04
2921	ALL	654223.8	4191676	NonCancer	0.00E+00	1.20E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
2922	ALL	654182.5	4191692	NonCancer	0.00E+00	1.35E-05	3.49E-04	0.00E+00	0.00E+00	3.49E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
2923	ALL	654141.1	4191709	NonCancer	0.00E+00	1.66E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
2924	ALL	654099.8	4191725	NonCancer	0.00E+00	1.86E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
2925	ALL	654058.5	4191741	NonCancer	0.00E+00	1.92E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
2926	ALL	654017.1	4191757	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
2927	ALL	653975.8	4191774	NonCancer	0.00E+00	1.58E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
2928	ALL	653934.5	4191790	NonCancer	0.00E+00	1.32E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
2929	ALL	653893.2	4191806	NonCancer	0.00E+00	1.38E-05	3.52E-04	0.00E+00	0.00E+00	3.52E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	3.52E-04
2930	ALL	653851.8	4191822	NonCancer	0.00E+00	1.40E-05	3.69E-04	0.00E+00	0.00E+00	3.69E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
2931	ALL	657652.4	4188239	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
2932	ALL	657655.6	4188194	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
2933	ALL	657658.7	4188150	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
2934	ALL	653819	4187853	NonCancer	0.00E+00	1.25E-03	3.09E-02	0.00E+00	0.00E+00	3.09E-02	1.25E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	3.09E-02
2935	ALL	653794.3	4187852	NonCancer	0.00E+00	1.40E-03	3.47E-02	0.00E+00	0.00E+00	3.47E-02	1.40E-03	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	3.47E-02
2936	ALL	653769.5	4187851	NonCancer	0.00E+00	1.47E-03	3.67E-02	0.00E+00	0.00E+00	3.67E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	3.67E-02
2937	ALL	653744.7	4187851	NonCancer	0.00E+00	1.44E-03	3.67E-02	0.00E+00	0.00E+00	3.67E-02	1.44E-03	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	3.67E-02
2938	ALL	653719.9	4187850	NonCancer	0.00E+00	1.54E-03	3.90E-02	0.00E+00	0.00E+00	3.90E-02	1.54E-03	0.00E+00	1.54E-03	0.00E+00	0.00E+00	3.90E-02	0.00E+00	0.00E+00	3.90E-02
2939	ALL	653695.1	4187849	NonCancer	0.00E+00	1.36E-03	3.52E-02	0.00E+00	0.00E+00	3.52E-02	1.36E-03	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	3.52E-02
2940	ALL	653837.6	4187836	NonCancer	0.00E+00	1.01E-03	2.53E-02	0.00E+00	0.00E+00	2.53E-02	1.01E-03	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	2.53E-02
2941	ALL	653794.9	4187827	NonCancer	0.00E+00	1.18E-03	2.95E-02	0.00E+00	0.00E+00	2.95E-02	1.18E-03	0.00E+00	1.18E-03	0.00E+00	0.00E+00	2.95E-02	0.00E+00	0.00E+00	2.95E-02
2942	ALL	653770.1	4187826	NonCancer	0.00E+00	1.21E-03	3.05E-02	0.00E+00	0.00E+00	3.05E-02	1.21E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	3.05E-02
2943	ALL	653745.4	4187826	NonCancer	0.00E+00	1.19E-03	3.02E-02	0.00E+00	0.00E+00	3.02E-02	1.19E-03	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.02E-02	0.00E+00	0.00E+00	3.02E-02
2944	ALL	653720.6	4187825	NonCancer	0.00E+00	1.23E-03	3.11E-02	0.00E+00	0.00E+00	3.11E-02	1.23E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	3.11E-02
2945	ALL	653695.8	4187824	NonCancer	0.00E+00	1.11E-03	2.91E-02	0.00E+00	0.00E+00	2.91E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	2.91E-02
2946	ALL	653838.2	4187811	NonCancer	0.00E+00	8.99E-04	2.23E-02	0.00E+00	0.00E+00	2.23E-02	8.99E-04	0.00E+00	8.99E-04	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	2.23E-02
2947	ALL	653880.3	4187846	NonCancer	0.00E+00	9.45E-04	2.32E-02	0.00E+00	0.00E+00	2.32E-02	9.45E-04	0.00E+00	9.45E-04	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	2.32E-02
2948	ALL	653795.6	4187802	NonCancer	0.00E+00	9.75E-04	2.44E-02	0.00E+00	0.00E+00	2.44E-02	9.75E-04	0.00E+00	9.75E-04	0.00E+00	0.00E+00	2.44E-02	0.00E+00	0.00E+00	2.44E-02
2949	ALL	653770.8	4187801	NonCancer	0.00E+00	9.87E-04	2.49E-02	0.00E+00	0.00E+00	2.49E-02	9.87E-04	0.00E+00	9.87E-04	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	2.49E-02

2950	ALL	653746	4187801	NonCancer	0.00E+00	9.92E-04	2.52E-02	0.00E+00	0.00E+00	2.52E-02	9.92E-04	0.00E+00	9.92E-04	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	2.52E-02
2951	ALL	653721.3	4187800	NonCancer	0.00E+00	9.88E-04	2.51E-02	0.00E+00	0.00E+00	2.51E-02	9.88E-04	0.00E+00	9.88E-04	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	2.51E-02
2952	ALL	653696.5	4187799	NonCancer	0.00E+00	9.58E-04	2.49E-02	0.00E+00	0.00E+00	2.49E-02	9.58E-04	0.00E+00	9.58E-04	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	2.49E-02
2953	ALL	653838.9	4187786	NonCancer	0.00E+00	8.40E-04	2.08E-02	0.00E+00	0.00E+00	2.08E-02	8.40E-04	0.00E+00	8.40E-04	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	2.08E-02
2954	ALL	653874.6	4187802	NonCancer	0.00E+00	7.62E-04	1.90E-02	0.00E+00	0.00E+00	1.90E-02	7.62E-04	0.00E+00	7.62E-04	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.90E-02
2955	ALL	653898.9	4187829	NonCancer	0.00E+00	8.05E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	8.05E-04	0.00E+00	8.05E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
2956	ALL	653796.3	4187777	NonCancer	0.00E+00	8.22E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.22E-04	0.00E+00	8.22E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
2957	ALL	653771.5	4187776	NonCancer	0.00E+00	8.64E-04	2.17E-02	0.00E+00	0.00E+00	2.17E-02	8.64E-04	0.00E+00	8.64E-04	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	2.17E-02
2958	ALL	653746.7	4187776	NonCancer	0.00E+00	8.45E-04	2.14E-02	0.00E+00	0.00E+00	2.14E-02	8.45E-04	0.00E+00	8.45E-04	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.14E-02
2959	ALL	653721.9	4187775	NonCancer	0.00E+00	8.37E-04	2.13E-02	0.00E+00	0.00E+00	2.13E-02	8.37E-04	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	2.13E-02
2960	ALL	653697.1	4187774	NonCancer	0.00E+00	8.22E-04	2.14E-02	0.00E+00	0.00E+00	2.14E-02	8.22E-04	0.00E+00	8.22E-04	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.14E-02
2961	ALL	653843.8	4187738	NonCancer	0.00E+00	6.48E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.48E-04	0.00E+00	6.48E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2962	ALL	653865.2	4187747	NonCancer	0.00E+00	6.56E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.56E-04	0.00E+00	6.56E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
2963	ALL	653886.6	4187757	NonCancer	0.00E+00	6.13E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	6.13E-04	0.00E+00	6.13E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
2964	ALL	653908.1	4187767	NonCancer	0.00E+00	6.02E-04	1.50E-02	0.00E+00	0.00E+00	1.50E-02	6.02E-04	0.00E+00	6.02E-04	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.50E-02
2965	ALL	653937.2	4187799	NonCancer	0.00E+00	6.24E-04	1.55E-02	0.00E+00	0.00E+00	1.55E-02	6.24E-04	0.00E+00	6.24E-04	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.55E-02
2966	ALL	653944.9	4187821	NonCancer	0.00E+00	6.50E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.50E-04	0.00E+00	6.50E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
2967	ALL	653952.6	4187844	NonCancer	0.00E+00	7.11E-04	1.77E-02	0.00E+00	0.00E+00	1.77E-02	7.11E-04	0.00E+00	7.11E-04	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.77E-02
2968	ALL	653960.3	4187866	NonCancer	0.00E+00	5.69E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.69E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
2969	ALL	653822.4	4187728	NonCancer	0.00E+00	6.46E-04	1.61E-02	0.00E+00	0.00E+00	1.61E-02	6.46E-04	0.00E+00	6.46E-04	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	1.61E-02
2970	ALL	653797.6	4187727	NonCancer	0.00E+00	6.60E-04	1.66E-02	0.00E+00	0.00E+00	1.66E-02	6.60E-04	0.00E+00	6.60E-04	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.66E-02
2971	ALL	653772.8	4187726	NonCancer	0.00E+00	6.92E-04	1.73E-02	0.00E+00	0.00E+00	1.73E-02	6.92E-04	0.00E+00	6.92E-04	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.73E-02
2972	ALL	653748	4187726	NonCancer	0.00E+00	6.57E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.57E-04	0.00E+00	6.57E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
2973	ALL	653723.3	4187725	NonCancer	0.00E+00	6.61E-04	1.67E-02	0.00E+00	0.00E+00	1.67E-02	6.61E-04	0.00E+00	6.61E-04	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.67E-02
2974	ALL	653698.5	4187724	NonCancer	0.00E+00	6.81E-04	1.75E-02	0.00E+00	0.00E+00	1.75E-02	6.81E-04	0.00E+00	6.81E-04	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.75E-02
2975	ALL	653844.1	4187687	NonCancer	0.00E+00	5.36E-04	1.34E-02	0.00E+00	0.00E+00	1.34E-02	5.36E-04	0.00E+00	5.36E-04	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	1.34E-02
2976	ALL	653884.9	4187706	NonCancer	0.00E+00	5.39E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
2977	ALL	653905.3	4187715	NonCancer	0.00E+00	5.04E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	5.04E-04	0.00E+00	5.04E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
2978	ALL	653946.1	4187734	NonCancer	0.00E+00	4.86E-04	1.20E-02	0.00E+00	0.00E+00	1.20E-02	4.86E-04	0.00E+00	4.86E-04	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.20E-02
2979	ALL	653973.8	4187764	NonCancer	0.00E+00	4.89E-04	1.22E-02	0.00E+00	0.00E+00	1.22E-02	4.89E-04	0.00E+00	4.89E-04	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.22E-02
2980	ALL	653988.5	4187807	NonCancer	0.00E+00	5.79E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.79E-04	0.00E+00	5.79E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
2981	ALL	654003.2	4187849	NonCancer	0.00E+00	4.50E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.50E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
2982	ALL	653798.9	4187677	NonCancer	0.00E+00	5.19E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.19E-04	0.00E+00	5.19E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
2983	ALL	653774.2	4187676	NonCancer	0.00E+00	5.46E-04	1.38E-02	0.00E+00	0.00E+00	1.38E-02	5.46E-04	0.00E+00	5.46E-04	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.38E-02
2984	ALL	653749.4	4187676	NonCancer	0.00E+00	5.36E-04	1.37E-02	0.00E+00	0.00E+00	1.37E-02	5.36E-04	0.00E+00	5.36E-04	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.37E-02
2985	ALL	653724.6	4187675	NonCancer	0.00E+00	5.53E-04	1.39E-02	0.00E+00	0.00E+00	1.39E-02	5.53E-04	0.00E+00	5.53E-04	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.39E-02
2986	ALL	653699.8	4187674	NonCancer	0.00E+00	5.39E-04	1.39E-02	0.00E+00	0.00E+00	1.39E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.39E-02
2987	ALL	653847.4	4187638	NonCancer	0.00E+00	4.41E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.41E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
2988	ALL	653869.7	4187648	NonCancer	0.00E+00	4.54E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.54E-04	0.00E+00	4.54E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
2989	ALL	653892	4187658	NonCancer	0.00E+00	4.35E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.35E-04	0.00E+00	4.35E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
2990	ALL	653914.3	4187669	NonCancer	0.00E+00	4.39E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
2991	ALL	653936.6	4187679	NonCancer	0.00E+00	4.23E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.23E-04	0.00E+00	4.23E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
2992	ALL	653958.9	4187689	NonCancer	0.00E+00	3.91E-04	9.85E-03	0.00E+00	0.00E+00	9.85E-03	3.91E-04	0.00E+00	3.91E-04	0.00E+00	0.00E+00	9.85E-03	0.00E+00	0.00E+00	9.85E-03
2993	ALL	653981.2	4187699	NonCancer	0.00E+00	3.98E-04	9.87E-03	0.00E+00	0.00E+00	9.87E-03	3.98E-04	0.00E+00	3.98E-04	0.00E+00	0.00E+00	9.87E-03	0.00E+00	0.00E+00	9.87E-03
2994	ALL	654011.6	4187733	NonCancer	0.00E+00	4.04E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.04E-04	0.00E+00	4.04E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
2995	ALL	654019.6	4187756	NonCancer	0.00E+00	4.26E-04	1.06E-02	0.00E+00	0.00E+00	1.06E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.06E-02
2996	ALL	654027.6	4187779	NonCancer	0.00E+00	4.66E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.66E-04	0.00E+00	4.66E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
2997	ALL	654035.6	4187802	NonCancer	0.00E+00	4.35E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.35E-04	0.00E+00	4.35E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
2998	ALL	654043.7	4187826	NonCancer	0.00E+00	3.71E-04	9.21E-03	0.00E+00	0.00E+00	9.21E-03	3.71E-04	0.00E+00	3.71E-04	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	9.21E-03
2999	ALL	654051.7	4187849	NonCancer	0.00E+00	3.66E-04	9.08E-03	0.00E+00	0.00E+00	9.08E-03	3.66E-04	0.00E+00	3.66E-04	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	9.08E-03

3000	ALL	654059.7	4187872	NonCancer	0.00E+00	3.57E-04	8.85E-03	0.00E+00	0.00E+00	8.85E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	8.85E-03
3001	ALL	653825	4187628	NonCancer	0.00E+00	4.32E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.32E-04	0.00E+00	4.32E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
3002	ALL	653800.3	4187627	NonCancer	0.00E+00	4.31E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.31E-04	0.00E+00	4.31E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
3003	ALL	653775.5	4187626	NonCancer	0.00E+00	4.25E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.25E-04	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
3004	ALL	653750.7	4187626	NonCancer	0.00E+00	4.45E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
3005	ALL	653725.9	4187625	NonCancer	0.00E+00	4.69E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.69E-04	0.00E+00	4.69E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
3006	ALL	653701.2	4187624	NonCancer	0.00E+00	4.25E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.25E-04	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
3007	ALL	653847.8	4187588	NonCancer	0.00E+00	3.77E-04	9.50E-03	0.00E+00	0.00E+00	9.50E-03	3.77E-04	0.00E+00	3.77E-04	0.00E+00	0.00E+00	9.50E-03	0.00E+00	0.00E+00	9.50E-03
3008	ALL	653869.2	4187597	NonCancer	0.00E+00	3.83E-04	9.66E-03	0.00E+00	0.00E+00	9.66E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.66E-03
3009	ALL	653890.6	4187607	NonCancer	0.00E+00	3.86E-04	9.66E-03	0.00E+00	0.00E+00	9.66E-03	3.86E-04	0.00E+00	3.86E-04	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	9.66E-03
3010	ALL	653912.1	4187617	NonCancer	0.00E+00	3.71E-04	9.39E-03	0.00E+00	0.00E+00	9.39E-03	3.71E-04	0.00E+00	3.71E-04	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	9.39E-03
3011	ALL	653933.5	4187627	NonCancer	0.00E+00	3.82E-04	9.44E-03	0.00E+00	0.00E+00	9.44E-03	3.82E-04	0.00E+00	3.82E-04	0.00E+00	0.00E+00	9.44E-03	0.00E+00	0.00E+00	9.44E-03
3012	ALL	653954.9	4187637	NonCancer	0.00E+00	3.51E-04	8.84E-03	0.00E+00	0.00E+00	8.84E-03	3.51E-04	0.00E+00	3.51E-04	0.00E+00	0.00E+00	8.84E-03	0.00E+00	0.00E+00	8.84E-03
3013	ALL	653976.3	4187647	NonCancer	0.00E+00	3.36E-04	8.43E-03	0.00E+00	0.00E+00	8.43E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	8.43E-03
3014	ALL	653997.7	4187656	NonCancer	0.00E+00	3.31E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.31E-04	0.00E+00	3.31E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
3015	ALL	654019.2	4187666	NonCancer	0.00E+00	3.23E-04	8.06E-03	0.00E+00	0.00E+00	8.06E-03	3.23E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	8.06E-03
3016	ALL	654048.3	4187698	NonCancer	0.00E+00	3.32E-04	8.35E-03	0.00E+00	0.00E+00	8.35E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	8.35E-03
3017	ALL	654056	4187721	NonCancer	0.00E+00	3.45E-04	8.65E-03	0.00E+00	0.00E+00	8.65E-03	3.45E-04	0.00E+00	3.45E-04	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	8.65E-03
3018	ALL	654063.7	4187743	NonCancer	0.00E+00	3.64E-04	9.13E-03	0.00E+00	0.00E+00	9.13E-03	3.64E-04	0.00E+00	3.64E-04	0.00E+00	0.00E+00	9.13E-03	0.00E+00	0.00E+00	9.13E-03
3019	ALL	654071.4	4187765	NonCancer	0.00E+00	4.10E-04	1.02E-02	0.00E+00	0.00E+00	1.02E-02	4.10E-04	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.02E-02
3020	ALL	654079.1	4187787	NonCancer	0.00E+00	3.18E-04	8.18E-03	0.00E+00	0.00E+00	8.18E-03	3.18E-04	0.00E+00	3.18E-04	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	8.18E-03
3021	ALL	654086.8	4187810	NonCancer	0.00E+00	3.13E-04	7.78E-03	0.00E+00	0.00E+00	7.78E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	7.78E-03
3022	ALL	654094.5	4187832	NonCancer	0.00E+00	3.07E-04	7.64E-03	0.00E+00	0.00E+00	7.64E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	7.64E-03
3023	ALL	654102.2	4187854	NonCancer	0.00E+00	2.97E-04	7.37E-03	0.00E+00	0.00E+00	7.37E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	7.37E-03
3024	ALL	654109.9	4187877	NonCancer	0.00E+00	3.03E-04	7.51E-03	0.00E+00	0.00E+00	7.51E-03	3.03E-04	0.00E+00	3.03E-04	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	7.51E-03
3025	ALL	653826.4	4187578	NonCancer	0.00E+00	3.67E-04	9.27E-03	0.00E+00	0.00E+00	9.27E-03	3.67E-04	0.00E+00	3.67E-04	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	9.27E-03
3026	ALL	653801.6	4187577	NonCancer	0.00E+00	3.84E-04	9.65E-03	0.00E+00	0.00E+00	9.65E-03	3.84E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	9.65E-03	0.00E+00	0.00E+00	9.65E-03
3027	ALL	653776.8	4187576	NonCancer	0.00E+00	3.53E-04	9.05E-03	0.00E+00	0.00E+00	9.05E-03	3.53E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	9.05E-03	0.00E+00	0.00E+00	9.05E-03
3028	ALL	653752	4187576	NonCancer	0.00E+00	3.76E-04	9.48E-03	0.00E+00	0.00E+00	9.48E-03	3.76E-04	0.00E+00	3.76E-04	0.00E+00	0.00E+00	9.48E-03	0.00E+00	0.00E+00	9.48E-03
3029	ALL	653727.3	4187575	NonCancer	0.00E+00	4.03E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	4.03E-04	0.00E+00	4.03E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
3030	ALL	653702.5	4187574	NonCancer	0.00E+00	3.60E-04	9.37E-03	0.00E+00	0.00E+00	9.37E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	9.37E-03
3031	ALL	653848.5	4187537	NonCancer	0.00E+00	3.19E-04	8.05E-03	0.00E+00	0.00E+00	8.05E-03	3.19E-04	0.00E+00	3.19E-04	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.05E-03
3032	ALL	653869.4	4187547	NonCancer	0.00E+00	3.15E-04	8.00E-03	0.00E+00	0.00E+00	8.00E-03	3.15E-04	0.00E+00	3.15E-04	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.00E-03
3033	ALL	653890.2	4187556	NonCancer	0.00E+00	3.28E-04	8.29E-03	0.00E+00	0.00E+00	8.29E-03	3.28E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.29E-03
3034	ALL	653911	4187566	NonCancer	0.00E+00	3.32E-04	8.32E-03	0.00E+00	0.00E+00	8.32E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	8.32E-03
3035	ALL	653931.8	4187576	NonCancer	0.00E+00	3.22E-04	8.15E-03	0.00E+00	0.00E+00	8.15E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.15E-03	0.00E+00	0.00E+00	8.15E-03
3036	ALL	653952.7	4187585	NonCancer	0.00E+00	3.33E-04	8.28E-03	0.00E+00	0.00E+00	8.28E-03	3.33E-04	0.00E+00	3.33E-04	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	8.28E-03
3037	ALL	653973.5	4187595	NonCancer	0.00E+00	2.88E-04	7.33E-03	0.00E+00	0.00E+00	7.33E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.33E-03	0.00E+00	0.00E+00	7.33E-03
3038	ALL	653994.3	4187604	NonCancer	0.00E+00	3.07E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
3039	ALL	654015.1	4187614	NonCancer	0.00E+00	2.92E-04	7.32E-03	0.00E+00	0.00E+00	7.32E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	7.32E-03
3040	ALL	654036	4187623	NonCancer	0.00E+00	2.97E-04	7.45E-03	0.00E+00	0.00E+00	7.45E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.45E-03	0.00E+00	0.00E+00	7.45E-03
3041	ALL	654056.8	4187633	NonCancer	0.00E+00	2.72E-04	6.79E-03	0.00E+00	0.00E+00	6.79E-03	2.72E-04	0.00E+00	2.72E-04	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	6.79E-03
3042	ALL	654085.1	4187664	NonCancer	0.00E+00	2.78E-04	7.04E-03	0.00E+00	0.00E+00	7.04E-03	2.78E-04	0.00E+00	2.78E-04	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	7.04E-03
3043	ALL	654092.6	4187686	NonCancer	0.00E+00	2.97E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.97E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
3044	ALL	654100.1	4187707	NonCancer	0.00E+00	3.07E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	3.07E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
3045	ALL	654107.6	4187729	NonCancer	0.00E+00	3.37E-04	8.48E-03	0.00E+00	0.00E+00	8.48E-03	3.37E-04	0.00E+00	3.37E-04	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	8.48E-03
3046	ALL	654115.1	4187751	NonCancer	0.00E+00	3.36E-04	8.46E-03	0.00E+00	0.00E+00	8.46E-03	3.36E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	8.46E-03
3047	ALL	654122.6	4187772	NonCancer	0.00E+00	2.42E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
3048	ALL	654130	4187794	NonCancer	0.00E+00	2.66E-04	6.65E-03	0.00E+00	0.00E+00	6.65E-03	2.66E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	6.65E-03
3049	ALL	654137.5	4187816	NonCancer	0.00E+00	2.63E-04	6.56E-03	0.00E+00	0.00E+00	6.56E-03	2.63E-04	0.00E+00	2.63E-04	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	6.56E-03

3050	ALL	654145	4187837	NonCancer	0.00E+00	2.49E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3051	ALL	654152.5	4187859	NonCancer	0.00E+00	2.53E-04	6.31E-03	0.00E+00	0.00E+00	6.31E-03	2.53E-04	0.00E+00	2.53E-04	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	6.31E-03
3052	ALL	654160	4187881	NonCancer	0.00E+00	2.55E-04	6.38E-03	0.00E+00	0.00E+00	6.38E-03	2.55E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	6.38E-03
3053	ALL	653827.7	4187528	NonCancer	0.00E+00	2.93E-04	7.52E-03	0.00E+00	0.00E+00	7.52E-03	2.93E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	7.52E-03
3054	ALL	653802.9	4187527	NonCancer	0.00E+00	3.32E-04	8.30E-03	0.00E+00	0.00E+00	8.30E-03	3.32E-04	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	8.30E-03
3055	ALL	653778.2	4187526	NonCancer	0.00E+00	2.96E-04	7.66E-03	0.00E+00	0.00E+00	7.66E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	7.66E-03
3056	ALL	653753.4	4187526	NonCancer	0.00E+00	3.22E-04	8.09E-03	0.00E+00	0.00E+00	8.09E-03	3.22E-04	0.00E+00	3.22E-04	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	8.09E-03
3057	ALL	653728.6	4187525	NonCancer	0.00E+00	3.50E-04	8.73E-03	0.00E+00	0.00E+00	8.73E-03	3.50E-04	0.00E+00	3.50E-04	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	8.73E-03
3058	ALL	653703.8	4187524	NonCancer	0.00E+00	3.04E-04	7.95E-03	0.00E+00	0.00E+00	7.95E-03	3.04E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	7.95E-03	0.00E+00	0.00E+00	7.95E-03
3059	ALL	653851.8	4187438	NonCancer	0.00E+00	2.36E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
3060	ALL	653873.2	4187447	NonCancer	0.00E+00	2.47E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3061	ALL	653894.6	4187457	NonCancer	0.00E+00	2.44E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3062	ALL	653916.1	4187467	NonCancer	0.00E+00	2.60E-04	6.55E-03	0.00E+00	0.00E+00	6.55E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	6.55E-03
3063	ALL	653937.5	4187477	NonCancer	0.00E+00	2.60E-04	6.51E-03	0.00E+00	0.00E+00	6.51E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	6.51E-03
3064	ALL	653958.9	4187487	NonCancer	0.00E+00	2.48E-04	6.26E-03	0.00E+00	0.00E+00	6.26E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	6.26E-03
3065	ALL	653980.3	4187497	NonCancer	0.00E+00	2.39E-04	6.11E-03	0.00E+00	0.00E+00	6.11E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	6.11E-03
3066	ALL	654001.7	4187506	NonCancer	0.00E+00	2.59E-04	6.45E-03	0.00E+00	0.00E+00	6.45E-03	2.59E-04	0.00E+00	2.59E-04	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	6.45E-03
3067	ALL	654023.2	4187516	NonCancer	0.00E+00	2.21E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.21E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
3068	ALL	654044.6	4187526	NonCancer	0.00E+00	2.41E-04	6.02E-03	0.00E+00	0.00E+00	6.02E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	6.02E-03
3069	ALL	654066	4187536	NonCancer	0.00E+00	2.29E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
3070	ALL	654087.4	4187546	NonCancer	0.00E+00	2.13E-04	5.44E-03	0.00E+00	0.00E+00	5.44E-03	2.13E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	5.44E-03
3071	ALL	654108.8	4187556	NonCancer	0.00E+00	2.29E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
3072	ALL	654130.3	4187565	NonCancer	0.00E+00	2.07E-04	5.16E-03	0.00E+00	0.00E+00	5.16E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	5.16E-03
3073	ALL	654159.4	4187598	NonCancer	0.00E+00	2.08E-04	5.29E-03	0.00E+00	0.00E+00	5.29E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	5.29E-03
3074	ALL	654167.1	4187620	NonCancer	0.00E+00	2.33E-04	5.82E-03	0.00E+00	0.00E+00	5.82E-03	2.33E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	5.82E-03
3075	ALL	654174.8	4187642	NonCancer	0.00E+00	2.38E-04	5.97E-03	0.00E+00	0.00E+00	5.97E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	5.97E-03
3076	ALL	654182.5	4187664	NonCancer	0.00E+00	2.41E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
3077	ALL	654190.2	4187687	NonCancer	0.00E+00	2.70E-04	6.77E-03	0.00E+00	0.00E+00	6.77E-03	2.70E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	6.77E-03
3078	ALL	654197.9	4187709	NonCancer	0.00E+00	2.47E-04	6.27E-03	0.00E+00	0.00E+00	6.27E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.27E-03
3079	ALL	654205.6	4187731	NonCancer	0.00E+00	1.83E-04	4.74E-03	0.00E+00	0.00E+00	4.74E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	4.74E-03
3080	ALL	654213.3	4187753	NonCancer	0.00E+00	2.06E-04	5.15E-03	0.00E+00	0.00E+00	5.15E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	5.15E-03
3081	ALL	654221	4187776	NonCancer	0.00E+00	1.95E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
3082	ALL	654228.7	4187798	NonCancer	0.00E+00	1.94E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
3083	ALL	654236.4	4187820	NonCancer	0.00E+00	1.98E-04	4.93E-03	0.00E+00	0.00E+00	4.93E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	4.93E-03
3084	ALL	654244.1	4187843	NonCancer	0.00E+00	1.98E-04	4.94E-03	0.00E+00	0.00E+00	4.94E-03	1.98E-04	0.00E+00	1.98E-04	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	4.94E-03
3085	ALL	654251.8	4187865	NonCancer	0.00E+00	1.96E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
3086	ALL	654259.5	4187887	NonCancer	0.00E+00	2.02E-04	5.03E-03	0.00E+00	0.00E+00	5.03E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	5.03E-03
3087	ALL	653830.4	4187428	NonCancer	0.00E+00	2.47E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.47E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
3088	ALL	653805.6	4187427	NonCancer	0.00E+00	2.42E-04	6.16E-03	0.00E+00	0.00E+00	6.16E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	6.16E-03
3089	ALL	653780.8	4187426	NonCancer	0.00E+00	2.29E-04	5.89E-03	0.00E+00	0.00E+00	5.89E-03	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	5.89E-03
3090	ALL	653756	4187426	NonCancer	0.00E+00	2.48E-04	6.18E-03	0.00E+00	0.00E+00	6.18E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	6.18E-03
3091	ALL	653731.3	4187425	NonCancer	0.00E+00	2.72E-04	6.78E-03	0.00E+00	0.00E+00	6.78E-03	2.72E-04	0.00E+00	2.72E-04	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	6.78E-03
3092	ALL	653706.5	4187424	NonCancer	0.00E+00	2.26E-04	5.94E-03	0.00E+00	0.00E+00	5.94E-03	2.26E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	5.94E-03
3093	ALL	653854.9	4187338	NonCancer	0.00E+00	1.89E-04	4.82E-03	0.00E+00	0.00E+00	4.82E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	4.82E-03
3094	ALL	653876.7	4187348	NonCancer	0.00E+00	1.96E-04	4.99E-03	0.00E+00	0.00E+00	4.99E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	4.99E-03
3095	ALL	653898.5	4187358	NonCancer	0.00E+00	2.01E-04	5.07E-03	0.00E+00	0.00E+00	5.07E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	5.07E-03
3096	ALL	653920.3	4187368	NonCancer	0.00E+00	1.99E-04	5.07E-03	0.00E+00	0.00E+00	5.07E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	5.07E-03
3097	ALL	653942.1	4187378	NonCancer	0.00E+00	2.08E-04	5.26E-03	0.00E+00	0.00E+00	5.26E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	5.26E-03
3098	ALL	653964	4187388	NonCancer	0.00E+00	2.12E-04	5.33E-03	0.00E+00	0.00E+00	5.33E-03	2.12E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	5.33E-03
3099	ALL	653985.8	4187398	NonCancer	0.00E+00	2.08E-04	5.23E-03	0.00E+00	0.00E+00	5.23E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.23E-03

3100	ALL	654007.6	4187408	NonCancer	0.00E+00	2.04E-04	5.11E-03	0.00E+00	0.00E+00	5.11E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	5.11E-03
3101	ALL	654029.4	4187418	NonCancer	0.00E+00	1.94E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
3102	ALL	654051.2	4187428	NonCancer	0.00E+00	2.08E-04	5.18E-03	0.00E+00	0.00E+00	5.18E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	5.18E-03
3103	ALL	654073	4187438	NonCancer	0.00E+00	1.78E-04	4.54E-03	0.00E+00	0.00E+00	4.54E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.54E-03
3104	ALL	654094.9	4187448	NonCancer	0.00E+00	1.95E-04	4.90E-03	0.00E+00	0.00E+00	4.90E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	4.90E-03
3105	ALL	654116.7	4187458	NonCancer	0.00E+00	1.80E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
3106	ALL	654138.5	4187468	NonCancer	0.00E+00	1.77E-04	4.47E-03	0.00E+00	0.00E+00	4.47E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	4.47E-03
3107	ALL	654160.3	4187478	NonCancer	0.00E+00	1.84E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
3108	ALL	654182.1	4187488	NonCancer	0.00E+00	1.77E-04	4.44E-03	0.00E+00	0.00E+00	4.44E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	4.44E-03
3109	ALL	654203.9	4187498	NonCancer	0.00E+00	1.61E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
3110	ALL	654233.6	4187531	NonCancer	0.00E+00	1.62E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
3111	ALL	654241.4	4187553	NonCancer	0.00E+00	1.87E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
3112	ALL	654249.3	4187576	NonCancer	0.00E+00	1.84E-04	4.64E-03	0.00E+00	0.00E+00	4.64E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	4.64E-03
3113	ALL	654257.1	4187599	NonCancer	0.00E+00	1.88E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
3114	ALL	654265	4187622	NonCancer	0.00E+00	1.95E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
3115	ALL	654272.8	4187644	NonCancer	0.00E+00	2.18E-04	5.47E-03	0.00E+00	0.00E+00	5.47E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	5.47E-03
3116	ALL	654280.7	4187667	NonCancer	0.00E+00	1.89E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
3117	ALL	654288.5	4187690	NonCancer	0.00E+00	1.46E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
3118	ALL	654296.4	4187712	NonCancer	0.00E+00	1.65E-04	4.12E-03	0.00E+00	0.00E+00	4.12E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.12E-03
3119	ALL	654304.2	4187735	NonCancer	0.00E+00	1.58E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
3120	ALL	654312.1	4187758	NonCancer	0.00E+00	1.62E-04	4.06E-03	0.00E+00	0.00E+00	4.06E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	4.06E-03
3121	ALL	654319.9	4187780	NonCancer	0.00E+00	1.49E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
3122	ALL	654327.8	4187803	NonCancer	0.00E+00	1.56E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
3123	ALL	654335.6	4187826	NonCancer	0.00E+00	1.60E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
3124	ALL	654343.5	4187848	NonCancer	0.00E+00	1.56E-04	3.91E-03	0.00E+00	0.00E+00	3.91E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	3.91E-03
3125	ALL	654351.3	4187871	NonCancer	0.00E+00	1.61E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
3126	ALL	654359.1	4187894	NonCancer	0.00E+00	1.57E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
3127	ALL	653833.1	4187328	NonCancer	0.00E+00	2.03E-04	5.07E-03	0.00E+00	0.00E+00	5.07E-03	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	5.07E-03
3128	ALL	653808.3	4187327	NonCancer	0.00E+00	1.86E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
3129	ALL	653783.5	4187326	NonCancer	0.00E+00	1.84E-04	4.69E-03	0.00E+00	0.00E+00	4.69E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	4.69E-03
3130	ALL	653758.7	4187326	NonCancer	0.00E+00	1.99E-04	4.97E-03	0.00E+00	0.00E+00	4.97E-03	1.99E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	4.97E-03
3131	ALL	653733.9	4187325	NonCancer	0.00E+00	2.18E-04	5.45E-03	0.00E+00	0.00E+00	5.45E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	5.45E-03
3132	ALL	653709.2	4187325	NonCancer	0.00E+00	1.88E-04	4.92E-03	0.00E+00	0.00E+00	4.92E-03	1.88E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	4.92E-03
3133	ALL	653857.8	4187238	NonCancer	0.00E+00	1.68E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
3134	ALL	653879.9	4187248	NonCancer	0.00E+00	1.51E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
3135	ALL	653902	4187258	NonCancer	0.00E+00	1.66E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
3136	ALL	653924.1	4187268	NonCancer	0.00E+00	1.68E-04	4.24E-03	0.00E+00	0.00E+00	4.24E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	4.24E-03
3137	ALL	653946.2	4187279	NonCancer	0.00E+00	1.67E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
3138	ALL	653968.3	4187289	NonCancer	0.00E+00	1.73E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.73E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
3139	ALL	653990.4	4187299	NonCancer	0.00E+00	1.71E-04	4.33E-03	0.00E+00	0.00E+00	4.33E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	4.33E-03
3140	ALL	654012.5	4187309	NonCancer	0.00E+00	1.76E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
3141	ALL	654034.6	4187319	NonCancer	0.00E+00	1.64E-04	4.17E-03	0.00E+00	0.00E+00	4.17E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	4.17E-03
3142	ALL	654056.7	4187329	NonCancer	0.00E+00	1.67E-04	4.21E-03	0.00E+00	0.00E+00	4.21E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	4.21E-03
3143	ALL	654078.8	4187339	NonCancer	0.00E+00	1.68E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
3144	ALL	654100.9	4187350	NonCancer	0.00E+00	1.71E-04	4.26E-03	0.00E+00	0.00E+00	4.26E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	4.26E-03
3145	ALL	654123	4187360	NonCancer	0.00E+00	1.47E-04	3.75E-03	0.00E+00	0.00E+00	3.75E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	3.75E-03
3146	ALL	654145.1	4187370	NonCancer	0.00E+00	1.62E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
3147	ALL	654167.2	4187380	NonCancer	0.00E+00	1.50E-04	3.81E-03	0.00E+00	0.00E+00	3.81E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	3.81E-03
3148	ALL	654189.3	4187390	NonCancer	0.00E+00	1.53E-04	3.82E-03	0.00E+00	0.00E+00	3.82E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	3.82E-03
3149	ALL	654211.4	4187400	NonCancer	0.00E+00	1.41E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03

3150	ALL	654233.5	4187410	NonCancer	0.00E+00	1.55E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
3151	ALL	654255.6	4187421	NonCancer	0.00E+00	1.42E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
3152	ALL	654277.7	4187431	NonCancer	0.00E+00	1.28E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3153	ALL	654307.8	4187464	NonCancer	0.00E+00	1.30E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
3154	ALL	654315.7	4187487	NonCancer	0.00E+00	1.53E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.53E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
3155	ALL	654323.7	4187510	NonCancer	0.00E+00	1.48E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
3156	ALL	654331.6	4187533	NonCancer	0.00E+00	1.59E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
3157	ALL	654339.6	4187556	NonCancer	0.00E+00	1.60E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
3158	ALL	654347.5	4187579	NonCancer	0.00E+00	1.71E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
3159	ALL	654355.5	4187602	NonCancer	0.00E+00	1.78E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
3160	ALL	654363.4	4187625	NonCancer	0.00E+00	1.50E-04	3.86E-03	0.00E+00	0.00E+00	3.86E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	3.86E-03
3161	ALL	654371.4	4187648	NonCancer	0.00E+00	1.20E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
3162	ALL	654379.3	4187671	NonCancer	0.00E+00	1.35E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
3163	ALL	654387.3	4187694	NonCancer	0.00E+00	1.29E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
3164	ALL	654395.2	4187717	NonCancer	0.00E+00	1.33E-04	3.32E-03	0.00E+00	0.00E+00	3.32E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	3.32E-03
3165	ALL	654403.2	4187740	NonCancer	0.00E+00	1.27E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
3166	ALL	654411.1	4187763	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3167	ALL	654419	4187786	NonCancer	0.00E+00	1.24E-04	3.13E-03	0.00E+00	0.00E+00	3.13E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	3.13E-03
3168	ALL	654427	4187809	NonCancer	0.00E+00	1.31E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
3169	ALL	654434.9	4187832	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3170	ALL	654442.9	4187855	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
3171	ALL	654450.8	4187878	NonCancer	0.00E+00	1.29E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
3172	ALL	654458.8	4187901	NonCancer	0.00E+00	1.25E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
3173	ALL	653835.7	4187228	NonCancer	0.00E+00	1.61E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
3174	ALL	653810.9	4187227	NonCancer	0.00E+00	1.49E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
3175	ALL	653786.2	4187227	NonCancer	0.00E+00	1.51E-04	3.83E-03	0.00E+00	0.00E+00	3.83E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03
3176	ALL	653761.4	4187226	NonCancer	0.00E+00	1.64E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.64E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
3177	ALL	653736.6	4187225	NonCancer	0.00E+00	1.80E-04	4.49E-03	0.00E+00	0.00E+00	4.49E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	4.49E-03
3178	ALL	653711.8	4187225	NonCancer	0.00E+00	1.63E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
3179	ALL	653860.7	4187138	NonCancer	0.00E+00	1.43E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
3180	ALL	653883	4187148	NonCancer	0.00E+00	1.37E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
3181	ALL	653905.3	4187159	NonCancer	0.00E+00	1.24E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3182	ALL	653927.6	4187169	NonCancer	0.00E+00	1.43E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
3183	ALL	653950	4187179	NonCancer	0.00E+00	1.43E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
3184	ALL	653972.3	4187189	NonCancer	0.00E+00	1.42E-04	3.61E-03	0.00E+00	0.00E+00	3.61E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	3.61E-03
3185	ALL	653994.6	4187200	NonCancer	0.00E+00	1.46E-04	3.70E-03	0.00E+00	0.00E+00	3.70E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	3.70E-03
3186	ALL	654016.9	4187210	NonCancer	0.00E+00	1.48E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
3187	ALL	654039.2	4187220	NonCancer	0.00E+00	1.50E-04	3.78E-03	0.00E+00	0.00E+00	3.78E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	3.78E-03
3188	ALL	654061.5	4187230	NonCancer	0.00E+00	1.45E-04	3.66E-03	0.00E+00	0.00E+00	3.66E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	3.66E-03
3189	ALL	654083.8	4187241	NonCancer	0.00E+00	1.44E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
3190	ALL	654106.1	4187251	NonCancer	0.00E+00	1.35E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
3191	ALL	654128.5	4187261	NonCancer	0.00E+00	1.46E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
3192	ALL	654150.8	4187271	NonCancer	0.00E+00	1.43E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
3193	ALL	654173.1	4187282	NonCancer	0.00E+00	1.24E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
3194	ALL	654195.4	4187292	NonCancer	0.00E+00	1.37E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
3195	ALL	654217.7	4187302	NonCancer	0.00E+00	1.32E-04	3.31E-03	0.00E+00	0.00E+00	3.31E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	3.31E-03
3196	ALL	654240	4187312	NonCancer	0.00E+00	1.30E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
3197	ALL	654262.3	4187323	NonCancer	0.00E+00	1.20E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
3198	ALL	654284.6	4187333	NonCancer	0.00E+00	1.28E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
3199	ALL	654307	4187343	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03

3200	ALL	654329.3	4187353	NonCancer	0.00E+00	1.20E-04	3.01E-03	0.00E+00	0.00E+00	3.01E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	3.01E-03
3201	ALL	654351.6	4187364	NonCancer	0.00E+00	1.04E-04	2.65E-03	0.00E+00	0.00E+00	2.65E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	2.65E-03
3202	ALL	654381.9	4187397	NonCancer	0.00E+00	1.07E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3203	ALL	654389.9	4187420	NonCancer	0.00E+00	1.28E-04	3.22E-03	0.00E+00	0.00E+00	3.22E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	3.22E-03
3204	ALL	654398	4187443	NonCancer	0.00E+00	1.29E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
3205	ALL	654406	4187467	NonCancer	0.00E+00	1.32E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
3206	ALL	654414	4187490	NonCancer	0.00E+00	1.31E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
3207	ALL	654422	4187513	NonCancer	0.00E+00	1.34E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
3208	ALL	654430.1	4187536	NonCancer	0.00E+00	1.49E-04	3.78E-03	0.00E+00	0.00E+00	3.78E-03	1.49E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	3.78E-03
3209	ALL	654438.1	4187559	NonCancer	0.00E+00	1.48E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
3210	ALL	654446.1	4187583	NonCancer	0.00E+00	1.22E-04	3.15E-03	0.00E+00	0.00E+00	3.15E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	3.15E-03
3211	ALL	654454.1	4187606	NonCancer	0.00E+00	1.01E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
3212	ALL	654462.2	4187629	NonCancer	0.00E+00	1.13E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
3213	ALL	654470.2	4187652	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
3214	ALL	654478.2	4187675	NonCancer	0.00E+00	1.08E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3215	ALL	654486.2	4187699	NonCancer	0.00E+00	1.12E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
3216	ALL	654494.3	4187722	NonCancer	0.00E+00	1.00E-04	2.55E-03	0.00E+00	0.00E+00	2.55E-03	1.00E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	2.55E-03
3217	ALL	654502.3	4187745	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3218	ALL	654510.3	4187768	NonCancer	0.00E+00	1.06E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
3219	ALL	654518.3	4187791	NonCancer	0.00E+00	1.10E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3220	ALL	654526.4	4187815	NonCancer	0.00E+00	1.09E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3221	ALL	654534.4	4187838	NonCancer	0.00E+00	1.10E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
3222	ALL	654542.4	4187861	NonCancer	0.00E+00	1.11E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
3223	ALL	654550.4	4187884	NonCancer	0.00E+00	1.09E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3224	ALL	654558.5	4187907	NonCancer	0.00E+00	1.02E-04	2.59E-03	0.00E+00	0.00E+00	2.59E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	2.59E-03
3225	ALL	653838.4	4187128	NonCancer	0.00E+00	1.31E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
3226	ALL	653813.6	4187127	NonCancer	0.00E+00	1.33E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
3227	ALL	653788.8	4187127	NonCancer	0.00E+00	1.27E-04	3.24E-03	0.00E+00	0.00E+00	3.24E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	3.24E-03
3228	ALL	653764.1	4187126	NonCancer	0.00E+00	1.39E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
3229	ALL	653739.3	4187125	NonCancer	0.00E+00	1.52E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
3230	ALL	653714.5	4187125	NonCancer	0.00E+00	1.43E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
3231	ALL	653863.5	4187038	NonCancer	0.00E+00	1.19E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
3232	ALL	653886	4187049	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
3233	ALL	653908.5	4187059	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
3234	ALL	653931	4187069	NonCancer	0.00E+00	1.12E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
3235	ALL	653953.5	4187080	NonCancer	0.00E+00	1.24E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
3236	ALL	653975.9	4187090	NonCancer	0.00E+00	1.24E-04	3.14E-03	0.00E+00	0.00E+00	3.14E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	3.14E-03
3237	ALL	653998.4	4187100	NonCancer	0.00E+00	1.23E-04	3.12E-03	0.00E+00	0.00E+00	3.12E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	3.12E-03
3238	ALL	654020.9	4187110	NonCancer	0.00E+00	1.26E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
3239	ALL	654043.4	4187121	NonCancer	0.00E+00	1.29E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
3240	ALL	654065.8	4187131	NonCancer	0.00E+00	1.29E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
3241	ALL	654088.3	4187141	NonCancer	0.00E+00	1.29E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
3242	ALL	654110.8	4187152	NonCancer	0.00E+00	1.19E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
3243	ALL	654133.3	4187162	NonCancer	0.00E+00	1.24E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
3244	ALL	654155.8	4187172	NonCancer	0.00E+00	1.11E-04	2.87E-03	0.00E+00	0.00E+00	2.87E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	2.87E-03
3245	ALL	654178.2	4187183	NonCancer	0.00E+00	1.27E-04	3.21E-03	0.00E+00	0.00E+00	3.21E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
3246	ALL	654200.7	4187193	NonCancer	0.00E+00	1.22E-04	3.05E-03	0.00E+00	0.00E+00	3.05E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	3.05E-03
3247	ALL	654223.2	4187203	NonCancer	0.00E+00	1.06E-04	2.72E-03	0.00E+00	0.00E+00	2.72E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	2.72E-03
3248	ALL	654245.7	4187214	NonCancer	0.00E+00	1.17E-04	2.96E-03	0.00E+00	0.00E+00	2.96E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	2.96E-03
3249	ALL	654268.1	4187224	NonCancer	0.00E+00	1.16E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03

3250	ALL	654290.6	4187234	NonCancer	0.00E+00	1.11E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
3251	ALL	654313.1	4187245	NonCancer	0.00E+00	1.09E-04	2.74E-03	0.00E+00	0.00E+00	2.74E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	2.74E-03
3252	ALL	654335.6	4187255	NonCancer	0.00E+00	1.02E-04	2.63E-03	0.00E+00	0.00E+00	2.63E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	2.63E-03
3253	ALL	654358.1	4187265	NonCancer	0.00E+00	1.13E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
3254	ALL	654380.5	4187276	NonCancer	0.00E+00	1.07E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
3255	ALL	654403	4187286	NonCancer	0.00E+00	1.02E-04	2.56E-03	0.00E+00	0.00E+00	2.56E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	2.56E-03
3256	ALL	654425.5	4187296	NonCancer	0.00E+00	9.04E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.04E-05	0.00E+00	9.04E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3257	ALL	654456.1	4187330	NonCancer	0.00E+00	9.20E-05	2.36E-03	0.00E+00	0.00E+00	2.36E-03	9.20E-05	0.00E+00	9.20E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
3258	ALL	654464.1	4187353	NonCancer	0.00E+00	1.08E-04	2.73E-03	0.00E+00	0.00E+00	2.73E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	2.73E-03
3259	ALL	654472.2	4187377	NonCancer	0.00E+00	1.13E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
3260	ALL	654480.3	4187400	NonCancer	0.00E+00	1.09E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
3261	ALL	654488.4	4187423	NonCancer	0.00E+00	1.16E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
3262	ALL	654496.5	4187447	NonCancer	0.00E+00	1.16E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
3263	ALL	654504.6	4187470	NonCancer	0.00E+00	1.17E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
3264	ALL	654512.6	4187494	NonCancer	0.00E+00	1.31E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
3265	ALL	654520.7	4187517	NonCancer	0.00E+00	1.24E-04	3.16E-03	0.00E+00	0.00E+00	3.16E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	3.16E-03
3266	ALL	654528.8	4187540	NonCancer	0.00E+00	1.01E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
3267	ALL	654536.9	4187564	NonCancer	0.00E+00	8.72E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.72E-05	0.00E+00	8.72E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
3268	ALL	654545	4187587	NonCancer	0.00E+00	9.56E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.56E-05	0.00E+00	9.56E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
3269	ALL	654553.1	4187610	NonCancer	0.00E+00	9.81E-05	2.47E-03	0.00E+00	0.00E+00	2.47E-03	9.81E-05	0.00E+00	9.81E-05	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	2.47E-03
3270	ALL	654561.1	4187634	NonCancer	0.00E+00	9.44E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.44E-05	0.00E+00	9.44E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03
3271	ALL	654569.2	4187657	NonCancer	0.00E+00	9.73E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.73E-05	0.00E+00	9.73E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
3272	ALL	654577.3	4187681	NonCancer	0.00E+00	9.15E-05	2.32E-03	0.00E+00	0.00E+00	2.32E-03	9.15E-05	0.00E+00	9.15E-05	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.32E-03
3273	ALL	654585.4	4187704	NonCancer	0.00E+00	9.13E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.13E-05	0.00E+00	9.13E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3274	ALL	654593.5	4187727	NonCancer	0.00E+00	9.39E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.39E-05	0.00E+00	9.39E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3275	ALL	654601.6	4187751	NonCancer	0.00E+00	9.33E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.33E-05	0.00E+00	9.33E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
3276	ALL	654609.7	4187774	NonCancer	0.00E+00	9.40E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.40E-05	0.00E+00	9.40E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3277	ALL	654617.7	4187797	NonCancer	0.00E+00	9.35E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.35E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
3278	ALL	654625.8	4187821	NonCancer	0.00E+00	9.32E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.32E-05	0.00E+00	9.32E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
3279	ALL	654633.9	4187844	NonCancer	0.00E+00	9.67E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.67E-05	0.00E+00	9.67E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
3280	ALL	654642	4187868	NonCancer	0.00E+00	9.42E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.42E-05	0.00E+00	9.42E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3281	ALL	654650.1	4187891	NonCancer	0.00E+00	8.73E-05	2.22E-03	0.00E+00	0.00E+00	2.22E-03	8.73E-05	0.00E+00	8.73E-05	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	2.22E-03
3282	ALL	654658.2	4187914	NonCancer	0.00E+00	8.93E-05	2.25E-03	0.00E+00	0.00E+00	2.25E-03	8.93E-05	0.00E+00	8.93E-05	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	2.25E-03
3283	ALL	653841.1	4187028	NonCancer	0.00E+00	1.23E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
3284	ALL	653816.3	4187027	NonCancer	0.00E+00	1.19E-04	3.03E-03	0.00E+00	0.00E+00	3.03E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
3285	ALL	653791.5	4187027	NonCancer	0.00E+00	1.10E-04	2.84E-03	0.00E+00	0.00E+00	2.84E-03	1.10E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	2.84E-03
3286	ALL	653766.7	4187026	NonCancer	0.00E+00	1.19E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.19E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
3287	ALL	653742	4187025	NonCancer	0.00E+00	1.30E-04	3.25E-03	0.00E+00	0.00E+00	3.25E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	3.25E-03
3288	ALL	653717.2	4187025	NonCancer	0.00E+00	1.26E-04	3.21E-03	0.00E+00	0.00E+00	3.21E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
3289	ALL	653870.2	4186788	NonCancer	0.00E+00	1.04E-04	2.59E-03	0.00E+00	0.00E+00	2.59E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	2.59E-03
3290	ALL	653892.6	4186799	NonCancer	0.00E+00	9.41E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.41E-05	0.00E+00	9.41E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3291	ALL	653915.1	4186809	NonCancer	0.00E+00	9.12E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.12E-05	0.00E+00	9.12E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3292	ALL	653937.5	4186819	NonCancer	0.00E+00	8.75E-05	2.19E-03	0.00E+00	0.00E+00	2.19E-03	8.75E-05	0.00E+00	8.75E-05	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	2.19E-03
3293	ALL	653959.9	4186830	NonCancer	0.00E+00	8.07E-05	2.07E-03	0.00E+00	0.00E+00	2.07E-03	8.07E-05	0.00E+00	8.07E-05	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	2.07E-03
3294	ALL	653982.4	4186840	NonCancer	0.00E+00	8.16E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.16E-05	0.00E+00	8.16E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
3295	ALL	654004.8	4186850	NonCancer	0.00E+00	9.02E-05	2.28E-03	0.00E+00	0.00E+00	2.28E-03	9.02E-05	0.00E+00	9.02E-05	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	2.28E-03
3296	ALL	654027.3	4186860	NonCancer	0.00E+00	8.90E-05	2.27E-03	0.00E+00	0.00E+00	2.27E-03	8.90E-05	0.00E+00	8.90E-05	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	2.27E-03
3297	ALL	654049.7	4186871	NonCancer	0.00E+00	9.26E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.26E-05	0.00E+00	9.26E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
3298	ALL	654072.1	4186881	NonCancer	0.00E+00	8.81E-05	2.25E-03	0.00E+00	0.00E+00	2.25E-03	8.81E-05	0.00E+00	8.81E-05	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	2.25E-03
3299	ALL	654094.6	4186891	NonCancer	0.00E+00	9.21E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.21E-05	0.00E+00	9.21E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03

3300	ALL	654117	4186902	NonCancer	0.00E+00	9.39E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.39E-05	0.00E+00	9.39E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3301	ALL	654139.5	4186912	NonCancer	0.00E+00	9.12E-05	2.32E-03	0.00E+00	0.00E+00	2.32E-03	9.12E-05	0.00E+00	9.12E-05	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.32E-03
3302	ALL	654161.9	4186922	NonCancer	0.00E+00	9.51E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.51E-05	0.00E+00	9.51E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
3303	ALL	654184.3	4186933	NonCancer	0.00E+00	9.35E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.35E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
3304	ALL	654206.8	4186943	NonCancer	0.00E+00	8.64E-05	2.21E-03	0.00E+00	0.00E+00	2.21E-03	8.64E-05	0.00E+00	8.64E-05	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	2.21E-03
3305	ALL	654229.2	4186953	NonCancer	0.00E+00	9.11E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.11E-05	0.00E+00	9.11E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3306	ALL	654251.7	4186963	NonCancer	0.00E+00	8.55E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.55E-05	0.00E+00	8.55E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
3307	ALL	654274.1	4186974	NonCancer	0.00E+00	8.63E-05	2.22E-03	0.00E+00	0.00E+00	2.22E-03	8.63E-05	0.00E+00	8.63E-05	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	2.22E-03
3308	ALL	654296.5	4186984	NonCancer	0.00E+00	9.39E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.39E-05	0.00E+00	9.39E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
3309	ALL	654319	4186994	NonCancer	0.00E+00	8.91E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.91E-05	0.00E+00	8.91E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
3310	ALL	654341.4	4187005	NonCancer	0.00E+00	7.83E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.83E-05	0.00E+00	7.83E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3311	ALL	654363.9	4187015	NonCancer	0.00E+00	8.12E-05	2.07E-03	0.00E+00	0.00E+00	2.07E-03	8.12E-05	0.00E+00	8.12E-05	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	2.07E-03
3312	ALL	654386.3	4187025	NonCancer	0.00E+00	8.71E-05	2.20E-03	0.00E+00	0.00E+00	2.20E-03	8.71E-05	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	2.20E-03
3313	ALL	654408.7	4187036	NonCancer	0.00E+00	8.33E-05	2.10E-03	0.00E+00	0.00E+00	2.10E-03	8.33E-05	0.00E+00	8.33E-05	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
3314	ALL	654431.2	4187046	NonCancer	0.00E+00	8.02E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.02E-05	0.00E+00	8.02E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
3315	ALL	654453.6	4187056	NonCancer	0.00E+00	8.18E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.18E-05	0.00E+00	8.18E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
3316	ALL	654476.1	4187066	NonCancer	0.00E+00	7.31E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.31E-05	0.00E+00	7.31E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
3317	ALL	654498.5	4187077	NonCancer	0.00E+00	7.79E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.79E-05	0.00E+00	7.79E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3318	ALL	654520.9	4187087	NonCancer	0.00E+00	8.29E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.29E-05	0.00E+00	8.29E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
3319	ALL	654543.4	4187097	NonCancer	0.00E+00	7.87E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.87E-05	0.00E+00	7.87E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3320	ALL	654565.8	4187108	NonCancer	0.00E+00	7.59E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.59E-05	0.00E+00	7.59E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
3321	ALL	654588.3	4187118	NonCancer	0.00E+00	7.23E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.23E-05	0.00E+00	7.23E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3322	ALL	654610.7	4187128	NonCancer	0.00E+00	6.79E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.79E-05	0.00E+00	6.79E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3323	ALL	654641.2	4187162	NonCancer	0.00E+00	6.62E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.62E-05	0.00E+00	6.62E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
3324	ALL	654649.3	4187185	NonCancer	0.00E+00	7.40E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.40E-05	0.00E+00	7.40E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
3325	ALL	654657.4	4187209	NonCancer	0.00E+00	8.17E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.17E-05	0.00E+00	8.17E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
3326	ALL	654665.4	4187232	NonCancer	0.00E+00	8.06E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.06E-05	0.00E+00	8.06E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
3327	ALL	654673.5	4187255	NonCancer	0.00E+00	7.96E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	7.96E-05	0.00E+00	7.96E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
3328	ALL	654681.6	4187279	NonCancer	0.00E+00	8.46E-05	2.13E-03	0.00E+00	0.00E+00	2.13E-03	8.46E-05	0.00E+00	8.46E-05	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	2.13E-03
3329	ALL	654689.6	4187302	NonCancer	0.00E+00	8.23E-05	2.08E-03	0.00E+00	0.00E+00	2.08E-03	8.23E-05	0.00E+00	8.23E-05	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	2.08E-03
3330	ALL	654697.7	4187325	NonCancer	0.00E+00	8.46E-05	2.13E-03	0.00E+00	0.00E+00	2.13E-03	8.46E-05	0.00E+00	8.46E-05	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	2.13E-03
3331	ALL	654705.8	4187349	NonCancer	0.00E+00	8.76E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.76E-05	0.00E+00	8.76E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
3332	ALL	654713.9	4187372	NonCancer	0.00E+00	9.50E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.50E-05	0.00E+00	9.50E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
3333	ALL	654721.9	4187395	NonCancer	0.00E+00	9.20E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.20E-05	0.00E+00	9.20E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
3334	ALL	654730	4187419	NonCancer	0.00E+00	7.93E-05	2.05E-03	0.00E+00	0.00E+00	2.05E-03	7.93E-05	0.00E+00	7.93E-05	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.05E-03
3335	ALL	654738.1	4187442	NonCancer	0.00E+00	6.80E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.80E-05	0.00E+00	6.80E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
3336	ALL	654746.1	4187465	NonCancer	0.00E+00	6.24E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.24E-05	0.00E+00	6.24E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
3337	ALL	654754.2	4187489	NonCancer	0.00E+00	6.91E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.91E-05	0.00E+00	6.91E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
3338	ALL	654762.3	4187512	NonCancer	0.00E+00	7.20E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.20E-05	0.00E+00	7.20E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3339	ALL	654770.3	4187535	NonCancer	0.00E+00	6.82E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
3340	ALL	654778.4	4187559	NonCancer	0.00E+00	6.76E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.76E-05	0.00E+00	6.76E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
3341	ALL	654786.5	4187582	NonCancer	0.00E+00	7.10E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.10E-05	0.00E+00	7.10E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
3342	ALL	654794.6	4187605	NonCancer	0.00E+00	6.66E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.66E-05	0.00E+00	6.66E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
3343	ALL	654802.6	4187629	NonCancer	0.00E+00	6.32E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.32E-05	0.00E+00	6.32E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3344	ALL	654810.7	4187652	NonCancer	0.00E+00	6.90E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.90E-05	0.00E+00	6.90E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
3345	ALL	654818.8	4187675	NonCancer	0.00E+00	6.60E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
3346	ALL	654826.8	4187699	NonCancer	0.00E+00	6.84E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3347	ALL	654834.9	4187722	NonCancer	0.00E+00	6.88E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.88E-05	0.00E+00	6.88E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
3348	ALL	654843	4187745	NonCancer	0.00E+00	6.82E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
3349	ALL	654851	4187769	NonCancer	0.00E+00	6.51E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.51E-05	0.00E+00	6.51E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03

3350	ALL	654859.1	4187792	NonCancer	0.00E+00	6.94E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.94E-05	0.00E+00	6.94E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
3351	ALL	654867.2	4187815	NonCancer	0.00E+00	6.99E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.99E-05	0.00E+00	6.99E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
3352	ALL	654875.3	4187839	NonCancer	0.00E+00	6.83E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.83E-05	0.00E+00	6.83E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3353	ALL	654883.3	4187862	NonCancer	0.00E+00	6.60E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
3354	ALL	654891.4	4187885	NonCancer	0.00E+00	6.36E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.36E-05	0.00E+00	6.36E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3355	ALL	654899.5	4187909	NonCancer	0.00E+00	6.46E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.46E-05	0.00E+00	6.46E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
3356	ALL	654907.5	4187932	NonCancer	0.00E+00	6.03E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
3357	ALL	653847.7	4186778	NonCancer	0.00E+00	1.03E-04	2.61E-03	0.00E+00	0.00E+00	2.61E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.61E-03
3358	ALL	653823	4186777	NonCancer	0.00E+00	9.31E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.31E-05	0.00E+00	9.31E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
3359	ALL	653798.2	4186777	NonCancer	0.00E+00	8.36E-05	2.18E-03	0.00E+00	0.00E+00	2.18E-03	8.36E-05	0.00E+00	8.36E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
3360	ALL	653773.4	4186776	NonCancer	0.00E+00	8.71E-05	2.21E-03	0.00E+00	0.00E+00	2.21E-03	8.71E-05	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	2.21E-03
3361	ALL	653748.6	4186775	NonCancer	0.00E+00	9.31E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.31E-05	0.00E+00	9.31E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
3362	ALL	653723.9	4186775	NonCancer	0.00E+00	9.42E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.42E-05	0.00E+00	9.42E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
3363	ALL	653876.8	4186538	NonCancer	0.00E+00	9.13E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	9.13E-05	0.00E+00	9.13E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
3364	ALL	653899.3	4186549	NonCancer	0.00E+00	9.02E-05	2.26E-03	0.00E+00	0.00E+00	2.26E-03	9.02E-05	0.00E+00	9.02E-05	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	2.26E-03
3365	ALL	653921.7	4186559	NonCancer	0.00E+00	8.23E-05	2.07E-03	0.00E+00	0.00E+00	2.07E-03	8.23E-05	0.00E+00	8.23E-05	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	2.07E-03
3366	ALL	653944.1	4186569	NonCancer	0.00E+00	7.02E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.02E-05	0.00E+00	7.02E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
3367	ALL	653966.5	4186580	NonCancer	0.00E+00	7.01E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	7.01E-05	0.00E+00	7.01E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
3368	ALL	653988.9	4186590	NonCancer	0.00E+00	6.47E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.47E-05	0.00E+00	6.47E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
3369	ALL	654011.3	4186600	NonCancer	0.00E+00	6.06E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.06E-05	0.00E+00	6.06E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3370	ALL	654033.8	4186610	NonCancer	0.00E+00	6.27E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.27E-05	0.00E+00	6.27E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
3371	ALL	654056.2	4186621	NonCancer	0.00E+00	6.93E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.93E-05	0.00E+00	6.93E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
3372	ALL	654078.6	4186631	NonCancer	0.00E+00	7.01E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.01E-05	0.00E+00	7.01E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
3373	ALL	654101	4186641	NonCancer	0.00E+00	7.09E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.09E-05	0.00E+00	7.09E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
3374	ALL	654123.4	4186652	NonCancer	0.00E+00	7.11E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.11E-05	0.00E+00	7.11E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
3375	ALL	654145.8	4186662	NonCancer	0.00E+00	6.78E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.78E-05	0.00E+00	6.78E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
3376	ALL	654168.3	4186672	NonCancer	0.00E+00	7.15E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.15E-05	0.00E+00	7.15E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
3377	ALL	654190.7	4186682	NonCancer	0.00E+00	7.24E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3378	ALL	654213.1	4186693	NonCancer	0.00E+00	7.20E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.20E-05	0.00E+00	7.20E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3379	ALL	654235.5	4186703	NonCancer	0.00E+00	7.35E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
3380	ALL	654257.9	4186713	NonCancer	0.00E+00	7.32E-05	1.85E-03	0.00E+00	0.00E+00	1.85E-03	7.32E-05	0.00E+00	7.32E-05	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.85E-03
3381	ALL	654280.3	4186724	NonCancer	0.00E+00	7.16E-05	1.80E-03	0.00E+00	0.00E+00	1.80E-03	7.16E-05	0.00E+00	7.16E-05	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	1.80E-03
3382	ALL	654302.7	4186734	NonCancer	0.00E+00	6.63E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.63E-05	0.00E+00	6.63E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
3383	ALL	654325.2	4186744	NonCancer	0.00E+00	7.06E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.06E-05	0.00E+00	7.06E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
3384	ALL	654347.6	4186755	NonCancer	0.00E+00	6.82E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
3385	ALL	654370	4186765	NonCancer	0.00E+00	6.08E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.08E-05	0.00E+00	6.08E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
3386	ALL	654392.4	4186775	NonCancer	0.00E+00	6.92E-05	1.77E-03	0.00E+00	0.00E+00	1.77E-03	6.92E-05	0.00E+00	6.92E-05	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
3387	ALL	654414.8	4186785	NonCancer	0.00E+00	7.29E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
3388	ALL	654437.2	4186796	NonCancer	0.00E+00	6.91E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.91E-05	0.00E+00	6.91E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
3389	ALL	654459.7	4186806	NonCancer	0.00E+00	6.16E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.16E-05	0.00E+00	6.16E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3390	ALL	654482.1	4186816	NonCancer	0.00E+00	6.11E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.11E-05	0.00E+00	6.11E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3391	ALL	654504.5	4186827	NonCancer	0.00E+00	6.51E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.51E-05	0.00E+00	6.51E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
3392	ALL	654526.9	4186837	NonCancer	0.00E+00	6.76E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.76E-05	0.00E+00	6.76E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
3393	ALL	654549.3	4186847	NonCancer	0.00E+00	6.33E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.33E-05	0.00E+00	6.33E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3394	ALL	654571.7	4186857	NonCancer	0.00E+00	6.15E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.15E-05	0.00E+00	6.15E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3395	ALL	654594.2	4186868	NonCancer	0.00E+00	6.39E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3396	ALL	654616.6	4186878	NonCancer	0.00E+00	5.96E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.96E-05	0.00E+00	5.96E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3397	ALL	654639	4186888	NonCancer	0.00E+00	5.40E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.40E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3398	ALL	654661.4	4186899	NonCancer	0.00E+00	6.16E-05	1.57E-03	0.00E+00	0.00E+00	1.57E-03	6.16E-05	0.00E+00	6.16E-05	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	1.57E-03
3399	ALL	654683.8	4186909	NonCancer	0.00E+00	6.42E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.42E-05	0.00E+00	6.42E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03

3400	ALL	654706.2	4186919	NonCancer	0.00E+00	6.12E-05	1.55E-03	0.00E+00	0.00E+00	1.55E-03	6.12E-05	0.00E+00	6.12E-05	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
3401	ALL	654728.7	4186929	NonCancer	0.00E+00	5.93E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3402	ALL	654751.1	4186940	NonCancer	0.00E+00	6.36E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.36E-05	0.00E+00	6.36E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3403	ALL	654773.5	4186950	NonCancer	0.00E+00	6.18E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3404	ALL	654795.9	4186960	NonCancer	0.00E+00	5.46E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
3405	ALL	654826.4	4186994	NonCancer	0.00E+00	5.05E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3406	ALL	654834.4	4187017	NonCancer	0.00E+00	5.36E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.36E-05	0.00E+00	5.36E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
3407	ALL	654842.5	4187041	NonCancer	0.00E+00	6.10E-05	1.55E-03	0.00E+00	0.00E+00	1.55E-03	6.10E-05	0.00E+00	6.10E-05	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
3408	ALL	654850.6	4187064	NonCancer	0.00E+00	6.37E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.37E-05	0.00E+00	6.37E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3409	ALL	654858.6	4187087	NonCancer	0.00E+00	6.09E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.09E-05	0.00E+00	6.09E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
3410	ALL	654866.7	4187111	NonCancer	0.00E+00	6.14E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.14E-05	0.00E+00	6.14E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3411	ALL	654874.8	4187134	NonCancer	0.00E+00	6.53E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.53E-05	0.00E+00	6.53E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
3412	ALL	654882.8	4187157	NonCancer	0.00E+00	6.33E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.33E-05	0.00E+00	6.33E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
3413	ALL	654890.9	4187180	NonCancer	0.00E+00	6.55E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.55E-05	0.00E+00	6.55E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
3414	ALL	654898.9	4187204	NonCancer	0.00E+00	6.39E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
3415	ALL	654907	4187227	NonCancer	0.00E+00	6.87E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.87E-05	0.00E+00	6.87E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
3416	ALL	654915.1	4187250	NonCancer	0.00E+00	7.33E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.33E-05	0.00E+00	7.33E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
3417	ALL	654923.1	4187274	NonCancer	0.00E+00	7.17E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3418	ALL	654931.2	4187297	NonCancer	0.00E+00	6.41E-05	1.65E-03	0.00E+00	0.00E+00	1.65E-03	6.41E-05	0.00E+00	6.41E-05	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
3419	ALL	654939.3	4187320	NonCancer	0.00E+00	5.34E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3420	ALL	654947.3	4187344	NonCancer	0.00E+00	5.09E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3421	ALL	654955.4	4187367	NonCancer	0.00E+00	4.84E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.84E-05	0.00E+00	4.84E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
3422	ALL	654963.4	4187390	NonCancer	0.00E+00	5.29E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3423	ALL	654971.5	4187414	NonCancer	0.00E+00	5.57E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.57E-05	0.00E+00	5.57E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3424	ALL	654979.6	4187437	NonCancer	0.00E+00	5.34E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
3425	ALL	654987.6	4187460	NonCancer	0.00E+00	5.30E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3426	ALL	654995.7	4187484	NonCancer	0.00E+00	5.28E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3427	ALL	655003.7	4187507	NonCancer	0.00E+00	5.48E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.48E-05	0.00E+00	5.48E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
3428	ALL	655011.8	4187530	NonCancer	0.00E+00	5.14E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.14E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3429	ALL	655019.9	4187553	NonCancer	0.00E+00	4.68E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3430	ALL	655027.9	4187577	NonCancer	0.00E+00	5.22E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3431	ALL	655036	4187600	NonCancer	0.00E+00	5.31E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3432	ALL	655044.1	4187623	NonCancer	0.00E+00	4.88E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3433	ALL	655052.1	4187647	NonCancer	0.00E+00	5.31E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3434	ALL	655060.2	4187670	NonCancer	0.00E+00	5.33E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.33E-05	0.00E+00	5.33E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3435	ALL	655068.2	4187693	NonCancer	0.00E+00	5.22E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3436	ALL	655076.3	4187717	NonCancer	0.00E+00	5.20E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.20E-05	0.00E+00	5.20E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3437	ALL	655084.4	4187740	NonCancer	0.00E+00	5.01E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.01E-05	0.00E+00	5.01E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3438	ALL	655092.4	4187763	NonCancer	0.00E+00	5.42E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.42E-05	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3439	ALL	655100.5	4187787	NonCancer	0.00E+00	5.37E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.37E-05	0.00E+00	5.37E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3440	ALL	655108.6	4187810	NonCancer	0.00E+00	5.25E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.25E-05	0.00E+00	5.25E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3441	ALL	655116.6	4187833	NonCancer	0.00E+00	5.19E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3442	ALL	655124.7	4187856	NonCancer	0.00E+00	4.71E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.71E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3443	ALL	655132.7	4187880	NonCancer	0.00E+00	4.97E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3444	ALL	655140.8	4187903	NonCancer	0.00E+00	4.94E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3445	ALL	655148.9	4187926	NonCancer	0.00E+00	4.92E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.92E-05	0.00E+00	4.92E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3446	ALL	655156.9	4187950	NonCancer	0.00E+00	4.57E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3447	ALL	653854.4	4186528	NonCancer	0.00E+00	8.54E-05	2.18E-03	0.00E+00	0.00E+00	2.18E-03	8.54E-05	0.00E+00	8.54E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
3448	ALL	653829.6	4186527	NonCancer	0.00E+00	7.36E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.36E-05	0.00E+00	7.36E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
3449	ALL	653804.9	4186527	NonCancer	0.00E+00	6.62E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.62E-05	0.00E+00	6.62E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03

3450	ALL	653780.1	4186526	NonCancer	0.00E+00	6.75E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
3451	ALL	653755.3	4186525	NonCancer	0.00E+00	7.07E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
3452	ALL	653730.5	4186525	NonCancer	0.00E+00	7.33E-05	1.85E-03	0.00E+00	0.00E+00	1.85E-03	7.33E-05	0.00E+00	7.33E-05	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.85E-03
3453	ALL	653883.5	4186288	NonCancer	0.00E+00	7.85E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.85E-05	0.00E+00	7.85E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
3454	ALL	653905.9	4186299	NonCancer	0.00E+00	8.19E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.19E-05	0.00E+00	8.19E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
3455	ALL	653928.3	4186309	NonCancer	0.00E+00	8.03E-05	2.01E-03	0.00E+00	0.00E+00	2.01E-03	8.03E-05	0.00E+00	8.03E-05	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	2.01E-03
3456	ALL	653950.7	4186319	NonCancer	0.00E+00	7.38E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
3457	ALL	653973.1	4186330	NonCancer	0.00E+00	6.35E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.35E-05	0.00E+00	6.35E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
3458	ALL	653995.5	4186340	NonCancer	0.00E+00	5.71E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.71E-05	0.00E+00	5.71E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
3459	ALL	654017.9	4186350	NonCancer	0.00E+00	5.46E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
3460	ALL	654040.3	4186360	NonCancer	0.00E+00	5.11E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.11E-05	0.00E+00	5.11E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3461	ALL	654062.7	4186371	NonCancer	0.00E+00	4.80E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.80E-05	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3462	ALL	654085.1	4186381	NonCancer	0.00E+00	5.02E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3463	ALL	654107.5	4186391	NonCancer	0.00E+00	5.53E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.53E-05	0.00E+00	5.53E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3464	ALL	654129.9	4186402	NonCancer	0.00E+00	5.67E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3465	ALL	654152.3	4186412	NonCancer	0.00E+00	5.52E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.52E-05	0.00E+00	5.52E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3466	ALL	654174.7	4186422	NonCancer	0.00E+00	5.80E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.80E-05	0.00E+00	5.80E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
3467	ALL	654197.1	4186432	NonCancer	0.00E+00	5.62E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.62E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3468	ALL	654219.5	4186443	NonCancer	0.00E+00	5.51E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.51E-05	0.00E+00	5.51E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3469	ALL	654241.9	4186453	NonCancer	0.00E+00	5.76E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.76E-05	0.00E+00	5.76E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
3470	ALL	654264.3	4186463	NonCancer	0.00E+00	5.79E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.79E-05	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
3471	ALL	654286.7	4186474	NonCancer	0.00E+00	5.87E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
3472	ALL	654309.1	4186484	NonCancer	0.00E+00	5.75E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.75E-05	0.00E+00	5.75E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
3473	ALL	654331.5	4186494	NonCancer	0.00E+00	5.97E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.97E-05	0.00E+00	5.97E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3474	ALL	654353.9	4186504	NonCancer	0.00E+00	5.93E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
3475	ALL	654376.3	4186515	NonCancer	0.00E+00	5.69E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3476	ALL	654398.7	4186525	NonCancer	0.00E+00	5.30E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3477	ALL	654421.1	4186535	NonCancer	0.00E+00	5.66E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.66E-05	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3478	ALL	654443.5	4186546	NonCancer	0.00E+00	5.60E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.60E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3479	ALL	654465.9	4186556	NonCancer	0.00E+00	5.15E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3480	ALL	654488.3	4186566	NonCancer	0.00E+00	5.07E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.07E-05	0.00E+00	5.07E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3481	ALL	654510.7	4186576	NonCancer	0.00E+00	5.69E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
3482	ALL	654533.1	4186587	NonCancer	0.00E+00	5.87E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
3483	ALL	654555.5	4186597	NonCancer	0.00E+00	5.56E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.56E-05	0.00E+00	5.56E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
3484	ALL	654577.9	4186607	NonCancer	0.00E+00	5.01E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	5.01E-05	0.00E+00	5.01E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
3485	ALL	654600.3	4186618	NonCancer	0.00E+00	4.73E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3486	ALL	654622.7	4186628	NonCancer	0.00E+00	5.05E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3487	ALL	654645.1	4186638	NonCancer	0.00E+00	5.38E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.38E-05	0.00E+00	5.38E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3488	ALL	654667.5	4186648	NonCancer	0.00E+00	5.41E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3489	ALL	654689.9	4186659	NonCancer	0.00E+00	5.03E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3490	ALL	654712.3	4186669	NonCancer	0.00E+00	4.90E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3491	ALL	654734.7	4186679	NonCancer	0.00E+00	5.16E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3492	ALL	654757.1	4186690	NonCancer	0.00E+00	4.97E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3493	ALL	654779.5	4186700	NonCancer	0.00E+00	4.41E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
3494	ALL	654801.9	4186710	NonCancer	0.00E+00	4.55E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3495	ALL	654824.3	4186720	NonCancer	0.00E+00	5.03E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.03E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
3496	ALL	654846.7	4186731	NonCancer	0.00E+00	5.17E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3497	ALL	654869.1	4186741	NonCancer	0.00E+00	4.95E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.95E-05	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
3498	ALL	654891.5	4186751	NonCancer	0.00E+00	5.09E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3499	ALL	654913.9	4186762	NonCancer	0.00E+00	5.59E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03

3500	ALL	654936.3	4186772	NonCancer	0.00E+00	5.67E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3501	ALL	654958.7	4186782	NonCancer	0.00E+00	5.32E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.32E-05	0.00E+00	5.32E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
3502	ALL	654981.1	4186792	NonCancer	0.00E+00	4.62E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3503	ALL	655011.6	4186826	NonCancer	0.00E+00	4.04E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3504	ALL	655019.6	4186849	NonCancer	0.00E+00	4.22E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3505	ALL	655027.7	4186873	NonCancer	0.00E+00	4.68E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3506	ALL	655035.7	4186896	NonCancer	0.00E+00	5.05E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
3507	ALL	655043.8	4186919	NonCancer	0.00E+00	5.09E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3508	ALL	655051.8	4186942	NonCancer	0.00E+00	4.78E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.78E-05	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3509	ALL	655059.9	4186966	NonCancer	0.00E+00	4.93E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3510	ALL	655068	4186989	NonCancer	0.00E+00	5.24E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.24E-05	0.00E+00	5.24E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3511	ALL	655076	4187012	NonCancer	0.00E+00	5.17E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3512	ALL	655084.1	4187036	NonCancer	0.00E+00	5.17E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3513	ALL	655092.1	4187059	NonCancer	0.00E+00	5.26E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3514	ALL	655100.2	4187082	NonCancer	0.00E+00	4.99E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	4.99E-05	0.00E+00	4.99E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
3515	ALL	655108.2	4187106	NonCancer	0.00E+00	5.58E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.58E-05	0.00E+00	5.58E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3516	ALL	655116.3	4187129	NonCancer	0.00E+00	5.89E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.89E-05	0.00E+00	5.89E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3517	ALL	655124.3	4187152	NonCancer	0.00E+00	5.79E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.79E-05	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
3518	ALL	655132.4	4187175	NonCancer	0.00E+00	5.30E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3519	ALL	655140.5	4187199	NonCancer	0.00E+00	4.53E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
3520	ALL	655148.5	4187222	NonCancer	0.00E+00	4.23E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3521	ALL	655156.6	4187245	NonCancer	0.00E+00	3.93E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3522	ALL	655164.6	4187269	NonCancer	0.00E+00	3.93E-05	9.97E-04	0.00E+00	0.00E+00	9.97E-04	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	9.97E-04
3523	ALL	655172.7	4187292	NonCancer	0.00E+00	4.23E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3524	ALL	655180.7	4187315	NonCancer	0.00E+00	4.46E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.46E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
3525	ALL	655188.8	4187338	NonCancer	0.00E+00	4.38E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
3526	ALL	655196.8	4187362	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3527	ALL	655204.9	4187385	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3528	ALL	655213	4187408	NonCancer	0.00E+00	4.32E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3529	ALL	655221	4187432	NonCancer	0.00E+00	4.39E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
3530	ALL	655229.1	4187455	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3531	ALL	655237.1	4187478	NonCancer	0.00E+00	3.76E-05	9.61E-04	0.00E+00	0.00E+00	9.61E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	9.61E-04
3532	ALL	655245.2	4187502	NonCancer	0.00E+00	4.06E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3533	ALL	655253.2	4187525	NonCancer	0.00E+00	4.28E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3534	ALL	655261.3	4187548	NonCancer	0.00E+00	4.17E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.17E-05	0.00E+00	4.17E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3535	ALL	655269.4	4187571	NonCancer	0.00E+00	3.94E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3536	ALL	655277.4	4187595	NonCancer	0.00E+00	4.28E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3537	ALL	655285.5	4187618	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3538	ALL	655293.5	4187641	NonCancer	0.00E+00	4.14E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3539	ALL	655301.6	4187665	NonCancer	0.00E+00	4.23E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3540	ALL	655309.6	4187688	NonCancer	0.00E+00	4.00E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3541	ALL	655317.7	4187711	NonCancer	0.00E+00	4.16E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3542	ALL	655325.7	4187734	NonCancer	0.00E+00	4.38E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3543	ALL	655333.8	4187758	NonCancer	0.00E+00	4.29E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3544	ALL	655341.9	4187781	NonCancer	0.00E+00	4.20E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3545	ALL	655349.9	4187804	NonCancer	0.00E+00	4.21E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3546	ALL	655358	4187828	NonCancer	0.00E+00	3.94E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3547	ALL	655366	4187851	NonCancer	0.00E+00	3.89E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
3548	ALL	655374.1	4187874	NonCancer	0.00E+00	4.02E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3549	ALL	655382.1	4187898	NonCancer	0.00E+00	4.42E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.42E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03

3550	ALL	655390.2	4187921	NonCancer	0.00E+00	4.37E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3551	ALL	655398.3	4187944	NonCancer	0.00E+00	3.91E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.91E-05	0.00E+00	3.91E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3552	ALL	655406.3	4187967	NonCancer	0.00E+00	3.90E-05	9.88E-04	0.00E+00	0.00E+00	9.88E-04	3.90E-05	0.00E+00	3.90E-05	0.00E+00	0.00E+00	9.88E-04	0.00E+00	0.00E+00	9.88E-04
3553	ALL	653861.1	4186278	NonCancer	0.00E+00	7.07E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3554	ALL	653836.3	4186278	NonCancer	0.00E+00	5.94E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	5.94E-05	0.00E+00	5.94E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
3555	ALL	653811.5	4186277	NonCancer	0.00E+00	5.41E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
3556	ALL	653786.8	4186276	NonCancer	0.00E+00	5.43E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3557	ALL	653762	4186276	NonCancer	0.00E+00	5.59E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.59E-05	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
3558	ALL	653737.2	4186275	NonCancer	0.00E+00	5.88E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.88E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3559	ALL	653890.2	4186039	NonCancer	0.00E+00	6.68E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
3560	ALL	653912.6	4186049	NonCancer	0.00E+00	7.22E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.22E-05	0.00E+00	7.22E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
3561	ALL	653934.9	4186059	NonCancer	0.00E+00	7.43E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.43E-05	0.00E+00	7.43E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
3562	ALL	653957.3	4186069	NonCancer	0.00E+00	7.24E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
3563	ALL	653979.7	4186080	NonCancer	0.00E+00	6.70E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.70E-05	0.00E+00	6.70E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
3564	ALL	654002.1	4186090	NonCancer	0.00E+00	5.86E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3565	ALL	654024.5	4186100	NonCancer	0.00E+00	4.86E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
3566	ALL	654046.9	4186111	NonCancer	0.00E+00	4.66E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3567	ALL	654069.3	4186121	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3568	ALL	654091.7	4186131	NonCancer	0.00E+00	4.14E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3569	ALL	654114	4186141	NonCancer	0.00E+00	3.99E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3570	ALL	654136.4	4186152	NonCancer	0.00E+00	4.13E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.13E-05	0.00E+00	4.13E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3571	ALL	654158.8	4186162	NonCancer	0.00E+00	4.55E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.55E-05	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3572	ALL	654181.2	4186172	NonCancer	0.00E+00	4.70E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.70E-05	0.00E+00	4.70E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
3573	ALL	654203.6	4186182	NonCancer	0.00E+00	4.60E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3574	ALL	654226	4186193	NonCancer	0.00E+00	4.74E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.74E-05	0.00E+00	4.74E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3575	ALL	654248.4	4186203	NonCancer	0.00E+00	4.79E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.79E-05	0.00E+00	4.79E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3576	ALL	654270.8	4186213	NonCancer	0.00E+00	4.58E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3577	ALL	654293.2	4186224	NonCancer	0.00E+00	4.59E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.59E-05	0.00E+00	4.59E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3578	ALL	654315.5	4186234	NonCancer	0.00E+00	4.77E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3579	ALL	654337.9	4186244	NonCancer	0.00E+00	4.82E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.82E-05	0.00E+00	4.82E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3580	ALL	654360.3	4186254	NonCancer	0.00E+00	4.89E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.89E-05	0.00E+00	4.89E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
3581	ALL	654382.7	4186265	NonCancer	0.00E+00	4.69E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.69E-05	0.00E+00	4.69E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
3582	ALL	654405.1	4186275	NonCancer	0.00E+00	4.91E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.91E-05	0.00E+00	4.91E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3583	ALL	654427.5	4186285	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3584	ALL	654449.9	4186296	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3585	ALL	654472.3	4186306	NonCancer	0.00E+00	4.65E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3586	ALL	654494.6	4186316	NonCancer	0.00E+00	4.35E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3587	ALL	654517	4186326	NonCancer	0.00E+00	4.66E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3588	ALL	654539.4	4186337	NonCancer	0.00E+00	4.69E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.69E-05	0.00E+00	4.69E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
3589	ALL	654561.8	4186347	NonCancer	0.00E+00	4.42E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.42E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3590	ALL	654584.2	4186357	NonCancer	0.00E+00	4.02E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
3591	ALL	654606.6	4186367	NonCancer	0.00E+00	4.38E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
3592	ALL	654629	4186378	NonCancer	0.00E+00	4.78E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.78E-05	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3593	ALL	654651.4	4186388	NonCancer	0.00E+00	4.86E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
3594	ALL	654673.8	4186398	NonCancer	0.00E+00	4.60E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3595	ALL	654696.1	4186409	NonCancer	0.00E+00	4.18E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.18E-05	0.00E+00	4.18E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3596	ALL	654718.5	4186419	NonCancer	0.00E+00	3.86E-05	9.92E-04	0.00E+00	0.00E+00	9.92E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	9.92E-04
3597	ALL	654740.9	4186429	NonCancer	0.00E+00	4.09E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.09E-05	0.00E+00	4.09E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3598	ALL	654763.3	4186439	NonCancer	0.00E+00	4.28E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3599	ALL	654785.7	4186450	NonCancer	0.00E+00	4.51E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03

3600	ALL	654808.1	4186460	NonCancer	0.00E+00	4.43E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.43E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3601	ALL	654830.5	4186470	NonCancer	0.00E+00	4.16E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3602	ALL	654852.9	4186481	NonCancer	0.00E+00	4.03E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3603	ALL	654875.2	4186491	NonCancer	0.00E+00	4.26E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3604	ALL	654897.6	4186501	NonCancer	0.00E+00	4.20E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3605	ALL	654920	4186511	NonCancer	0.00E+00	3.85E-05	9.77E-04	0.00E+00	0.00E+00	9.77E-04	3.85E-05	0.00E+00	3.85E-05	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	9.77E-04
3606	ALL	654942.4	4186522	NonCancer	0.00E+00	3.50E-05	9.08E-04	0.00E+00	0.00E+00	9.08E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	9.08E-04
3607	ALL	654964.8	4186532	NonCancer	0.00E+00	3.89E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3608	ALL	654987.2	4186542	NonCancer	0.00E+00	4.20E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3609	ALL	655009.6	4186553	NonCancer	0.00E+00	4.28E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3610	ALL	655032	4186563	NonCancer	0.00E+00	4.14E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3611	ALL	655054.4	4186573	NonCancer	0.00E+00	4.44E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
3612	ALL	655076.7	4186583	NonCancer	0.00E+00	4.94E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3613	ALL	655099.1	4186594	NonCancer	0.00E+00	5.16E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
3614	ALL	655121.5	4186604	NonCancer	0.00E+00	5.04E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.04E-05	0.00E+00	5.04E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3615	ALL	655143.9	4186614	NonCancer	0.00E+00	4.62E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.62E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3616	ALL	655166.3	4186624	NonCancer	0.00E+00	3.98E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3617	ALL	655196.7	4186658	NonCancer	0.00E+00	3.33E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
3618	ALL	655204.8	4186681	NonCancer	0.00E+00	3.48E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
3619	ALL	655212.8	4186705	NonCancer	0.00E+00	3.68E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
3620	ALL	655220.9	4186728	NonCancer	0.00E+00	4.06E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.06E-05	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
3621	ALL	655228.9	4186751	NonCancer	0.00E+00	4.23E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
3622	ALL	655237	4186774	NonCancer	0.00E+00	4.16E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
3623	ALL	655245	4186798	NonCancer	0.00E+00	3.86E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.86E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
3624	ALL	655253.1	4186821	NonCancer	0.00E+00	4.07E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
3625	ALL	655261.1	4186844	NonCancer	0.00E+00	4.32E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3626	ALL	655269.2	4186868	NonCancer	0.00E+00	4.31E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3627	ALL	655277.3	4186891	NonCancer	0.00E+00	4.16E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
3628	ALL	655285.3	4186914	NonCancer	0.00E+00	4.36E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.36E-05	0.00E+00	4.36E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3629	ALL	655293.4	4186937	NonCancer	0.00E+00	4.29E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
3630	ALL	655301.4	4186961	NonCancer	0.00E+00	4.58E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3631	ALL	655309.5	4186984	NonCancer	0.00E+00	4.76E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.76E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3632	ALL	655317.5	4187007	NonCancer	0.00E+00	4.86E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3633	ALL	655325.6	4187031	NonCancer	0.00E+00	4.81E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3634	ALL	655333.6	4187054	NonCancer	0.00E+00	4.48E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
3635	ALL	655341.7	4187077	NonCancer	0.00E+00	3.93E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3636	ALL	655349.7	4187100	NonCancer	0.00E+00	3.53E-05	9.16E-04	0.00E+00	0.00E+00	9.16E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	9.16E-04
3637	ALL	655357.8	4187124	NonCancer	0.00E+00	3.43E-05	8.75E-04	0.00E+00	0.00E+00	8.75E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	8.75E-04
3638	ALL	655365.8	4187147	NonCancer	0.00E+00	3.19E-05	8.10E-04	0.00E+00	0.00E+00	8.10E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	8.10E-04
3639	ALL	655373.9	4187170	NonCancer	0.00E+00	3.27E-05	8.31E-04	0.00E+00	0.00E+00	8.31E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	8.31E-04
3640	ALL	655381.9	4187194	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
3641	ALL	655390	4187217	NonCancer	0.00E+00	3.68E-05	9.29E-04	0.00E+00	0.00E+00	9.29E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	9.29E-04
3642	ALL	655398	4187240	NonCancer	0.00E+00	3.67E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
3643	ALL	655406.1	4187263	NonCancer	0.00E+00	3.44E-05	8.76E-04	0.00E+00	0.00E+00	8.76E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	8.76E-04
3644	ALL	655414.1	4187287	NonCancer	0.00E+00	3.52E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
3645	ALL	655422.2	4187310	NonCancer	0.00E+00	3.42E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
3646	ALL	655430.2	4187333	NonCancer	0.00E+00	3.61E-05	9.11E-04	0.00E+00	0.00E+00	9.11E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	9.11E-04
3647	ALL	655438.3	4187356	NonCancer	0.00E+00	3.62E-05	9.15E-04	0.00E+00	0.00E+00	9.15E-04	3.62E-05	0.00E+00	3.62E-05	0.00E+00	0.00E+00	9.15E-04	0.00E+00	0.00E+00	9.15E-04
3648	ALL	655446.3	4187380	NonCancer	0.00E+00	3.40E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
3649	ALL	655454.4	4187403	NonCancer	0.00E+00	3.11E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04

3650	ALL	655462.4	4187426	NonCancer	0.00E+00	3.23E-05	8.21E-04	0.00E+00	0.00E+00	8.21E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	8.21E-04
3651	ALL	655470.5	4187450	NonCancer	0.00E+00	3.50E-05	8.82E-04	0.00E+00	0.00E+00	8.82E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	8.82E-04
3652	ALL	655478.5	4187473	NonCancer	0.00E+00	3.54E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3653	ALL	655486.6	4187496	NonCancer	0.00E+00	3.35E-05	8.52E-04	0.00E+00	0.00E+00	8.52E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	8.52E-04
3654	ALL	655494.6	4187519	NonCancer	0.00E+00	3.31E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
3655	ALL	655502.7	4187543	NonCancer	0.00E+00	3.55E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
3656	ALL	655510.8	4187566	NonCancer	0.00E+00	3.55E-05	8.98E-04	0.00E+00	0.00E+00	8.98E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
3657	ALL	655518.8	4187589	NonCancer	0.00E+00	3.37E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
3658	ALL	655526.9	4187613	NonCancer	0.00E+00	3.50E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
3659	ALL	655534.9	4187636	NonCancer	0.00E+00	3.42E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
3660	ALL	655543	4187659	NonCancer	0.00E+00	3.21E-05	8.20E-04	0.00E+00	0.00E+00	8.20E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	8.20E-04
3661	ALL	655551	4187682	NonCancer	0.00E+00	3.51E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
3662	ALL	655559.1	4187706	NonCancer	0.00E+00	3.63E-05	9.15E-04	0.00E+00	0.00E+00	9.15E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.15E-04	0.00E+00	0.00E+00	9.15E-04
3663	ALL	655567.1	4187729	NonCancer	0.00E+00	3.53E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
3664	ALL	655575.2	4187752	NonCancer	0.00E+00	3.46E-05	8.77E-04	0.00E+00	0.00E+00	8.77E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	8.77E-04
3665	ALL	655583.2	4187776	NonCancer	0.00E+00	3.50E-05	8.84E-04	0.00E+00	0.00E+00	8.84E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	8.84E-04
3666	ALL	655591.3	4187799	NonCancer	0.00E+00	3.35E-05	8.51E-04	0.00E+00	0.00E+00	8.51E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.51E-04
3667	ALL	655599.3	4187822	NonCancer	0.00E+00	3.10E-05	7.94E-04	0.00E+00	0.00E+00	7.94E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	7.94E-04
3668	ALL	655607.4	4187845	NonCancer	0.00E+00	3.33E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
3669	ALL	655615.4	4187869	NonCancer	0.00E+00	3.76E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
3670	ALL	655623.5	4187892	NonCancer	0.00E+00	4.03E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3671	ALL	655631.5	4187915	NonCancer	0.00E+00	3.95E-05	9.97E-04	0.00E+00	0.00E+00	9.97E-04	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	9.97E-04
3672	ALL	655639.6	4187939	NonCancer	0.00E+00	3.56E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
3673	ALL	655647.6	4187962	NonCancer	0.00E+00	3.20E-05	8.25E-04	0.00E+00	0.00E+00	8.25E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	8.25E-04
3674	ALL	655655.7	4187985	NonCancer	0.00E+00	3.30E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
3675	ALL	653867.8	4186028	NonCancer	0.00E+00	5.87E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
3676	ALL	653843	4186028	NonCancer	0.00E+00	4.87E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	4.87E-05	0.00E+00	4.87E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
3677	ALL	653818.2	4186027	NonCancer	0.00E+00	4.52E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.52E-05	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
3678	ALL	653793.4	4186026	NonCancer	0.00E+00	4.50E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
3679	ALL	653768.7	4186026	NonCancer	0.00E+00	4.57E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
3680	ALL	653743.9	4186025	NonCancer	0.00E+00	4.84E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.84E-05	0.00E+00	4.84E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
3681	ALL	653903.5	4185539	NonCancer	0.00E+00	4.77E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
3682	ALL	653925.9	4185549	NonCancer	0.00E+00	5.38E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.38E-05	0.00E+00	5.38E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
3683	ALL	653948.2	4185559	NonCancer	0.00E+00	5.85E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
3684	ALL	653970.6	4185570	NonCancer	0.00E+00	6.14E-05	1.55E-03	0.00E+00	0.00E+00	1.55E-03	6.14E-05	0.00E+00	6.14E-05	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
3685	ALL	653993	4185580	NonCancer	0.00E+00	6.20E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.20E-05	0.00E+00	6.20E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
3686	ALL	654015.4	4185590	NonCancer	0.00E+00	6.02E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	6.02E-05	0.00E+00	6.02E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
3687	ALL	654037.7	4185600	NonCancer	0.00E+00	5.62E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.62E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
3688	ALL	654060.1	4185611	NonCancer	0.00E+00	5.05E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
3689	ALL	654082.5	4185621	NonCancer	0.00E+00	4.35E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
3690	ALL	654104.8	4185631	NonCancer	0.00E+00	3.61E-05	9.48E-04	0.00E+00	0.00E+00	9.48E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	9.48E-04
3691	ALL	654127.2	4185641	NonCancer	0.00E+00	3.41E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
3692	ALL	654149.6	4185652	NonCancer	0.00E+00	3.17E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
3693	ALL	654172	4185662	NonCancer	0.00E+00	3.07E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
3694	ALL	654194.3	4185672	NonCancer	0.00E+00	2.89E-05	7.39E-04	0.00E+00	0.00E+00	7.39E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	7.39E-04
3695	ALL	654216.7	4185683	NonCancer	0.00E+00	2.92E-05	7.52E-04	0.00E+00	0.00E+00	7.52E-04	2.92E-05	0.00E+00	2.92E-05	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	7.52E-04
3696	ALL	654239.1	4185693	NonCancer	0.00E+00	2.97E-05	7.72E-04	0.00E+00	0.00E+00	7.72E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	7.72E-04
3697	ALL	654261.5	4185703	NonCancer	0.00E+00	3.26E-05	8.34E-04	0.00E+00	0.00E+00	8.34E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	8.34E-04
3698	ALL	654283.8	4185713	NonCancer	0.00E+00	3.41E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
3699	ALL	654306.2	4185724	NonCancer	0.00E+00	3.42E-05	8.63E-04	0.00E+00	0.00E+00	8.63E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	8.63E-04

3700	ALL	654328.6	4185734	NonCancer	0.00E+00	3.30E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
3701	ALL	654350.9	4185744	NonCancer	0.00E+00	3.46E-05	8.78E-04	0.00E+00	0.00E+00	8.78E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	8.78E-04
3702	ALL	654373.3	4185754	NonCancer	0.00E+00	3.51E-05	8.87E-04	0.00E+00	0.00E+00	8.87E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04
3703	ALL	654395.7	4185765	NonCancer	0.00E+00	3.40E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
3704	ALL	654418.1	4185775	NonCancer	0.00E+00	3.33E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
3705	ALL	654440.4	4185785	NonCancer	0.00E+00	3.37E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
3706	ALL	654462.8	4185796	NonCancer	0.00E+00	3.49E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
3707	ALL	654485.2	4185806	NonCancer	0.00E+00	3.54E-05	8.98E-04	0.00E+00	0.00E+00	8.98E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
3708	ALL	654507.5	4185816	NonCancer	0.00E+00	3.57E-05	9.03E-04	0.00E+00	0.00E+00	9.03E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04
3709	ALL	654529.9	4185826	NonCancer	0.00E+00	3.54E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3710	ALL	654552.3	4185837	NonCancer	0.00E+00	3.37E-05	8.65E-04	0.00E+00	0.00E+00	8.65E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	8.65E-04
3711	ALL	654574.7	4185847	NonCancer	0.00E+00	3.58E-05	9.09E-04	0.00E+00	0.00E+00	9.09E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.09E-04	0.00E+00	0.00E+00	9.09E-04
3712	ALL	654597	4185857	NonCancer	0.00E+00	3.60E-05	9.13E-04	0.00E+00	0.00E+00	9.13E-04	3.60E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	9.13E-04
3713	ALL	654619.4	4185867	NonCancer	0.00E+00	3.59E-05	9.08E-04	0.00E+00	0.00E+00	9.08E-04	3.59E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	9.08E-04
3714	ALL	654641.8	4185878	NonCancer	0.00E+00	3.53E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
3715	ALL	654664.2	4185888	NonCancer	0.00E+00	3.30E-05	8.37E-04	0.00E+00	0.00E+00	8.37E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	8.37E-04
3716	ALL	654686.5	4185898	NonCancer	0.00E+00	3.13E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
3717	ALL	654708.9	4185909	NonCancer	0.00E+00	3.36E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
3718	ALL	654731.3	4185919	NonCancer	0.00E+00	3.44E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
3719	ALL	654753.6	4185929	NonCancer	0.00E+00	3.36E-05	8.51E-04	0.00E+00	0.00E+00	8.51E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.51E-04
3720	ALL	654776	4185939	NonCancer	0.00E+00	3.14E-05	7.98E-04	0.00E+00	0.00E+00	7.98E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	7.98E-04
3721	ALL	654798.4	4185950	NonCancer	0.00E+00	2.92E-05	7.52E-04	0.00E+00	0.00E+00	7.52E-04	2.92E-05	0.00E+00	2.92E-05	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	7.52E-04
3722	ALL	654820.8	4185960	NonCancer	0.00E+00	3.04E-05	7.89E-04	0.00E+00	0.00E+00	7.89E-04	3.04E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	7.89E-04
3723	ALL	654843.1	4185970	NonCancer	0.00E+00	3.36E-05	8.60E-04	0.00E+00	0.00E+00	8.60E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.60E-04	0.00E+00	0.00E+00	8.60E-04
3724	ALL	654865.5	4185980	NonCancer	0.00E+00	3.54E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
3725	ALL	654887.9	4185991	NonCancer	0.00E+00	3.54E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3726	ALL	654910.2	4186001	NonCancer	0.00E+00	3.35E-05	8.49E-04	0.00E+00	0.00E+00	8.49E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	8.49E-04
3727	ALL	654932.6	4186011	NonCancer	0.00E+00	3.09E-05	7.83E-04	0.00E+00	0.00E+00	7.83E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	7.83E-04
3728	ALL	654955	4186021	NonCancer	0.00E+00	2.91E-05	7.37E-04	0.00E+00	0.00E+00	7.37E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	7.37E-04
3729	ALL	654977.4	4186032	NonCancer	0.00E+00	2.81E-05	7.22E-04	0.00E+00	0.00E+00	7.22E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	7.22E-04
3730	ALL	654999.7	4186042	NonCancer	0.00E+00	2.99E-05	7.64E-04	0.00E+00	0.00E+00	7.64E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	7.64E-04
3731	ALL	655022.1	4186052	NonCancer	0.00E+00	3.07E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
3732	ALL	655044.5	4186063	NonCancer	0.00E+00	3.26E-05	8.27E-04	0.00E+00	0.00E+00	8.27E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	8.27E-04
3733	ALL	655066.9	4186073	NonCancer	0.00E+00	3.29E-05	8.31E-04	0.00E+00	0.00E+00	8.31E-04	3.29E-05	0.00E+00	3.29E-05	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	8.31E-04
3734	ALL	655089.2	4186083	NonCancer	0.00E+00	3.16E-05	7.99E-04	0.00E+00	0.00E+00	7.99E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	7.99E-04
3735	ALL	655111.6	4186093	NonCancer	0.00E+00	3.02E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	3.02E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
3736	ALL	655134	4186104	NonCancer	0.00E+00	2.89E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
3737	ALL	655156.3	4186114	NonCancer	0.00E+00	3.08E-05	7.82E-04	0.00E+00	0.00E+00	7.82E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	7.82E-04
3738	ALL	655178.7	4186124	NonCancer	0.00E+00	3.12E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
3739	ALL	655201.1	4186134	NonCancer	0.00E+00	2.99E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04
3740	ALL	655223.5	4186145	NonCancer	0.00E+00	2.73E-05	6.95E-04	0.00E+00	0.00E+00	6.95E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	6.95E-04
3741	ALL	655245.8	4186155	NonCancer	0.00E+00	2.54E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
3742	ALL	655268.2	4186165	NonCancer	0.00E+00	2.69E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
3743	ALL	655290.6	4186176	NonCancer	0.00E+00	2.95E-05	7.54E-04	0.00E+00	0.00E+00	7.54E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.54E-04	0.00E+00	0.00E+00	7.54E-04
3744	ALL	655312.9	4186186	NonCancer	0.00E+00	3.10E-05	7.86E-04	0.00E+00	0.00E+00	7.86E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	7.86E-04
3745	ALL	655335.3	4186196	NonCancer	0.00E+00	3.13E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
3746	ALL	655357.7	4186206	NonCancer	0.00E+00	3.06E-05	8.02E-04	0.00E+00	0.00E+00	8.02E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
3747	ALL	655380.1	4186217	NonCancer	0.00E+00	3.48E-05	9.05E-04	0.00E+00	0.00E+00	9.05E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	9.05E-04
3748	ALL	655402.4	4186227	NonCancer	0.00E+00	3.94E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3749	ALL	655424.8	4186237	NonCancer	0.00E+00	4.25E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03

3750	ALL	655447.2	4186247	NonCancer	0.00E+00	4.37E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3751	ALL	655469.5	4186258	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3752	ALL	655491.9	4186268	NonCancer	0.00E+00	4.01E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3753	ALL	655514.3	4186278	NonCancer	0.00E+00	3.58E-05	9.17E-04	0.00E+00	0.00E+00	9.17E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	9.17E-04
3754	ALL	655536.7	4186289	NonCancer	0.00E+00	3.06E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
3755	ALL	655567.1	4186322	NonCancer	0.00E+00	2.44E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3756	ALL	655575.1	4186345	NonCancer	0.00E+00	2.50E-05	6.35E-04	0.00E+00	0.00E+00	6.35E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	6.35E-04
3757	ALL	655583.2	4186369	NonCancer	0.00E+00	2.55E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
3758	ALL	655591.2	4186392	NonCancer	0.00E+00	2.73E-05	7.00E-04	0.00E+00	0.00E+00	7.00E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	7.00E-04
3759	ALL	655599.3	4186415	NonCancer	0.00E+00	2.96E-05	7.52E-04	0.00E+00	0.00E+00	7.52E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	7.52E-04
3760	ALL	655607.3	4186438	NonCancer	0.00E+00	3.07E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
3761	ALL	655615.4	4186462	NonCancer	0.00E+00	3.07E-05	7.76E-04	0.00E+00	0.00E+00	7.76E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	7.76E-04
3762	ALL	655623.4	4186485	NonCancer	0.00E+00	2.93E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
3763	ALL	655631.5	4186508	NonCancer	0.00E+00	2.69E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
3764	ALL	655639.5	4186531	NonCancer	0.00E+00	2.95E-05	7.53E-04	0.00E+00	0.00E+00	7.53E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	7.53E-04
3765	ALL	655647.5	4186555	NonCancer	0.00E+00	3.13E-05	7.92E-04	0.00E+00	0.00E+00	7.92E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	7.92E-04
3766	ALL	655655.6	4186578	NonCancer	0.00E+00	3.17E-05	8.01E-04	0.00E+00	0.00E+00	8.01E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	8.01E-04
3767	ALL	655663.6	4186601	NonCancer	0.00E+00	3.07E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
3768	ALL	655671.7	4186625	NonCancer	0.00E+00	3.07E-05	7.79E-04	0.00E+00	0.00E+00	7.79E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	7.79E-04
3769	ALL	655679.7	4186648	NonCancer	0.00E+00	3.19E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
3770	ALL	655687.8	4186671	NonCancer	0.00E+00	3.27E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
3771	ALL	655695.8	4186694	NonCancer	0.00E+00	3.71E-05	9.41E-04	0.00E+00	0.00E+00	9.41E-04	3.71E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	9.41E-04
3772	ALL	655703.9	4186718	NonCancer	0.00E+00	3.97E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.97E-05	0.00E+00	3.97E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
3773	ALL	655711.9	4186741	NonCancer	0.00E+00	4.00E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
3774	ALL	655720	4186764	NonCancer	0.00E+00	3.79E-05	9.58E-04	0.00E+00	0.00E+00	9.58E-04	3.79E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	9.58E-04
3775	ALL	655728	4186787	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
3776	ALL	655736	4186811	NonCancer	0.00E+00	3.34E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
3777	ALL	655744.1	4186834	NonCancer	0.00E+00	3.05E-05	7.89E-04	0.00E+00	0.00E+00	7.89E-04	3.05E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	7.89E-04
3778	ALL	655752.1	4186857	NonCancer	0.00E+00	2.66E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
3779	ALL	655760.2	4186880	NonCancer	0.00E+00	2.56E-05	6.62E-04	0.00E+00	0.00E+00	6.62E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	6.62E-04
3780	ALL	655768.2	4186904	NonCancer	0.00E+00	2.51E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
3781	ALL	655776.3	4186927	NonCancer	0.00E+00	2.60E-05	6.57E-04	0.00E+00	0.00E+00	6.57E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	6.57E-04
3782	ALL	655784.3	4186950	NonCancer	0.00E+00	2.72E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
3783	ALL	655792.4	4186974	NonCancer	0.00E+00	2.73E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
3784	ALL	655800.4	4186997	NonCancer	0.00E+00	2.62E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
3785	ALL	655808.5	4187020	NonCancer	0.00E+00	2.65E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
3786	ALL	655816.5	4187043	NonCancer	0.00E+00	2.69E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
3787	ALL	655824.6	4187067	NonCancer	0.00E+00	2.61E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
3788	ALL	655832.6	4187090	NonCancer	0.00E+00	2.50E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
3789	ALL	655840.6	4187113	NonCancer	0.00E+00	2.56E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
3790	ALL	655848.7	4187136	NonCancer	0.00E+00	2.51E-05	6.37E-04	0.00E+00	0.00E+00	6.37E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	6.37E-04
3791	ALL	655856.7	4187160	NonCancer	0.00E+00	2.56E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
3792	ALL	655864.8	4187183	NonCancer	0.00E+00	2.65E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
3793	ALL	655872.8	4187206	NonCancer	0.00E+00	2.62E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
3794	ALL	655880.9	4187229	NonCancer	0.00E+00	2.47E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3795	ALL	655888.9	4187253	NonCancer	0.00E+00	2.26E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
3796	ALL	655897	4187276	NonCancer	0.00E+00	2.24E-05	5.70E-04	0.00E+00	0.00E+00	5.70E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	5.70E-04
3797	ALL	655905	4187299	NonCancer	0.00E+00	2.41E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
3798	ALL	655913.1	4187323	NonCancer	0.00E+00	2.56E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
3799	ALL	655921.1	4187346	NonCancer	0.00E+00	2.58E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04

3800	ALL	655929.2	4187369	NonCancer	0.00E+00	2.48E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3801	ALL	655937.2	4187392	NonCancer	0.00E+00	2.27E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
3802	ALL	655945.2	4187416	NonCancer	0.00E+00	2.47E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
3803	ALL	655953.3	4187439	NonCancer	0.00E+00	2.59E-05	6.54E-04	0.00E+00	0.00E+00	6.54E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	6.54E-04
3804	ALL	655961.3	4187462	NonCancer	0.00E+00	2.59E-05	6.56E-04	0.00E+00	0.00E+00	6.56E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
3805	ALL	655969.4	4187485	NonCancer	0.00E+00	2.48E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
3806	ALL	655977.4	4187509	NonCancer	0.00E+00	2.52E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
3807	ALL	655985.5	4187532	NonCancer	0.00E+00	2.55E-05	6.44E-04	0.00E+00	0.00E+00	6.44E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	6.44E-04
3808	ALL	655993.5	4187555	NonCancer	0.00E+00	2.46E-05	6.26E-04	0.00E+00	0.00E+00	6.26E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	6.26E-04
3809	ALL	656001.6	4187578	NonCancer	0.00E+00	2.27E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
3810	ALL	656009.6	4187602	NonCancer	0.00E+00	2.48E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
3811	ALL	656017.7	4187625	NonCancer	0.00E+00	2.61E-05	6.59E-04	0.00E+00	0.00E+00	6.59E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
3812	ALL	656025.7	4187648	NonCancer	0.00E+00	2.63E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
3813	ALL	656033.8	4187671	NonCancer	0.00E+00	2.55E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
3814	ALL	656041.8	4187695	NonCancer	0.00E+00	2.50E-05	6.34E-04	0.00E+00	0.00E+00	6.34E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04
3815	ALL	656049.8	4187718	NonCancer	0.00E+00	2.55E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
3816	ALL	656057.9	4187741	NonCancer	0.00E+00	2.51E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
3817	ALL	656065.9	4187765	NonCancer	0.00E+00	2.36E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
3818	ALL	656074	4187788	NonCancer	0.00E+00	2.31E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
3819	ALL	656082	4187811	NonCancer	0.00E+00	2.69E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
3820	ALL	656090.1	4187834	NonCancer	0.00E+00	3.01E-05	7.60E-04	0.00E+00	0.00E+00	7.60E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	7.60E-04
3821	ALL	656098.1	4187858	NonCancer	0.00E+00	3.31E-05	8.32E-04	0.00E+00	0.00E+00	8.32E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	8.32E-04
3822	ALL	656106.2	4187881	NonCancer	0.00E+00	3.43E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
3823	ALL	656114.2	4187904	NonCancer	0.00E+00	3.32E-05	8.40E-04	0.00E+00	0.00E+00	8.40E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.40E-04
3824	ALL	656122.3	4187927	NonCancer	0.00E+00	3.02E-05	7.76E-04	0.00E+00	0.00E+00	7.76E-04	3.02E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	7.76E-04
3825	ALL	656130.3	4187951	NonCancer	0.00E+00	2.72E-05	7.04E-04	0.00E+00	0.00E+00	7.04E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	7.04E-04
3826	ALL	656138.3	4187974	NonCancer	0.00E+00	2.39E-05	6.27E-04	0.00E+00	0.00E+00	6.27E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	6.27E-04
3827	ALL	656146.4	4187997	NonCancer	0.00E+00	2.43E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
3828	ALL	656154.4	4188020	NonCancer	0.00E+00	2.40E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
3829	ALL	653881.1	4185528	NonCancer	0.00E+00	4.08E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
3830	ALL	653856.4	4185528	NonCancer	0.00E+00	3.34E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
3831	ALL	653831.6	4185527	NonCancer	0.00E+00	3.33E-05	8.91E-04	0.00E+00	0.00E+00	8.91E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	8.91E-04
3832	ALL	653806.8	4185526	NonCancer	0.00E+00	3.28E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
3833	ALL	653782	4185526	NonCancer	0.00E+00	3.28E-05	8.40E-04	0.00E+00	0.00E+00	8.40E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.40E-04
3834	ALL	653757.2	4185525	NonCancer	0.00E+00	3.45E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
3835	ALL	653916.8	4185039	NonCancer	0.00E+00	3.57E-05	9.59E-04	0.00E+00	0.00E+00	9.59E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.59E-04	0.00E+00	0.00E+00	9.59E-04
3836	ALL	653939.2	4185049	NonCancer	0.00E+00	4.10E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
3837	ALL	653961.6	4185059	NonCancer	0.00E+00	4.58E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.58E-05	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
3838	ALL	653983.9	4185070	NonCancer	0.00E+00	4.98E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.98E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
3839	ALL	654006.3	4185080	NonCancer	0.00E+00	5.27E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.27E-05	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
3840	ALL	654028.7	4185090	NonCancer	0.00E+00	5.41E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3841	ALL	654051	4185100	NonCancer	0.00E+00	5.40E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.40E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
3842	ALL	654073.4	4185111	NonCancer	0.00E+00	5.22E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
3843	ALL	654095.7	4185121	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
3844	ALL	654118.1	4185131	NonCancer	0.00E+00	4.46E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.46E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
3845	ALL	654140.5	4185142	NonCancer	0.00E+00	3.94E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
3846	ALL	654162.8	4185152	NonCancer	0.00E+00	3.38E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
3847	ALL	654185.2	4185162	NonCancer	0.00E+00	2.88E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.88E-05	0.00E+00	2.88E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
3848	ALL	654207.5	4185172	NonCancer	0.00E+00	2.64E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
3849	ALL	654229.9	4185183	NonCancer	0.00E+00	2.47E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04

3850	ALL	654252.3	4185193	NonCancer	0.00E+00	2.40E-05	6.07E-04	0.00E+00	0.00E+00	6.07E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	6.07E-04
3851	ALL	654274.6	4185203	NonCancer	0.00E+00	2.28E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
3852	ALL	654297	4185213	NonCancer	0.00E+00	2.21E-05	5.64E-04	0.00E+00	0.00E+00	5.64E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	5.64E-04
3853	ALL	654319.4	4185224	NonCancer	0.00E+00	2.26E-05	5.80E-04	0.00E+00	0.00E+00	5.80E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04
3854	ALL	654341.7	4185234	NonCancer	0.00E+00	2.27E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
3855	ALL	654364.1	4185244	NonCancer	0.00E+00	2.47E-05	6.34E-04	0.00E+00	0.00E+00	6.34E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04
3856	ALL	654386.4	4185255	NonCancer	0.00E+00	2.60E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
3857	ALL	654408.8	4185265	NonCancer	0.00E+00	2.65E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
3858	ALL	654431.2	4185275	NonCancer	0.00E+00	2.61E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
3859	ALL	654453.5	4185285	NonCancer	0.00E+00	2.56E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
3860	ALL	654475.9	4185296	NonCancer	0.00E+00	2.67E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
3861	ALL	654498.2	4185306	NonCancer	0.00E+00	2.72E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
3862	ALL	654520.6	4185316	NonCancer	0.00E+00	2.66E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
3863	ALL	654543	4185326	NonCancer	0.00E+00	2.59E-05	6.56E-04	0.00E+00	0.00E+00	6.56E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
3864	ALL	654565.3	4185337	NonCancer	0.00E+00	2.63E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
3865	ALL	654587.7	4185347	NonCancer	0.00E+00	2.69E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
3866	ALL	654610.1	4185357	NonCancer	0.00E+00	2.69E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
3867	ALL	654632.4	4185367	NonCancer	0.00E+00	2.74E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
3868	ALL	654654.8	4185378	NonCancer	0.00E+00	2.73E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
3869	ALL	654677.1	4185388	NonCancer	0.00E+00	2.77E-05	6.99E-04	0.00E+00	0.00E+00	6.99E-04	2.77E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	6.99E-04
3870	ALL	654699.5	4185398	NonCancer	0.00E+00	2.70E-05	6.92E-04	0.00E+00	0.00E+00	6.92E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	6.92E-04
3871	ALL	654721.9	4185409	NonCancer	0.00E+00	2.86E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
3872	ALL	654744.2	4185419	NonCancer	0.00E+00	3.03E-05	7.66E-04	0.00E+00	0.00E+00	7.66E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	7.66E-04
3873	ALL	654766.6	4185429	NonCancer	0.00E+00	3.07E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
3874	ALL	654788.9	4185439	NonCancer	0.00E+00	2.95E-05	7.41E-04	0.00E+00	0.00E+00	7.41E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	7.41E-04
3875	ALL	654811.3	4185450	NonCancer	0.00E+00	2.77E-05	7.00E-04	0.00E+00	0.00E+00	7.00E-04	2.77E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	7.00E-04
3876	ALL	654833.7	4185460	NonCancer	0.00E+00	2.68E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
3877	ALL	654856	4185470	NonCancer	0.00E+00	2.48E-05	6.33E-04	0.00E+00	0.00E+00	6.33E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	6.33E-04
3878	ALL	654878.4	4185480	NonCancer	0.00E+00	2.38E-05	6.15E-04	0.00E+00	0.00E+00	6.15E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	6.15E-04
3879	ALL	654900.8	4185491	NonCancer	0.00E+00	2.55E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
3880	ALL	654923.1	4185501	NonCancer	0.00E+00	2.64E-05	6.71E-04	0.00E+00	0.00E+00	6.71E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	6.71E-04
3881	ALL	654945.5	4185511	NonCancer	0.00E+00	2.64E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
3882	ALL	654967.8	4185521	NonCancer	0.00E+00	2.54E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
3883	ALL	654990.2	4185532	NonCancer	0.00E+00	2.36E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
3884	ALL	655012.6	4185542	NonCancer	0.00E+00	2.24E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
3885	ALL	655034.9	4185552	NonCancer	0.00E+00	2.24E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
3886	ALL	655057.3	4185563	NonCancer	0.00E+00	2.49E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
3887	ALL	655079.6	4185573	NonCancer	0.00E+00	2.67E-05	6.80E-04	0.00E+00	0.00E+00	6.80E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	6.80E-04
3888	ALL	655102	4185583	NonCancer	0.00E+00	2.75E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.75E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
3889	ALL	655124.4	4185593	NonCancer	0.00E+00	2.72E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
3890	ALL	655146.7	4185604	NonCancer	0.00E+00	2.58E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
3891	ALL	655169.1	4185614	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
3892	ALL	655191.5	4185624	NonCancer	0.00E+00	2.29E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
3893	ALL	655213.8	4185634	NonCancer	0.00E+00	2.13E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
3894	ALL	655236.2	4185645	NonCancer	0.00E+00	2.19E-05	5.63E-04	0.00E+00	0.00E+00	5.63E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	5.63E-04
3895	ALL	655258.5	4185655	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
3896	ALL	655280.9	4185665	NonCancer	0.00E+00	2.36E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
3897	ALL	655303.3	4185675	NonCancer	0.00E+00	2.49E-05	6.33E-04	0.00E+00	0.00E+00	6.33E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	6.33E-04
3898	ALL	655325.6	4185686	NonCancer	0.00E+00	2.55E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
3899	ALL	655348	4185696	NonCancer	0.00E+00	2.51E-05	6.34E-04	0.00E+00	0.00E+00	6.34E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	6.34E-04

3900	ALL	655370.4	4185706	NonCancer	0.00E+00	2.38E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
3901	ALL	655392.7	4185717	NonCancer	0.00E+00	2.32E-05	5.87E-04	0.00E+00	0.00E+00	5.87E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	5.87E-04
3902	ALL	655415.1	4185727	NonCancer	0.00E+00	2.20E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
3903	ALL	655437.4	4185737	NonCancer	0.00E+00	2.35E-05	5.98E-04	0.00E+00	0.00E+00	5.98E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	5.98E-04
3904	ALL	655459.8	4185747	NonCancer	0.00E+00	2.42E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
3905	ALL	655482.2	4185758	NonCancer	0.00E+00	2.38E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
3906	ALL	655504.5	4185768	NonCancer	0.00E+00	2.26E-05	5.72E-04	0.00E+00	0.00E+00	5.72E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	5.72E-04
3907	ALL	655526.9	4185778	NonCancer	0.00E+00	2.05E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
3908	ALL	655549.2	4185788	NonCancer	0.00E+00	1.96E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
3909	ALL	655571.6	4185799	NonCancer	0.00E+00	1.97E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
3910	ALL	655594	4185809	NonCancer	0.00E+00	2.18E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
3911	ALL	655616.3	4185819	NonCancer	0.00E+00	2.33E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
3912	ALL	655638.7	4185829	NonCancer	0.00E+00	2.41E-05	6.14E-04	0.00E+00	0.00E+00	6.14E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	6.14E-04
3913	ALL	655661.1	4185840	NonCancer	0.00E+00	2.43E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
3914	ALL	655683.4	4185850	NonCancer	0.00E+00	2.40E-05	6.42E-04	0.00E+00	0.00E+00	6.42E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	6.42E-04
3915	ALL	655705.8	4185860	NonCancer	0.00E+00	2.82E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
3916	ALL	655728.1	4185871	NonCancer	0.00E+00	3.22E-05	8.30E-04	0.00E+00	0.00E+00	8.30E-04	3.22E-05	0.00E+00	3.22E-05	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	8.30E-04
3917	ALL	655750.5	4185881	NonCancer	0.00E+00	3.54E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
3918	ALL	655772.9	4185891	NonCancer	0.00E+00	3.75E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.75E-05	0.00E+00	3.75E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
3919	ALL	655795.2	4185901	NonCancer	0.00E+00	3.82E-05	9.62E-04	0.00E+00	0.00E+00	9.62E-04	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	9.62E-04
3920	ALL	655817.6	4185912	NonCancer	0.00E+00	3.76E-05	9.45E-04	0.00E+00	0.00E+00	9.45E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
3921	ALL	655839.9	4185922	NonCancer	0.00E+00	3.56E-05	8.99E-04	0.00E+00	0.00E+00	8.99E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	8.99E-04
3922	ALL	655862.3	4185932	NonCancer	0.00E+00	3.25E-05	8.28E-04	0.00E+00	0.00E+00	8.28E-04	3.25E-05	0.00E+00	3.25E-05	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	8.28E-04
3923	ALL	655884.7	4185942	NonCancer	0.00E+00	2.86E-05	7.39E-04	0.00E+00	0.00E+00	7.39E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	7.39E-04
3924	ALL	655907	4185953	NonCancer	0.00E+00	2.43E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
3925	ALL	655937.4	4185986	NonCancer	0.00E+00	1.90E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3926	ALL	655945.5	4186009	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
3927	ALL	655953.5	4186033	NonCancer	0.00E+00	1.96E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
3928	ALL	655961.6	4186056	NonCancer	0.00E+00	1.96E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
3929	ALL	655969.6	4186079	NonCancer	0.00E+00	2.12E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
3930	ALL	655977.6	4186102	NonCancer	0.00E+00	2.28E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
3931	ALL	655985.7	4186126	NonCancer	0.00E+00	2.36E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
3932	ALL	655993.7	4186149	NonCancer	0.00E+00	2.38E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
3933	ALL	656001.8	4186172	NonCancer	0.00E+00	2.31E-05	5.87E-04	0.00E+00	0.00E+00	5.87E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	5.87E-04
3934	ALL	656009.8	4186195	NonCancer	0.00E+00	2.18E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
3935	ALL	656017.9	4186219	NonCancer	0.00E+00	2.08E-05	5.35E-04	0.00E+00	0.00E+00	5.35E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	5.35E-04
3936	ALL	656025.9	4186242	NonCancer	0.00E+00	2.27E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
3937	ALL	656033.9	4186265	NonCancer	0.00E+00	2.40E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
3938	ALL	656042	4186288	NonCancer	0.00E+00	2.45E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
3939	ALL	656050	4186312	NonCancer	0.00E+00	2.41E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
3940	ALL	656058.1	4186335	NonCancer	0.00E+00	2.30E-05	5.85E-04	0.00E+00	0.00E+00	5.85E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	5.85E-04
3941	ALL	656066.1	4186358	NonCancer	0.00E+00	2.39E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
3942	ALL	656074.2	4186382	NonCancer	0.00E+00	2.48E-05	6.40E-04	0.00E+00	0.00E+00	6.40E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	6.40E-04
3943	ALL	656082.2	4186405	NonCancer	0.00E+00	2.71E-05	7.02E-04	0.00E+00	0.00E+00	7.02E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	7.02E-04
3944	ALL	656090.2	4186428	NonCancer	0.00E+00	3.09E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
3945	ALL	656098.3	4186451	NonCancer	0.00E+00	3.36E-05	8.50E-04	0.00E+00	0.00E+00	8.50E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	8.50E-04
3946	ALL	656106.3	4186475	NonCancer	0.00E+00	3.50E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
3947	ALL	656114.4	4186498	NonCancer	0.00E+00	3.47E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
3948	ALL	656122.4	4186521	NonCancer	0.00E+00	3.28E-05	8.31E-04	0.00E+00	0.00E+00	8.31E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	8.31E-04
3949	ALL	656130.4	4186544	NonCancer	0.00E+00	2.96E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04

3950	ALL	656138.5	4186568	NonCancer	0.00E+00	2.63E-05	6.79E-04	0.00E+00	0.00E+00	6.79E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	6.79E-04
3951	ALL	656146.5	4186591	NonCancer	0.00E+00	2.44E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
3952	ALL	656154.6	4186614	NonCancer	0.00E+00	2.20E-05	5.74E-04	0.00E+00	0.00E+00	5.74E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	5.74E-04
3953	ALL	656162.6	4186637	NonCancer	0.00E+00	1.94E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
3954	ALL	656170.7	4186661	NonCancer	0.00E+00	1.97E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
3955	ALL	656178.7	4186684	NonCancer	0.00E+00	2.00E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
3956	ALL	656186.7	4186707	NonCancer	0.00E+00	2.19E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
3957	ALL	656194.8	4186730	NonCancer	0.00E+00	2.32E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
3958	ALL	656202.8	4186754	NonCancer	0.00E+00	2.38E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04
3959	ALL	656210.9	4186777	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
3960	ALL	656218.9	4186800	NonCancer	0.00E+00	2.28E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
3961	ALL	656227	4186823	NonCancer	0.00E+00	2.12E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
3962	ALL	656235	4186847	NonCancer	0.00E+00	2.08E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
3963	ALL	656243	4186870	NonCancer	0.00E+00	2.06E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
3964	ALL	656251.1	4186893	NonCancer	0.00E+00	1.97E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
3965	ALL	656259.1	4186916	NonCancer	0.00E+00	1.93E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
3966	ALL	656267.2	4186940	NonCancer	0.00E+00	1.97E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
3967	ALL	656275.2	4186963	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
3968	ALL	656283.3	4186986	NonCancer	0.00E+00	1.93E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
3969	ALL	656291.3	4187009	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
3970	ALL	656299.3	4187033	NonCancer	0.00E+00	2.05E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
3971	ALL	656307.4	4187056	NonCancer	0.00E+00	2.01E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
3972	ALL	656315.4	4187079	NonCancer	0.00E+00	1.90E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
3973	ALL	656323.5	4187102	NonCancer	0.00E+00	1.74E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
3974	ALL	656331.5	4187126	NonCancer	0.00E+00	1.74E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
3975	ALL	656339.5	4187149	NonCancer	0.00E+00	1.75E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
3976	ALL	656347.6	4187172	NonCancer	0.00E+00	1.89E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
3977	ALL	656355.6	4187195	NonCancer	0.00E+00	1.98E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
3978	ALL	656363.7	4187219	NonCancer	0.00E+00	1.99E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
3979	ALL	656371.7	4187242	NonCancer	0.00E+00	1.93E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
3980	ALL	656379.8	4187265	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
3981	ALL	656387.8	4187288	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
3982	ALL	656395.8	4187312	NonCancer	0.00E+00	1.93E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
3983	ALL	656403.9	4187335	NonCancer	0.00E+00	2.00E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
3984	ALL	656411.9	4187358	NonCancer	0.00E+00	2.00E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
3985	ALL	656420	4187381	NonCancer	0.00E+00	1.93E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
3986	ALL	656428	4187405	NonCancer	0.00E+00	1.90E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
3987	ALL	656436.1	4187428	NonCancer	0.00E+00	1.96E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3988	ALL	656444.1	4187451	NonCancer	0.00E+00	1.96E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
3989	ALL	656452.1	4187474	NonCancer	0.00E+00	1.88E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
3990	ALL	656460.2	4187498	NonCancer	0.00E+00	1.75E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
3991	ALL	656468.2	4187521	NonCancer	0.00E+00	1.85E-05	4.72E-04	0.00E+00	0.00E+00	4.72E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	4.72E-04
3992	ALL	656476.3	4187544	NonCancer	0.00E+00	1.97E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
3993	ALL	656484.3	4187567	NonCancer	0.00E+00	2.03E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
3994	ALL	656492.3	4187591	NonCancer	0.00E+00	2.02E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
3995	ALL	656500.4	4187614	NonCancer	0.00E+00	1.95E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3996	ALL	656508.4	4187637	NonCancer	0.00E+00	1.91E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
3997	ALL	656516.5	4187661	NonCancer	0.00E+00	1.96E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3998	ALL	656524.5	4187684	NonCancer	0.00E+00	1.96E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
3999	ALL	656532.6	4187707	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04

4000	ALL	656540.6	4187730	NonCancer	0.00E+00	1.77E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
4001	ALL	656548.6	4187754	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4002	ALL	656556.7	4187777	NonCancer	0.00E+00	2.25E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
4003	ALL	656564.7	4187800	NonCancer	0.00E+00	2.51E-05	6.38E-04	0.00E+00	0.00E+00	6.38E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	6.38E-04
4004	ALL	656572.8	4187823	NonCancer	0.00E+00	2.76E-05	6.97E-04	0.00E+00	0.00E+00	6.97E-04	2.76E-05	0.00E+00	2.76E-05	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	6.97E-04
4005	ALL	656580.8	4187847	NonCancer	0.00E+00	2.95E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.95E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
4006	ALL	656588.9	4187870	NonCancer	0.00E+00	2.99E-05	7.51E-04	0.00E+00	0.00E+00	7.51E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	7.51E-04
4007	ALL	656596.9	4187893	NonCancer	0.00E+00	2.88E-05	7.30E-04	0.00E+00	0.00E+00	7.30E-04	2.88E-05	0.00E+00	2.88E-05	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	7.30E-04
4008	ALL	656604.9	4187916	NonCancer	0.00E+00	2.65E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
4009	ALL	656613	4187940	NonCancer	0.00E+00	2.41E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
4010	ALL	656621	4187963	NonCancer	0.00E+00	2.13E-05	5.59E-04	0.00E+00	0.00E+00	5.59E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	5.59E-04
4011	ALL	656629.1	4187986	NonCancer	0.00E+00	1.88E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
4012	ALL	656637.1	4188009	NonCancer	0.00E+00	1.88E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
4013	ALL	656645.2	4188033	NonCancer	0.00E+00	1.86E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4014	ALL	656653.2	4188056	NonCancer	0.00E+00	1.89E-05	4.78E-04	0.00E+00	0.00E+00	4.78E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	4.78E-04
4015	ALL	653894.5	4185029	NonCancer	0.00E+00	3.03E-05	8.34E-04	0.00E+00	0.00E+00	8.34E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	8.34E-04
4016	ALL	653869.7	4185028	NonCancer	0.00E+00	2.56E-05	7.19E-04	0.00E+00	0.00E+00	7.19E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	7.19E-04
4017	ALL	653844.9	4185027	NonCancer	0.00E+00	2.59E-05	6.98E-04	0.00E+00	0.00E+00	6.98E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	6.98E-04
4018	ALL	653820.1	4185027	NonCancer	0.00E+00	2.53E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
4019	ALL	653795.4	4185026	NonCancer	0.00E+00	2.54E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
4020	ALL	653770.6	4185025	NonCancer	0.00E+00	2.61E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
4021	ALL	653930.2	4184539	NonCancer	0.00E+00	2.73E-05	7.49E-04	0.00E+00	0.00E+00	7.49E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	7.49E-04
4022	ALL	653952.5	4184549	NonCancer	0.00E+00	3.16E-05	8.49E-04	0.00E+00	0.00E+00	8.49E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	8.49E-04
4023	ALL	653974.9	4184560	NonCancer	0.00E+00	3.59E-05	9.47E-04	0.00E+00	0.00E+00	9.47E-04	3.59E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	9.47E-04
4024	ALL	653997.3	4184570	NonCancer	0.00E+00	3.99E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
4025	ALL	654019.6	4184580	NonCancer	0.00E+00	4.34E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4026	ALL	654042	4184590	NonCancer	0.00E+00	4.61E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.61E-05	0.00E+00	4.61E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4027	ALL	654064.3	4184601	NonCancer	0.00E+00	4.79E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.79E-05	0.00E+00	4.79E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4028	ALL	654086.7	4184611	NonCancer	0.00E+00	4.85E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
4029	ALL	654109	4184621	NonCancer	0.00E+00	4.80E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.80E-05	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4030	ALL	654131.4	4184631	NonCancer	0.00E+00	4.64E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.64E-05	0.00E+00	4.64E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4031	ALL	654153.7	4184642	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4032	ALL	654176.1	4184652	NonCancer	0.00E+00	4.02E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4033	ALL	654198.4	4184662	NonCancer	0.00E+00	3.61E-05	9.28E-04	0.00E+00	0.00E+00	9.28E-04	3.61E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	9.28E-04
4034	ALL	654220.8	4184672	NonCancer	0.00E+00	3.16E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
4035	ALL	654243.2	4184683	NonCancer	0.00E+00	2.70E-05	7.16E-04	0.00E+00	0.00E+00	7.16E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	7.16E-04
4036	ALL	654265.5	4184693	NonCancer	0.00E+00	2.48E-05	6.50E-04	0.00E+00	0.00E+00	6.50E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	6.50E-04
4037	ALL	654287.9	4184703	NonCancer	0.00E+00	2.23E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
4038	ALL	654310.2	4184714	NonCancer	0.00E+00	2.00E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
4039	ALL	654332.6	4184724	NonCancer	0.00E+00	1.94E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
4040	ALL	654354.9	4184734	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
4041	ALL	654377.3	4184744	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
4042	ALL	654399.6	4184755	NonCancer	0.00E+00	1.79E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
4043	ALL	654422	4184765	NonCancer	0.00E+00	1.81E-05	4.65E-04	0.00E+00	0.00E+00	4.65E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	4.65E-04
4044	ALL	654444.3	4184775	NonCancer	0.00E+00	1.82E-05	4.72E-04	0.00E+00	0.00E+00	4.72E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	4.72E-04
4045	ALL	654466.7	4184785	NonCancer	0.00E+00	1.95E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
4046	ALL	654489	4184796	NonCancer	0.00E+00	2.06E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
4047	ALL	654511.4	4184806	NonCancer	0.00E+00	2.12E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
4048	ALL	654533.8	4184816	NonCancer	0.00E+00	2.12E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
4049	ALL	654556.1	4184826	NonCancer	0.00E+00	2.06E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04

4050	ALL	654578.5	4184837	NonCancer	0.00E+00	2.06E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
4051	ALL	654600.8	4184847	NonCancer	0.00E+00	2.14E-05	5.44E-04	0.00E+00	0.00E+00	5.44E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	5.44E-04
4052	ALL	654623.2	4184857	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
4053	ALL	654645.5	4184868	NonCancer	0.00E+00	2.16E-05	5.48E-04	0.00E+00	0.00E+00	5.48E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	5.48E-04
4054	ALL	654667.9	4184878	NonCancer	0.00E+00	2.11E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
4055	ALL	654690.2	4184888	NonCancer	0.00E+00	2.27E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
4056	ALL	654712.6	4184898	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
4057	ALL	654734.9	4184909	NonCancer	0.00E+00	2.38E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
4058	ALL	654757.3	4184919	NonCancer	0.00E+00	2.32E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
4059	ALL	654779.7	4184929	NonCancer	0.00E+00	2.20E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
4060	ALL	654802	4184939	NonCancer	0.00E+00	2.17E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
4061	ALL	654824.4	4184950	NonCancer	0.00E+00	2.23E-05	5.66E-04	0.00E+00	0.00E+00	5.66E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	5.66E-04
4062	ALL	654846.7	4184960	NonCancer	0.00E+00	2.23E-05	5.73E-04	0.00E+00	0.00E+00	5.73E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	5.73E-04
4063	ALL	654869.1	4184970	NonCancer	0.00E+00	2.34E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
4064	ALL	654891.4	4184980	NonCancer	0.00E+00	2.56E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
4065	ALL	654913.8	4184991	NonCancer	0.00E+00	2.70E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
4066	ALL	654936.1	4185001	NonCancer	0.00E+00	2.74E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
4067	ALL	654958.5	4185011	NonCancer	0.00E+00	2.67E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
4068	ALL	654980.8	4185021	NonCancer	0.00E+00	2.50E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
4069	ALL	655003.2	4185032	NonCancer	0.00E+00	2.25E-05	5.72E-04	0.00E+00	0.00E+00	5.72E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	5.72E-04
4070	ALL	655025.6	4185042	NonCancer	0.00E+00	2.10E-05	5.34E-04	0.00E+00	0.00E+00	5.34E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
4071	ALL	655047.9	4185052	NonCancer	0.00E+00	1.95E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
4072	ALL	655070.3	4185063	NonCancer	0.00E+00	1.89E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
4073	ALL	655092.6	4185073	NonCancer	0.00E+00	2.02E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
4074	ALL	655115	4185083	NonCancer	0.00E+00	2.10E-05	5.35E-04	0.00E+00	0.00E+00	5.35E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	5.35E-04
4075	ALL	655137.3	4185093	NonCancer	0.00E+00	2.13E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
4076	ALL	655159.7	4185104	NonCancer	0.00E+00	2.09E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
4077	ALL	655182	4185114	NonCancer	0.00E+00	2.00E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4078	ALL	655204.4	4185124	NonCancer	0.00E+00	1.86E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4079	ALL	655226.7	4185134	NonCancer	0.00E+00	1.79E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
4080	ALL	655249.1	4185145	NonCancer	0.00E+00	1.72E-05	4.51E-04	0.00E+00	0.00E+00	4.51E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	4.51E-04
4081	ALL	655271.4	4185155	NonCancer	0.00E+00	1.92E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
4082	ALL	655293.8	4185165	NonCancer	0.00E+00	2.08E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
4083	ALL	655316.2	4185175	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
4084	ALL	655338.5	4185186	NonCancer	0.00E+00	2.21E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
4085	ALL	655360.9	4185196	NonCancer	0.00E+00	2.17E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04
4086	ALL	655383.2	4185206	NonCancer	0.00E+00	2.07E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
4087	ALL	655405.6	4185216	NonCancer	0.00E+00	1.93E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
4088	ALL	655427.9	4185227	NonCancer	0.00E+00	1.86E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
4089	ALL	655450.3	4185237	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
4090	ALL	655472.6	4185247	NonCancer	0.00E+00	1.66E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
4091	ALL	655495	4185258	NonCancer	0.00E+00	1.78E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
4092	ALL	655517.3	4185268	NonCancer	0.00E+00	1.85E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
4093	ALL	655539.7	4185278	NonCancer	0.00E+00	1.89E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
4094	ALL	655562.1	4185288	NonCancer	0.00E+00	1.98E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
4095	ALL	655584.4	4185299	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
4096	ALL	655606.8	4185309	NonCancer	0.00E+00	2.04E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
4097	ALL	655629.1	4185319	NonCancer	0.00E+00	1.98E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
4098	ALL	655651.5	4185329	NonCancer	0.00E+00	1.90E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4099	ALL	655673.8	4185340	NonCancer	0.00E+00	1.86E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04

4100	ALL	655696.2	4185350	NonCancer	0.00E+00	1.76E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
4101	ALL	655718.5	4185360	NonCancer	0.00E+00	1.86E-05	4.75E-04	0.00E+00	0.00E+00	4.75E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4102	ALL	655740.9	4185370	NonCancer	0.00E+00	1.93E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
4103	ALL	655763.2	4185381	NonCancer	0.00E+00	1.94E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
4104	ALL	655785.6	4185391	NonCancer	0.00E+00	1.88E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4105	ALL	655808	4185401	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
4106	ALL	655830.3	4185411	NonCancer	0.00E+00	1.61E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
4107	ALL	655852.7	4185422	NonCancer	0.00E+00	1.57E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
4108	ALL	655875	4185432	NonCancer	0.00E+00	1.57E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4109	ALL	655897.4	4185442	NonCancer	0.00E+00	1.67E-05	4.32E-04	0.00E+00	0.00E+00	4.32E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	4.32E-04
4110	ALL	655919.7	4185453	NonCancer	0.00E+00	1.80E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
4111	ALL	655942.1	4185463	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4112	ALL	655964.4	4185473	NonCancer	0.00E+00	1.95E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
4113	ALL	655986.8	4185483	NonCancer	0.00E+00	1.96E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
4114	ALL	656009.1	4185494	NonCancer	0.00E+00	1.98E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
4115	ALL	656031.5	4185504	NonCancer	0.00E+00	2.34E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
4116	ALL	656053.9	4185514	NonCancer	0.00E+00	2.68E-05	6.97E-04	0.00E+00	0.00E+00	6.97E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	6.97E-04
4117	ALL	656076.2	4185524	NonCancer	0.00E+00	2.98E-05	7.64E-04	0.00E+00	0.00E+00	7.64E-04	2.98E-05	0.00E+00	2.98E-05	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	7.64E-04
4118	ALL	656098.6	4185535	NonCancer	0.00E+00	3.21E-05	8.15E-04	0.00E+00	0.00E+00	8.15E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	8.15E-04
4119	ALL	656120.9	4185545	NonCancer	0.00E+00	3.36E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
4120	ALL	656143.3	4185555	NonCancer	0.00E+00	3.41E-05	8.57E-04	0.00E+00	0.00E+00	8.57E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	8.57E-04
4121	ALL	656165.6	4185565	NonCancer	0.00E+00	3.35E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
4122	ALL	656188	4185576	NonCancer	0.00E+00	3.20E-05	8.09E-04	0.00E+00	0.00E+00	8.09E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	8.09E-04
4123	ALL	656210.3	4185586	NonCancer	0.00E+00	2.96E-05	7.55E-04	0.00E+00	0.00E+00	7.55E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	7.55E-04
4124	ALL	656232.7	4185596	NonCancer	0.00E+00	2.67E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
4125	ALL	656255	4185606	NonCancer	0.00E+00	2.33E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
4126	ALL	656277.4	4185617	NonCancer	0.00E+00	1.98E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
4127	ALL	656307.8	4185650	NonCancer	0.00E+00	1.53E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4128	ALL	656315.8	4185674	NonCancer	0.00E+00	1.52E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4129	ALL	656323.9	4185697	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4130	ALL	656331.9	4185720	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
4131	ALL	656339.9	4185743	NonCancer	0.00E+00	1.57E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4132	ALL	656348	4185766	NonCancer	0.00E+00	1.71E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
4133	ALL	656356	4185790	NonCancer	0.00E+00	1.82E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
4134	ALL	656364.1	4185813	NonCancer	0.00E+00	1.89E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
4135	ALL	656372.1	4185836	NonCancer	0.00E+00	1.91E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
4136	ALL	656380.1	4185859	NonCancer	0.00E+00	1.88E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4137	ALL	656388.2	4185883	NonCancer	0.00E+00	1.80E-05	4.58E-04	0.00E+00	0.00E+00	4.58E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
4138	ALL	656396.2	4185906	NonCancer	0.00E+00	1.68E-05	4.31E-04	0.00E+00	0.00E+00	4.31E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	4.31E-04
4139	ALL	656404.3	4185929	NonCancer	0.00E+00	1.67E-05	4.31E-04	0.00E+00	0.00E+00	4.31E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	4.31E-04
4140	ALL	656412.3	4185952	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
4141	ALL	656420.3	4185976	NonCancer	0.00E+00	1.91E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
4142	ALL	656428.4	4185999	NonCancer	0.00E+00	1.96E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
4143	ALL	656436.4	4186022	NonCancer	0.00E+00	1.95E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
4144	ALL	656444.5	4186045	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4145	ALL	656452.5	4186069	NonCancer	0.00E+00	1.83E-05	4.67E-04	0.00E+00	0.00E+00	4.67E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	4.67E-04
4146	ALL	656460.5	4186092	NonCancer	0.00E+00	1.94E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
4147	ALL	656468.6	4186115	NonCancer	0.00E+00	2.01E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4148	ALL	656476.6	4186138	NonCancer	0.00E+00	2.29E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
4149	ALL	656484.7	4186162	NonCancer	0.00E+00	2.62E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04

4150	ALL	656492.7	4186185	NonCancer	0.00E+00	2.89E-05	7.33E-04	0.00E+00	0.00E+00	7.33E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	7.33E-04
4151	ALL	656500.7	4186208	NonCancer	0.00E+00	3.06E-05	7.72E-04	0.00E+00	0.00E+00	7.72E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	7.72E-04
4152	ALL	656508.8	4186231	NonCancer	0.00E+00	3.12E-05	7.86E-04	0.00E+00	0.00E+00	7.86E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	7.86E-04
4153	ALL	656516.8	4186255	NonCancer	0.00E+00	3.07E-05	7.73E-04	0.00E+00	0.00E+00	7.73E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	7.73E-04
4154	ALL	656524.9	4186278	NonCancer	0.00E+00	2.90E-05	7.35E-04	0.00E+00	0.00E+00	7.35E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
4155	ALL	656532.9	4186301	NonCancer	0.00E+00	2.63E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
4156	ALL	656540.9	4186324	NonCancer	0.00E+00	2.30E-05	5.99E-04	0.00E+00	0.00E+00	5.99E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	5.99E-04
4157	ALL	656549	4186348	NonCancer	0.00E+00	2.02E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
4158	ALL	656557	4186371	NonCancer	0.00E+00	1.85E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
4159	ALL	656565.1	4186394	NonCancer	0.00E+00	1.66E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
4160	ALL	656573.1	4186417	NonCancer	0.00E+00	1.55E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
4161	ALL	656581.1	4186441	NonCancer	0.00E+00	1.58E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
4162	ALL	656589.2	4186464	NonCancer	0.00E+00	1.72E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
4163	ALL	656597.2	4186487	NonCancer	0.00E+00	1.88E-05	4.80E-04	0.00E+00	0.00E+00	4.80E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	4.80E-04
4164	ALL	656605.3	4186510	NonCancer	0.00E+00	2.01E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
4165	ALL	656613.3	4186534	NonCancer	0.00E+00	2.10E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
4166	ALL	656621.3	4186557	NonCancer	0.00E+00	2.13E-05	5.35E-04	0.00E+00	0.00E+00	5.35E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	5.35E-04
4167	ALL	656629.4	4186580	NonCancer	0.00E+00	2.10E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4168	ALL	656637.4	4186603	NonCancer	0.00E+00	2.02E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
4169	ALL	656645.5	4186627	NonCancer	0.00E+00	1.89E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
4170	ALL	656653.5	4186650	NonCancer	0.00E+00	1.72E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
4171	ALL	656661.5	4186673	NonCancer	0.00E+00	1.67E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
4172	ALL	656669.6	4186696	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4173	ALL	656677.6	4186720	NonCancer	0.00E+00	1.54E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
4174	ALL	656685.6	4186743	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
4175	ALL	656693.7	4186766	NonCancer	0.00E+00	1.57E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4176	ALL	656701.7	4186789	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4177	ALL	656709.8	4186813	NonCancer	0.00E+00	1.54E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
4178	ALL	656717.8	4186836	NonCancer	0.00E+00	1.58E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
4179	ALL	656725.8	4186859	NonCancer	0.00E+00	1.63E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
4180	ALL	656733.9	4186882	NonCancer	0.00E+00	1.64E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
4181	ALL	656741.9	4186906	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
4182	ALL	656750	4186929	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4183	ALL	656758	4186952	NonCancer	0.00E+00	1.39E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
4184	ALL	656766	4186975	NonCancer	0.00E+00	1.40E-05	3.55E-04	0.00E+00	0.00E+00	3.55E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.55E-04
4185	ALL	656774.1	4186999	NonCancer	0.00E+00	1.38E-05	3.51E-04	0.00E+00	0.00E+00	3.51E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
4186	ALL	656782.1	4187022	NonCancer	0.00E+00	1.43E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
4187	ALL	656790.2	4187045	NonCancer	0.00E+00	1.53E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
4188	ALL	656798.2	4187068	NonCancer	0.00E+00	1.59E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
4189	ALL	656806.2	4187092	NonCancer	0.00E+00	1.60E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
4190	ALL	656814.3	4187115	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4191	ALL	656822.3	4187138	NonCancer	0.00E+00	1.48E-05	3.78E-04	0.00E+00	0.00E+00	3.78E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	3.78E-04
4192	ALL	656830.4	4187161	NonCancer	0.00E+00	1.38E-05	3.55E-04	0.00E+00	0.00E+00	3.55E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	3.55E-04
4193	ALL	656838.4	4187185	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
4194	ALL	656846.4	4187208	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4195	ALL	656854.5	4187231	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4196	ALL	656862.5	4187254	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4197	ALL	656870.6	4187278	NonCancer	0.00E+00	1.56E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
4198	ALL	656878.6	4187301	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
4199	ALL	656886.6	4187324	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04

4200	ALL	656894.7	4187347	NonCancer	0.00E+00	1.58E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4201	ALL	656902.7	4187371	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4202	ALL	656910.8	4187394	NonCancer	0.00E+00	1.50E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
4203	ALL	656918.8	4187417	NonCancer	0.00E+00	1.40E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
4204	ALL	656926.8	4187440	NonCancer	0.00E+00	1.44E-05	3.69E-04	0.00E+00	0.00E+00	3.69E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	3.69E-04
4205	ALL	656934.9	4187464	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
4206	ALL	656942.9	4187487	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4207	ALL	656951	4187510	NonCancer	0.00E+00	1.63E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4208	ALL	656959	4187533	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4209	ALL	656967	4187557	NonCancer	0.00E+00	1.55E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4210	ALL	656975.1	4187580	NonCancer	0.00E+00	1.52E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4211	ALL	656983.1	4187603	NonCancer	0.00E+00	1.57E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4212	ALL	656991.2	4187626	NonCancer	0.00E+00	1.58E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4213	ALL	656999.2	4187649	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
4214	ALL	657007.2	4187673	NonCancer	0.00E+00	1.48E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
4215	ALL	657015.3	4187696	NonCancer	0.00E+00	1.43E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
4216	ALL	657023.3	4187719	NonCancer	0.00E+00	1.68E-05	4.40E-04	0.00E+00	0.00E+00	4.40E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	4.40E-04
4217	ALL	657031.4	4187742	NonCancer	0.00E+00	1.93E-05	4.97E-04	0.00E+00	0.00E+00	4.97E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	4.97E-04
4218	ALL	657039.4	4187766	NonCancer	0.00E+00	2.15E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
4219	ALL	657047.4	4187789	NonCancer	0.00E+00	2.34E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
4220	ALL	657055.5	4187812	NonCancer	0.00E+00	2.54E-05	6.40E-04	0.00E+00	0.00E+00	6.40E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	6.40E-04
4221	ALL	657063.5	4187835	NonCancer	0.00E+00	2.65E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
4222	ALL	657071.5	4187859	NonCancer	0.00E+00	2.65E-05	6.68E-04	0.00E+00	0.00E+00	6.68E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	6.68E-04
4223	ALL	657079.6	4187882	NonCancer	0.00E+00	2.55E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
4224	ALL	657087.6	4187905	NonCancer	0.00E+00	2.36E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
4225	ALL	657095.7	4187928	NonCancer	0.00E+00	2.17E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
4226	ALL	657103.7	4187952	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4227	ALL	657111.7	4187975	NonCancer	0.00E+00	1.71E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
4228	ALL	657119.8	4187998	NonCancer	0.00E+00	1.52E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4229	ALL	657127.8	4188021	NonCancer	0.00E+00	1.51E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4230	ALL	657135.9	4188045	NonCancer	0.00E+00	1.49E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
4231	ALL	657143.9	4188068	NonCancer	0.00E+00	1.51E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
4232	ALL	657151.9	4188091	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4233	ALL	653907.8	4184529	NonCancer	0.00E+00	2.31E-05	6.49E-04	0.00E+00	0.00E+00	6.49E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	6.49E-04
4234	ALL	653883.1	4184528	NonCancer	0.00E+00	2.08E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
4235	ALL	653858.3	4184527	NonCancer	0.00E+00	2.08E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
4236	ALL	653833.5	4184527	NonCancer	0.00E+00	2.03E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
4237	ALL	653808.7	4184526	NonCancer	0.00E+00	2.03E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4238	ALL	653783.9	4184525	NonCancer	0.00E+00	2.04E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
4239	ALL	653943.5	4184039	NonCancer	0.00E+00	2.09E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
4240	ALL	653965.9	4184050	NonCancer	0.00E+00	2.45E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
4241	ALL	653988.2	4184060	NonCancer	0.00E+00	2.83E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.83E-05	0.00E+00	2.83E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
4242	ALL	654010.6	4184070	NonCancer	0.00E+00	3.20E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
4243	ALL	654032.9	4184080	NonCancer	0.00E+00	3.56E-05	9.27E-04	0.00E+00	0.00E+00	9.27E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	9.27E-04
4244	ALL	654055.3	4184091	NonCancer	0.00E+00	3.88E-05	9.98E-04	0.00E+00	0.00E+00	9.98E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	9.98E-04
4245	ALL	654077.6	4184101	NonCancer	0.00E+00	4.14E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.14E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
4246	ALL	654100	4184111	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4247	ALL	654122.3	4184121	NonCancer	0.00E+00	4.45E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.45E-05	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4248	ALL	654144.7	4184132	NonCancer	0.00E+00	4.48E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4249	ALL	654167	4184142	NonCancer	0.00E+00	4.41E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.41E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03

4250	ALL	654189.4	4184152	NonCancer	0.00E+00	4.25E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4251	ALL	654211.7	4184162	NonCancer	0.00E+00	4.01E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.01E-05	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4252	ALL	654234.1	4184173	NonCancer	0.00E+00	3.70E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
4253	ALL	654256.4	4184183	NonCancer	0.00E+00	3.34E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.34E-05	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
4254	ALL	654278.8	4184193	NonCancer	0.00E+00	2.96E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
4255	ALL	654301.1	4184203	NonCancer	0.00E+00	2.56E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
4256	ALL	654323.5	4184214	NonCancer	0.00E+00	2.36E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
4257	ALL	654345.8	4184224	NonCancer	0.00E+00	2.17E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
4258	ALL	654368.2	4184234	NonCancer	0.00E+00	1.95E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4259	ALL	654390.5	4184244	NonCancer	0.00E+00	1.71E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
4260	ALL	654412.9	4184255	NonCancer	0.00E+00	1.61E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4261	ALL	654435.2	4184265	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4262	ALL	654457.6	4184275	NonCancer	0.00E+00	1.49E-05	3.79E-04	0.00E+00	0.00E+00	3.79E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	3.79E-04
4263	ALL	654479.9	4184286	NonCancer	0.00E+00	1.46E-05	3.71E-04	0.00E+00	0.00E+00	3.71E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	3.71E-04
4264	ALL	654502.3	4184296	NonCancer	0.00E+00	1.48E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
4265	ALL	654524.6	4184306	NonCancer	0.00E+00	1.49E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4266	ALL	654547	4184316	NonCancer	0.00E+00	1.50E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4267	ALL	654569.3	4184327	NonCancer	0.00E+00	1.58E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
4268	ALL	654591.7	4184337	NonCancer	0.00E+00	1.68E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
4269	ALL	654614	4184347	NonCancer	0.00E+00	1.74E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
4270	ALL	654636.4	4184357	NonCancer	0.00E+00	1.76E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
4271	ALL	654658.7	4184368	NonCancer	0.00E+00	1.73E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
4272	ALL	654681.1	4184378	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
4273	ALL	654703.4	4184388	NonCancer	0.00E+00	1.70E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
4274	ALL	654725.8	4184398	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
4275	ALL	654748.1	4184409	NonCancer	0.00E+00	1.80E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
4276	ALL	654770.4	4184419	NonCancer	0.00E+00	1.80E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
4277	ALL	654792.8	4184429	NonCancer	0.00E+00	1.81E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
4278	ALL	654815.1	4184439	NonCancer	0.00E+00	1.97E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
4279	ALL	654837.5	4184450	NonCancer	0.00E+00	2.09E-05	5.29E-04	0.00E+00	0.00E+00	5.29E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	5.29E-04
4280	ALL	654859.8	4184460	NonCancer	0.00E+00	2.15E-05	5.42E-04	0.00E+00	0.00E+00	5.42E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	5.42E-04
4281	ALL	654882.2	4184470	NonCancer	0.00E+00	2.15E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
4282	ALL	654904.5	4184480	NonCancer	0.00E+00	2.09E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
4283	ALL	654926.9	4184491	NonCancer	0.00E+00	1.98E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
4284	ALL	654949.2	4184501	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
4285	ALL	654971.6	4184511	NonCancer	0.00E+00	1.83E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
4286	ALL	654993.9	4184522	NonCancer	0.00E+00	1.86E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4287	ALL	655016.3	4184532	NonCancer	0.00E+00	1.91E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
4288	ALL	655038.6	4184542	NonCancer	0.00E+00	2.14E-05	5.52E-04	0.00E+00	0.00E+00	5.52E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	5.52E-04
4289	ALL	655061	4184552	NonCancer	0.00E+00	2.33E-05	5.92E-04	0.00E+00	0.00E+00	5.92E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	5.92E-04
4290	ALL	655083.3	4184563	NonCancer	0.00E+00	2.44E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
4291	ALL	655105.7	4184573	NonCancer	0.00E+00	2.48E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
4292	ALL	655128	4184583	NonCancer	0.00E+00	2.43E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
4293	ALL	655150.4	4184593	NonCancer	0.00E+00	2.31E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
4294	ALL	655172.7	4184604	NonCancer	0.00E+00	2.13E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
4295	ALL	655195.1	4184614	NonCancer	0.00E+00	1.89E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
4296	ALL	655217.4	4184624	NonCancer	0.00E+00	1.71E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
4297	ALL	655239.8	4184634	NonCancer	0.00E+00	1.57E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
4298	ALL	655262.1	4184645	NonCancer	0.00E+00	1.55E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
4299	ALL	655284.5	4184655	NonCancer	0.00E+00	1.65E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04

4300	ALL	655306.8	4184665	NonCancer	0.00E+00	1.72E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
4301	ALL	655329.2	4184675	NonCancer	0.00E+00	1.75E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
4302	ALL	655351.5	4184686	NonCancer	0.00E+00	1.75E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
4303	ALL	655373.9	4184696	NonCancer	0.00E+00	1.70E-05	4.31E-04	0.00E+00	0.00E+00	4.31E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	4.31E-04
4304	ALL	655396.2	4184706	NonCancer	0.00E+00	1.61E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
4305	ALL	655418.6	4184716	NonCancer	0.00E+00	1.53E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
4306	ALL	655440.9	4184727	NonCancer	0.00E+00	1.47E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
4307	ALL	655463.3	4184737	NonCancer	0.00E+00	1.41E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
4308	ALL	655485.6	4184747	NonCancer	0.00E+00	1.52E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4309	ALL	655508	4184758	NonCancer	0.00E+00	1.65E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
4310	ALL	655530.3	4184768	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
4311	ALL	655552.7	4184778	NonCancer	0.00E+00	1.81E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
4312	ALL	655575	4184788	NonCancer	0.00E+00	1.82E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
4313	ALL	655597.4	4184799	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
4314	ALL	655619.7	4184809	NonCancer	0.00E+00	1.70E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
4315	ALL	655642.1	4184819	NonCancer	0.00E+00	1.60E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4316	ALL	655664.4	4184829	NonCancer	0.00E+00	1.55E-05	3.94E-04	0.00E+00	0.00E+00	3.94E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04
4317	ALL	655686.8	4184840	NonCancer	0.00E+00	1.48E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
4318	ALL	655709.1	4184850	NonCancer	0.00E+00	1.39E-05	3.56E-04	0.00E+00	0.00E+00	3.56E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	3.56E-04
4319	ALL	655731.5	4184860	NonCancer	0.00E+00	1.39E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
4320	ALL	655753.8	4184870	NonCancer	0.00E+00	1.47E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
4321	ALL	655776.1	4184881	NonCancer	0.00E+00	1.53E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
4322	ALL	655798.5	4184891	NonCancer	0.00E+00	1.56E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
4323	ALL	655820.8	4184901	NonCancer	0.00E+00	1.61E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
4324	ALL	655843.2	4184911	NonCancer	0.00E+00	1.67E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
4325	ALL	655865.5	4184922	NonCancer	0.00E+00	1.69E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
4326	ALL	655887.9	4184932	NonCancer	0.00E+00	1.66E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
4327	ALL	655910.2	4184942	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
4328	ALL	655932.6	4184952	NonCancer	0.00E+00	1.57E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
4329	ALL	655954.9	4184963	NonCancer	0.00E+00	1.53E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4330	ALL	655977.3	4184973	NonCancer	0.00E+00	1.45E-05	3.73E-04	0.00E+00	0.00E+00	3.73E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	3.73E-04
4331	ALL	655999.6	4184983	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4332	ALL	656022	4184994	NonCancer	0.00E+00	1.58E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
4333	ALL	656044.3	4185004	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
4334	ALL	656066.7	4185014	NonCancer	0.00E+00	1.59E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
4335	ALL	656089	4185024	NonCancer	0.00E+00	1.52E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
4336	ALL	656111.4	4185035	NonCancer	0.00E+00	1.43E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
4337	ALL	656133.7	4185045	NonCancer	0.00E+00	1.30E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4338	ALL	656156.1	4185055	NonCancer	0.00E+00	1.29E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4339	ALL	656178.4	4185065	NonCancer	0.00E+00	1.30E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4340	ALL	656200.8	4185076	NonCancer	0.00E+00	1.32E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
4341	ALL	656223.1	4185086	NonCancer	0.00E+00	1.43E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
4342	ALL	656245.5	4185096	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4343	ALL	656267.8	4185106	NonCancer	0.00E+00	1.58E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
4344	ALL	656290.2	4185117	NonCancer	0.00E+00	1.62E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
4345	ALL	656312.5	4185127	NonCancer	0.00E+00	1.63E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
4346	ALL	656334.9	4185137	NonCancer	0.00E+00	1.68E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
4347	ALL	656357.2	4185147	NonCancer	0.00E+00	1.98E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
4348	ALL	656379.6	4185158	NonCancer	0.00E+00	2.27E-05	5.94E-04	0.00E+00	0.00E+00	5.94E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04
4349	ALL	656401.9	4185168	NonCancer	0.00E+00	2.54E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04

4350	ALL	656424.3	4185178	NonCancer	0.00E+00	2.77E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.77E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
4351	ALL	656446.6	4185188	NonCancer	0.00E+00	2.94E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
4352	ALL	656469	4185199	NonCancer	0.00E+00	3.05E-05	7.68E-04	0.00E+00	0.00E+00	7.68E-04	3.05E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	7.68E-04
4353	ALL	656491.3	4185209	NonCancer	0.00E+00	3.08E-05	7.74E-04	0.00E+00	0.00E+00	7.74E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.74E-04	0.00E+00	0.00E+00	7.74E-04
4354	ALL	656513.7	4185219	NonCancer	0.00E+00	3.03E-05	7.63E-04	0.00E+00	0.00E+00	7.63E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
4355	ALL	656536	4185230	NonCancer	0.00E+00	2.91E-05	7.35E-04	0.00E+00	0.00E+00	7.35E-04	2.91E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	7.35E-04
4356	ALL	656558.4	4185240	NonCancer	0.00E+00	2.73E-05	6.93E-04	0.00E+00	0.00E+00	6.93E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	6.93E-04
4357	ALL	656580.7	4185250	NonCancer	0.00E+00	2.50E-05	6.40E-04	0.00E+00	0.00E+00	6.40E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	6.40E-04
4358	ALL	656603.1	4185260	NonCancer	0.00E+00	2.23E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.23E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
4359	ALL	656625.4	4185271	NonCancer	0.00E+00	1.94E-05	5.13E-04	0.00E+00	0.00E+00	5.13E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	5.13E-04
4360	ALL	656647.8	4185281	NonCancer	0.00E+00	1.66E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
4361	ALL	656678.1	4185314	NonCancer	0.00E+00	1.27E-05	3.45E-04	0.00E+00	0.00E+00	3.45E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
4362	ALL	656686.2	4185338	NonCancer	0.00E+00	1.25E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4363	ALL	656694.2	4185361	NonCancer	0.00E+00	1.29E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4364	ALL	656702.3	4185384	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4365	ALL	656710.3	4185407	NonCancer	0.00E+00	1.30E-05	3.32E-04	0.00E+00	0.00E+00	3.32E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04
4366	ALL	656718.3	4185431	NonCancer	0.00E+00	1.32E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
4367	ALL	656726.4	4185454	NonCancer	0.00E+00	1.42E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
4368	ALL	656734.4	4185477	NonCancer	0.00E+00	1.50E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4369	ALL	656742.4	4185500	NonCancer	0.00E+00	1.56E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
4370	ALL	656750.5	4185524	NonCancer	0.00E+00	1.58E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
4371	ALL	656758.5	4185547	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4372	ALL	656766.6	4185570	NonCancer	0.00E+00	1.51E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
4373	ALL	656774.6	4185593	NonCancer	0.00E+00	1.44E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
4374	ALL	656782.6	4185616	NonCancer	0.00E+00	1.36E-05	3.49E-04	0.00E+00	0.00E+00	3.49E-04	1.36E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	3.49E-04
4375	ALL	656790.7	4185640	NonCancer	0.00E+00	1.40E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
4376	ALL	656798.7	4185663	NonCancer	0.00E+00	1.49E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
4377	ALL	656806.7	4185686	NonCancer	0.00E+00	1.57E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
4378	ALL	656814.8	4185709	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
4379	ALL	656822.8	4185733	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
4380	ALL	656830.9	4185756	NonCancer	0.00E+00	1.59E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
4381	ALL	656838.9	4185779	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4382	ALL	656846.9	4185802	NonCancer	0.00E+00	1.54E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
4383	ALL	656855	4185826	NonCancer	0.00E+00	1.62E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
4384	ALL	656863	4185849	NonCancer	0.00E+00	1.68E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
4385	ALL	656871	4185872	NonCancer	0.00E+00	1.97E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
4386	ALL	656879.1	4185895	NonCancer	0.00E+00	2.26E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
4387	ALL	656887.1	4185919	NonCancer	0.00E+00	2.50E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
4388	ALL	656895.2	4185942	NonCancer	0.00E+00	2.69E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
4389	ALL	656903.2	4185965	NonCancer	0.00E+00	2.80E-05	7.05E-04	0.00E+00	0.00E+00	7.05E-04	2.80E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	7.05E-04
4390	ALL	656911.2	4185988	NonCancer	0.00E+00	2.82E-05	7.10E-04	0.00E+00	0.00E+00	7.10E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	7.10E-04
4391	ALL	656919.3	4186012	NonCancer	0.00E+00	2.75E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.75E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
4392	ALL	656927.3	4186035	NonCancer	0.00E+00	2.60E-05	6.59E-04	0.00E+00	0.00E+00	6.59E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
4393	ALL	656935.3	4186058	NonCancer	0.00E+00	2.37E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
4394	ALL	656943.4	4186081	NonCancer	0.00E+00	2.10E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
4395	ALL	656951.4	4186105	NonCancer	0.00E+00	1.79E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4396	ALL	656959.5	4186128	NonCancer	0.00E+00	1.59E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
4397	ALL	656967.5	4186151	NonCancer	0.00E+00	1.45E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
4398	ALL	656975.5	4186174	NonCancer	0.00E+00	1.29E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
4399	ALL	656983.6	4186198	NonCancer	0.00E+00	1.28E-05	3.32E-04	0.00E+00	0.00E+00	3.32E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	3.32E-04

4400	ALL	656991.6	4186221	NonCancer	0.00E+00	1.34E-05	3.50E-04	0.00E+00	0.00E+00	3.50E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	3.50E-04
4401	ALL	656999.6	4186244	NonCancer	0.00E+00	1.50E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4402	ALL	657007.7	4186267	NonCancer	0.00E+00	1.65E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
4403	ALL	657015.7	4186290	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
4404	ALL	657023.8	4186314	NonCancer	0.00E+00	1.86E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
4405	ALL	657031.8	4186337	NonCancer	0.00E+00	1.91E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4406	ALL	657039.8	4186360	NonCancer	0.00E+00	1.92E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
4407	ALL	657047.9	4186383	NonCancer	0.00E+00	1.89E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
4408	ALL	657055.9	4186407	NonCancer	0.00E+00	1.82E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
4409	ALL	657063.9	4186430	NonCancer	0.00E+00	1.71E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
4410	ALL	657072	4186453	NonCancer	0.00E+00	1.57E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
4411	ALL	657080	4186476	NonCancer	0.00E+00	1.42E-05	3.70E-04	0.00E+00	0.00E+00	3.70E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	3.70E-04
4412	ALL	657088.1	4186500	NonCancer	0.00E+00	1.37E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
4413	ALL	657096.1	4186523	NonCancer	0.00E+00	1.32E-05	3.38E-04	0.00E+00	0.00E+00	3.38E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	3.38E-04
4414	ALL	657104.1	4186546	NonCancer	0.00E+00	1.24E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4415	ALL	657112.2	4186569	NonCancer	0.00E+00	1.28E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4416	ALL	657120.2	4186593	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4417	ALL	657128.2	4186616	NonCancer	0.00E+00	1.29E-05	3.27E-04	0.00E+00	0.00E+00	3.27E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	3.27E-04
4418	ALL	657136.3	4186639	NonCancer	0.00E+00	1.27E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
4419	ALL	657144.3	4186662	NonCancer	0.00E+00	1.28E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4420	ALL	657152.4	4186686	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
4421	ALL	657160.4	4186709	NonCancer	0.00E+00	1.35E-05	3.43E-04	0.00E+00	0.00E+00	3.43E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	3.43E-04
4422	ALL	657168.4	4186732	NonCancer	0.00E+00	1.35E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.35E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
4423	ALL	657176.5	4186755	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4424	ALL	657184.5	4186779	NonCancer	0.00E+00	1.25E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4425	ALL	657192.6	4186802	NonCancer	0.00E+00	1.15E-05	2.98E-04	0.00E+00	0.00E+00	2.98E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	2.98E-04
4426	ALL	657200.6	4186825	NonCancer	0.00E+00	1.15E-05	2.93E-04	0.00E+00	0.00E+00	2.93E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04
4427	ALL	657208.6	4186848	NonCancer	0.00E+00	1.15E-05	2.90E-04	0.00E+00	0.00E+00	2.90E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	2.90E-04
4428	ALL	657216.7	4186872	NonCancer	0.00E+00	1.15E-05	2.93E-04	0.00E+00	0.00E+00	2.93E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04
4429	ALL	657224.7	4186895	NonCancer	0.00E+00	1.21E-05	3.08E-04	0.00E+00	0.00E+00	3.08E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	3.08E-04
4430	ALL	657232.7	4186918	NonCancer	0.00E+00	1.28E-05	3.24E-04	0.00E+00	0.00E+00	3.24E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	3.24E-04
4431	ALL	657240.8	4186941	NonCancer	0.00E+00	1.31E-05	3.33E-04	0.00E+00	0.00E+00	3.33E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	3.33E-04
4432	ALL	657248.8	4186964	NonCancer	0.00E+00	1.32E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
4433	ALL	657256.9	4186988	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4434	ALL	657264.9	4187011	NonCancer	0.00E+00	1.24E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4435	ALL	657272.9	4187034	NonCancer	0.00E+00	1.15E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
4436	ALL	657281	4187057	NonCancer	0.00E+00	1.15E-05	2.95E-04	0.00E+00	0.00E+00	2.95E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	2.95E-04
4437	ALL	657289	4187081	NonCancer	0.00E+00	1.23E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
4438	ALL	657297	4187104	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4439	ALL	657305.1	4187127	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
4440	ALL	657313.1	4187150	NonCancer	0.00E+00	1.33E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
4441	ALL	657321.2	4187174	NonCancer	0.00E+00	1.30E-05	3.29E-04	0.00E+00	0.00E+00	3.29E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
4442	ALL	657329.2	4187197	NonCancer	0.00E+00	1.23E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4443	ALL	657337.2	4187220	NonCancer	0.00E+00	1.26E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
4444	ALL	657345.3	4187243	NonCancer	0.00E+00	1.30E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
4445	ALL	657353.3	4187267	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4446	ALL	657361.3	4187290	NonCancer	0.00E+00	1.28E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4447	ALL	657369.4	4187313	NonCancer	0.00E+00	1.23E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
4448	ALL	657377.4	4187336	NonCancer	0.00E+00	1.15E-05	2.95E-04	0.00E+00	0.00E+00	2.95E-04	1.15E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	2.95E-04
4449	ALL	657385.5	4187360	NonCancer	0.00E+00	1.16E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04

4450	ALL	657393.5	4187383	NonCancer	0.00E+00	1.24E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4451	ALL	657401.5	4187406	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4452	ALL	657409.6	4187429	NonCancer	0.00E+00	1.34E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
4453	ALL	657417.6	4187453	NonCancer	0.00E+00	1.34E-05	3.40E-04	0.00E+00	0.00E+00	3.40E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	3.40E-04
4454	ALL	657425.6	4187476	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
4455	ALL	657433.7	4187499	NonCancer	0.00E+00	1.27E-05	3.24E-04	0.00E+00	0.00E+00	3.24E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	3.24E-04
4456	ALL	657441.7	4187522	NonCancer	0.00E+00	1.24E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
4457	ALL	657449.8	4187546	NonCancer	0.00E+00	1.29E-05	3.25E-04	0.00E+00	0.00E+00	3.25E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.25E-04
4458	ALL	657457.8	4187569	NonCancer	0.00E+00	1.30E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.30E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4459	ALL	657465.8	4187592	NonCancer	0.00E+00	1.29E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
4460	ALL	657473.9	4187615	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
4461	ALL	657481.9	4187638	NonCancer	0.00E+00	1.21E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4462	ALL	657489.9	4187662	NonCancer	0.00E+00	1.27E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
4463	ALL	657498	4187685	NonCancer	0.00E+00	1.47E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04
4464	ALL	657506	4187708	NonCancer	0.00E+00	1.68E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
4465	ALL	657514.1	4187731	NonCancer	0.00E+00	1.87E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
4466	ALL	657522.1	4187755	NonCancer	0.00E+00	2.04E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
4467	ALL	657530.1	4187778	NonCancer	0.00E+00	2.20E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
4468	ALL	657538.2	4187801	NonCancer	0.00E+00	2.34E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
4469	ALL	657546.2	4187824	NonCancer	0.00E+00	2.41E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
4470	ALL	657554.2	4187848	NonCancer	0.00E+00	2.39E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
4471	ALL	657562.3	4187871	NonCancer	0.00E+00	2.29E-05	5.81E-04	0.00E+00	0.00E+00	5.81E-04	2.29E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	5.81E-04
4472	ALL	657570.3	4187894	NonCancer	0.00E+00	2.13E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
4473	ALL	657578.4	4187917	NonCancer	0.00E+00	1.97E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
4474	ALL	657586.4	4187941	NonCancer	0.00E+00	1.79E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
4475	ALL	657594.4	4187964	NonCancer	0.00E+00	1.60E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
4476	ALL	657602.5	4187987	NonCancer	0.00E+00	1.40E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
4477	ALL	657610.5	4188010	NonCancer	0.00E+00	1.26E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
4478	ALL	657618.5	4188034	NonCancer	0.00E+00	1.25E-05	3.30E-04	0.00E+00	0.00E+00	3.30E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	3.30E-04
4479	ALL	657626.6	4188057	NonCancer	0.00E+00	1.23E-05	3.21E-04	0.00E+00	0.00E+00	3.21E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
4480	ALL	657634.6	4188080	NonCancer	0.00E+00	1.25E-05	3.18E-04	0.00E+00	0.00E+00	3.18E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4481	ALL	657642.7	4188103	NonCancer	0.00E+00	1.25E-05	3.16E-04	0.00E+00	0.00E+00	3.16E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
4482	ALL	657650.7	4188127	NonCancer	0.00E+00	1.24E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
4483	ALL	653921.2	4184029	NonCancer	0.00E+00	1.76E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
4484	ALL	653896.4	4184028	NonCancer	0.00E+00	1.73E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
4485	ALL	653871.6	4184028	NonCancer	0.00E+00	1.72E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
4486	ALL	653846.9	4184027	NonCancer	0.00E+00	1.67E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
4487	ALL	653822.1	4184026	NonCancer	0.00E+00	1.67E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
4488	ALL	653797.3	4184026	NonCancer	0.00E+00	1.66E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
4489	ALL	653669.5	4187873	NonCancer	0.00E+00	1.58E-03	4.06E-02	0.00E+00	0.00E+00	4.06E-02	1.58E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	4.06E-02	0.00E+00	0.00E+00	4.06E-02
4490	ALL	653667.7	4187915	NonCancer	0.00E+00	2.41E-03	6.22E-02	0.00E+00	0.00E+00	6.22E-02	2.41E-03	0.00E+00	2.41E-03	0.00E+00	0.00E+00	6.22E-02	0.00E+00	0.00E+00	6.22E-02
4491	ALL	653665.9	4187957	NonCancer	0.00E+00	3.77E-03	9.55E-02	0.00E+00	0.00E+00	9.55E-02	3.77E-03	0.00E+00	3.77E-03	0.00E+00	0.00E+00	9.55E-02	0.00E+00	0.00E+00	9.55E-02
4492	ALL	653652.5	4187855	NonCancer	0.00E+00	1.29E-03	3.32E-02	0.00E+00	0.00E+00	3.32E-02	1.29E-03	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.32E-02	0.00E+00	0.00E+00	3.32E-02
4493	ALL	653643.6	4187893	NonCancer	0.00E+00	1.67E-03	4.31E-02	0.00E+00	0.00E+00	4.31E-02	1.67E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	4.31E-02
4494	ALL	653641.8	4187935	NonCancer	0.00E+00	2.40E-03	6.12E-02	0.00E+00	0.00E+00	6.12E-02	2.40E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	6.12E-02	0.00E+00	0.00E+00	6.12E-02
4495	ALL	653640	4187977	NonCancer	0.00E+00	2.62E-03	6.77E-02	0.00E+00	0.00E+00	6.77E-02	2.62E-03	0.00E+00	2.62E-03	0.00E+00	0.00E+00	6.77E-02	0.00E+00	0.00E+00	6.77E-02
4496	ALL	653627.5	4187854	NonCancer	0.00E+00	1.16E-03	2.98E-02	0.00E+00	0.00E+00	2.98E-02	1.16E-03	0.00E+00	1.16E-03	0.00E+00	0.00E+00	2.98E-02	0.00E+00	0.00E+00	2.98E-02
4497	ALL	653661.1	4187813	NonCancer	0.00E+00	9.82E-04	2.53E-02	0.00E+00	0.00E+00	2.53E-02	9.82E-04	0.00E+00	9.82E-04	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	2.53E-02
4498	ALL	653618.6	4187892	NonCancer	0.00E+00	1.42E-03	3.67E-02	0.00E+00	0.00E+00	3.67E-02	1.42E-03	0.00E+00	1.42E-03	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	3.67E-02
4499	ALL	653616.8	4187934	NonCancer	0.00E+00	1.85E-03	4.75E-02	0.00E+00	0.00E+00	4.75E-02	1.85E-03	0.00E+00	1.85E-03	0.00E+00	0.00E+00	4.75E-02	0.00E+00	0.00E+00	4.75E-02

4500	ALL	653615	4187975	NonCancer	0.00E+00	1.97E-03	5.09E-02	0.00E+00	0.00E+00	5.09E-02	1.97E-03	0.00E+00	1.97E-03	0.00E+00	0.00E+00	5.09E-02	0.00E+00	0.00E+00	5.09E-02
4501	ALL	653602.5	4187853	NonCancer	0.00E+00	1.03E-03	2.64E-02	0.00E+00	0.00E+00	2.64E-02	1.03E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	2.64E-02
4502	ALL	653618.4	4187818	NonCancer	0.00E+00	8.80E-04	2.27E-02	0.00E+00	0.00E+00	2.27E-02	8.80E-04	0.00E+00	8.80E-04	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	2.27E-02
4503	ALL	653644	4187794	NonCancer	0.00E+00	8.30E-04	2.13E-02	0.00E+00	0.00E+00	2.13E-02	8.30E-04	0.00E+00	8.30E-04	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	2.13E-02
4504	ALL	653593.7	4187891	NonCancer	0.00E+00	1.26E-03	3.23E-02	0.00E+00	0.00E+00	3.23E-02	1.26E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.23E-02	0.00E+00	0.00E+00	3.23E-02
4505	ALL	653591.8	4187933	NonCancer	0.00E+00	1.47E-03	3.80E-02	0.00E+00	0.00E+00	3.80E-02	1.47E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.80E-02	0.00E+00	0.00E+00	3.80E-02
4506	ALL	653590	4187974	NonCancer	0.00E+00	1.54E-03	3.98E-02	0.00E+00	0.00E+00	3.98E-02	1.54E-03	0.00E+00	1.54E-03	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	3.98E-02
4507	ALL	653552.5	4187851	NonCancer	0.00E+00	8.04E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	8.04E-04	0.00E+00	8.04E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
4508	ALL	653568.4	4187816	NonCancer	0.00E+00	7.48E-04	1.91E-02	0.00E+00	0.00E+00	1.91E-02	7.48E-04	0.00E+00	7.48E-04	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.91E-02
4509	ALL	653584.3	4187782	NonCancer	0.00E+00	6.72E-04	1.72E-02	0.00E+00	0.00E+00	1.72E-02	6.72E-04	0.00E+00	6.72E-04	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.72E-02
4510	ALL	653609.9	4187758	NonCancer	0.00E+00	6.48E-04	1.66E-02	0.00E+00	0.00E+00	1.66E-02	6.48E-04	0.00E+00	6.48E-04	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.66E-02
4511	ALL	653645.3	4187744	NonCancer	0.00E+00	6.68E-04	1.70E-02	0.00E+00	0.00E+00	1.70E-02	6.68E-04	0.00E+00	6.68E-04	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.70E-02
4512	ALL	653543.7	4187889	NonCancer	0.00E+00	9.17E-04	2.36E-02	0.00E+00	0.00E+00	2.36E-02	9.17E-04	0.00E+00	9.17E-04	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	2.36E-02
4513	ALL	653541.9	4187930	NonCancer	0.00E+00	9.99E-04	2.58E-02	0.00E+00	0.00E+00	2.58E-02	9.99E-04	0.00E+00	9.99E-04	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.58E-02
4514	ALL	653540.1	4187972	NonCancer	0.00E+00	1.04E-03	2.69E-02	0.00E+00	0.00E+00	2.69E-02	1.04E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	2.69E-02
4515	ALL	653502.6	4187848	NonCancer	0.00E+00	6.66E-04	1.69E-02	0.00E+00	0.00E+00	1.69E-02	6.66E-04	0.00E+00	6.66E-04	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.69E-02
4516	ALL	653518.5	4187814	NonCancer	0.00E+00	6.07E-04	1.56E-02	0.00E+00	0.00E+00	1.56E-02	6.07E-04	0.00E+00	6.07E-04	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	1.56E-02
4517	ALL	653534.3	4187780	NonCancer	0.00E+00	5.78E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.78E-04	0.00E+00	5.78E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
4518	ALL	653550.2	4187745	NonCancer	0.00E+00	5.30E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.30E-04	0.00E+00	5.30E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
4519	ALL	653575.8	4187721	NonCancer	0.00E+00	5.12E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.12E-04	0.00E+00	5.12E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
4520	ALL	653611.2	4187708	NonCancer	0.00E+00	5.21E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.21E-04	0.00E+00	5.21E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02
4521	ALL	653646.7	4187694	NonCancer	0.00E+00	5.14E-04	1.31E-02	0.00E+00	0.00E+00	1.31E-02	5.14E-04	0.00E+00	5.14E-04	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.31E-02
4522	ALL	653493.8	4187886	NonCancer	0.00E+00	7.00E-04	1.80E-02	0.00E+00	0.00E+00	1.80E-02	7.00E-04	0.00E+00	7.00E-04	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.80E-02
4523	ALL	653491.9	4187928	NonCancer	0.00E+00	7.47E-04	1.92E-02	0.00E+00	0.00E+00	1.92E-02	7.47E-04	0.00E+00	7.47E-04	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.92E-02
4524	ALL	653490.1	4187970	NonCancer	0.00E+00	7.53E-04	1.94E-02	0.00E+00	0.00E+00	1.94E-02	7.53E-04	0.00E+00	7.53E-04	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.94E-02
4525	ALL	653452.6	4187846	NonCancer	0.00E+00	5.47E-04	1.40E-02	0.00E+00	0.00E+00	1.40E-02	5.47E-04	0.00E+00	5.47E-04	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.40E-02
4526	ALL	653468.5	4187812	NonCancer	0.00E+00	5.39E-04	1.37E-02	0.00E+00	0.00E+00	1.37E-02	5.39E-04	0.00E+00	5.39E-04	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.37E-02
4527	ALL	653484.4	4187777	NonCancer	0.00E+00	4.90E-04	1.25E-02	0.00E+00	0.00E+00	1.25E-02	4.90E-04	0.00E+00	4.90E-04	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	1.25E-02
4528	ALL	653500.2	4187743	NonCancer	0.00E+00	4.64E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
4529	ALL	653516.1	4187709	NonCancer	0.00E+00	4.29E-04	1.10E-02	0.00E+00	0.00E+00	1.10E-02	4.29E-04	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	1.10E-02
4530	ALL	653541.7	4187685	NonCancer	0.00E+00	4.25E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.25E-04	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
4531	ALL	653577.2	4187671	NonCancer	0.00E+00	4.26E-04	1.09E-02	0.00E+00	0.00E+00	1.09E-02	4.26E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.09E-02
4532	ALL	653612.6	4187658	NonCancer	0.00E+00	4.45E-04	1.13E-02	0.00E+00	0.00E+00	1.13E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.13E-02
4533	ALL	653648	4187645	NonCancer	0.00E+00	4.29E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.29E-04	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
4534	ALL	653443.8	4187884	NonCancer	0.00E+00	5.60E-04	1.44E-02	0.00E+00	0.00E+00	1.44E-02	5.60E-04	0.00E+00	5.60E-04	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.44E-02
4535	ALL	653442	4187926	NonCancer	0.00E+00	5.73E-04	1.48E-02	0.00E+00	0.00E+00	1.48E-02	5.73E-04	0.00E+00	5.73E-04	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.48E-02
4536	ALL	653440.2	4187968	NonCancer	0.00E+00	5.95E-04	1.53E-02	0.00E+00	0.00E+00	1.53E-02	5.95E-04	0.00E+00	5.95E-04	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.53E-02
4537	ALL	653403.4	4187842	NonCancer	0.00E+00	4.61E-04	1.18E-02	0.00E+00	0.00E+00	1.18E-02	4.61E-04	0.00E+00	4.61E-04	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.18E-02
4538	ALL	653420.7	4187805	NonCancer	0.00E+00	4.39E-04	1.12E-02	0.00E+00	0.00E+00	1.12E-02	4.39E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.12E-02
4539	ALL	653438	4187767	NonCancer	0.00E+00	4.09E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.09E-04	0.00E+00	4.09E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
4540	ALL	653455.3	4187730	NonCancer	0.00E+00	3.97E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	3.97E-04	0.00E+00	3.97E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
4541	ALL	653472.6	4187692	NonCancer	0.00E+00	3.74E-04	9.49E-03	0.00E+00	0.00E+00	9.49E-03	3.74E-04	0.00E+00	3.74E-04	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.49E-03
4542	ALL	653509.2	4187648	NonCancer	0.00E+00	3.57E-04	9.08E-03	0.00E+00	0.00E+00	9.08E-03	3.57E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	9.08E-03
4543	ALL	653547.9	4187633	NonCancer	0.00E+00	3.60E-04	9.25E-03	0.00E+00	0.00E+00	9.25E-03	3.60E-04	0.00E+00	3.60E-04	0.00E+00	0.00E+00	9.25E-03	0.00E+00	0.00E+00	9.25E-03
4544	ALL	653586.5	4187618	NonCancer	0.00E+00	3.75E-04	9.49E-03	0.00E+00	0.00E+00	9.49E-03	3.75E-04	0.00E+00	3.75E-04	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	9.49E-03
4545	ALL	653625.2	4187604	NonCancer	0.00E+00	3.63E-04	9.23E-03	0.00E+00	0.00E+00	9.23E-03	3.63E-04	0.00E+00	3.63E-04	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	9.23E-03
4546	ALL	653663.8	4187589	NonCancer	0.00E+00	3.58E-04	9.16E-03	0.00E+00	0.00E+00	9.16E-03	3.58E-04	0.00E+00	3.58E-04	0.00E+00	0.00E+00	9.16E-03	0.00E+00	0.00E+00	9.16E-03
4547	ALL	653393.8	4187882	NonCancer	0.00E+00	4.55E-04	1.17E-02	0.00E+00	0.00E+00	1.17E-02	4.55E-04	0.00E+00	4.55E-04	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	1.17E-02
4548	ALL	653392	4187924	NonCancer	0.00E+00	4.64E-04	1.19E-02	0.00E+00	0.00E+00	1.19E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.19E-02
4549	ALL	653390.2	4187966	NonCancer	0.00E+00	4.84E-04	1.24E-02	0.00E+00	0.00E+00	1.24E-02	4.84E-04	0.00E+00	4.84E-04	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.24E-02

4550	ALL	653353.3	4187841	NonCancer	0.00E+00	3.74E-04	9.58E-03	0.00E+00	0.00E+00	9.58E-03	3.74E-04	0.00E+00	3.74E-04	0.00E+00	0.00E+00	9.58E-03	0.00E+00	0.00E+00	9.58E-03
4551	ALL	653370.4	4187804	NonCancer	0.00E+00	3.83E-04	9.80E-03	0.00E+00	0.00E+00	9.80E-03	3.83E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	9.80E-03
4552	ALL	653387.5	4187766	NonCancer	0.00E+00	3.78E-04	9.54E-03	0.00E+00	0.00E+00	9.54E-03	3.78E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	9.54E-03	0.00E+00	0.00E+00	9.54E-03
4553	ALL	653404.6	4187729	NonCancer	0.00E+00	3.45E-04	8.83E-03	0.00E+00	0.00E+00	8.83E-03	3.45E-04	0.00E+00	3.45E-04	0.00E+00	0.00E+00	8.83E-03	0.00E+00	0.00E+00	8.83E-03
4554	ALL	653421.7	4187692	NonCancer	0.00E+00	3.34E-04	8.51E-03	0.00E+00	0.00E+00	8.51E-03	3.34E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	8.51E-03
4555	ALL	653438.8	4187655	NonCancer	0.00E+00	3.17E-04	8.05E-03	0.00E+00	0.00E+00	8.05E-03	3.17E-04	0.00E+00	3.17E-04	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	8.05E-03
4556	ALL	653474.9	4187611	NonCancer	0.00E+00	3.05E-04	7.78E-03	0.00E+00	0.00E+00	7.78E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	7.78E-03
4557	ALL	653513.1	4187597	NonCancer	0.00E+00	3.09E-04	7.86E-03	0.00E+00	0.00E+00	7.86E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	7.86E-03
4558	ALL	653551.2	4187582	NonCancer	0.00E+00	3.13E-04	8.00E-03	0.00E+00	0.00E+00	8.00E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	8.00E-03
4559	ALL	653589.4	4187568	NonCancer	0.00E+00	3.05E-04	7.79E-03	0.00E+00	0.00E+00	7.79E-03	3.05E-04	0.00E+00	3.05E-04	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	7.79E-03
4560	ALL	653627.5	4187553	NonCancer	0.00E+00	3.13E-04	8.03E-03	0.00E+00	0.00E+00	8.03E-03	3.13E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	8.03E-03	0.00E+00	0.00E+00	8.03E-03
4561	ALL	653665.7	4187539	NonCancer	0.00E+00	3.21E-04	8.12E-03	0.00E+00	0.00E+00	8.12E-03	3.21E-04	0.00E+00	3.21E-04	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	8.12E-03
4562	ALL	653343.9	4187880	NonCancer	0.00E+00	3.84E-04	9.81E-03	0.00E+00	0.00E+00	9.81E-03	3.84E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	9.81E-03	0.00E+00	0.00E+00	9.81E-03
4563	ALL	653342.1	4187922	NonCancer	0.00E+00	3.90E-04	1.00E-02	0.00E+00	0.00E+00	1.00E-02	3.90E-04	0.00E+00	3.90E-04	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.00E-02
4564	ALL	653340.3	4187963	NonCancer	0.00E+00	4.02E-04	1.03E-02	0.00E+00	0.00E+00	1.03E-02	4.02E-04	0.00E+00	4.02E-04	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	1.03E-02
4565	ALL	653253.3	4187837	NonCancer	0.00E+00	2.83E-04	7.23E-03	0.00E+00	0.00E+00	7.23E-03	2.83E-04	0.00E+00	2.83E-04	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	7.23E-03
4566	ALL	653270.1	4187800	NonCancer	0.00E+00	2.92E-04	7.43E-03	0.00E+00	0.00E+00	7.43E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	7.43E-03
4567	ALL	653286.9	4187764	NonCancer	0.00E+00	2.88E-04	7.36E-03	0.00E+00	0.00E+00	7.36E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	7.36E-03
4568	ALL	653303.7	4187727	NonCancer	0.00E+00	2.80E-04	7.09E-03	0.00E+00	0.00E+00	7.09E-03	2.80E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	7.09E-03	0.00E+00	0.00E+00	7.09E-03
4569	ALL	653320.5	4187691	NonCancer	0.00E+00	2.60E-04	6.66E-03	0.00E+00	0.00E+00	6.66E-03	2.60E-04	0.00E+00	2.60E-04	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	6.66E-03
4570	ALL	653337.3	4187654	NonCancer	0.00E+00	2.53E-04	6.47E-03	0.00E+00	0.00E+00	6.47E-03	2.53E-04	0.00E+00	2.53E-04	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	6.47E-03
4571	ALL	653354.1	4187618	NonCancer	0.00E+00	2.49E-04	6.34E-03	0.00E+00	0.00E+00	6.34E-03	2.49E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	6.34E-03
4572	ALL	653370.9	4187582	NonCancer	0.00E+00	2.38E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
4573	ALL	653406.4	4187538	NonCancer	0.00E+00	2.23E-04	5.73E-03	0.00E+00	0.00E+00	5.73E-03	2.23E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	5.73E-03
4574	ALL	653443.9	4187524	NonCancer	0.00E+00	2.37E-04	6.02E-03	0.00E+00	0.00E+00	6.02E-03	2.37E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	6.02E-03
4575	ALL	653481.4	4187510	NonCancer	0.00E+00	2.36E-04	6.05E-03	0.00E+00	0.00E+00	6.05E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	6.05E-03
4576	ALL	653518.9	4187495	NonCancer	0.00E+00	2.50E-04	6.34E-03	0.00E+00	0.00E+00	6.34E-03	2.50E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	6.34E-03
4577	ALL	653556.4	4187481	NonCancer	0.00E+00	2.34E-04	5.98E-03	0.00E+00	0.00E+00	5.98E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	5.98E-03
4578	ALL	653594	4187467	NonCancer	0.00E+00	2.38E-04	6.07E-03	0.00E+00	0.00E+00	6.07E-03	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	6.07E-03
4579	ALL	653631.5	4187453	NonCancer	0.00E+00	2.40E-04	6.20E-03	0.00E+00	0.00E+00	6.20E-03	2.40E-04	0.00E+00	2.40E-04	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	6.20E-03
4580	ALL	653669	4187439	NonCancer	0.00E+00	2.48E-04	6.23E-03	0.00E+00	0.00E+00	6.23E-03	2.48E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	6.23E-03
4581	ALL	653244	4187876	NonCancer	0.00E+00	2.74E-04	7.03E-03	0.00E+00	0.00E+00	7.03E-03	2.74E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	7.03E-03
4582	ALL	653242.2	4187917	NonCancer	0.00E+00	2.84E-04	7.28E-03	0.00E+00	0.00E+00	7.28E-03	2.84E-04	0.00E+00	2.84E-04	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	7.28E-03
4583	ALL	653240.4	4187959	NonCancer	0.00E+00	2.92E-04	7.46E-03	0.00E+00	0.00E+00	7.46E-03	2.92E-04	0.00E+00	2.92E-04	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	7.46E-03
4584	ALL	653153.7	4187831	NonCancer	0.00E+00	2.18E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.18E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
4585	ALL	653171.2	4187794	NonCancer	0.00E+00	2.27E-04	5.82E-03	0.00E+00	0.00E+00	5.82E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	5.82E-03
4586	ALL	653188.6	4187756	NonCancer	0.00E+00	2.27E-04	5.80E-03	0.00E+00	0.00E+00	5.80E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	5.80E-03
4587	ALL	653206.1	4187718	NonCancer	0.00E+00	2.27E-04	5.78E-03	0.00E+00	0.00E+00	5.78E-03	2.27E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.78E-03
4588	ALL	653223.5	4187680	NonCancer	0.00E+00	2.20E-04	5.58E-03	0.00E+00	0.00E+00	5.58E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	5.58E-03
4589	ALL	653241	4187642	NonCancer	0.00E+00	2.05E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
4590	ALL	653258.4	4187604	NonCancer	0.00E+00	2.06E-04	5.23E-03	0.00E+00	0.00E+00	5.23E-03	2.06E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	5.23E-03
4591	ALL	653275.8	4187567	NonCancer	0.00E+00	2.00E-04	5.10E-03	0.00E+00	0.00E+00	5.10E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.10E-03
4592	ALL	653293.3	4187529	NonCancer	0.00E+00	1.93E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
4593	ALL	653310.7	4187491	NonCancer	0.00E+00	1.87E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
4594	ALL	653339	4187465	NonCancer	0.00E+00	1.76E-04	4.53E-03	0.00E+00	0.00E+00	4.53E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	4.53E-03
4595	ALL	653377.9	4187450	NonCancer	0.00E+00	1.90E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.90E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
4596	ALL	653416.9	4187435	NonCancer	0.00E+00	1.91E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.91E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
4597	ALL	653455.9	4187420	NonCancer	0.00E+00	1.89E-04	4.86E-03	0.00E+00	0.00E+00	4.86E-03	1.89E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	4.86E-03
4598	ALL	653494.8	4187406	NonCancer	0.00E+00	2.00E-04	5.05E-03	0.00E+00	0.00E+00	5.05E-03	2.00E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	5.05E-03
4599	ALL	653533.8	4187391	NonCancer	0.00E+00	1.93E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03

4600	ALL	653572.8	4187376	NonCancer	0.00E+00	1.93E-04	4.91E-03	0.00E+00	0.00E+00	4.91E-03	1.93E-04	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	4.91E-03
4601	ALL	653611.7	4187361	NonCancer	0.00E+00	1.94E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.94E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
4602	ALL	653650.7	4187347	NonCancer	0.00E+00	2.02E-04	5.10E-03	0.00E+00	0.00E+00	5.10E-03	2.02E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	5.10E-03
4603	ALL	653144.1	4187871	NonCancer	0.00E+00	2.22E-04	5.67E-03	0.00E+00	0.00E+00	5.67E-03	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	5.67E-03
4604	ALL	653142.3	4187913	NonCancer	0.00E+00	2.16E-04	5.54E-03	0.00E+00	0.00E+00	5.54E-03	2.16E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	5.54E-03
4605	ALL	653140.4	4187955	NonCancer	0.00E+00	2.24E-04	5.72E-03	0.00E+00	0.00E+00	5.72E-03	2.24E-04	0.00E+00	2.24E-04	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	5.72E-03
4606	ALL	653053.7	4187827	NonCancer	0.00E+00	1.78E-04	4.55E-03	0.00E+00	0.00E+00	4.55E-03	1.78E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	4.55E-03
4607	ALL	653070.9	4187790	NonCancer	0.00E+00	1.83E-04	4.66E-03	0.00E+00	0.00E+00	4.66E-03	1.83E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.66E-03
4608	ALL	653088	4187753	NonCancer	0.00E+00	1.81E-04	4.66E-03	0.00E+00	0.00E+00	4.66E-03	1.81E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	4.66E-03
4609	ALL	653105.2	4187716	NonCancer	0.00E+00	1.77E-04	4.57E-03	0.00E+00	0.00E+00	4.57E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	4.57E-03
4610	ALL	653122.4	4187678	NonCancer	0.00E+00	1.85E-04	4.73E-03	0.00E+00	0.00E+00	4.73E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	4.73E-03
4611	ALL	653139.6	4187641	NonCancer	0.00E+00	1.84E-04	4.67E-03	0.00E+00	0.00E+00	4.67E-03	1.84E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	4.67E-03
4612	ALL	653156.8	4187604	NonCancer	0.00E+00	1.71E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.71E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
4613	ALL	653174	4187567	NonCancer	0.00E+00	1.68E-04	4.27E-03	0.00E+00	0.00E+00	4.27E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	4.27E-03
4614	ALL	653191.1	4187529	NonCancer	0.00E+00	1.66E-04	4.23E-03	0.00E+00	0.00E+00	4.23E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	4.23E-03
4615	ALL	653208.3	4187492	NonCancer	0.00E+00	1.62E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
4616	ALL	653225.5	4187455	NonCancer	0.00E+00	1.57E-04	4.01E-03	0.00E+00	0.00E+00	4.01E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	4.01E-03
4617	ALL	653242.7	4187417	NonCancer	0.00E+00	1.54E-04	3.90E-03	0.00E+00	0.00E+00	3.90E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	3.90E-03
4618	ALL	653270.5	4187392	NonCancer	0.00E+00	1.47E-04	3.77E-03	0.00E+00	0.00E+00	3.77E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	3.77E-03
4619	ALL	653308.9	4187377	NonCancer	0.00E+00	1.56E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
4620	ALL	653347.2	4187363	NonCancer	0.00E+00	1.56E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
4621	ALL	653385.6	4187348	NonCancer	0.00E+00	1.58E-04	3.99E-03	0.00E+00	0.00E+00	3.99E-03	1.58E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	3.99E-03
4622	ALL	653424	4187333	NonCancer	0.00E+00	1.55E-04	4.00E-03	0.00E+00	0.00E+00	4.00E-03	1.55E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	4.00E-03
4623	ALL	653462.4	4187319	NonCancer	0.00E+00	1.63E-04	4.12E-03	0.00E+00	0.00E+00	4.12E-03	1.63E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	4.12E-03
4624	ALL	653500.7	4187304	NonCancer	0.00E+00	1.59E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
4625	ALL	653539.1	4187290	NonCancer	0.00E+00	1.59E-04	4.04E-03	0.00E+00	0.00E+00	4.04E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	4.04E-03
4626	ALL	653577.5	4187275	NonCancer	0.00E+00	1.60E-04	4.10E-03	0.00E+00	0.00E+00	4.10E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	4.10E-03
4627	ALL	653615.9	4187261	NonCancer	0.00E+00	1.62E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.62E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
4628	ALL	653654.3	4187246	NonCancer	0.00E+00	1.56E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
4629	ALL	653044.2	4187867	NonCancer	0.00E+00	1.75E-04	4.48E-03	0.00E+00	0.00E+00	4.48E-03	1.75E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	4.48E-03
4630	ALL	653042.4	4187909	NonCancer	0.00E+00	1.74E-04	4.46E-03	0.00E+00	0.00E+00	4.46E-03	1.74E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	4.46E-03
4631	ALL	653040.5	4187950	NonCancer	0.00E+00	1.77E-04	4.54E-03	0.00E+00	0.00E+00	4.54E-03	1.77E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	4.54E-03
4632	ALL	652953.7	4187823	NonCancer	0.00E+00	1.43E-04	3.69E-03	0.00E+00	0.00E+00	3.69E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	3.69E-03
4633	ALL	652970.7	4187786	NonCancer	0.00E+00	1.48E-04	3.79E-03	0.00E+00	0.00E+00	3.79E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	3.79E-03
4634	ALL	652987.7	4187750	NonCancer	0.00E+00	1.50E-04	3.84E-03	0.00E+00	0.00E+00	3.84E-03	1.50E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	3.84E-03
4635	ALL	653004.7	4187713	NonCancer	0.00E+00	1.56E-04	3.98E-03	0.00E+00	0.00E+00	3.98E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	3.98E-03
4636	ALL	653021.7	4187676	NonCancer	0.00E+00	1.52E-04	3.89E-03	0.00E+00	0.00E+00	3.89E-03	1.52E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	3.89E-03
4637	ALL	653038.7	4187639	NonCancer	0.00E+00	1.56E-04	3.96E-03	0.00E+00	0.00E+00	3.96E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	3.96E-03
4638	ALL	653055.6	4187602	NonCancer	0.00E+00	1.56E-04	3.97E-03	0.00E+00	0.00E+00	3.97E-03	1.56E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	3.97E-03
4639	ALL	653072.6	4187565	NonCancer	0.00E+00	1.48E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
4640	ALL	653089.6	4187528	NonCancer	0.00E+00	1.42E-04	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03
4641	ALL	653106.6	4187492	NonCancer	0.00E+00	1.41E-04	3.60E-03	0.00E+00	0.00E+00	3.60E-03	1.41E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	3.60E-03
4642	ALL	653123.6	4187455	NonCancer	0.00E+00	1.39E-04	3.53E-03	0.00E+00	0.00E+00	3.53E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	3.53E-03
4643	ALL	653140.6	4187418	NonCancer	0.00E+00	1.35E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
4644	ALL	653157.6	4187381	NonCancer	0.00E+00	1.32E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
4645	ALL	653174.6	4187344	NonCancer	0.00E+00	1.29E-04	3.28E-03	0.00E+00	0.00E+00	3.28E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	3.28E-03
4646	ALL	653202.1	4187318	NonCancer	0.00E+00	1.26E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
4647	ALL	653240	4187304	NonCancer	0.00E+00	1.28E-04	3.27E-03	0.00E+00	0.00E+00	3.27E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	3.27E-03
4648	ALL	653278	4187290	NonCancer	0.00E+00	1.34E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
4649	ALL	653316	4187275	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03

4650	ALL	653353.9	4187261	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
4651	ALL	653391.9	4187247	NonCancer	0.00E+00	1.36E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
4652	ALL	653429.8	4187232	NonCancer	0.00E+00	1.39E-04	3.52E-03	0.00E+00	0.00E+00	3.52E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	3.52E-03
4653	ALL	653467.8	4187218	NonCancer	0.00E+00	1.33E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
4654	ALL	653505.7	4187204	NonCancer	0.00E+00	1.36E-04	3.46E-03	0.00E+00	0.00E+00	3.46E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	3.46E-03
4655	ALL	653543.7	4187189	NonCancer	0.00E+00	1.37E-04	3.47E-03	0.00E+00	0.00E+00	3.47E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	3.47E-03
4656	ALL	653581.7	4187175	NonCancer	0.00E+00	1.35E-04	3.49E-03	0.00E+00	0.00E+00	3.49E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	3.49E-03
4657	ALL	653619.6	4187160	NonCancer	0.00E+00	1.42E-04	3.58E-03	0.00E+00	0.00E+00	3.58E-03	1.42E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	3.58E-03
4658	ALL	653657.6	4187146	NonCancer	0.00E+00	1.33E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
4659	ALL	652944.3	4187863	NonCancer	0.00E+00	1.47E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
4660	ALL	652942.5	4187904	NonCancer	0.00E+00	1.46E-04	3.73E-03	0.00E+00	0.00E+00	3.73E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.73E-03
4661	ALL	652940.6	4187946	NonCancer	0.00E+00	1.45E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
4662	ALL	652854	4187818	NonCancer	0.00E+00	1.27E-04	3.23E-03	0.00E+00	0.00E+00	3.23E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	3.23E-03
4663	ALL	652871.4	4187781	NonCancer	0.00E+00	1.30E-04	3.30E-03	0.00E+00	0.00E+00	3.30E-03	1.30E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	3.30E-03
4664	ALL	652888.8	4187743	NonCancer	0.00E+00	1.31E-04	3.33E-03	0.00E+00	0.00E+00	3.33E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	3.33E-03
4665	ALL	652906.2	4187705	NonCancer	0.00E+00	1.33E-04	3.39E-03	0.00E+00	0.00E+00	3.39E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	3.39E-03
4666	ALL	652923.6	4187668	NonCancer	0.00E+00	1.36E-04	3.44E-03	0.00E+00	0.00E+00	3.44E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	3.44E-03
4667	ALL	652941	4187630	NonCancer	0.00E+00	1.34E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
4668	ALL	652958.4	4187592	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
4669	ALL	652975.7	4187554	NonCancer	0.00E+00	1.33E-04	3.38E-03	0.00E+00	0.00E+00	3.38E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	3.38E-03
4670	ALL	652993.1	4187517	NonCancer	0.00E+00	1.26E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.26E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
4671	ALL	653010.5	4187479	NonCancer	0.00E+00	1.22E-04	3.10E-03	0.00E+00	0.00E+00	3.10E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	3.10E-03
4672	ALL	653027.9	4187441	NonCancer	0.00E+00	1.21E-04	3.07E-03	0.00E+00	0.00E+00	3.07E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	3.07E-03
4673	ALL	653045.3	4187403	NonCancer	0.00E+00	1.20E-04	3.04E-03	0.00E+00	0.00E+00	3.04E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	3.04E-03
4674	ALL	653062.7	4187366	NonCancer	0.00E+00	1.17E-04	2.97E-03	0.00E+00	0.00E+00	2.97E-03	1.17E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	2.97E-03
4675	ALL	653080.1	4187328	NonCancer	0.00E+00	1.15E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
4676	ALL	653097.5	4187290	NonCancer	0.00E+00	1.11E-04	2.83E-03	0.00E+00	0.00E+00	2.83E-03	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	2.83E-03
4677	ALL	653134.3	4187245	NonCancer	0.00E+00	1.08E-04	2.74E-03	0.00E+00	0.00E+00	2.74E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	2.74E-03
4678	ALL	653173.2	4187230	NonCancer	0.00E+00	1.08E-04	2.76E-03	0.00E+00	0.00E+00	2.76E-03	1.08E-04	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	2.76E-03
4679	ALL	653212.1	4187216	NonCancer	0.00E+00	1.14E-04	2.90E-03	0.00E+00	0.00E+00	2.90E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	2.90E-03
4680	ALL	653250.9	4187201	NonCancer	0.00E+00	1.15E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
4681	ALL	653289.8	4187186	NonCancer	0.00E+00	1.15E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
4682	ALL	653328.6	4187172	NonCancer	0.00E+00	1.13E-04	2.89E-03	0.00E+00	0.00E+00	2.89E-03	1.13E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	2.89E-03
4683	ALL	653367.5	4187157	NonCancer	0.00E+00	1.22E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
4684	ALL	653406.3	4187142	NonCancer	0.00E+00	1.21E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
4685	ALL	653445.2	4187128	NonCancer	0.00E+00	1.16E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
4686	ALL	653484	4187113	NonCancer	0.00E+00	1.16E-04	2.95E-03	0.00E+00	0.00E+00	2.95E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	2.95E-03
4687	ALL	653522.9	4187098	NonCancer	0.00E+00	1.18E-04	2.99E-03	0.00E+00	0.00E+00	2.99E-03	1.18E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	2.99E-03
4688	ALL	653561.8	4187083	NonCancer	0.00E+00	1.16E-04	3.00E-03	0.00E+00	0.00E+00	3.00E-03	1.16E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	3.00E-03
4689	ALL	653600.6	4187069	NonCancer	0.00E+00	1.22E-04	3.09E-03	0.00E+00	0.00E+00	3.09E-03	1.22E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	3.09E-03
4690	ALL	653639.5	4187054	NonCancer	0.00E+00	1.12E-04	2.85E-03	0.00E+00	0.00E+00	2.85E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	2.85E-03
4691	ALL	653678.3	4187039	NonCancer	0.00E+00	1.12E-04	2.91E-03	0.00E+00	0.00E+00	2.91E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	2.91E-03
4692	ALL	652844.4	4187858	NonCancer	0.00E+00	1.25E-04	3.20E-03	0.00E+00	0.00E+00	3.20E-03	1.25E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	3.20E-03
4693	ALL	652842.6	4187900	NonCancer	0.00E+00	1.24E-04	3.18E-03	0.00E+00	0.00E+00	3.18E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	3.18E-03
4694	ALL	652840.7	4187942	NonCancer	0.00E+00	1.21E-04	3.11E-03	0.00E+00	0.00E+00	3.11E-03	1.21E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	3.11E-03
4695	ALL	652604.2	4187807	NonCancer	0.00E+00	8.88E-05	2.27E-03	0.00E+00	0.00E+00	2.27E-03	8.88E-05	0.00E+00	8.88E-05	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	2.27E-03
4696	ALL	652621.7	4187770	NonCancer	0.00E+00	8.92E-05	2.28E-03	0.00E+00	0.00E+00	2.28E-03	8.92E-05	0.00E+00	8.92E-05	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	2.28E-03
4697	ALL	652639.1	4187732	NonCancer	0.00E+00	9.34E-05	2.37E-03	0.00E+00	0.00E+00	2.37E-03	9.34E-05	0.00E+00	9.34E-05	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	2.37E-03
4698	ALL	652656.6	4187694	NonCancer	0.00E+00	9.40E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.40E-05	0.00E+00	9.40E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
4699	ALL	652674	4187656	NonCancer	0.00E+00	9.30E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.30E-05	0.00E+00	9.30E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03

4700	ALL	652691.5	4187618	NonCancer	0.00E+00	9.45E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.45E-05	0.00E+00	9.45E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
4701	ALL	652708.9	4187580	NonCancer	0.00E+00	9.69E-05	2.46E-03	0.00E+00	0.00E+00	2.46E-03	9.69E-05	0.00E+00	9.69E-05	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
4702	ALL	652726.4	4187543	NonCancer	0.00E+00	9.62E-05	2.45E-03	0.00E+00	0.00E+00	2.45E-03	9.62E-05	0.00E+00	9.62E-05	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	2.45E-03
4703	ALL	652743.8	4187505	NonCancer	0.00E+00	9.61E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.61E-05	0.00E+00	9.61E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
4704	ALL	652761.3	4187467	NonCancer	0.00E+00	9.29E-05	2.38E-03	0.00E+00	0.00E+00	2.38E-03	9.29E-05	0.00E+00	9.29E-05	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	2.38E-03
4705	ALL	652778.7	4187429	NonCancer	0.00E+00	9.42E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.42E-05	0.00E+00	9.42E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
4706	ALL	652796.2	4187391	NonCancer	0.00E+00	8.99E-05	2.28E-03	0.00E+00	0.00E+00	2.28E-03	8.99E-05	0.00E+00	8.99E-05	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	2.28E-03
4707	ALL	652813.6	4187353	NonCancer	0.00E+00	8.72E-05	2.22E-03	0.00E+00	0.00E+00	2.22E-03	8.72E-05	0.00E+00	8.72E-05	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	2.22E-03
4708	ALL	652831.1	4187316	NonCancer	0.00E+00	8.76E-05	2.23E-03	0.00E+00	0.00E+00	2.23E-03	8.76E-05	0.00E+00	8.76E-05	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	2.23E-03
4709	ALL	652848.5	4187278	NonCancer	0.00E+00	8.50E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.50E-05	0.00E+00	8.50E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
4710	ALL	652865.9	4187240	NonCancer	0.00E+00	8.57E-05	2.18E-03	0.00E+00	0.00E+00	2.18E-03	8.57E-05	0.00E+00	8.57E-05	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	2.18E-03
4711	ALL	652883.4	4187202	NonCancer	0.00E+00	8.43E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.43E-05	0.00E+00	8.43E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4712	ALL	652900.8	4187164	NonCancer	0.00E+00	8.31E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.31E-05	0.00E+00	8.31E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
4713	ALL	652918.3	4187126	NonCancer	0.00E+00	8.10E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.10E-05	0.00E+00	8.10E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
4714	ALL	652935.7	4187089	NonCancer	0.00E+00	7.96E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	7.96E-05	0.00E+00	7.96E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
4715	ALL	652963.9	4187062	NonCancer	0.00E+00	7.76E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.76E-05	0.00E+00	7.76E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
4716	ALL	653002.9	4187048	NonCancer	0.00E+00	7.72E-05	1.97E-03	0.00E+00	0.00E+00	1.97E-03	7.72E-05	0.00E+00	7.72E-05	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.97E-03
4717	ALL	653041.9	4187033	NonCancer	0.00E+00	8.09E-05	2.06E-03	0.00E+00	0.00E+00	2.06E-03	8.09E-05	0.00E+00	8.09E-05	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	2.06E-03
4718	ALL	653080.9	4187018	NonCancer	0.00E+00	8.30E-05	2.10E-03	0.00E+00	0.00E+00	2.10E-03	8.30E-05	0.00E+00	8.30E-05	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
4719	ALL	653119.8	4187003	NonCancer	0.00E+00	8.29E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.29E-05	0.00E+00	8.29E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
4720	ALL	653158.8	4186989	NonCancer	0.00E+00	8.32E-05	2.11E-03	0.00E+00	0.00E+00	2.11E-03	8.32E-05	0.00E+00	8.32E-05	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
4721	ALL	653197.8	4186974	NonCancer	0.00E+00	8.27E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.27E-05	0.00E+00	8.27E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
4722	ALL	653236.7	4186959	NonCancer	0.00E+00	8.38E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.38E-05	0.00E+00	8.38E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4723	ALL	653275.7	4186944	NonCancer	0.00E+00	8.93E-05	2.26E-03	0.00E+00	0.00E+00	2.26E-03	8.93E-05	0.00E+00	8.93E-05	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	2.26E-03
4724	ALL	653314.7	4186930	NonCancer	0.00E+00	8.87E-05	2.23E-03	0.00E+00	0.00E+00	2.23E-03	8.87E-05	0.00E+00	8.87E-05	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	2.23E-03
4725	ALL	653353.6	4186915	NonCancer	0.00E+00	8.20E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.20E-05	0.00E+00	8.20E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
4726	ALL	653392.6	4186900	NonCancer	0.00E+00	8.49E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.49E-05	0.00E+00	8.49E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4727	ALL	653431.6	4186885	NonCancer	0.00E+00	8.43E-05	2.15E-03	0.00E+00	0.00E+00	2.15E-03	8.43E-05	0.00E+00	8.43E-05	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	2.15E-03
4728	ALL	653470.5	4186871	NonCancer	0.00E+00	8.57E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.57E-05	0.00E+00	8.57E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
4729	ALL	653509.5	4186856	NonCancer	0.00E+00	8.45E-05	2.16E-03	0.00E+00	0.00E+00	2.16E-03	8.45E-05	0.00E+00	8.45E-05	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	2.16E-03
4730	ALL	653548.5	4186841	NonCancer	0.00E+00	8.68E-05	2.23E-03	0.00E+00	0.00E+00	2.23E-03	8.68E-05	0.00E+00	8.68E-05	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	2.23E-03
4731	ALL	653587.5	4186826	NonCancer	0.00E+00	8.72E-05	2.20E-03	0.00E+00	0.00E+00	2.20E-03	8.72E-05	0.00E+00	8.72E-05	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	2.20E-03
4732	ALL	653626.4	4186812	NonCancer	0.00E+00	8.32E-05	2.10E-03	0.00E+00	0.00E+00	2.10E-03	8.32E-05	0.00E+00	8.32E-05	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
4733	ALL	653665.4	4186797	NonCancer	0.00E+00	8.07E-05	2.09E-03	0.00E+00	0.00E+00	2.09E-03	8.07E-05	0.00E+00	8.07E-05	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	2.09E-03
4734	ALL	652594.6	4187847	NonCancer	0.00E+00	8.99E-05	2.29E-03	0.00E+00	0.00E+00	2.29E-03	8.99E-05	0.00E+00	8.99E-05	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	2.29E-03
4735	ALL	652592.8	4187889	NonCancer	0.00E+00	8.82E-05	2.24E-03	0.00E+00	0.00E+00	2.24E-03	8.82E-05	0.00E+00	8.82E-05	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	2.24E-03
4736	ALL	652591	4187931	NonCancer	0.00E+00	8.37E-05	2.17E-03	0.00E+00	0.00E+00	2.17E-03	8.37E-05	0.00E+00	8.37E-05	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
4737	ALL	652354.5	4187797	NonCancer	0.00E+00	6.84E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
4738	ALL	652372	4187759	NonCancer	0.00E+00	6.98E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	6.98E-05	0.00E+00	6.98E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
4739	ALL	652389.5	4187721	NonCancer	0.00E+00	6.60E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
4740	ALL	652406.9	4187683	NonCancer	0.00E+00	7.15E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.15E-05	0.00E+00	7.15E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
4741	ALL	652424.4	4187645	NonCancer	0.00E+00	7.17E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
4742	ALL	652441.9	4187607	NonCancer	0.00E+00	7.21E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.21E-05	0.00E+00	7.21E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
4743	ALL	652459.4	4187569	NonCancer	0.00E+00	7.34E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.34E-05	0.00E+00	7.34E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
4744	ALL	652476.9	4187531	NonCancer	0.00E+00	7.39E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.39E-05	0.00E+00	7.39E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
4745	ALL	652494.3	4187493	NonCancer	0.00E+00	7.30E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.30E-05	0.00E+00	7.30E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
4746	ALL	652511.8	4187455	NonCancer	0.00E+00	7.35E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4747	ALL	652529.3	4187417	NonCancer	0.00E+00	7.35E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4748	ALL	652546.8	4187380	NonCancer	0.00E+00	7.37E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.37E-05	0.00E+00	7.37E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4749	ALL	652564.2	4187342	NonCancer	0.00E+00	7.38E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03

4750	ALL	652581.7	4187304	NonCancer	0.00E+00	7.38E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.38E-05	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
4751	ALL	652599.2	4187266	NonCancer	0.00E+00	6.83E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.83E-05	0.00E+00	6.83E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
4752	ALL	652616.7	4187228	NonCancer	0.00E+00	6.63E-05	1.69E-03	0.00E+00	0.00E+00	1.69E-03	6.63E-05	0.00E+00	6.63E-05	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
4753	ALL	652634.2	4187190	NonCancer	0.00E+00	6.68E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
4754	ALL	652651.6	4187152	NonCancer	0.00E+00	6.70E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.70E-05	0.00E+00	6.70E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
4755	ALL	652669.1	4187114	NonCancer	0.00E+00	6.60E-05	1.68E-03	0.00E+00	0.00E+00	1.68E-03	6.60E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	1.68E-03
4756	ALL	652686.6	4187076	NonCancer	0.00E+00	6.55E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.55E-05	0.00E+00	6.55E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4757	ALL	652704.1	4187038	NonCancer	0.00E+00	6.47E-05	1.64E-03	0.00E+00	0.00E+00	1.64E-03	6.47E-05	0.00E+00	6.47E-05	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03
4758	ALL	652721.6	4187000	NonCancer	0.00E+00	6.34E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.34E-05	0.00E+00	6.34E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
4759	ALL	652739	4186963	NonCancer	0.00E+00	6.25E-05	1.59E-03	0.00E+00	0.00E+00	1.59E-03	6.25E-05	0.00E+00	6.25E-05	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	1.59E-03
4760	ALL	652756.5	4186925	NonCancer	0.00E+00	6.19E-05	1.57E-03	0.00E+00	0.00E+00	1.57E-03	6.19E-05	0.00E+00	6.19E-05	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	1.57E-03
4761	ALL	652793.5	4186879	NonCancer	0.00E+00	6.04E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
4762	ALL	652832.6	4186865	NonCancer	0.00E+00	5.99E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.99E-05	0.00E+00	5.99E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
4763	ALL	652871.6	4186850	NonCancer	0.00E+00	5.92E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
4764	ALL	652910.6	4186835	NonCancer	0.00E+00	6.36E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.36E-05	0.00E+00	6.36E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
4765	ALL	652949.7	4186820	NonCancer	0.00E+00	6.38E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.38E-05	0.00E+00	6.38E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
4766	ALL	652988.7	4186806	NonCancer	0.00E+00	6.39E-05	1.62E-03	0.00E+00	0.00E+00	1.62E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	1.62E-03
4767	ALL	653027.8	4186791	NonCancer	0.00E+00	6.46E-05	1.64E-03	0.00E+00	0.00E+00	1.64E-03	6.46E-05	0.00E+00	6.46E-05	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03
4768	ALL	653066.8	4186776	NonCancer	0.00E+00	6.39E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
4769	ALL	653105.9	4186761	NonCancer	0.00E+00	6.48E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.48E-05	0.00E+00	6.48E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4770	ALL	653144.9	4186746	NonCancer	0.00E+00	7.29E-05	1.83E-03	0.00E+00	0.00E+00	1.83E-03	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.83E-03
4771	ALL	653183.9	4186732	NonCancer	0.00E+00	6.91E-05	1.75E-03	0.00E+00	0.00E+00	1.75E-03	6.91E-05	0.00E+00	6.91E-05	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.75E-03
4772	ALL	653223	4186717	NonCancer	0.00E+00	6.84E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
4773	ALL	653262	4186702	NonCancer	0.00E+00	6.23E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.23E-05	0.00E+00	6.23E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
4774	ALL	653301.1	4186687	NonCancer	0.00E+00	6.53E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.53E-05	0.00E+00	6.53E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4775	ALL	653340.1	4186673	NonCancer	0.00E+00	6.59E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.59E-05	0.00E+00	6.59E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4776	ALL	653379.2	4186658	NonCancer	0.00E+00	6.58E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.58E-05	0.00E+00	6.58E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4777	ALL	653418.2	4186643	NonCancer	0.00E+00	6.58E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.58E-05	0.00E+00	6.58E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4778	ALL	653457.2	4186628	NonCancer	0.00E+00	6.54E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.54E-05	0.00E+00	6.54E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4779	ALL	653496.3	4186613	NonCancer	0.00E+00	6.45E-05	1.67E-03	0.00E+00	0.00E+00	1.67E-03	6.45E-05	0.00E+00	6.45E-05	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4780	ALL	653535.3	4186599	NonCancer	0.00E+00	6.85E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.85E-05	0.00E+00	6.85E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
4781	ALL	653574.4	4186584	NonCancer	0.00E+00	6.40E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.40E-05	0.00E+00	6.40E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
4782	ALL	653613.4	4186569	NonCancer	0.00E+00	6.44E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.44E-05	0.00E+00	6.44E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
4783	ALL	653652.4	4186554	NonCancer	0.00E+00	6.18E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.18E-05	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
4784	ALL	653691.5	4186540	NonCancer	0.00E+00	6.40E-05	1.68E-03	0.00E+00	0.00E+00	1.68E-03	6.40E-05	0.00E+00	6.40E-05	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	1.68E-03
4785	ALL	652344.8	4187836	NonCancer	0.00E+00	6.68E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.68E-05	0.00E+00	6.68E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
4786	ALL	652343	4187878	NonCancer	0.00E+00	6.77E-05	1.72E-03	0.00E+00	0.00E+00	1.72E-03	6.77E-05	0.00E+00	6.77E-05	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
4787	ALL	652341.2	4187920	NonCancer	0.00E+00	6.42E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.42E-05	0.00E+00	6.42E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
4788	ALL	652104.7	4187786	NonCancer	0.00E+00	5.46E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
4789	ALL	652122.2	4187748	NonCancer	0.00E+00	5.40E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.40E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
4790	ALL	652139.7	4187710	NonCancer	0.00E+00	5.63E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.63E-05	0.00E+00	5.63E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
4791	ALL	652157.2	4187672	NonCancer	0.00E+00	5.19E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4792	ALL	652174.7	4187634	NonCancer	0.00E+00	5.72E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.72E-05	0.00E+00	5.72E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
4793	ALL	652192.3	4187596	NonCancer	0.00E+00	5.65E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.65E-05	0.00E+00	5.65E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4794	ALL	652209.8	4187558	NonCancer	0.00E+00	5.81E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.81E-05	0.00E+00	5.81E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
4795	ALL	652227.3	4187520	NonCancer	0.00E+00	6.22E-05	1.57E-03	0.00E+00	0.00E+00	1.57E-03	6.22E-05	0.00E+00	6.22E-05	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	1.57E-03
4796	ALL	652244.8	4187482	NonCancer	0.00E+00	6.01E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.01E-05	0.00E+00	6.01E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
4797	ALL	652262.3	4187444	NonCancer	0.00E+00	5.92E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
4798	ALL	652279.8	4187406	NonCancer	0.00E+00	5.73E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.73E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
4799	ALL	652297.3	4187368	NonCancer	0.00E+00	5.85E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03

4800	ALL	652314.8	4187330	NonCancer	0.00E+00	5.92E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
4801	ALL	652332.3	4187292	NonCancer	0.00E+00	5.86E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.86E-05	0.00E+00	5.86E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
4802	ALL	652349.8	4187254	NonCancer	0.00E+00	5.70E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
4803	ALL	652367.3	4187216	NonCancer	0.00E+00	5.77E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.77E-05	0.00E+00	5.77E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
4804	ALL	652384.8	4187178	NonCancer	0.00E+00	5.89E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.89E-05	0.00E+00	5.89E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
4805	ALL	652402.3	4187140	NonCancer	0.00E+00	5.41E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
4806	ALL	652419.8	4187102	NonCancer	0.00E+00	5.31E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4807	ALL	652437.3	4187064	NonCancer	0.00E+00	5.34E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.34E-05	0.00E+00	5.34E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
4808	ALL	652454.8	4187027	NonCancer	0.00E+00	5.37E-05	1.37E-03	0.00E+00	0.00E+00	1.37E-03	5.37E-05	0.00E+00	5.37E-05	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	1.37E-03
4809	ALL	652472.3	4186989	NonCancer	0.00E+00	5.22E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.22E-05	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4810	ALL	652489.8	4186951	NonCancer	0.00E+00	5.30E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4811	ALL	652507.3	4186913	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4812	ALL	652524.8	4186875	NonCancer	0.00E+00	5.18E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4813	ALL	652542.3	4186837	NonCancer	0.00E+00	5.09E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
4814	ALL	652559.8	4186799	NonCancer	0.00E+00	5.01E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	5.01E-05	0.00E+00	5.01E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
4815	ALL	652577.3	4186761	NonCancer	0.00E+00	4.97E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
4816	ALL	652594.8	4186723	NonCancer	0.00E+00	4.88E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
4817	ALL	652623.1	4186696	NonCancer	0.00E+00	4.83E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.83E-05	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4818	ALL	652662.2	4186682	NonCancer	0.00E+00	4.88E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4819	ALL	652701.3	4186667	NonCancer	0.00E+00	4.76E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.76E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4820	ALL	652740.4	4186652	NonCancer	0.00E+00	4.92E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.92E-05	0.00E+00	4.92E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
4821	ALL	652779.5	4186637	NonCancer	0.00E+00	5.11E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.11E-05	0.00E+00	5.11E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4822	ALL	652818.5	4186623	NonCancer	0.00E+00	5.16E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
4823	ALL	652857.6	4186608	NonCancer	0.00E+00	5.15E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
4824	ALL	652896.7	4186593	NonCancer	0.00E+00	5.17E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
4825	ALL	652935.8	4186578	NonCancer	0.00E+00	5.23E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.23E-05	0.00E+00	5.23E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4826	ALL	652974.9	4186563	NonCancer	0.00E+00	5.20E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.20E-05	0.00E+00	5.20E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4827	ALL	653014	4186549	NonCancer	0.00E+00	6.10E-05	1.56E-03	0.00E+00	0.00E+00	1.56E-03	6.10E-05	0.00E+00	6.10E-05	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	1.56E-03
4828	ALL	653053.1	4186534	NonCancer	0.00E+00	6.35E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.35E-05	0.00E+00	6.35E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
4829	ALL	653092.2	4186519	NonCancer	0.00E+00	5.55E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.55E-05	0.00E+00	5.55E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
4830	ALL	653131.3	4186504	NonCancer	0.00E+00	5.47E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.47E-05	0.00E+00	5.47E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
4831	ALL	653170.4	4186489	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4832	ALL	653209.5	4186475	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4833	ALL	653248.6	4186460	NonCancer	0.00E+00	5.28E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4834	ALL	653287.6	4186445	NonCancer	0.00E+00	5.21E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4835	ALL	653326.7	4186430	NonCancer	0.00E+00	5.30E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.30E-05	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4836	ALL	653365.8	4186415	NonCancer	0.00E+00	5.26E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4837	ALL	653404.9	4186401	NonCancer	0.00E+00	5.28E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.28E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4838	ALL	653444	4186386	NonCancer	0.00E+00	5.16E-05	1.33E-03	0.00E+00	0.00E+00	1.33E-03	5.16E-05	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
4839	ALL	653483.1	4186371	NonCancer	0.00E+00	5.42E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.42E-05	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
4840	ALL	653522.2	4186356	NonCancer	0.00E+00	5.43E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
4841	ALL	653561.3	4186341	NonCancer	0.00E+00	5.09E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.09E-05	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4842	ALL	653600.4	4186327	NonCancer	0.00E+00	5.15E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4843	ALL	653639.5	4186312	NonCancer	0.00E+00	4.93E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
4844	ALL	653678.6	4186297	NonCancer	0.00E+00	4.88E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
4845	ALL	652095.1	4187826	NonCancer	0.00E+00	5.25E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.25E-05	0.00E+00	5.25E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
4846	ALL	652093.3	4187867	NonCancer	0.00E+00	5.43E-05	1.38E-03	0.00E+00	0.00E+00	1.38E-03	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	1.38E-03
4847	ALL	652091.4	4187909	NonCancer	0.00E+00	5.14E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.14E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4848	ALL	651854.9	4187775	NonCancer	0.00E+00	4.48E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
4849	ALL	651872.1	4187738	NonCancer	0.00E+00	4.51E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03

4850	ALL	651889.4	4187700	NonCancer	0.00E+00	4.50E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4851	ALL	651906.6	4187663	NonCancer	0.00E+00	4.61E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.61E-05	0.00E+00	4.61E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4852	ALL	651923.9	4187625	NonCancer	0.00E+00	4.25E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4853	ALL	651941.2	4187588	NonCancer	0.00E+00	4.71E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.71E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
4854	ALL	651958.4	4187550	NonCancer	0.00E+00	4.52E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.52E-05	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
4855	ALL	651975.7	4187513	NonCancer	0.00E+00	4.73E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4856	ALL	651992.9	4187476	NonCancer	0.00E+00	5.10E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.10E-05	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
4857	ALL	652010.2	4187438	NonCancer	0.00E+00	5.73E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.73E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4858	ALL	652027.5	4187401	NonCancer	0.00E+00	5.12E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.12E-05	0.00E+00	5.12E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
4859	ALL	652044.7	4187363	NonCancer	0.00E+00	4.90E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
4860	ALL	652062	4187326	NonCancer	0.00E+00	4.74E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.74E-05	0.00E+00	4.74E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
4861	ALL	652079.2	4187288	NonCancer	0.00E+00	4.72E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.72E-05	0.00E+00	4.72E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4862	ALL	652096.5	4187251	NonCancer	0.00E+00	4.83E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.83E-05	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4863	ALL	652113.8	4187214	NonCancer	0.00E+00	4.87E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.87E-05	0.00E+00	4.87E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
4864	ALL	652131	4187176	NonCancer	0.00E+00	4.86E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4865	ALL	652148.3	4187139	NonCancer	0.00E+00	4.81E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
4866	ALL	652165.5	4187101	NonCancer	0.00E+00	4.70E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.70E-05	0.00E+00	4.70E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
4867	ALL	652182.8	4187064	NonCancer	0.00E+00	4.87E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.87E-05	0.00E+00	4.87E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
4868	ALL	652200.1	4187026	NonCancer	0.00E+00	4.54E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.54E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4869	ALL	652217.3	4186989	NonCancer	0.00E+00	4.38E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4870	ALL	652234.6	4186952	NonCancer	0.00E+00	4.44E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4871	ALL	652251.8	4186914	NonCancer	0.00E+00	4.38E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4872	ALL	652269.1	4186877	NonCancer	0.00E+00	4.39E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4873	ALL	652286.4	4186839	NonCancer	0.00E+00	4.28E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4874	ALL	652303.6	4186802	NonCancer	0.00E+00	4.38E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4875	ALL	652320.9	4186764	NonCancer	0.00E+00	4.31E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4876	ALL	652338.1	4186727	NonCancer	0.00E+00	4.23E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4877	ALL	652355.4	4186689	NonCancer	0.00E+00	4.24E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.24E-05	0.00E+00	4.24E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4878	ALL	652372.7	4186652	NonCancer	0.00E+00	4.20E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4879	ALL	652389.9	4186615	NonCancer	0.00E+00	4.13E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.13E-05	0.00E+00	4.13E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
4880	ALL	652407.2	4186577	NonCancer	0.00E+00	4.08E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
4881	ALL	652424.5	4186540	NonCancer	0.00E+00	4.03E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.03E-05	0.00E+00	4.03E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
4882	ALL	652452.4	4186514	NonCancer	0.00E+00	4.00E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4883	ALL	652490.9	4186499	NonCancer	0.00E+00	4.00E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	4.00E-05	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
4884	ALL	652529.5	4186485	NonCancer	0.00E+00	3.95E-05	9.99E-04	0.00E+00	0.00E+00	9.99E-04	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	9.99E-04
4885	ALL	652568	4186470	NonCancer	0.00E+00	3.87E-05	9.91E-04	0.00E+00	0.00E+00	9.91E-04	3.87E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	9.91E-04	0.00E+00	0.00E+00	9.91E-04
4886	ALL	652606.6	4186455	NonCancer	0.00E+00	4.08E-05	1.04E-03	0.00E+00	0.00E+00	1.04E-03	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
4887	ALL	652645.1	4186441	NonCancer	0.00E+00	4.20E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4888	ALL	652683.7	4186426	NonCancer	0.00E+00	4.26E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4889	ALL	652722.2	4186412	NonCancer	0.00E+00	4.26E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4890	ALL	652760.8	4186397	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4891	ALL	652799.3	4186382	NonCancer	0.00E+00	4.27E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4892	ALL	652837.9	4186368	NonCancer	0.00E+00	4.27E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.27E-05	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
4893	ALL	652876.4	4186353	NonCancer	0.00E+00	4.43E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.43E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
4894	ALL	652915	4186339	NonCancer	0.00E+00	5.67E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4895	ALL	652953.5	4186324	NonCancer	0.00E+00	5.76E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.76E-05	0.00E+00	5.76E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
4896	ALL	652992.1	4186309	NonCancer	0.00E+00	4.60E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
4897	ALL	653030.7	4186295	NonCancer	0.00E+00	4.39E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4898	ALL	653069.2	4186280	NonCancer	0.00E+00	4.51E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.51E-05	0.00E+00	4.51E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
4899	ALL	653107.8	4186266	NonCancer	0.00E+00	4.10E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03

4900	ALL	653146.3	4186251	NonCancer	0.00E+00	4.35E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4901	ALL	653184.9	4186237	NonCancer	0.00E+00	4.34E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.34E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4902	ALL	653223.4	4186222	NonCancer	0.00E+00	4.32E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4903	ALL	653262	4186207	NonCancer	0.00E+00	4.40E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.40E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4904	ALL	653300.5	4186193	NonCancer	0.00E+00	4.44E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.44E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4905	ALL	653339.1	4186178	NonCancer	0.00E+00	4.32E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.32E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4906	ALL	653377.6	4186164	NonCancer	0.00E+00	4.31E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4907	ALL	653416.2	4186149	NonCancer	0.00E+00	4.28E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.28E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4908	ALL	653454.7	4186134	NonCancer	0.00E+00	4.47E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4909	ALL	653493.3	4186120	NonCancer	0.00E+00	4.46E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.46E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4910	ALL	653531.8	4186105	NonCancer	0.00E+00	4.21E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
4911	ALL	653570.4	4186091	NonCancer	0.00E+00	4.29E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
4912	ALL	653608.9	4186076	NonCancer	0.00E+00	4.17E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.17E-05	0.00E+00	4.17E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
4913	ALL	653647.5	4186061	NonCancer	0.00E+00	3.82E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
4914	ALL	653686.1	4186047	NonCancer	0.00E+00	4.35E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.35E-05	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4915	ALL	651845.3	4187815	NonCancer	0.00E+00	4.31E-05	1.10E-03	0.00E+00	0.00E+00	1.10E-03	4.31E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
4916	ALL	651843.5	4187856	NonCancer	0.00E+00	4.48E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.48E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
4917	ALL	651841.7	4187898	NonCancer	0.00E+00	4.23E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
4918	ALL	651355.4	4187753	NonCancer	0.00E+00	3.13E-05	7.99E-04	0.00E+00	0.00E+00	7.99E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	7.99E-04
4919	ALL	651372.7	4187716	NonCancer	0.00E+00	3.26E-05	8.28E-04	0.00E+00	0.00E+00	8.28E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	8.28E-04
4920	ALL	651390	4187678	NonCancer	0.00E+00	3.27E-05	8.29E-04	0.00E+00	0.00E+00	8.29E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	8.29E-04
4921	ALL	651407.4	4187640	NonCancer	0.00E+00	3.25E-05	8.29E-04	0.00E+00	0.00E+00	8.29E-04	3.25E-05	0.00E+00	3.25E-05	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	8.29E-04
4922	ALL	651424.7	4187603	NonCancer	0.00E+00	3.35E-05	8.52E-04	0.00E+00	0.00E+00	8.52E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	8.52E-04
4923	ALL	651442.1	4187565	NonCancer	0.00E+00	3.20E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
4924	ALL	651459.4	4187528	NonCancer	0.00E+00	3.12E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
4925	ALL	651476.7	4187490	NonCancer	0.00E+00	3.41E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
4926	ALL	651494.1	4187452	NonCancer	0.00E+00	3.27E-05	8.36E-04	0.00E+00	0.00E+00	8.36E-04	3.27E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	8.36E-04
4927	ALL	651511.4	4187415	NonCancer	0.00E+00	3.45E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
4928	ALL	651528.7	4187377	NonCancer	0.00E+00	3.54E-05	9.33E-04	0.00E+00	0.00E+00	9.33E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	9.33E-04
4929	ALL	651546.1	4187340	NonCancer	0.00E+00	4.40E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.40E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
4930	ALL	651563.4	4187302	NonCancer	0.00E+00	4.81E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.81E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
4931	ALL	651580.7	4187264	NonCancer	0.00E+00	4.43E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.43E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
4932	ALL	651598.1	4187227	NonCancer	0.00E+00	3.54E-05	9.07E-04	0.00E+00	0.00E+00	9.07E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	9.07E-04
4933	ALL	651615.4	4187189	NonCancer	0.00E+00	3.57E-05	9.08E-04	0.00E+00	0.00E+00	9.08E-04	3.57E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	9.08E-04
4934	ALL	651632.8	4187152	NonCancer	0.00E+00	3.31E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
4935	ALL	651650.1	4187114	NonCancer	0.00E+00	3.39E-05	8.70E-04	0.00E+00	0.00E+00	8.70E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	8.70E-04
4936	ALL	651667.4	4187076	NonCancer	0.00E+00	3.53E-05	8.97E-04	0.00E+00	0.00E+00	8.97E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	8.97E-04
4937	ALL	651684.8	4187039	NonCancer	0.00E+00	3.52E-05	8.95E-04	0.00E+00	0.00E+00	8.95E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	8.95E-04
4938	ALL	651702.1	4187001	NonCancer	0.00E+00	3.50E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
4939	ALL	651719.4	4186964	NonCancer	0.00E+00	3.49E-05	8.86E-04	0.00E+00	0.00E+00	8.86E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	8.86E-04
4940	ALL	651736.8	4186926	NonCancer	0.00E+00	3.47E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
4941	ALL	651754.1	4186888	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
4942	ALL	651771.4	4186851	NonCancer	0.00E+00	3.51E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
4943	ALL	651788.8	4186813	NonCancer	0.00E+00	3.44E-05	8.69E-04	0.00E+00	0.00E+00	8.69E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	8.69E-04
4944	ALL	651806.1	4186776	NonCancer	0.00E+00	3.23E-05	8.22E-04	0.00E+00	0.00E+00	8.22E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	8.22E-04
4945	ALL	651823.5	4186738	NonCancer	0.00E+00	3.17E-05	8.07E-04	0.00E+00	0.00E+00	8.07E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	8.07E-04
4946	ALL	651840.8	4186700	NonCancer	0.00E+00	3.20E-05	8.14E-04	0.00E+00	0.00E+00	8.14E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	8.14E-04
4947	ALL	651858.1	4186663	NonCancer	0.00E+00	3.19E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
4948	ALL	651875.5	4186625	NonCancer	0.00E+00	3.21E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
4949	ALL	651892.8	4186588	NonCancer	0.00E+00	3.20E-05	8.11E-04	0.00E+00	0.00E+00	8.11E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	8.11E-04

4950	ALL	651910.1	4186550	NonCancer	0.00E+00	3.10E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
4951	ALL	651927.5	4186512	NonCancer	0.00E+00	3.17E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
4952	ALL	651944.8	4186475	NonCancer	0.00E+00	3.14E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
4953	ALL	651962.1	4186437	NonCancer	0.00E+00	3.11E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
4954	ALL	651979.5	4186400	NonCancer	0.00E+00	3.08E-05	7.84E-04	0.00E+00	0.00E+00	7.84E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	7.84E-04
4955	ALL	651996.8	4186362	NonCancer	0.00E+00	3.07E-05	7.79E-04	0.00E+00	0.00E+00	7.79E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	7.79E-04
4956	ALL	652014.2	4186324	NonCancer	0.00E+00	3.03E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	3.03E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
4957	ALL	652031.5	4186287	NonCancer	0.00E+00	2.97E-05	7.56E-04	0.00E+00	0.00E+00	7.56E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	7.56E-04
4958	ALL	652048.8	4186249	NonCancer	0.00E+00	2.94E-05	7.48E-04	0.00E+00	0.00E+00	7.48E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	7.48E-04
4959	ALL	652066.2	4186212	NonCancer	0.00E+00	2.93E-05	7.46E-04	0.00E+00	0.00E+00	7.46E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
4960	ALL	652083.5	4186174	NonCancer	0.00E+00	2.93E-05	7.46E-04	0.00E+00	0.00E+00	7.46E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
4961	ALL	652111.5	4186148	NonCancer	0.00E+00	2.94E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
4962	ALL	652150.2	4186133	NonCancer	0.00E+00	2.93E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.93E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
4963	ALL	652189	4186119	NonCancer	0.00E+00	3.09E-05	7.76E-04	0.00E+00	0.00E+00	7.76E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	7.76E-04
4964	ALL	652227.7	4186104	NonCancer	0.00E+00	2.90E-05	7.40E-04	0.00E+00	0.00E+00	7.40E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	7.40E-04
4965	ALL	652266.4	4186089	NonCancer	0.00E+00	3.11E-05	7.80E-04	0.00E+00	0.00E+00	7.80E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	7.80E-04
4966	ALL	652305.1	4186075	NonCancer	0.00E+00	2.97E-05	7.58E-04	0.00E+00	0.00E+00	7.58E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	7.58E-04
4967	ALL	652343.9	4186060	NonCancer	0.00E+00	3.07E-05	7.81E-04	0.00E+00	0.00E+00	7.81E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	7.81E-04
4968	ALL	652382.6	4186045	NonCancer	0.00E+00	3.11E-05	7.89E-04	0.00E+00	0.00E+00	7.89E-04	3.11E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	7.89E-04
4969	ALL	652421.3	4186031	NonCancer	0.00E+00	3.12E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
4970	ALL	652460	4186016	NonCancer	0.00E+00	3.10E-05	7.88E-04	0.00E+00	0.00E+00	7.88E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	7.88E-04
4971	ALL	652498.8	4186001	NonCancer	0.00E+00	3.15E-05	7.98E-04	0.00E+00	0.00E+00	7.98E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	7.98E-04
4972	ALL	652537.5	4185987	NonCancer	0.00E+00	3.12E-05	7.92E-04	0.00E+00	0.00E+00	7.92E-04	3.12E-05	0.00E+00	3.12E-05	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	7.92E-04
4973	ALL	652576.2	4185972	NonCancer	0.00E+00	3.15E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
4974	ALL	652614.9	4185957	NonCancer	0.00E+00	3.09E-05	8.20E-04	0.00E+00	0.00E+00	8.20E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	8.20E-04
4975	ALL	652653.6	4185943	NonCancer	0.00E+00	3.44E-05	9.28E-04	0.00E+00	0.00E+00	9.28E-04	3.44E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	9.28E-04
4976	ALL	652692.4	4185928	NonCancer	0.00E+00	4.53E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
4977	ALL	652731.1	4185913	NonCancer	0.00E+00	5.00E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	5.00E-05	0.00E+00	5.00E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
4978	ALL	652769.8	4185899	NonCancer	0.00E+00	4.60E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.60E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
4979	ALL	652808.5	4185884	NonCancer	0.00E+00	3.52E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.52E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
4980	ALL	652847.3	4185870	NonCancer	0.00E+00	3.20E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
4981	ALL	652886	4185855	NonCancer	0.00E+00	3.33E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
4982	ALL	652924.7	4185840	NonCancer	0.00E+00	3.07E-05	7.80E-04	0.00E+00	0.00E+00	7.80E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	7.80E-04
4983	ALL	652963.4	4185826	NonCancer	0.00E+00	3.04E-05	7.78E-04	0.00E+00	0.00E+00	7.78E-04	3.04E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	7.78E-04
4984	ALL	653002.1	4185811	NonCancer	0.00E+00	3.16E-05	8.02E-04	0.00E+00	0.00E+00	8.02E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
4985	ALL	653040.9	4185796	NonCancer	0.00E+00	3.17E-05	8.06E-04	0.00E+00	0.00E+00	8.06E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	8.06E-04
4986	ALL	653079.6	4185782	NonCancer	0.00E+00	3.17E-05	8.04E-04	0.00E+00	0.00E+00	8.04E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.04E-04
4987	ALL	653118.3	4185767	NonCancer	0.00E+00	3.15E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.15E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
4988	ALL	653157	4185752	NonCancer	0.00E+00	3.17E-05	8.08E-04	0.00E+00	0.00E+00	8.08E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	8.08E-04
4989	ALL	653195.8	4185738	NonCancer	0.00E+00	3.21E-05	8.13E-04	0.00E+00	0.00E+00	8.13E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.13E-04
4990	ALL	653234.5	4185723	NonCancer	0.00E+00	3.14E-05	7.99E-04	0.00E+00	0.00E+00	7.99E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	7.99E-04
4991	ALL	653273.2	4185708	NonCancer	0.00E+00	3.14E-05	7.97E-04	0.00E+00	0.00E+00	7.97E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	7.97E-04
4992	ALL	653311.9	4185694	NonCancer	0.00E+00	3.10E-05	7.92E-04	0.00E+00	0.00E+00	7.92E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	7.92E-04
4993	ALL	653350.7	4185679	NonCancer	0.00E+00	3.21E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
4994	ALL	653389.4	4185664	NonCancer	0.00E+00	3.26E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
4995	ALL	653428.1	4185650	NonCancer	0.00E+00	3.24E-05	8.25E-04	0.00E+00	0.00E+00	8.25E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	8.25E-04
4996	ALL	653466.8	4185635	NonCancer	0.00E+00	3.07E-05	7.80E-04	0.00E+00	0.00E+00	7.80E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	7.80E-04
4997	ALL	653505.5	4185620	NonCancer	0.00E+00	3.07E-05	7.82E-04	0.00E+00	0.00E+00	7.82E-04	3.07E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	7.82E-04
4998	ALL	653544.3	4185606	NonCancer	0.00E+00	3.08E-05	7.81E-04	0.00E+00	0.00E+00	7.81E-04	3.08E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	7.81E-04
4999	ALL	653583	4185591	NonCancer	0.00E+00	3.01E-05	7.59E-04	0.00E+00	0.00E+00	7.59E-04	3.01E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	7.59E-04	0.00E+00	0.00E+00	7.59E-04

5000	ALL	653621.7	4185576	NonCancer	0.00E+00	2.78E-05	7.23E-04	0.00E+00	0.00E+00	7.23E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	7.23E-04
5001	ALL	653660.4	4185562	NonCancer	0.00E+00	2.89E-05	7.65E-04	0.00E+00	0.00E+00	7.65E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	7.65E-04
5002	ALL	653699.2	4185547	NonCancer	0.00E+00	3.40E-05	8.74E-04	0.00E+00	0.00E+00	8.74E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	8.74E-04
5003	ALL	651345.8	4187793	NonCancer	0.00E+00	3.16E-05	8.01E-04	0.00E+00	0.00E+00	8.01E-04	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	8.01E-04
5004	ALL	651344	4187835	NonCancer	0.00E+00	3.24E-05	8.21E-04	0.00E+00	0.00E+00	8.21E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	8.21E-04
5005	ALL	651342.2	4187876	NonCancer	0.00E+00	3.06E-05	7.85E-04	0.00E+00	0.00E+00	7.85E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	7.85E-04
5006	ALL	650855.9	4187731	NonCancer	0.00E+00	2.36E-05	6.01E-04	0.00E+00	0.00E+00	6.01E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	6.01E-04
5007	ALL	650873.3	4187694	NonCancer	0.00E+00	2.42E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
5008	ALL	650890.6	4187656	NonCancer	0.00E+00	2.49E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5009	ALL	650908	4187618	NonCancer	0.00E+00	2.51E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
5010	ALL	650925.4	4187581	NonCancer	0.00E+00	2.48E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5011	ALL	650942.8	4187543	NonCancer	0.00E+00	2.54E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
5012	ALL	650960.2	4187505	NonCancer	0.00E+00	2.55E-05	6.47E-04	0.00E+00	0.00E+00	6.47E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	6.47E-04
5013	ALL	650977.6	4187467	NonCancer	0.00E+00	2.37E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
5014	ALL	650995	4187430	NonCancer	0.00E+00	2.44E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
5015	ALL	651012.3	4187392	NonCancer	0.00E+00	2.62E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
5016	ALL	651029.7	4187354	NonCancer	0.00E+00	2.53E-05	6.46E-04	0.00E+00	0.00E+00	6.46E-04	2.53E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	6.46E-04
5017	ALL	651047.1	4187317	NonCancer	0.00E+00	2.61E-05	6.69E-04	0.00E+00	0.00E+00	6.69E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.69E-04
5018	ALL	651064.5	4187279	NonCancer	0.00E+00	2.67E-05	7.06E-04	0.00E+00	0.00E+00	7.06E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	7.06E-04
5019	ALL	651081.9	4187241	NonCancer	0.00E+00	3.20E-05	8.42E-04	0.00E+00	0.00E+00	8.42E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	8.42E-04
5020	ALL	651099.3	4187203	NonCancer	0.00E+00	3.88E-05	9.92E-04	0.00E+00	0.00E+00	9.92E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	9.92E-04
5021	ALL	651116.7	4187166	NonCancer	0.00E+00	4.17E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.17E-05	0.00E+00	4.17E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5022	ALL	651134	4187128	NonCancer	0.00E+00	3.91E-05	9.84E-04	0.00E+00	0.00E+00	9.84E-04	3.91E-05	0.00E+00	3.91E-05	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	9.84E-04
5023	ALL	651151.4	4187090	NonCancer	0.00E+00	3.21E-05	8.20E-04	0.00E+00	0.00E+00	8.20E-04	3.21E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	8.20E-04
5024	ALL	651168.8	4187053	NonCancer	0.00E+00	2.71E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
5025	ALL	651186.2	4187015	NonCancer	0.00E+00	2.71E-05	6.87E-04	0.00E+00	0.00E+00	6.87E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	6.87E-04
5026	ALL	651203.6	4186977	NonCancer	0.00E+00	2.45E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5027	ALL	651221	4186940	NonCancer	0.00E+00	2.59E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5028	ALL	651238.4	4186902	NonCancer	0.00E+00	2.71E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5029	ALL	651255.7	4186864	NonCancer	0.00E+00	2.71E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5030	ALL	651273.1	4186826	NonCancer	0.00E+00	2.70E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.70E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
5031	ALL	651290.5	4186789	NonCancer	0.00E+00	2.69E-05	6.85E-04	0.00E+00	0.00E+00	6.85E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.85E-04	0.00E+00	0.00E+00	6.85E-04
5032	ALL	651307.9	4186751	NonCancer	0.00E+00	2.65E-05	6.73E-04	0.00E+00	0.00E+00	6.73E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	6.73E-04
5033	ALL	651325.3	4186713	NonCancer	0.00E+00	2.65E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
5034	ALL	651342.7	4186676	NonCancer	0.00E+00	2.68E-05	6.80E-04	0.00E+00	0.00E+00	6.80E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	6.80E-04
5035	ALL	651360.1	4186638	NonCancer	0.00E+00	2.60E-05	6.67E-04	0.00E+00	0.00E+00	6.67E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.67E-04
5036	ALL	651377.4	4186600	NonCancer	0.00E+00	2.72E-05	6.90E-04	0.00E+00	0.00E+00	6.90E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	6.90E-04
5037	ALL	651394.8	4186562	NonCancer	0.00E+00	2.56E-05	6.49E-04	0.00E+00	0.00E+00	6.49E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	6.49E-04
5038	ALL	651412.2	4186525	NonCancer	0.00E+00	2.49E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5039	ALL	651429.6	4186487	NonCancer	0.00E+00	2.43E-05	6.18E-04	0.00E+00	0.00E+00	6.18E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	6.18E-04
5040	ALL	651447	4186449	NonCancer	0.00E+00	2.44E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
5041	ALL	651464.4	4186412	NonCancer	0.00E+00	2.45E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
5042	ALL	651481.8	4186374	NonCancer	0.00E+00	2.45E-05	6.24E-04	0.00E+00	0.00E+00	6.24E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	6.24E-04
5043	ALL	651499.2	4186336	NonCancer	0.00E+00	2.48E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
5044	ALL	651516.5	4186299	NonCancer	0.00E+00	2.46E-05	6.24E-04	0.00E+00	0.00E+00	6.24E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	6.24E-04
5045	ALL	651533.9	4186261	NonCancer	0.00E+00	2.37E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04
5046	ALL	651551.3	4186223	NonCancer	0.00E+00	2.42E-05	6.15E-04	0.00E+00	0.00E+00	6.15E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	6.15E-04
5047	ALL	651568.7	4186185	NonCancer	0.00E+00	2.41E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
5048	ALL	651586.1	4186148	NonCancer	0.00E+00	2.41E-05	6.12E-04	0.00E+00	0.00E+00	6.12E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	6.12E-04
5049	ALL	651603.5	4186110	NonCancer	0.00E+00	2.40E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04

5050	ALL	651620.9	4186072	NonCancer	0.00E+00	2.37E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
5051	ALL	651638.2	4186035	NonCancer	0.00E+00	2.35E-05	5.97E-04	0.00E+00	0.00E+00	5.97E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	5.97E-04
5052	ALL	651655.6	4185997	NonCancer	0.00E+00	2.33E-05	5.92E-04	0.00E+00	0.00E+00	5.92E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	5.92E-04
5053	ALL	651673	4185959	NonCancer	0.00E+00	2.32E-05	5.89E-04	0.00E+00	0.00E+00	5.89E-04	2.32E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	5.89E-04
5054	ALL	651690.4	4185921	NonCancer	0.00E+00	2.30E-05	5.83E-04	0.00E+00	0.00E+00	5.83E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	5.83E-04
5055	ALL	651707.8	4185884	NonCancer	0.00E+00	2.27E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
5056	ALL	651725.2	4185846	NonCancer	0.00E+00	2.24E-05	5.71E-04	0.00E+00	0.00E+00	5.71E-04	2.24E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	5.71E-04
5057	ALL	651742.6	4185808	NonCancer	0.00E+00	2.26E-05	5.74E-04	0.00E+00	0.00E+00	5.74E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	5.74E-04
5058	ALL	651770.7	4185782	NonCancer	0.00E+00	2.27E-05	5.77E-04	0.00E+00	0.00E+00	5.77E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	5.77E-04
5059	ALL	651809.5	4185767	NonCancer	0.00E+00	2.26E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
5060	ALL	651848.3	4185753	NonCancer	0.00E+00	2.60E-05	6.59E-04	0.00E+00	0.00E+00	6.59E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	6.59E-04
5061	ALL	651887.2	4185738	NonCancer	0.00E+00	2.64E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
5062	ALL	651926	4185723	NonCancer	0.00E+00	2.47E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5063	ALL	651964.8	4185709	NonCancer	0.00E+00	2.67E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
5064	ALL	652003.7	4185694	NonCancer	0.00E+00	2.56E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5065	ALL	652042.5	4185679	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
5066	ALL	652081.3	4185665	NonCancer	0.00E+00	2.36E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04
5067	ALL	652120.2	4185650	NonCancer	0.00E+00	2.40E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
5068	ALL	652159	4185635	NonCancer	0.00E+00	2.41E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
5069	ALL	652197.8	4185621	NonCancer	0.00E+00	2.38E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
5070	ALL	652236.7	4185606	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
5071	ALL	652275.5	4185591	NonCancer	0.00E+00	2.41E-05	6.11E-04	0.00E+00	0.00E+00	6.11E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	6.11E-04
5072	ALL	652314.3	4185576	NonCancer	0.00E+00	2.40E-05	6.10E-04	0.00E+00	0.00E+00	6.10E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
5073	ALL	652353.2	4185562	NonCancer	0.00E+00	2.44E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
5074	ALL	652392	4185547	NonCancer	0.00E+00	2.36E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
5075	ALL	652430.8	4185532	NonCancer	0.00E+00	2.74E-05	7.45E-04	0.00E+00	0.00E+00	7.45E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	7.45E-04
5076	ALL	652469.7	4185518	NonCancer	0.00E+00	3.63E-05	9.45E-04	0.00E+00	0.00E+00	9.45E-04	3.63E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
5077	ALL	652508.5	4185503	NonCancer	0.00E+00	4.22E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.22E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
5078	ALL	652547.3	4185488	NonCancer	0.00E+00	4.25E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.25E-05	0.00E+00	4.25E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
5079	ALL	652586.2	4185474	NonCancer	0.00E+00	3.71E-05	9.34E-04	0.00E+00	0.00E+00	9.34E-04	3.71E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	9.34E-04
5080	ALL	652625	4185459	NonCancer	0.00E+00	2.81E-05	7.21E-04	0.00E+00	0.00E+00	7.21E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	7.21E-04
5081	ALL	652663.8	4185444	NonCancer	0.00E+00	2.47E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
5082	ALL	652702.7	4185429	NonCancer	0.00E+00	2.57E-05	6.51E-04	0.00E+00	0.00E+00	6.51E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	6.51E-04
5083	ALL	652741.5	4185415	NonCancer	0.00E+00	2.47E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5084	ALL	652780.3	4185400	NonCancer	0.00E+00	2.28E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
5085	ALL	652819.2	4185385	NonCancer	0.00E+00	2.39E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
5086	ALL	652858	4185371	NonCancer	0.00E+00	2.42E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
5087	ALL	652896.8	4185356	NonCancer	0.00E+00	2.45E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
5088	ALL	652935.7	4185341	NonCancer	0.00E+00	2.46E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5089	ALL	652974.5	4185327	NonCancer	0.00E+00	2.45E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
5090	ALL	653013.3	4185312	NonCancer	0.00E+00	2.46E-05	6.25E-04	0.00E+00	0.00E+00	6.25E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
5091	ALL	653052.2	4185297	NonCancer	0.00E+00	2.49E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5092	ALL	653091	4185283	NonCancer	0.00E+00	2.45E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5093	ALL	653129.8	4185268	NonCancer	0.00E+00	2.43E-05	6.17E-04	0.00E+00	0.00E+00	6.17E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	6.17E-04
5094	ALL	653168.7	4185253	NonCancer	0.00E+00	2.49E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.49E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04
5095	ALL	653207.5	4185238	NonCancer	0.00E+00	2.67E-05	6.69E-04	0.00E+00	0.00E+00	6.69E-04	2.67E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	6.69E-04
5096	ALL	653246.3	4185224	NonCancer	0.00E+00	2.43E-05	6.21E-04	0.00E+00	0.00E+00	6.21E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	6.21E-04
5097	ALL	653285.2	4185209	NonCancer	0.00E+00	2.51E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5098	ALL	653324	4185194	NonCancer	0.00E+00	2.51E-05	6.43E-04	0.00E+00	0.00E+00	6.43E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	6.43E-04
5099	ALL	653362.8	4185180	NonCancer	0.00E+00	2.50E-05	6.36E-04	0.00E+00	0.00E+00	6.36E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	6.36E-04

5100	ALL	653401.7	4185165	NonCancer	0.00E+00	2.38E-05	6.04E-04	0.00E+00	0.00E+00	6.04E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
5101	ALL	653440.5	4185150	NonCancer	0.00E+00	2.37E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
5102	ALL	653479.3	4185136	NonCancer	0.00E+00	2.40E-05	6.09E-04	0.00E+00	0.00E+00	6.09E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	6.09E-04
5103	ALL	653518.2	4185121	NonCancer	0.00E+00	2.34E-05	5.94E-04	0.00E+00	0.00E+00	5.94E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04
5104	ALL	653557	4185106	NonCancer	0.00E+00	2.31E-05	5.82E-04	0.00E+00	0.00E+00	5.82E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	5.82E-04
5105	ALL	653595.8	4185091	NonCancer	0.00E+00	2.14E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
5106	ALL	653634.7	4185077	NonCancer	0.00E+00	2.12E-05	5.60E-04	0.00E+00	0.00E+00	5.60E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	5.60E-04
5107	ALL	653673.5	4185062	NonCancer	0.00E+00	2.47E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5108	ALL	653712.3	4185047	NonCancer	0.00E+00	2.71E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
5109	ALL	650846.3	4187771	NonCancer	0.00E+00	2.42E-05	6.14E-04	0.00E+00	0.00E+00	6.14E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	6.14E-04
5110	ALL	650844.4	4187813	NonCancer	0.00E+00	2.48E-05	6.30E-04	0.00E+00	0.00E+00	6.30E-04	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
5111	ALL	650842.6	4187855	NonCancer	0.00E+00	2.35E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
5112	ALL	650356.4	4187710	NonCancer	0.00E+00	1.92E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5113	ALL	650373.8	4187672	NonCancer	0.00E+00	1.92E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
5114	ALL	650391.2	4187634	NonCancer	0.00E+00	1.98E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
5115	ALL	650408.6	4187596	NonCancer	0.00E+00	1.99E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5116	ALL	650426	4187558	NonCancer	0.00E+00	2.01E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
5117	ALL	650443.5	4187521	NonCancer	0.00E+00	1.97E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
5118	ALL	650460.9	4187483	NonCancer	0.00E+00	1.99E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
5119	ALL	650478.3	4187445	NonCancer	0.00E+00	2.06E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5120	ALL	650495.7	4187407	NonCancer	0.00E+00	1.97E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
5121	ALL	650513.2	4187370	NonCancer	0.00E+00	1.87E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5122	ALL	650530.6	4187332	NonCancer	0.00E+00	1.98E-05	5.08E-04	0.00E+00	0.00E+00	5.08E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	5.08E-04
5123	ALL	650548	4187294	NonCancer	0.00E+00	2.09E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
5124	ALL	650565.4	4187256	NonCancer	0.00E+00	2.04E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
5125	ALL	650582.8	4187218	NonCancer	0.00E+00	2.03E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
5126	ALL	650600.3	4187181	NonCancer	0.00E+00	2.16E-05	5.67E-04	0.00E+00	0.00E+00	5.67E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	5.67E-04
5127	ALL	650617.7	4187143	NonCancer	0.00E+00	2.28E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
5128	ALL	650635.1	4187105	NonCancer	0.00E+00	2.96E-05	7.71E-04	0.00E+00	0.00E+00	7.71E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	7.71E-04
5129	ALL	650652.5	4187067	NonCancer	0.00E+00	3.47E-05	8.83E-04	0.00E+00	0.00E+00	8.83E-04	3.47E-05	0.00E+00	3.47E-05	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	8.83E-04
5130	ALL	650669.9	4187029	NonCancer	0.00E+00	3.67E-05	9.24E-04	0.00E+00	0.00E+00	9.24E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	9.24E-04
5131	ALL	650687.4	4186992	NonCancer	0.00E+00	3.49E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
5132	ALL	650704.8	4186954	NonCancer	0.00E+00	2.99E-05	7.62E-04	0.00E+00	0.00E+00	7.62E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	7.62E-04
5133	ALL	650722.2	4186916	NonCancer	0.00E+00	2.31E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
5134	ALL	650739.6	4186878	NonCancer	0.00E+00	2.19E-05	5.57E-04	0.00E+00	0.00E+00	5.57E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	5.57E-04
5135	ALL	650757	4186841	NonCancer	0.00E+00	2.12E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
5136	ALL	650774.5	4186803	NonCancer	0.00E+00	1.94E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
5137	ALL	650791.9	4186765	NonCancer	0.00E+00	2.06E-05	5.28E-04	0.00E+00	0.00E+00	5.28E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	5.28E-04
5138	ALL	650809.3	4186727	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5139	ALL	650826.7	4186689	NonCancer	0.00E+00	2.16E-05	5.49E-04	0.00E+00	0.00E+00	5.49E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	5.49E-04
5140	ALL	650844.1	4186652	NonCancer	0.00E+00	2.14E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
5141	ALL	650861.6	4186614	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5142	ALL	650879	4186576	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5143	ALL	650896.4	4186538	NonCancer	0.00E+00	2.09E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
5144	ALL	650913.8	4186501	NonCancer	0.00E+00	2.12E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
5145	ALL	650931.3	4186463	NonCancer	0.00E+00	2.16E-05	5.47E-04	0.00E+00	0.00E+00	5.47E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	5.47E-04
5146	ALL	650948.7	4186425	NonCancer	0.00E+00	2.03E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
5147	ALL	650966.1	4186387	NonCancer	0.00E+00	2.16E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04
5148	ALL	650983.5	4186349	NonCancer	0.00E+00	2.14E-05	5.42E-04	0.00E+00	0.00E+00	5.42E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	5.42E-04
5149	ALL	651000.9	4186312	NonCancer	0.00E+00	2.04E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04

5150	ALL	651018.4	4186274	NonCancer	0.00E+00	1.99E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5151	ALL	651035.8	4186236	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5152	ALL	651053.2	4186198	NonCancer	0.00E+00	1.94E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
5153	ALL	651070.6	4186161	NonCancer	0.00E+00	1.97E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
5154	ALL	651088	4186123	NonCancer	0.00E+00	1.96E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
5155	ALL	651105.5	4186085	NonCancer	0.00E+00	1.95E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
5156	ALL	651122.9	4186047	NonCancer	0.00E+00	1.97E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
5157	ALL	651140.3	4186009	NonCancer	0.00E+00	1.97E-05	4.98E-04	0.00E+00	0.00E+00	4.98E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	4.98E-04
5158	ALL	651157.7	4185972	NonCancer	0.00E+00	1.89E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
5159	ALL	651175.1	4185934	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5160	ALL	651192.6	4185896	NonCancer	0.00E+00	1.95E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
5161	ALL	651210	4185858	NonCancer	0.00E+00	1.93E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
5162	ALL	651227.4	4185820	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5163	ALL	651244.8	4185783	NonCancer	0.00E+00	1.91E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5164	ALL	651262.3	4185745	NonCancer	0.00E+00	1.90E-05	4.82E-04	0.00E+00	0.00E+00	4.82E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
5165	ALL	651279.7	4185707	NonCancer	0.00E+00	1.87E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
5166	ALL	651297.1	4185669	NonCancer	0.00E+00	1.88E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04
5167	ALL	651314.5	4185632	NonCancer	0.00E+00	1.87E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
5168	ALL	651331.9	4185594	NonCancer	0.00E+00	1.82E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5169	ALL	651349.4	4185556	NonCancer	0.00E+00	1.82E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5170	ALL	651366.8	4185518	NonCancer	0.00E+00	1.83E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5171	ALL	651384.2	4185480	NonCancer	0.00E+00	1.80E-05	4.58E-04	0.00E+00	0.00E+00	4.58E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.58E-04
5172	ALL	651401.6	4185443	NonCancer	0.00E+00	1.81E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
5173	ALL	651429.8	4185416	NonCancer	0.00E+00	1.82E-05	4.65E-04	0.00E+00	0.00E+00	4.65E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	4.65E-04
5174	ALL	651468.7	4185402	NonCancer	0.00E+00	1.82E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5175	ALL	651507.6	4185387	NonCancer	0.00E+00	2.15E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
5176	ALL	651546.5	4185372	NonCancer	0.00E+00	2.38E-05	6.00E-04	0.00E+00	0.00E+00	6.00E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	6.00E-04
5177	ALL	651585.4	4185357	NonCancer	0.00E+00	2.30E-05	5.80E-04	0.00E+00	0.00E+00	5.80E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04
5178	ALL	651624.3	4185343	NonCancer	0.00E+00	2.22E-05	5.66E-04	0.00E+00	0.00E+00	5.66E-04	2.22E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	5.66E-04
5179	ALL	651663.3	4185328	NonCancer	0.00E+00	2.37E-05	5.96E-04	0.00E+00	0.00E+00	5.96E-04	2.37E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	5.96E-04
5180	ALL	651702.2	4185313	NonCancer	0.00E+00	2.31E-05	5.79E-04	0.00E+00	0.00E+00	5.79E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	5.79E-04
5181	ALL	651741.1	4185299	NonCancer	0.00E+00	2.05E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
5182	ALL	651780	4185284	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5183	ALL	651818.9	4185269	NonCancer	0.00E+00	1.89E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5184	ALL	651857.8	4185254	NonCancer	0.00E+00	1.91E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
5185	ALL	651896.7	4185240	NonCancer	0.00E+00	1.94E-05	4.90E-04	0.00E+00	0.00E+00	4.90E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	4.90E-04
5186	ALL	651935.6	4185225	NonCancer	0.00E+00	1.90E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5187	ALL	651974.6	4185210	NonCancer	0.00E+00	1.90E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
5188	ALL	652013.5	4185196	NonCancer	0.00E+00	1.95E-05	4.94E-04	0.00E+00	0.00E+00	4.94E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	4.94E-04
5189	ALL	652052.4	4185181	NonCancer	0.00E+00	1.93E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
5190	ALL	652091.3	4185166	NonCancer	0.00E+00	1.92E-05	4.89E-04	0.00E+00	0.00E+00	4.89E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	4.89E-04
5191	ALL	652130.2	4185151	NonCancer	0.00E+00	1.97E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
5192	ALL	652169.1	4185137	NonCancer	0.00E+00	1.92E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5193	ALL	652208	4185122	NonCancer	0.00E+00	2.30E-05	6.32E-04	0.00E+00	0.00E+00	6.32E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	6.32E-04
5194	ALL	652246.9	4185107	NonCancer	0.00E+00	3.06E-05	8.04E-04	0.00E+00	0.00E+00	8.04E-04	3.06E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	8.04E-04
5195	ALL	652285.8	4185092	NonCancer	0.00E+00	3.65E-05	9.30E-04	0.00E+00	0.00E+00	9.30E-04	3.65E-05	0.00E+00	3.65E-05	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	9.30E-04
5196	ALL	652324.8	4185078	NonCancer	0.00E+00	3.88E-05	9.74E-04	0.00E+00	0.00E+00	9.74E-04	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	9.74E-04
5197	ALL	652363.7	4185063	NonCancer	0.00E+00	3.67E-05	9.21E-04	0.00E+00	0.00E+00	9.21E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	9.21E-04
5198	ALL	652402.6	4185048	NonCancer	0.00E+00	3.10E-05	7.85E-04	0.00E+00	0.00E+00	7.85E-04	3.10E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	7.85E-04
5199	ALL	652441.5	4185034	NonCancer	0.00E+00	2.33E-05	6.05E-04	0.00E+00	0.00E+00	6.05E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	6.05E-04

5200	ALL	652480.4	4185019	NonCancer	0.00E+00	1.98E-05	5.05E-04	0.00E+00	0.00E+00	5.05E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	5.05E-04
5201	ALL	652519.3	4185004	NonCancer	0.00E+00	2.05E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
5202	ALL	652558.2	4184989	NonCancer	0.00E+00	2.03E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
5203	ALL	652597.1	4184975	NonCancer	0.00E+00	1.84E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
5204	ALL	652636	4184960	NonCancer	0.00E+00	1.85E-05	4.74E-04	0.00E+00	0.00E+00	4.74E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	4.74E-04
5205	ALL	652675	4184945	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5206	ALL	652713.9	4184930	NonCancer	0.00E+00	1.93E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
5207	ALL	652752.8	4184916	NonCancer	0.00E+00	1.97E-05	5.00E-04	0.00E+00	0.00E+00	5.00E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	5.00E-04
5208	ALL	652791.7	4184901	NonCancer	0.00E+00	1.97E-05	4.99E-04	0.00E+00	0.00E+00	4.99E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	4.99E-04
5209	ALL	652830.6	4184886	NonCancer	0.00E+00	1.94E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5210	ALL	652869.5	4184872	NonCancer	0.00E+00	1.94E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.94E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
5211	ALL	652908.4	4184857	NonCancer	0.00E+00	1.98E-05	5.04E-04	0.00E+00	0.00E+00	5.04E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	5.04E-04
5212	ALL	652947.3	4184842	NonCancer	0.00E+00	2.01E-05	5.09E-04	0.00E+00	0.00E+00	5.09E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	5.09E-04
5213	ALL	652986.3	4184827	NonCancer	0.00E+00	1.95E-05	4.97E-04	0.00E+00	0.00E+00	4.97E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	4.97E-04
5214	ALL	653025.2	4184813	NonCancer	0.00E+00	1.97E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.97E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
5215	ALL	653064.1	4184798	NonCancer	0.00E+00	2.14E-05	5.52E-04	0.00E+00	0.00E+00	5.52E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	5.52E-04
5216	ALL	653103	4184783	NonCancer	0.00E+00	2.39E-05	6.03E-04	0.00E+00	0.00E+00	6.03E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	6.03E-04
5217	ALL	653141.9	4184768	NonCancer	0.00E+00	2.33E-05	5.84E-04	0.00E+00	0.00E+00	5.84E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	5.84E-04
5218	ALL	653180.8	4184754	NonCancer	0.00E+00	1.98E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5219	ALL	653219.7	4184739	NonCancer	0.00E+00	2.02E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
5220	ALL	653258.6	4184724	NonCancer	0.00E+00	2.01E-05	5.15E-04	0.00E+00	0.00E+00	5.15E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	5.15E-04
5221	ALL	653297.5	4184710	NonCancer	0.00E+00	2.00E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
5222	ALL	653336.5	4184695	NonCancer	0.00E+00	1.92E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5223	ALL	653375.4	4184680	NonCancer	0.00E+00	1.90E-05	4.85E-04	0.00E+00	0.00E+00	4.85E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	4.85E-04
5224	ALL	653414.3	4184665	NonCancer	0.00E+00	2.04E-05	5.18E-04	0.00E+00	0.00E+00	5.18E-04	2.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	5.18E-04
5225	ALL	653453.2	4184651	NonCancer	0.00E+00	2.10E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04
5226	ALL	653492.1	4184636	NonCancer	0.00E+00	1.93E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
5227	ALL	653531	4184621	NonCancer	0.00E+00	1.84E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
5228	ALL	653569.9	4184606	NonCancer	0.00E+00	1.72E-05	4.40E-04	0.00E+00	0.00E+00	4.40E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	4.40E-04
5229	ALL	653608.8	4184592	NonCancer	0.00E+00	1.69E-05	4.42E-04	0.00E+00	0.00E+00	4.42E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	4.42E-04
5230	ALL	653647.8	4184577	NonCancer	0.00E+00	1.84E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5231	ALL	653686.7	4184562	NonCancer	0.00E+00	2.09E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
5232	ALL	653725.6	4184548	NonCancer	0.00E+00	2.19E-05	5.57E-04	0.00E+00	0.00E+00	5.57E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	5.57E-04
5233	ALL	650346.7	4187749	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5234	ALL	650344.9	4187791	NonCancer	0.00E+00	1.98E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
5235	ALL	650343.1	4187833	NonCancer	0.00E+00	1.88E-05	4.81E-04	0.00E+00	0.00E+00	4.81E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	4.81E-04
5236	ALL	649856.8	4187688	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
5237	ALL	649874.3	4187650	NonCancer	0.00E+00	1.55E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
5238	ALL	649891.7	4187612	NonCancer	0.00E+00	1.57E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5239	ALL	649909.2	4187574	NonCancer	0.00E+00	1.64E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5240	ALL	649926.6	4187536	NonCancer	0.00E+00	1.62E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5241	ALL	649944.1	4187499	NonCancer	0.00E+00	1.65E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5242	ALL	649961.5	4187461	NonCancer	0.00E+00	1.61E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5243	ALL	649979	4187423	NonCancer	0.00E+00	1.64E-05	4.18E-04	0.00E+00	0.00E+00	4.18E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	4.18E-04
5244	ALL	649996.4	4187385	NonCancer	0.00E+00	1.69E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
5245	ALL	650013.9	4187347	NonCancer	0.00E+00	1.67E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5246	ALL	650031.3	4187309	NonCancer	0.00E+00	1.55E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
5247	ALL	650048.8	4187272	NonCancer	0.00E+00	1.52E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
5248	ALL	650066.2	4187234	NonCancer	0.00E+00	1.64E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5249	ALL	650083.7	4187196	NonCancer	0.00E+00	1.72E-05	4.37E-04	0.00E+00	0.00E+00	4.37E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	4.37E-04

5250	ALL	650101.1	4187158	NonCancer	0.00E+00	1.69E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
5251	ALL	650118.6	4187120	NonCancer	0.00E+00	1.62E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5252	ALL	650136	4187082	NonCancer	0.00E+00	1.76E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
5253	ALL	650153.4	4187045	NonCancer	0.00E+00	1.78E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5254	ALL	650170.9	4187007	NonCancer	0.00E+00	2.21E-05	5.93E-04	0.00E+00	0.00E+00	5.93E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
5255	ALL	650188.3	4186969	NonCancer	0.00E+00	2.82E-05	7.31E-04	0.00E+00	0.00E+00	7.31E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	7.31E-04
5256	ALL	650205.8	4186931	NonCancer	0.00E+00	3.17E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.17E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
5257	ALL	650223.2	4186893	NonCancer	0.00E+00	3.28E-05	8.25E-04	0.00E+00	0.00E+00	8.25E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	8.25E-04
5258	ALL	650240.7	4186855	NonCancer	0.00E+00	3.18E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.18E-05	0.00E+00	3.18E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
5259	ALL	650258.1	4186817	NonCancer	0.00E+00	2.80E-05	7.12E-04	0.00E+00	0.00E+00	7.12E-04	2.80E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	7.12E-04
5260	ALL	650275.6	4186780	NonCancer	0.00E+00	2.26E-05	5.86E-04	0.00E+00	0.00E+00	5.86E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	5.86E-04
5261	ALL	650293	4186742	NonCancer	0.00E+00	1.80E-05	4.71E-04	0.00E+00	0.00E+00	4.71E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	4.71E-04
5262	ALL	650310.5	4186704	NonCancer	0.00E+00	1.80E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5263	ALL	650327.9	4186666	NonCancer	0.00E+00	1.70E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
5264	ALL	650345.4	4186628	NonCancer	0.00E+00	1.61E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5265	ALL	650362.8	4186590	NonCancer	0.00E+00	1.69E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
5266	ALL	650380.3	4186553	NonCancer	0.00E+00	1.79E-05	4.54E-04	0.00E+00	0.00E+00	4.54E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	4.54E-04
5267	ALL	650397.7	4186515	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5268	ALL	650415.2	4186477	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5269	ALL	650432.6	4186439	NonCancer	0.00E+00	1.78E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5270	ALL	650450	4186401	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5271	ALL	650467.5	4186363	NonCancer	0.00E+00	1.79E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5272	ALL	650484.9	4186326	NonCancer	0.00E+00	1.71E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
5273	ALL	650502.4	4186288	NonCancer	0.00E+00	1.74E-05	4.44E-04	0.00E+00	0.00E+00	4.44E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	4.44E-04
5274	ALL	650519.8	4186250	NonCancer	0.00E+00	1.78E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
5275	ALL	650537.3	4186212	NonCancer	0.00E+00	1.70E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
5276	ALL	650554.7	4186174	NonCancer	0.00E+00	1.74E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
5277	ALL	650572.2	4186136	NonCancer	0.00E+00	1.80E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
5278	ALL	650589.6	4186099	NonCancer	0.00E+00	1.71E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
5279	ALL	650607.1	4186061	NonCancer	0.00E+00	1.67E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
5280	ALL	650624.5	4186023	NonCancer	0.00E+00	1.64E-05	4.17E-04	0.00E+00	0.00E+00	4.17E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	4.17E-04
5281	ALL	650642	4185985	NonCancer	0.00E+00	1.60E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5282	ALL	650659.4	4185947	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
5283	ALL	650676.9	4185909	NonCancer	0.00E+00	1.63E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5284	ALL	650694.3	4185872	NonCancer	0.00E+00	1.59E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5285	ALL	650711.7	4185834	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5286	ALL	650729.2	4185796	NonCancer	0.00E+00	1.62E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5287	ALL	650746.6	4185758	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5288	ALL	650764.1	4185720	NonCancer	0.00E+00	1.62E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
5289	ALL	650781.5	4185682	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
5290	ALL	650799	4185644	NonCancer	0.00E+00	1.55E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
5291	ALL	650816.4	4185607	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5292	ALL	650833.9	4185569	NonCancer	0.00E+00	1.57E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5293	ALL	650851.3	4185531	NonCancer	0.00E+00	1.59E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5294	ALL	650868.8	4185493	NonCancer	0.00E+00	1.58E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5295	ALL	650886.2	4185455	NonCancer	0.00E+00	1.56E-05	3.96E-04	0.00E+00	0.00E+00	3.96E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	3.96E-04
5296	ALL	650903.7	4185417	NonCancer	0.00E+00	1.56E-05	3.97E-04	0.00E+00	0.00E+00	3.97E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	3.97E-04
5297	ALL	650921.1	4185380	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5298	ALL	650938.6	4185342	NonCancer	0.00E+00	1.55E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
5299	ALL	650956	4185304	NonCancer	0.00E+00	1.53E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04

5300	ALL	650973.5	4185266	NonCancer	0.00E+00	1.52E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
5301	ALL	650990.9	4185228	NonCancer	0.00E+00	1.51E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
5302	ALL	651008.3	4185190	NonCancer	0.00E+00	1.47E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
5303	ALL	651025.8	4185153	NonCancer	0.00E+00	1.50E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
5304	ALL	651043.2	4185115	NonCancer	0.00E+00	1.48E-05	3.77E-04	0.00E+00	0.00E+00	3.77E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	3.77E-04
5305	ALL	651060.7	4185077	NonCancer	0.00E+00	1.49E-05	3.78E-04	0.00E+00	0.00E+00	3.78E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	3.78E-04
5306	ALL	651088.9	4185051	NonCancer	0.00E+00	1.50E-05	3.85E-04	0.00E+00	0.00E+00	3.85E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	3.85E-04
5307	ALL	651127.9	4185036	NonCancer	0.00E+00	1.52E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5308	ALL	651166.8	4185021	NonCancer	0.00E+00	1.76E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
5309	ALL	651205.8	4185006	NonCancer	0.00E+00	2.06E-05	5.24E-04	0.00E+00	0.00E+00	5.24E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	5.24E-04
5310	ALL	651244.8	4184992	NonCancer	0.00E+00	2.16E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5311	ALL	651283.7	4184977	NonCancer	0.00E+00	2.03E-05	5.14E-04	0.00E+00	0.00E+00	5.14E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	5.14E-04
5312	ALL	651322.7	4184962	NonCancer	0.00E+00	2.01E-05	5.12E-04	0.00E+00	0.00E+00	5.12E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.12E-04
5313	ALL	651361.7	4184947	NonCancer	0.00E+00	2.14E-05	5.40E-04	0.00E+00	0.00E+00	5.40E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	5.40E-04
5314	ALL	651400.7	4184933	NonCancer	0.00E+00	2.11E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
5315	ALL	651439.6	4184918	NonCancer	0.00E+00	1.92E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5316	ALL	651478.6	4184903	NonCancer	0.00E+00	1.67E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
5317	ALL	651517.6	4184888	NonCancer	0.00E+00	1.69E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5318	ALL	651556.5	4184874	NonCancer	0.00E+00	1.58E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
5319	ALL	651595.5	4184859	NonCancer	0.00E+00	1.57E-05	3.99E-04	0.00E+00	0.00E+00	3.99E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	3.99E-04
5320	ALL	651634.5	4184844	NonCancer	0.00E+00	1.60E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
5321	ALL	651673.4	4184829	NonCancer	0.00E+00	1.57E-05	3.98E-04	0.00E+00	0.00E+00	3.98E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	3.98E-04
5322	ALL	651712.4	4184815	NonCancer	0.00E+00	1.58E-05	4.02E-04	0.00E+00	0.00E+00	4.02E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5323	ALL	651751.4	4184800	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5324	ALL	651790.4	4184785	NonCancer	0.00E+00	1.57E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
5325	ALL	651829.3	4184770	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
5326	ALL	651868.3	4184756	NonCancer	0.00E+00	1.61E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5327	ALL	651907.3	4184741	NonCancer	0.00E+00	1.62E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
5328	ALL	651946.2	4184726	NonCancer	0.00E+00	1.60E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
5329	ALL	651985.2	4184711	NonCancer	0.00E+00	1.95E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5330	ALL	652024.2	4184697	NonCancer	0.00E+00	2.59E-05	6.86E-04	0.00E+00	0.00E+00	6.86E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
5331	ALL	652063.1	4184682	NonCancer	0.00E+00	3.13E-05	8.05E-04	0.00E+00	0.00E+00	8.05E-04	3.13E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	8.05E-04
5332	ALL	652102.1	4184667	NonCancer	0.00E+00	3.45E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
5333	ALL	652141.1	4184652	NonCancer	0.00E+00	3.45E-05	8.66E-04	0.00E+00	0.00E+00	8.66E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	8.66E-04
5334	ALL	652180.1	4184638	NonCancer	0.00E+00	3.14E-05	7.91E-04	0.00E+00	0.00E+00	7.91E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	7.91E-04
5335	ALL	652219	4184623	NonCancer	0.00E+00	2.59E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5336	ALL	652258	4184608	NonCancer	0.00E+00	1.95E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
5337	ALL	652297	4184593	NonCancer	0.00E+00	1.63E-05	4.19E-04	0.00E+00	0.00E+00	4.19E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	4.19E-04
5338	ALL	652335.9	4184579	NonCancer	0.00E+00	1.68E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
5339	ALL	652374.9	4184564	NonCancer	0.00E+00	1.70E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
5340	ALL	652413.9	4184549	NonCancer	0.00E+00	1.59E-05	4.04E-04	0.00E+00	0.00E+00	4.04E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	4.04E-04
5341	ALL	652452.8	4184534	NonCancer	0.00E+00	1.50E-05	3.83E-04	0.00E+00	0.00E+00	3.83E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	3.83E-04
5342	ALL	652491.8	4184520	NonCancer	0.00E+00	1.53E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5343	ALL	652530.8	4184505	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5344	ALL	652569.8	4184490	NonCancer	0.00E+00	1.59E-05	4.05E-04	0.00E+00	0.00E+00	4.05E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	4.05E-04
5345	ALL	652608.7	4184475	NonCancer	0.00E+00	1.63E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5346	ALL	652647.7	4184461	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5347	ALL	652686.7	4184446	NonCancer	0.00E+00	1.60E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5348	ALL	652725.6	4184431	NonCancer	0.00E+00	1.62E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
5349	ALL	652764.6	4184416	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04

5350	ALL	652803.6	4184402	NonCancer	0.00E+00	1.62E-05	4.13E-04	0.00E+00	0.00E+00	4.13E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	4.13E-04
5351	ALL	652842.5	4184387	NonCancer	0.00E+00	1.66E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
5352	ALL	652881.5	4184372	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
5353	ALL	652920.5	4184357	NonCancer	0.00E+00	1.63E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
5354	ALL	652959.4	4184343	NonCancer	0.00E+00	1.84E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5355	ALL	652998.4	4184328	NonCancer	0.00E+00	2.10E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
5356	ALL	653037.4	4184313	NonCancer	0.00E+00	2.14E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
5357	ALL	653076.4	4184299	NonCancer	0.00E+00	1.95E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
5358	ALL	653115.3	4184284	NonCancer	0.00E+00	1.62E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5359	ALL	653154.3	4184269	NonCancer	0.00E+00	1.67E-05	4.25E-04	0.00E+00	0.00E+00	4.25E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	4.25E-04
5360	ALL	653193.3	4184254	NonCancer	0.00E+00	1.65E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.65E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5361	ALL	653232.2	4184240	NonCancer	0.00E+00	1.64E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5362	ALL	653271.2	4184225	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5363	ALL	653310.2	4184210	NonCancer	0.00E+00	1.56E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5364	ALL	653349.1	4184195	NonCancer	0.00E+00	1.74E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
5365	ALL	653388.1	4184181	NonCancer	0.00E+00	1.89E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5366	ALL	653427.1	4184166	NonCancer	0.00E+00	1.86E-05	4.66E-04	0.00E+00	0.00E+00	4.66E-04	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	4.66E-04
5367	ALL	653466.1	4184151	NonCancer	0.00E+00	1.67E-05	4.20E-04	0.00E+00	0.00E+00	4.20E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	4.20E-04
5368	ALL	653505	4184136	NonCancer	0.00E+00	1.51E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
5369	ALL	653544	4184122	NonCancer	0.00E+00	1.46E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
5370	ALL	653583	4184107	NonCancer	0.00E+00	1.38E-05	3.60E-04	0.00E+00	0.00E+00	3.60E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	3.60E-04
5371	ALL	653621.9	4184092	NonCancer	0.00E+00	1.41E-05	3.74E-04	0.00E+00	0.00E+00	3.74E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	3.74E-04
5372	ALL	653660.9	4184077	NonCancer	0.00E+00	1.63E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
5373	ALL	653699.9	4184063	NonCancer	0.00E+00	1.77E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5374	ALL	653738.8	4184048	NonCancer	0.00E+00	1.81E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
5375	ALL	649847.2	4187728	NonCancer	0.00E+00	1.58E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5376	ALL	649845.4	4187769	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5377	ALL	649843.6	4187811	NonCancer	0.00E+00	1.54E-05	3.95E-04	0.00E+00	0.00E+00	3.95E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	3.95E-04
5378	ALL	653669	4187987	NonCancer	0.00E+00	3.58E-03	9.35E-02	0.00E+00	0.00E+00	9.35E-02	3.58E-03	0.00E+00	3.58E-03	0.00E+00	0.00E+00	9.35E-02	0.00E+00	0.00E+00	9.35E-02
5379	ALL	653652.2	4188006	NonCancer	0.00E+00	2.46E-03	6.65E-02	0.00E+00	0.00E+00	6.65E-02	2.46E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	6.65E-02	0.00E+00	0.00E+00	6.65E-02
5380	ALL	653635.4	4188024	NonCancer	0.00E+00	1.66E-03	4.59E-02	0.00E+00	0.00E+00	4.59E-02	1.66E-03	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	4.59E-02
5381	ALL	653618	4188041	NonCancer	0.00E+00	1.17E-03	3.17E-02	0.00E+00	0.00E+00	3.17E-02	1.17E-03	0.00E+00	1.17E-03	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	3.17E-02
5382	ALL	653608.6	4188019	NonCancer	0.00E+00	1.60E-03	4.24E-02	0.00E+00	0.00E+00	4.24E-02	1.60E-03	0.00E+00	1.60E-03	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	4.24E-02
5383	ALL	653599.3	4187997	NonCancer	0.00E+00	1.53E-03	4.05E-02	0.00E+00	0.00E+00	4.05E-02	1.53E-03	0.00E+00	1.53E-03	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	4.05E-02
5384	ALL	653631.7	4188061	NonCancer	0.00E+00	1.07E-03	2.94E-02	0.00E+00	0.00E+00	2.94E-02	1.07E-03	0.00E+00	1.07E-03	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	2.94E-02
5385	ALL	653584.5	4188079	NonCancer	0.00E+00	7.44E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	7.44E-04	0.00E+00	7.44E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
5386	ALL	653575.6	4188058	NonCancer	0.00E+00	9.49E-04	2.54E-02	0.00E+00	0.00E+00	2.54E-02	9.49E-04	0.00E+00	9.49E-04	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	2.54E-02
5387	ALL	653566.7	4188036	NonCancer	0.00E+00	1.11E-03	2.91E-02	0.00E+00	0.00E+00	2.91E-02	1.11E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	2.91E-02
5388	ALL	653557.8	4188015	NonCancer	0.00E+00	1.05E-03	2.75E-02	0.00E+00	0.00E+00	2.75E-02	1.05E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.75E-02	0.00E+00	0.00E+00	2.75E-02
5389	ALL	653549	4187994	NonCancer	0.00E+00	1.08E-03	2.81E-02	0.00E+00	0.00E+00	2.81E-02	1.08E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	2.81E-02	0.00E+00	0.00E+00	2.81E-02
5390	ALL	653598.1	4188098	NonCancer	0.00E+00	7.34E-04	1.97E-02	0.00E+00	0.00E+00	1.97E-02	7.34E-04	0.00E+00	7.34E-04	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.97E-02
5391	ALL	653550.7	4188115	NonCancer	0.00E+00	5.50E-04	1.46E-02	0.00E+00	0.00E+00	1.46E-02	5.50E-04	0.00E+00	5.50E-04	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	1.46E-02
5392	ALL	653541.3	4188093	NonCancer	0.00E+00	5.97E-04	1.57E-02	0.00E+00	0.00E+00	1.57E-02	5.97E-04	0.00E+00	5.97E-04	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.57E-02
5393	ALL	653532	4188071	NonCancer	0.00E+00	7.54E-04	1.99E-02	0.00E+00	0.00E+00	1.99E-02	7.54E-04	0.00E+00	7.54E-04	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.99E-02
5394	ALL	653522.7	4188048	NonCancer	0.00E+00	8.37E-04	2.18E-02	0.00E+00	0.00E+00	2.18E-02	8.37E-04	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	2.18E-02
5395	ALL	653513.4	4188026	NonCancer	0.00E+00	7.87E-04	2.05E-02	0.00E+00	0.00E+00	2.05E-02	7.87E-04	0.00E+00	7.87E-04	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	2.05E-02
5396	ALL	653504.1	4188004	NonCancer	0.00E+00	7.98E-04	2.07E-02	0.00E+00	0.00E+00	2.07E-02	7.98E-04	0.00E+00	7.98E-04	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	2.07E-02
5397	ALL	653517.1	4188153	NonCancer	0.00E+00	4.38E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.38E-04	0.00E+00	4.38E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
5398	ALL	653508.1	4188131	NonCancer	0.00E+00	4.42E-04	1.16E-02	0.00E+00	0.00E+00	1.16E-02	4.42E-04	0.00E+00	4.42E-04	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.16E-02
5399	ALL	653499	4188109	NonCancer	0.00E+00	5.02E-04	1.33E-02	0.00E+00	0.00E+00	1.33E-02	5.02E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	1.33E-02

5400	ALL	653490	4188087	NonCancer	0.00E+00	6.01E-04	1.58E-02	0.00E+00	0.00E+00	1.58E-02	6.01E-04	0.00E+00	6.01E-04	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.58E-02
5401	ALL	653480.9	4188066	NonCancer	0.00E+00	6.58E-04	1.71E-02	0.00E+00	0.00E+00	1.71E-02	6.58E-04	0.00E+00	6.58E-04	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.71E-02
5402	ALL	653471.9	4188044	NonCancer	0.00E+00	6.31E-04	1.63E-02	0.00E+00	0.00E+00	1.63E-02	6.31E-04	0.00E+00	6.31E-04	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.63E-02
5403	ALL	653462.8	4188022	NonCancer	0.00E+00	5.77E-04	1.52E-02	0.00E+00	0.00E+00	1.52E-02	5.77E-04	0.00E+00	5.77E-04	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	1.52E-02
5404	ALL	653453.7	4188000	NonCancer	0.00E+00	6.28E-04	1.62E-02	0.00E+00	0.00E+00	1.62E-02	6.28E-04	0.00E+00	6.28E-04	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.62E-02
5405	ALL	653483.4	4188189	NonCancer	0.00E+00	3.49E-04	9.04E-03	0.00E+00	0.00E+00	9.04E-03	3.49E-04	0.00E+00	3.49E-04	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	9.04E-03
5406	ALL	653474	4188167	NonCancer	0.00E+00	3.49E-04	9.11E-03	0.00E+00	0.00E+00	9.11E-03	3.49E-04	0.00E+00	3.49E-04	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	9.11E-03
5407	ALL	653464.7	4188145	NonCancer	0.00E+00	3.79E-04	9.86E-03	0.00E+00	0.00E+00	9.86E-03	3.79E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	9.86E-03	0.00E+00	0.00E+00	9.86E-03
5408	ALL	653455.4	4188122	NonCancer	0.00E+00	4.64E-04	1.21E-02	0.00E+00	0.00E+00	1.21E-02	4.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.21E-02
5409	ALL	653446.1	4188100	NonCancer	0.00E+00	5.18E-04	1.35E-02	0.00E+00	0.00E+00	1.35E-02	5.18E-04	0.00E+00	5.18E-04	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	1.35E-02
5410	ALL	653436.8	4188078	NonCancer	0.00E+00	5.32E-04	1.38E-02	0.00E+00	0.00E+00	1.38E-02	5.32E-04	0.00E+00	5.32E-04	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.38E-02
5411	ALL	653427.5	4188055	NonCancer	0.00E+00	5.01E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.01E-04	0.00E+00	5.01E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
5412	ALL	653418.2	4188033	NonCancer	0.00E+00	4.71E-04	1.23E-02	0.00E+00	0.00E+00	1.23E-02	4.71E-04	0.00E+00	4.71E-04	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	1.23E-02
5413	ALL	653408.8	4188010	NonCancer	0.00E+00	5.02E-04	1.30E-02	0.00E+00	0.00E+00	1.30E-02	5.02E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.30E-02
5414	ALL	653399.5	4187988	NonCancer	0.00E+00	4.92E-04	1.27E-02	0.00E+00	0.00E+00	1.27E-02	4.92E-04	0.00E+00	4.92E-04	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.27E-02
5415	ALL	653449.8	4188227	NonCancer	0.00E+00	2.79E-04	7.29E-03	0.00E+00	0.00E+00	7.29E-03	2.79E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	7.29E-03
5416	ALL	653440.7	4188205	NonCancer	0.00E+00	2.87E-04	7.52E-03	0.00E+00	0.00E+00	7.52E-03	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	7.52E-03
5417	ALL	653431.5	4188183	NonCancer	0.00E+00	3.00E-04	7.81E-03	0.00E+00	0.00E+00	7.81E-03	3.00E-04	0.00E+00	3.00E-04	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	7.81E-03
5418	ALL	653422.4	4188161	NonCancer	0.00E+00	3.19E-04	8.37E-03	0.00E+00	0.00E+00	8.37E-03	3.19E-04	0.00E+00	3.19E-04	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	8.37E-03
5419	ALL	653413.3	4188139	NonCancer	0.00E+00	3.89E-04	1.01E-02	0.00E+00	0.00E+00	1.01E-02	3.89E-04	0.00E+00	3.89E-04	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.01E-02
5420	ALL	653404.2	4188117	NonCancer	0.00E+00	4.38E-04	1.14E-02	0.00E+00	0.00E+00	1.14E-02	4.38E-04	0.00E+00	4.38E-04	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.14E-02
5421	ALL	653395	4188095	NonCancer	0.00E+00	4.45E-04	1.15E-02	0.00E+00	0.00E+00	1.15E-02	4.45E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.15E-02
5422	ALL	653385.9	4188073	NonCancer	0.00E+00	4.33E-04	1.11E-02	0.00E+00	0.00E+00	1.11E-02	4.33E-04	0.00E+00	4.33E-04	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.11E-02
5423	ALL	653376.8	4188051	NonCancer	0.00E+00	4.07E-04	1.05E-02	0.00E+00	0.00E+00	1.05E-02	4.07E-04	0.00E+00	4.07E-04	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	1.05E-02
5424	ALL	653367.6	4188029	NonCancer	0.00E+00	4.16E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.16E-04	0.00E+00	4.16E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
5425	ALL	653358.5	4188007	NonCancer	0.00E+00	4.21E-04	1.08E-02	0.00E+00	0.00E+00	1.08E-02	4.21E-04	0.00E+00	4.21E-04	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	1.08E-02
5426	ALL	653349.4	4187985	NonCancer	0.00E+00	4.17E-04	1.07E-02	0.00E+00	0.00E+00	1.07E-02	4.17E-04	0.00E+00	4.17E-04	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.07E-02
5427	ALL	653382.3	4188300	NonCancer	0.00E+00	2.04E-04	5.30E-03	0.00E+00	0.00E+00	5.30E-03	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	5.30E-03
5428	ALL	653372.9	4188277	NonCancer	0.00E+00	2.20E-04	5.66E-03	0.00E+00	0.00E+00	5.66E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	5.66E-03
5429	ALL	653363.4	4188255	NonCancer	0.00E+00	2.14E-04	5.51E-03	0.00E+00	0.00E+00	5.51E-03	2.14E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	5.51E-03
5430	ALL	653353.9	4188232	NonCancer	0.00E+00	2.24E-04	5.78E-03	0.00E+00	0.00E+00	5.78E-03	2.24E-04	0.00E+00	2.24E-04	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	5.78E-03
5431	ALL	653344.5	4188209	NonCancer	0.00E+00	2.34E-04	6.09E-03	0.00E+00	0.00E+00	6.09E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	6.09E-03
5432	ALL	653335	4188186	NonCancer	0.00E+00	2.88E-04	7.41E-03	0.00E+00	0.00E+00	7.41E-03	2.88E-04	0.00E+00	2.88E-04	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	7.41E-03
5433	ALL	653325.5	4188164	NonCancer	0.00E+00	2.98E-04	7.78E-03	0.00E+00	0.00E+00	7.78E-03	2.98E-04	0.00E+00	2.98E-04	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	7.78E-03
5434	ALL	653316.1	4188141	NonCancer	0.00E+00	3.24E-04	8.36E-03	0.00E+00	0.00E+00	8.36E-03	3.24E-04	0.00E+00	3.24E-04	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	8.36E-03
5435	ALL	653306.6	4188118	NonCancer	0.00E+00	3.27E-04	8.38E-03	0.00E+00	0.00E+00	8.38E-03	3.27E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	8.38E-03
5436	ALL	653297.1	4188096	NonCancer	0.00E+00	3.09E-04	7.94E-03	0.00E+00	0.00E+00	7.94E-03	3.09E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	7.94E-03
5437	ALL	653287.7	4188073	NonCancer	0.00E+00	3.00E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	3.00E-04	0.00E+00	3.00E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
5438	ALL	653278.2	4188050	NonCancer	0.00E+00	2.96E-04	7.69E-03	0.00E+00	0.00E+00	7.69E-03	2.96E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	7.69E-03
5439	ALL	653268.7	4188027	NonCancer	0.00E+00	3.10E-04	7.97E-03	0.00E+00	0.00E+00	7.97E-03	3.10E-04	0.00E+00	3.10E-04	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	7.97E-03
5440	ALL	653259.3	4188005	NonCancer	0.00E+00	3.10E-04	7.95E-03	0.00E+00	0.00E+00	7.95E-03	3.10E-04	0.00E+00	3.10E-04	0.00E+00	0.00E+00	7.95E-03	0.00E+00	0.00E+00	7.95E-03
5441	ALL	653249.8	4187982	NonCancer	0.00E+00	2.99E-04	7.68E-03	0.00E+00	0.00E+00	7.68E-03	2.99E-04	0.00E+00	2.99E-04	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	7.68E-03
5442	ALL	653396.2	4188320	NonCancer	0.00E+00	2.07E-04	5.38E-03	0.00E+00	0.00E+00	5.38E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	5.38E-03
5443	ALL	653315	4188374	NonCancer	0.00E+00	1.61E-04	4.16E-03	0.00E+00	0.00E+00	4.16E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	4.16E-03
5444	ALL	653305.6	4188351	NonCancer	0.00E+00	1.65E-04	4.22E-03	0.00E+00	0.00E+00	4.22E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	4.22E-03
5445	ALL	653296.2	4188329	NonCancer	0.00E+00	1.66E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03
5446	ALL	653286.7	4188306	NonCancer	0.00E+00	1.67E-04	4.29E-03	0.00E+00	0.00E+00	4.29E-03	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	4.29E-03
5447	ALL	653277.3	4188283	NonCancer	0.00E+00	1.76E-04	4.52E-03	0.00E+00	0.00E+00	4.52E-03	1.76E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	4.52E-03
5448	ALL	653267.8	4188261	NonCancer	0.00E+00	1.82E-04	4.70E-03	0.00E+00	0.00E+00	4.70E-03	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	4.70E-03
5449	ALL	653258.4	4188238	NonCancer	0.00E+00	2.19E-04	5.63E-03	0.00E+00	0.00E+00	5.63E-03	2.19E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	5.63E-03

5450	ALL	653249	4188215	NonCancer	0.00E+00	2.34E-04	6.01E-03	0.00E+00	0.00E+00	6.01E-03	2.34E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	6.01E-03
5451	ALL	653239.5	4188193	NonCancer	0.00E+00	2.51E-04	6.46E-03	0.00E+00	0.00E+00	6.46E-03	2.51E-04	0.00E+00	2.51E-04	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	6.46E-03
5452	ALL	653230.1	4188170	NonCancer	0.00E+00	2.57E-04	6.59E-03	0.00E+00	0.00E+00	6.59E-03	2.57E-04	0.00E+00	2.57E-04	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	6.59E-03
5453	ALL	653220.7	4188147	NonCancer	0.00E+00	2.54E-04	6.50E-03	0.00E+00	0.00E+00	6.50E-03	2.54E-04	0.00E+00	2.54E-04	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	6.50E-03
5454	ALL	653211.2	4188125	NonCancer	0.00E+00	2.45E-04	6.27E-03	0.00E+00	0.00E+00	6.27E-03	2.45E-04	0.00E+00	2.45E-04	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	6.27E-03
5455	ALL	653201.8	4188102	NonCancer	0.00E+00	2.39E-04	6.12E-03	0.00E+00	0.00E+00	6.12E-03	2.39E-04	0.00E+00	2.39E-04	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	6.12E-03
5456	ALL	653192.4	4188079	NonCancer	0.00E+00	2.20E-04	5.70E-03	0.00E+00	0.00E+00	5.70E-03	2.20E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	5.70E-03
5457	ALL	653182.9	4188057	NonCancer	0.00E+00	2.42E-04	6.21E-03	0.00E+00	0.00E+00	6.21E-03	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	6.21E-03
5458	ALL	653173.5	4188034	NonCancer	0.00E+00	2.44E-04	6.24E-03	0.00E+00	0.00E+00	6.24E-03	2.44E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	6.24E-03
5459	ALL	653164	4188011	NonCancer	0.00E+00	2.41E-04	6.17E-03	0.00E+00	0.00E+00	6.17E-03	2.41E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	6.17E-03
5460	ALL	653154.6	4187989	NonCancer	0.00E+00	2.36E-04	6.03E-03	0.00E+00	0.00E+00	6.03E-03	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	6.03E-03
5461	ALL	653328.9	4188394	NonCancer	0.00E+00	1.60E-04	4.14E-03	0.00E+00	0.00E+00	4.14E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	4.14E-03
5462	ALL	653247.7	4188448	NonCancer	0.00E+00	1.32E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
5463	ALL	653238.3	4188426	NonCancer	0.00E+00	1.28E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.28E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
5464	ALL	653228.9	4188403	NonCancer	0.00E+00	1.39E-04	3.56E-03	0.00E+00	0.00E+00	3.56E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	3.56E-03
5465	ALL	653219.5	4188380	NonCancer	0.00E+00	1.32E-04	3.41E-03	0.00E+00	0.00E+00	3.41E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	3.41E-03
5466	ALL	653210.1	4188358	NonCancer	0.00E+00	1.36E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
5467	ALL	653200.7	4188335	NonCancer	0.00E+00	1.43E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.43E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
5468	ALL	653191.2	4188312	NonCancer	0.00E+00	1.48E-04	3.80E-03	0.00E+00	0.00E+00	3.80E-03	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	3.80E-03
5469	ALL	653181.8	4188290	NonCancer	0.00E+00	1.69E-04	4.36E-03	0.00E+00	0.00E+00	4.36E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	4.36E-03
5470	ALL	653172.4	4188267	NonCancer	0.00E+00	1.80E-04	4.63E-03	0.00E+00	0.00E+00	4.63E-03	1.80E-04	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	4.63E-03
5471	ALL	653163	4188245	NonCancer	0.00E+00	1.87E-04	4.84E-03	0.00E+00	0.00E+00	4.84E-03	1.87E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	4.84E-03
5472	ALL	653153.6	4188222	NonCancer	0.00E+00	2.07E-04	5.30E-03	0.00E+00	0.00E+00	5.30E-03	2.07E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	5.30E-03
5473	ALL	653144.1	4188199	NonCancer	0.00E+00	2.08E-04	5.32E-03	0.00E+00	0.00E+00	5.32E-03	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	5.32E-03
5474	ALL	653134.7	4188177	NonCancer	0.00E+00	2.05E-04	5.24E-03	0.00E+00	0.00E+00	5.24E-03	2.05E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	5.24E-03
5475	ALL	653125.3	4188154	NonCancer	0.00E+00	2.01E-04	5.13E-03	0.00E+00	0.00E+00	5.13E-03	2.01E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	5.13E-03
5476	ALL	653115.9	4188131	NonCancer	0.00E+00	1.96E-04	5.00E-03	0.00E+00	0.00E+00	5.00E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	5.00E-03
5477	ALL	653106.5	4188109	NonCancer	0.00E+00	1.85E-04	4.71E-03	0.00E+00	0.00E+00	4.71E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	4.71E-03
5478	ALL	653097.1	4188086	NonCancer	0.00E+00	1.85E-04	4.78E-03	0.00E+00	0.00E+00	4.78E-03	1.85E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	4.78E-03
5479	ALL	653087.6	4188064	NonCancer	0.00E+00	1.97E-04	5.04E-03	0.00E+00	0.00E+00	5.04E-03	1.97E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	5.04E-03
5480	ALL	653078.2	4188041	NonCancer	0.00E+00	1.96E-04	5.02E-03	0.00E+00	0.00E+00	5.02E-03	1.96E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	5.02E-03
5481	ALL	653068.8	4188018	NonCancer	0.00E+00	1.95E-04	4.98E-03	0.00E+00	0.00E+00	4.98E-03	1.95E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	4.98E-03
5482	ALL	653059.4	4187996	NonCancer	0.00E+00	1.92E-04	4.89E-03	0.00E+00	0.00E+00	4.89E-03	1.92E-04	0.00E+00	1.92E-04	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	4.89E-03
5483	ALL	653050	4187973	NonCancer	0.00E+00	1.86E-04	4.76E-03	0.00E+00	0.00E+00	4.76E-03	1.86E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	4.76E-03
5484	ALL	653180.4	4188522	NonCancer	0.00E+00	1.09E-04	2.80E-03	0.00E+00	0.00E+00	2.80E-03	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	2.80E-03
5485	ALL	653171	4188500	NonCancer	0.00E+00	1.07E-04	2.75E-03	0.00E+00	0.00E+00	2.75E-03	1.07E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
5486	ALL	653161.6	4188477	NonCancer	0.00E+00	1.12E-04	2.88E-03	0.00E+00	0.00E+00	2.88E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	2.88E-03
5487	ALL	653152.2	4188454	NonCancer	0.00E+00	1.14E-04	2.92E-03	0.00E+00	0.00E+00	2.92E-03	1.14E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	2.92E-03
5488	ALL	653142.8	4188432	NonCancer	0.00E+00	1.12E-04	2.86E-03	0.00E+00	0.00E+00	2.86E-03	1.12E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	2.86E-03
5489	ALL	653133.4	4188409	NonCancer	0.00E+00	1.15E-04	2.94E-03	0.00E+00	0.00E+00	2.94E-03	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	2.94E-03
5490	ALL	653124	4188387	NonCancer	0.00E+00	1.20E-04	3.06E-03	0.00E+00	0.00E+00	3.06E-03	1.20E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
5491	ALL	653114.6	4188364	NonCancer	0.00E+00	1.24E-04	3.17E-03	0.00E+00	0.00E+00	3.17E-03	1.24E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
5492	ALL	653105.2	4188341	NonCancer	0.00E+00	1.33E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
5493	ALL	653095.8	4188319	NonCancer	0.00E+00	1.51E-04	3.88E-03	0.00E+00	0.00E+00	3.88E-03	1.51E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	3.88E-03
5494	ALL	653086.4	4188296	NonCancer	0.00E+00	1.59E-04	4.07E-03	0.00E+00	0.00E+00	4.07E-03	1.59E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	4.07E-03
5495	ALL	653077	4188274	NonCancer	0.00E+00	1.65E-04	4.25E-03	0.00E+00	0.00E+00	4.25E-03	1.65E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	4.25E-03
5496	ALL	653067.6	4188251	NonCancer	0.00E+00	1.69E-04	4.34E-03	0.00E+00	0.00E+00	4.34E-03	1.69E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	4.34E-03
5497	ALL	653058.2	4188228	NonCancer	0.00E+00	1.72E-04	4.41E-03	0.00E+00	0.00E+00	4.41E-03	1.72E-04	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	4.41E-03
5498	ALL	653048.8	4188206	NonCancer	0.00E+00	1.70E-04	4.35E-03	0.00E+00	0.00E+00	4.35E-03	1.70E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	4.35E-03
5499	ALL	653039.4	4188183	NonCancer	0.00E+00	1.68E-04	4.30E-03	0.00E+00	0.00E+00	4.30E-03	1.68E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	4.30E-03

5500	ALL	653030	4188161	NonCancer	0.00E+00	1.61E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
5501	ALL	653020.6	4188138	NonCancer	0.00E+00	1.57E-04	4.03E-03	0.00E+00	0.00E+00	4.03E-03	1.57E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	4.03E-03
5502	ALL	653011.2	4188115	NonCancer	0.00E+00	1.44E-04	3.74E-03	0.00E+00	0.00E+00	3.74E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	3.74E-03
5503	ALL	653001.8	4188093	NonCancer	0.00E+00	1.60E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
5504	ALL	652992.4	4188070	NonCancer	0.00E+00	1.60E-04	4.11E-03	0.00E+00	0.00E+00	4.11E-03	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	4.11E-03
5505	ALL	652983	4188048	NonCancer	0.00E+00	1.61E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
5506	ALL	652973.6	4188025	NonCancer	0.00E+00	1.61E-04	4.13E-03	0.00E+00	0.00E+00	4.13E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	4.13E-03
5507	ALL	652964.1	4188003	NonCancer	0.00E+00	1.61E-04	4.08E-03	0.00E+00	0.00E+00	4.08E-03	1.61E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	4.08E-03
5508	ALL	652954.7	4187980	NonCancer	0.00E+00	1.54E-04	3.95E-03	0.00E+00	0.00E+00	3.95E-03	1.54E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	3.95E-03
5509	ALL	653113.1	4188596	NonCancer	0.00E+00	9.22E-05	2.36E-03	0.00E+00	0.00E+00	2.36E-03	9.22E-05	0.00E+00	9.22E-05	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	2.36E-03
5510	ALL	653103.8	4188574	NonCancer	0.00E+00	9.13E-05	2.35E-03	0.00E+00	0.00E+00	2.35E-03	9.13E-05	0.00E+00	9.13E-05	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	2.35E-03
5511	ALL	653094.4	4188551	NonCancer	0.00E+00	9.11E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.11E-05	0.00E+00	9.11E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
5512	ALL	653085	4188528	NonCancer	0.00E+00	9.84E-05	2.52E-03	0.00E+00	0.00E+00	2.52E-03	9.84E-05	0.00E+00	9.84E-05	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.52E-03
5513	ALL	653075.6	4188506	NonCancer	0.00E+00	9.28E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.28E-05	0.00E+00	9.28E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
5514	ALL	653066.2	4188483	NonCancer	0.00E+00	9.54E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.54E-05	0.00E+00	9.54E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
5515	ALL	653056.8	4188461	NonCancer	0.00E+00	9.81E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.81E-05	0.00E+00	9.81E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
5516	ALL	653047.4	4188438	NonCancer	0.00E+00	1.02E-04	2.61E-03	0.00E+00	0.00E+00	2.61E-03	1.02E-04	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	2.61E-03
5517	ALL	653038	4188416	NonCancer	0.00E+00	1.05E-04	2.69E-03	0.00E+00	0.00E+00	2.69E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	2.69E-03
5518	ALL	653028.6	4188393	NonCancer	0.00E+00	1.06E-04	2.77E-03	0.00E+00	0.00E+00	2.77E-03	1.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	2.77E-03
5519	ALL	653019.2	4188370	NonCancer	0.00E+00	1.27E-04	3.26E-03	0.00E+00	0.00E+00	3.26E-03	1.27E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	3.26E-03
5520	ALL	653009.8	4188348	NonCancer	0.00E+00	1.31E-04	3.35E-03	0.00E+00	0.00E+00	3.35E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	3.35E-03
5521	ALL	653000.4	4188325	NonCancer	0.00E+00	1.32E-04	3.40E-03	0.00E+00	0.00E+00	3.40E-03	1.32E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	3.40E-03
5522	ALL	652991	4188303	NonCancer	0.00E+00	1.46E-04	3.73E-03	0.00E+00	0.00E+00	3.73E-03	1.46E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	3.73E-03
5523	ALL	652981.6	4188280	NonCancer	0.00E+00	1.45E-04	3.72E-03	0.00E+00	0.00E+00	3.72E-03	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	3.72E-03
5524	ALL	652972.2	4188258	NonCancer	0.00E+00	1.47E-04	3.76E-03	0.00E+00	0.00E+00	3.76E-03	1.47E-04	0.00E+00	1.47E-04	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	3.76E-03
5525	ALL	652962.8	4188235	NonCancer	0.00E+00	1.44E-04	3.68E-03	0.00E+00	0.00E+00	3.68E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	3.68E-03
5526	ALL	652953.5	4188212	NonCancer	0.00E+00	1.44E-04	3.67E-03	0.00E+00	0.00E+00	3.67E-03	1.44E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	3.67E-03
5527	ALL	652944.1	4188190	NonCancer	0.00E+00	1.34E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.34E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
5528	ALL	652934.7	4188167	NonCancer	0.00E+00	1.35E-04	3.45E-03	0.00E+00	0.00E+00	3.45E-03	1.35E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	3.45E-03
5529	ALL	652925.3	4188145	NonCancer	0.00E+00	1.29E-04	3.29E-03	0.00E+00	0.00E+00	3.29E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	3.29E-03
5530	ALL	652915.9	4188122	NonCancer	0.00E+00	1.29E-04	3.34E-03	0.00E+00	0.00E+00	3.34E-03	1.29E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	3.34E-03
5531	ALL	652906.5	4188100	NonCancer	0.00E+00	1.39E-04	3.55E-03	0.00E+00	0.00E+00	3.55E-03	1.39E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	3.55E-03
5532	ALL	652897.1	4188077	NonCancer	0.00E+00	1.38E-04	3.54E-03	0.00E+00	0.00E+00	3.54E-03	1.38E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	3.54E-03
5533	ALL	652887.7	4188055	NonCancer	0.00E+00	1.36E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.36E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
5534	ALL	652878.3	4188032	NonCancer	0.00E+00	1.37E-04	3.50E-03	0.00E+00	0.00E+00	3.50E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	3.50E-03
5535	ALL	652868.9	4188009	NonCancer	0.00E+00	1.37E-04	3.48E-03	0.00E+00	0.00E+00	3.48E-03	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	3.48E-03
5536	ALL	652859.5	4187987	NonCancer	0.00E+00	1.31E-04	3.36E-03	0.00E+00	0.00E+00	3.36E-03	1.31E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	3.36E-03
5537	ALL	652850.1	4187964	NonCancer	0.00E+00	1.33E-04	3.37E-03	0.00E+00	0.00E+00	3.37E-03	1.33E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	3.37E-03
5538	ALL	653127	4188616	NonCancer	0.00E+00	9.09E-05	2.34E-03	0.00E+00	0.00E+00	2.34E-03	9.09E-05	0.00E+00	9.09E-05	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	2.34E-03
5539	ALL	652944.9	4188781	NonCancer	0.00E+00	6.57E-05	1.68E-03	0.00E+00	0.00E+00	1.68E-03	6.57E-05	0.00E+00	6.57E-05	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	1.68E-03
5540	ALL	652935.4	4188758	NonCancer	0.00E+00	6.66E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.66E-05	0.00E+00	6.66E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
5541	ALL	652926	4188736	NonCancer	0.00E+00	6.50E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.50E-05	0.00E+00	6.50E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
5542	ALL	652916.6	4188713	NonCancer	0.00E+00	6.49E-05	1.66E-03	0.00E+00	0.00E+00	1.66E-03	6.49E-05	0.00E+00	6.49E-05	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	1.66E-03
5543	ALL	652907.1	4188690	NonCancer	0.00E+00	6.99E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	6.99E-05	0.00E+00	6.99E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5544	ALL	652897.7	4188668	NonCancer	0.00E+00	6.83E-05	1.76E-03	0.00E+00	0.00E+00	1.76E-03	6.83E-05	0.00E+00	6.83E-05	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
5545	ALL	652888.2	4188645	NonCancer	0.00E+00	6.64E-05	1.70E-03	0.00E+00	0.00E+00	1.70E-03	6.64E-05	0.00E+00	6.64E-05	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	1.70E-03
5546	ALL	652878.8	4188622	NonCancer	0.00E+00	6.78E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.78E-05	0.00E+00	6.78E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
5547	ALL	652869.4	4188600	NonCancer	0.00E+00	6.97E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	6.97E-05	0.00E+00	6.97E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5548	ALL	652859.9	4188577	NonCancer	0.00E+00	7.07E-05	1.81E-03	0.00E+00	0.00E+00	1.81E-03	7.07E-05	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	1.81E-03
5549	ALL	652850.5	4188554	NonCancer	0.00E+00	7.37E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.37E-05	0.00E+00	7.37E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03

5550	ALL	652841.1	4188532	NonCancer	0.00E+00	7.42E-05	1.90E-03	0.00E+00	0.00E+00	1.90E-03	7.42E-05	0.00E+00	7.42E-05	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	1.90E-03
5551	ALL	652831.6	4188509	NonCancer	0.00E+00	7.60E-05	1.98E-03	0.00E+00	0.00E+00	1.98E-03	7.60E-05	0.00E+00	7.60E-05	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	1.98E-03
5552	ALL	652822.2	4188486	NonCancer	0.00E+00	8.97E-05	2.30E-03	0.00E+00	0.00E+00	2.30E-03	8.97E-05	0.00E+00	8.97E-05	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	2.30E-03
5553	ALL	652812.7	4188464	NonCancer	0.00E+00	9.10E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.10E-05	0.00E+00	9.10E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
5554	ALL	652803.3	4188441	NonCancer	0.00E+00	9.69E-05	2.47E-03	0.00E+00	0.00E+00	2.47E-03	9.69E-05	0.00E+00	9.69E-05	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	2.47E-03
5555	ALL	652793.9	4188418	NonCancer	0.00E+00	9.44E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.44E-05	0.00E+00	9.44E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
5556	ALL	652784.4	4188396	NonCancer	0.00E+00	1.04E-04	2.66E-03	0.00E+00	0.00E+00	2.66E-03	1.04E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	2.66E-03
5557	ALL	652775	4188373	NonCancer	0.00E+00	1.01E-04	2.60E-03	0.00E+00	0.00E+00	2.60E-03	1.01E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	2.60E-03
5558	ALL	652765.6	4188350	NonCancer	0.00E+00	1.05E-04	2.68E-03	0.00E+00	0.00E+00	2.68E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	2.68E-03
5559	ALL	652756.1	4188328	NonCancer	0.00E+00	1.05E-04	2.67E-03	0.00E+00	0.00E+00	2.67E-03	1.05E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	2.67E-03
5560	ALL	652746.7	4188305	NonCancer	0.00E+00	1.03E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
5561	ALL	652737.2	4188282	NonCancer	0.00E+00	1.03E-04	2.62E-03	0.00E+00	0.00E+00	2.62E-03	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
5562	ALL	652727.8	4188260	NonCancer	0.00E+00	9.36E-05	2.40E-03	0.00E+00	0.00E+00	2.40E-03	9.36E-05	0.00E+00	9.36E-05	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	2.40E-03
5563	ALL	652718.4	4188237	NonCancer	0.00E+00	9.91E-05	2.52E-03	0.00E+00	0.00E+00	2.52E-03	9.91E-05	0.00E+00	9.91E-05	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	2.52E-03
5564	ALL	652708.9	4188214	NonCancer	0.00E+00	9.54E-05	2.44E-03	0.00E+00	0.00E+00	2.44E-03	9.54E-05	0.00E+00	9.54E-05	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	2.44E-03
5565	ALL	652699.5	4188192	NonCancer	0.00E+00	9.11E-05	2.32E-03	0.00E+00	0.00E+00	2.32E-03	9.11E-05	0.00E+00	9.11E-05	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	2.32E-03
5566	ALL	652690.1	4188169	NonCancer	0.00E+00	9.02E-05	2.33E-03	0.00E+00	0.00E+00	2.33E-03	9.02E-05	0.00E+00	9.02E-05	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	2.33E-03
5567	ALL	652680.6	4188146	NonCancer	0.00E+00	9.74E-05	2.50E-03	0.00E+00	0.00E+00	2.50E-03	9.74E-05	0.00E+00	9.74E-05	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	2.50E-03
5568	ALL	652671.2	4188124	NonCancer	0.00E+00	9.84E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.84E-05	0.00E+00	9.84E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
5569	ALL	652661.7	4188101	NonCancer	0.00E+00	9.95E-05	2.54E-03	0.00E+00	0.00E+00	2.54E-03	9.95E-05	0.00E+00	9.95E-05	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	2.54E-03
5570	ALL	652652.3	4188078	NonCancer	0.00E+00	9.66E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.66E-05	0.00E+00	9.66E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
5571	ALL	652642.9	4188056	NonCancer	0.00E+00	9.85E-05	2.51E-03	0.00E+00	0.00E+00	2.51E-03	9.85E-05	0.00E+00	9.85E-05	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	2.51E-03
5572	ALL	652633.4	4188033	NonCancer	0.00E+00	9.71E-05	2.48E-03	0.00E+00	0.00E+00	2.48E-03	9.71E-05	0.00E+00	9.71E-05	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	2.48E-03
5573	ALL	652624	4188010	NonCancer	0.00E+00	9.54E-05	2.43E-03	0.00E+00	0.00E+00	2.43E-03	9.54E-05	0.00E+00	9.54E-05	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	2.43E-03
5574	ALL	652614.6	4187987	NonCancer	0.00E+00	9.35E-05	2.39E-03	0.00E+00	0.00E+00	2.39E-03	9.35E-05	0.00E+00	9.35E-05	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
5575	ALL	652605.1	4187965	NonCancer	0.00E+00	9.48E-05	2.41E-03	0.00E+00	0.00E+00	2.41E-03	9.48E-05	0.00E+00	9.48E-05	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
5576	ALL	652776.6	4188966	NonCancer	0.00E+00	4.98E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.98E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
5577	ALL	652767.1	4188943	NonCancer	0.00E+00	5.04E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.04E-05	0.00E+00	5.04E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
5578	ALL	652757.7	4188920	NonCancer	0.00E+00	5.02E-05	1.28E-03	0.00E+00	0.00E+00	1.28E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
5579	ALL	652748.2	4188898	NonCancer	0.00E+00	4.91E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.91E-05	0.00E+00	4.91E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
5580	ALL	652738.7	4188875	NonCancer	0.00E+00	4.94E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.94E-05	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
5581	ALL	652729.3	4188852	NonCancer	0.00E+00	5.29E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5582	ALL	652719.8	4188829	NonCancer	0.00E+00	5.31E-05	1.36E-03	0.00E+00	0.00E+00	1.36E-03	5.31E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	1.36E-03
5583	ALL	652710.3	4188807	NonCancer	0.00E+00	5.02E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.02E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
5584	ALL	652700.9	4188784	NonCancer	0.00E+00	5.13E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.13E-05	0.00E+00	5.13E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
5585	ALL	652691.4	4188761	NonCancer	0.00E+00	5.17E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.17E-05	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
5586	ALL	652681.9	4188738	NonCancer	0.00E+00	5.29E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.29E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5587	ALL	652672.5	4188716	NonCancer	0.00E+00	5.26E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5588	ALL	652663	4188693	NonCancer	0.00E+00	5.60E-05	1.43E-03	0.00E+00	0.00E+00	1.43E-03	5.60E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
5589	ALL	652653.5	4188670	NonCancer	0.00E+00	5.70E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
5590	ALL	652644.1	4188648	NonCancer	0.00E+00	5.54E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.54E-05	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
5591	ALL	652634.6	4188625	NonCancer	0.00E+00	5.79E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.79E-05	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
5592	ALL	652625.2	4188602	NonCancer	0.00E+00	6.75E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.75E-05	0.00E+00	6.75E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
5593	ALL	652615.7	4188579	NonCancer	0.00E+00	7.01E-05	1.79E-03	0.00E+00	0.00E+00	1.79E-03	7.01E-05	0.00E+00	7.01E-05	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
5594	ALL	652606.2	4188557	NonCancer	0.00E+00	7.19E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.19E-05	0.00E+00	7.19E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5595	ALL	652596.8	4188534	NonCancer	0.00E+00	7.33E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.33E-05	0.00E+00	7.33E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
5596	ALL	652587.3	4188511	NonCancer	0.00E+00	7.24E-05	1.87E-03	0.00E+00	0.00E+00	1.87E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	1.87E-03
5597	ALL	652577.8	4188488	NonCancer	0.00E+00	7.93E-05	2.03E-03	0.00E+00	0.00E+00	2.03E-03	7.93E-05	0.00E+00	7.93E-05	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	2.03E-03
5598	ALL	652568.4	4188466	NonCancer	0.00E+00	7.78E-05	1.99E-03	0.00E+00	0.00E+00	1.99E-03	7.78E-05	0.00E+00	7.78E-05	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	1.99E-03
5599	ALL	652558.9	4188443	NonCancer	0.00E+00	8.04E-05	2.05E-03	0.00E+00	0.00E+00	2.05E-03	8.04E-05	0.00E+00	8.04E-05	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	2.05E-03

5600	ALL	652549.4	4188420	NonCancer	0.00E+00	8.02E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.02E-05	0.00E+00	8.02E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
5601	ALL	652540	4188397	NonCancer	0.00E+00	8.01E-05	2.04E-03	0.00E+00	0.00E+00	2.04E-03	8.01E-05	0.00E+00	8.01E-05	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
5602	ALL	652530.5	4188375	NonCancer	0.00E+00	7.95E-05	2.02E-03	0.00E+00	0.00E+00	2.02E-03	7.95E-05	0.00E+00	7.95E-05	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	2.02E-03
5603	ALL	652521	4188352	NonCancer	0.00E+00	7.83E-05	2.00E-03	0.00E+00	0.00E+00	2.00E-03	7.83E-05	0.00E+00	7.83E-05	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
5604	ALL	652511.6	4188329	NonCancer	0.00E+00	7.17E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.17E-05	0.00E+00	7.17E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5605	ALL	652502.1	4188306	NonCancer	0.00E+00	7.47E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.47E-05	0.00E+00	7.47E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
5606	ALL	652492.6	4188284	NonCancer	0.00E+00	7.40E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.40E-05	0.00E+00	7.40E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5607	ALL	652483.2	4188261	NonCancer	0.00E+00	7.14E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.14E-05	0.00E+00	7.14E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
5608	ALL	652473.7	4188238	NonCancer	0.00E+00	6.86E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.86E-05	0.00E+00	6.86E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
5609	ALL	652464.2	4188216	NonCancer	0.00E+00	6.73E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
5610	ALL	652454.8	4188193	NonCancer	0.00E+00	7.27E-05	1.86E-03	0.00E+00	0.00E+00	1.86E-03	7.27E-05	0.00E+00	7.27E-05	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
5611	ALL	652445.3	4188170	NonCancer	0.00E+00	7.60E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.60E-05	0.00E+00	7.60E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
5612	ALL	652435.9	4188147	NonCancer	0.00E+00	7.39E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.39E-05	0.00E+00	7.39E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5613	ALL	652426.4	4188125	NonCancer	0.00E+00	7.58E-05	1.93E-03	0.00E+00	0.00E+00	1.93E-03	7.58E-05	0.00E+00	7.58E-05	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	1.93E-03
5614	ALL	652416.9	4188102	NonCancer	0.00E+00	7.35E-05	1.88E-03	0.00E+00	0.00E+00	1.88E-03	7.35E-05	0.00E+00	7.35E-05	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	1.88E-03
5615	ALL	652407.5	4188079	NonCancer	0.00E+00	7.54E-05	1.91E-03	0.00E+00	0.00E+00	1.91E-03	7.54E-05	0.00E+00	7.54E-05	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
5616	ALL	652398	4188056	NonCancer	0.00E+00	7.21E-05	1.85E-03	0.00E+00	0.00E+00	1.85E-03	7.21E-05	0.00E+00	7.21E-05	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	1.85E-03
5617	ALL	652388.5	4188034	NonCancer	0.00E+00	7.46E-05	1.89E-03	0.00E+00	0.00E+00	1.89E-03	7.46E-05	0.00E+00	7.46E-05	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5618	ALL	652379.1	4188011	NonCancer	0.00E+00	7.24E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.24E-05	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5619	ALL	652369.6	4187988	NonCancer	0.00E+00	7.13E-05	1.82E-03	0.00E+00	0.00E+00	1.82E-03	7.13E-05	0.00E+00	7.13E-05	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.82E-03
5620	ALL	652360.1	4187965	NonCancer	0.00E+00	7.23E-05	1.84E-03	0.00E+00	0.00E+00	1.84E-03	7.23E-05	0.00E+00	7.23E-05	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
5621	ALL	652350.7	4187943	NonCancer	0.00E+00	6.84E-05	1.74E-03	0.00E+00	0.00E+00	1.74E-03	6.84E-05	0.00E+00	6.84E-05	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
5622	ALL	652608.4	4189151	NonCancer	0.00E+00	3.92E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
5623	ALL	652599	4189128	NonCancer	0.00E+00	3.98E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.98E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
5624	ALL	652589.6	4189106	NonCancer	0.00E+00	4.05E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.05E-05	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
5625	ALL	652580.2	4189083	NonCancer	0.00E+00	3.94E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5626	ALL	652570.8	4189060	NonCancer	0.00E+00	3.89E-05	9.94E-04	0.00E+00	0.00E+00	9.94E-04	3.89E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	9.94E-04
5627	ALL	652561.4	4189038	NonCancer	0.00E+00	3.92E-05	1.00E-03	0.00E+00	0.00E+00	1.00E-03	3.92E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
5628	ALL	652552	4189015	NonCancer	0.00E+00	4.16E-05	1.06E-03	0.00E+00	0.00E+00	1.06E-03	4.16E-05	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
5629	ALL	652542.6	4188993	NonCancer	0.00E+00	4.26E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.26E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
5630	ALL	652533.2	4188970	NonCancer	0.00E+00	4.07E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.07E-05	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5631	ALL	652523.8	4188948	NonCancer	0.00E+00	4.02E-05	1.03E-03	0.00E+00	0.00E+00	1.03E-03	4.02E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
5632	ALL	652514.4	4188925	NonCancer	0.00E+00	4.10E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.10E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5633	ALL	652505	4188902	NonCancer	0.00E+00	4.12E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.12E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5634	ALL	652495.6	4188880	NonCancer	0.00E+00	4.19E-05	1.07E-03	0.00E+00	0.00E+00	1.07E-03	4.19E-05	0.00E+00	4.19E-05	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.07E-03
5635	ALL	652486.2	4188857	NonCancer	0.00E+00	4.21E-05	1.08E-03	0.00E+00	0.00E+00	1.08E-03	4.21E-05	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.08E-03
5636	ALL	652476.8	4188835	NonCancer	0.00E+00	4.37E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.37E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5637	ALL	652467.4	4188812	NonCancer	0.00E+00	4.47E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
5638	ALL	652458	4188790	NonCancer	0.00E+00	4.54E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.54E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
5639	ALL	652448.6	4188767	NonCancer	0.00E+00	4.36E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.36E-05	0.00E+00	4.36E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
5640	ALL	652439.2	4188744	NonCancer	0.00E+00	4.47E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
5641	ALL	652429.8	4188722	NonCancer	0.00E+00	5.21E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.21E-05	0.00E+00	5.21E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
5642	ALL	652420.4	4188699	NonCancer	0.00E+00	5.58E-05	1.42E-03	0.00E+00	0.00E+00	1.42E-03	5.58E-05	0.00E+00	5.58E-05	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	1.42E-03
5643	ALL	652411	4188677	NonCancer	0.00E+00	5.46E-05	1.40E-03	0.00E+00	0.00E+00	1.40E-03	5.46E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
5644	ALL	652401.6	4188654	NonCancer	0.00E+00	5.85E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
5645	ALL	652392.2	4188632	NonCancer	0.00E+00	5.78E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.78E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
5646	ALL	652382.8	4188609	NonCancer	0.00E+00	5.69E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
5647	ALL	652373.4	4188586	NonCancer	0.00E+00	6.26E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.26E-05	0.00E+00	6.26E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
5648	ALL	652364	4188564	NonCancer	0.00E+00	6.31E-05	1.61E-03	0.00E+00	0.00E+00	1.61E-03	6.31E-05	0.00E+00	6.31E-05	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.61E-03
5649	ALL	652354.6	4188541	NonCancer	0.00E+00	6.26E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.26E-05	0.00E+00	6.26E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03

5650	ALL	652345.2	4188519	NonCancer	0.00E+00	6.39E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.39E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
5651	ALL	652335.8	4188496	NonCancer	0.00E+00	6.38E-05	1.63E-03	0.00E+00	0.00E+00	1.63E-03	6.38E-05	0.00E+00	6.38E-05	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	1.63E-03
5652	ALL	652326.4	4188473	NonCancer	0.00E+00	6.82E-05	1.73E-03	0.00E+00	0.00E+00	1.73E-03	6.82E-05	0.00E+00	6.82E-05	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	1.73E-03
5653	ALL	652317	4188451	NonCancer	0.00E+00	7.03E-05	1.78E-03	0.00E+00	0.00E+00	1.78E-03	7.03E-05	0.00E+00	7.03E-05	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5654	ALL	652307.6	4188428	NonCancer	0.00E+00	6.73E-05	1.71E-03	0.00E+00	0.00E+00	1.71E-03	6.73E-05	0.00E+00	6.73E-05	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.71E-03
5655	ALL	652298.2	4188406	NonCancer	0.00E+00	5.99E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	5.99E-05	0.00E+00	5.99E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
5656	ALL	652288.8	4188383	NonCancer	0.00E+00	5.69E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.69E-05	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
5657	ALL	652279.4	4188361	NonCancer	0.00E+00	6.01E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.01E-05	0.00E+00	6.01E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
5658	ALL	652270	4188338	NonCancer	0.00E+00	5.83E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.83E-05	0.00E+00	5.83E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
5659	ALL	652260.6	4188315	NonCancer	0.00E+00	5.70E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.70E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
5660	ALL	652251.2	4188293	NonCancer	0.00E+00	5.57E-05	1.41E-03	0.00E+00	0.00E+00	1.41E-03	5.57E-05	0.00E+00	5.57E-05	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	1.41E-03
5661	ALL	652241.8	4188270	NonCancer	0.00E+00	4.96E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	4.96E-05	0.00E+00	4.96E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
5662	ALL	652232.4	4188248	NonCancer	0.00E+00	5.63E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.63E-05	0.00E+00	5.63E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
5663	ALL	652223	4188225	NonCancer	0.00E+00	5.87E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.87E-05	0.00E+00	5.87E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
5664	ALL	652213.6	4188203	NonCancer	0.00E+00	6.05E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.05E-05	0.00E+00	6.05E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
5665	ALL	652204.2	4188180	NonCancer	0.00E+00	5.88E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.88E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
5666	ALL	652194.8	4188157	NonCancer	0.00E+00	6.04E-05	1.54E-03	0.00E+00	0.00E+00	1.54E-03	6.04E-05	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
5667	ALL	652185.4	4188135	NonCancer	0.00E+00	5.85E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.85E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
5668	ALL	652176	4188112	NonCancer	0.00E+00	5.97E-05	1.52E-03	0.00E+00	0.00E+00	1.52E-03	5.97E-05	0.00E+00	5.97E-05	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	1.52E-03
5669	ALL	652166.6	4188090	NonCancer	0.00E+00	5.92E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-03	5.92E-05	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-03
5670	ALL	652157.2	4188067	NonCancer	0.00E+00	5.82E-05	1.49E-03	0.00E+00	0.00E+00	1.49E-03	5.82E-05	0.00E+00	5.82E-05	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	1.49E-03
5671	ALL	652147.8	4188045	NonCancer	0.00E+00	5.93E-05	1.51E-03	0.00E+00	0.00E+00	1.51E-03	5.93E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
5672	ALL	652138.4	4188022	NonCancer	0.00E+00	5.78E-05	1.47E-03	0.00E+00	0.00E+00	1.47E-03	5.78E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
5673	ALL	652129	4187999	NonCancer	0.00E+00	5.67E-05	1.45E-03	0.00E+00	0.00E+00	1.45E-03	5.67E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	1.45E-03
5674	ALL	652119.6	4187977	NonCancer	0.00E+00	5.72E-05	1.46E-03	0.00E+00	0.00E+00	1.46E-03	5.72E-05	0.00E+00	5.72E-05	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	1.46E-03
5675	ALL	652110.2	4187954	NonCancer	0.00E+00	5.68E-05	1.44E-03	0.00E+00	0.00E+00	1.44E-03	5.68E-05	0.00E+00	5.68E-05	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.44E-03
5676	ALL	652100.8	4187932	NonCancer	0.00E+00	5.26E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
5677	ALL	652622.2	4189170	NonCancer	0.00E+00	3.95E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.95E-05	0.00E+00	3.95E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5678	ALL	652440.1	4189336	NonCancer	0.00E+00	3.19E-05	8.14E-04	0.00E+00	0.00E+00	8.14E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	8.14E-04
5679	ALL	652430.7	4189313	NonCancer	0.00E+00	3.28E-05	8.35E-04	0.00E+00	0.00E+00	8.35E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	8.35E-04
5680	ALL	652421.2	4189290	NonCancer	0.00E+00	3.30E-05	8.39E-04	0.00E+00	0.00E+00	8.39E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	8.39E-04
5681	ALL	652411.8	4189268	NonCancer	0.00E+00	3.31E-05	8.43E-04	0.00E+00	0.00E+00	8.43E-04	3.31E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.43E-04	0.00E+00	0.00E+00	8.43E-04
5682	ALL	652402.4	4189245	NonCancer	0.00E+00	3.24E-05	8.26E-04	0.00E+00	0.00E+00	8.26E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	8.26E-04
5683	ALL	652393	4189222	NonCancer	0.00E+00	3.20E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
5684	ALL	652383.6	4189200	NonCancer	0.00E+00	3.22E-05	8.21E-04	0.00E+00	0.00E+00	8.21E-04	3.22E-05	0.00E+00	3.22E-05	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	8.21E-04
5685	ALL	652374.1	4189177	NonCancer	0.00E+00	3.39E-05	8.64E-04	0.00E+00	0.00E+00	8.64E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	8.64E-04
5686	ALL	652364.7	4189155	NonCancer	0.00E+00	3.50E-05	8.92E-04	0.00E+00	0.00E+00	8.92E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.92E-04
5687	ALL	652355.3	4189132	NonCancer	0.00E+00	3.42E-05	8.75E-04	0.00E+00	0.00E+00	8.75E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	8.75E-04
5688	ALL	652345.9	4189109	NonCancer	0.00E+00	3.26E-05	8.37E-04	0.00E+00	0.00E+00	8.37E-04	3.26E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	8.37E-04
5689	ALL	652336.4	4189087	NonCancer	0.00E+00	3.30E-05	8.41E-04	0.00E+00	0.00E+00	8.41E-04	3.30E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	8.41E-04
5690	ALL	652327	4189064	NonCancer	0.00E+00	3.38E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
5691	ALL	652317.6	4189041	NonCancer	0.00E+00	3.39E-05	8.63E-04	0.00E+00	0.00E+00	8.63E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	8.63E-04
5692	ALL	652308.2	4189019	NonCancer	0.00E+00	3.43E-05	8.76E-04	0.00E+00	0.00E+00	8.76E-04	3.43E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	8.76E-04
5693	ALL	652298.7	4188996	NonCancer	0.00E+00	3.46E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
5694	ALL	652289.3	4188973	NonCancer	0.00E+00	3.51E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
5695	ALL	652279.9	4188951	NonCancer	0.00E+00	3.67E-05	9.35E-04	0.00E+00	0.00E+00	9.35E-04	3.67E-05	0.00E+00	3.67E-05	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	9.35E-04
5696	ALL	652270.5	4188928	NonCancer	0.00E+00	3.70E-05	9.44E-04	0.00E+00	0.00E+00	9.44E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	9.44E-04
5697	ALL	652261	4188906	NonCancer	0.00E+00	3.70E-05	9.45E-04	0.00E+00	0.00E+00	9.45E-04	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
5698	ALL	652251.6	4188883	NonCancer	0.00E+00	3.51E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
5699	ALL	652242.2	4188860	NonCancer	0.00E+00	3.68E-05	9.58E-04	0.00E+00	0.00E+00	9.58E-04	3.68E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	9.58E-04

5700	ALL	652232.8	4188838	NonCancer	0.00E+00	4.23E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.23E-05	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
5701	ALL	652223.3	4188815	NonCancer	0.00E+00	4.56E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.56E-05	0.00E+00	4.56E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
5702	ALL	652213.9	4188792	NonCancer	0.00E+00	4.56E-05	1.16E-03	0.00E+00	0.00E+00	1.16E-03	4.56E-05	0.00E+00	4.56E-05	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.16E-03
5703	ALL	652204.5	4188770	NonCancer	0.00E+00	4.66E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.66E-05	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5704	ALL	652195.1	4188747	NonCancer	0.00E+00	4.86E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5705	ALL	652185.7	4188724	NonCancer	0.00E+00	4.68E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5706	ALL	652176.2	4188702	NonCancer	0.00E+00	4.75E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.75E-05	0.00E+00	4.75E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
5707	ALL	652166.8	4188679	NonCancer	0.00E+00	5.15E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
5708	ALL	652157.4	4188657	NonCancer	0.00E+00	5.19E-05	1.32E-03	0.00E+00	0.00E+00	1.32E-03	5.19E-05	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
5709	ALL	652148	4188634	NonCancer	0.00E+00	5.05E-05	1.29E-03	0.00E+00	0.00E+00	1.29E-03	5.05E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
5710	ALL	652138.5	4188611	NonCancer	0.00E+00	5.27E-05	1.34E-03	0.00E+00	0.00E+00	1.34E-03	5.27E-05	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	1.34E-03
5711	ALL	652129.1	4188589	NonCancer	0.00E+00	5.26E-05	1.35E-03	0.00E+00	0.00E+00	1.35E-03	5.26E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
5712	ALL	652119.7	4188566	NonCancer	0.00E+00	5.78E-05	1.48E-03	0.00E+00	0.00E+00	1.48E-03	5.78E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
5713	ALL	652110.3	4188543	NonCancer	0.00E+00	6.24E-05	1.58E-03	0.00E+00	0.00E+00	1.58E-03	6.24E-05	0.00E+00	6.24E-05	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
5714	ALL	652100.8	4188521	NonCancer	0.00E+00	6.32E-05	1.60E-03	0.00E+00	0.00E+00	1.60E-03	6.32E-05	0.00E+00	6.32E-05	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
5715	ALL	652091.4	4188498	NonCancer	0.00E+00	6.03E-05	1.53E-03	0.00E+00	0.00E+00	1.53E-03	6.03E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
5716	ALL	652082	4188475	NonCancer	0.00E+00	5.41E-05	1.39E-03	0.00E+00	0.00E+00	1.39E-03	5.41E-05	0.00E+00	5.41E-05	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
5717	ALL	652072.6	4188453	NonCancer	0.00E+00	4.68E-05	1.21E-03	0.00E+00	0.00E+00	1.21E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	1.21E-03
5718	ALL	652063.1	4188430	NonCancer	0.00E+00	4.86E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.86E-05	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5719	ALL	652053.7	4188408	NonCancer	0.00E+00	4.93E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.93E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
5720	ALL	652044.3	4188385	NonCancer	0.00E+00	4.77E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
5721	ALL	652034.9	4188362	NonCancer	0.00E+00	4.68E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5722	ALL	652025.4	4188340	NonCancer	0.00E+00	4.53E-05	1.15E-03	0.00E+00	0.00E+00	1.15E-03	4.53E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	1.15E-03
5723	ALL	652016	4188317	NonCancer	0.00E+00	4.04E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5724	ALL	652006.6	4188294	NonCancer	0.00E+00	4.56E-05	1.17E-03	0.00E+00	0.00E+00	1.17E-03	4.56E-05	0.00E+00	4.56E-05	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	1.17E-03
5725	ALL	651997.2	4188272	NonCancer	0.00E+00	4.77E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.77E-05	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
5726	ALL	651987.7	4188249	NonCancer	0.00E+00	4.97E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.97E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
5727	ALL	651978.3	4188226	NonCancer	0.00E+00	4.88E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5728	ALL	651968.9	4188204	NonCancer	0.00E+00	4.85E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.85E-05	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5729	ALL	651959.5	4188181	NonCancer	0.00E+00	4.96E-05	1.26E-03	0.00E+00	0.00E+00	1.26E-03	4.96E-05	0.00E+00	4.96E-05	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.26E-03
5730	ALL	651950.1	4188159	NonCancer	0.00E+00	4.80E-05	1.23E-03	0.00E+00	0.00E+00	1.23E-03	4.80E-05	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	1.23E-03
5731	ALL	651940.6	4188136	NonCancer	0.00E+00	4.90E-05	1.25E-03	0.00E+00	0.00E+00	1.25E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	1.25E-03
5732	ALL	651931.2	4188113	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5733	ALL	651921.8	4188091	NonCancer	0.00E+00	4.65E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.65E-05	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
5734	ALL	651912.4	4188068	NonCancer	0.00E+00	4.88E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.88E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5735	ALL	651902.9	4188045	NonCancer	0.00E+00	4.79E-05	1.22E-03	0.00E+00	0.00E+00	1.22E-03	4.79E-05	0.00E+00	4.79E-05	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	1.22E-03
5736	ALL	651893.5	4188023	NonCancer	0.00E+00	4.73E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.73E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
5737	ALL	651884.1	4188000	NonCancer	0.00E+00	4.67E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.67E-05	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5738	ALL	651874.7	4187977	NonCancer	0.00E+00	4.71E-05	1.20E-03	0.00E+00	0.00E+00	1.20E-03	4.71E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	1.20E-03
5739	ALL	651865.2	4187955	NonCancer	0.00E+00	4.68E-05	1.19E-03	0.00E+00	0.00E+00	1.19E-03	4.68E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.19E-03
5740	ALL	651855.8	4187932	NonCancer	0.00E+00	4.39E-05	1.12E-03	0.00E+00	0.00E+00	1.12E-03	4.39E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	1.12E-03
5741	ALL	652103.6	4189705	NonCancer	0.00E+00	2.26E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
5742	ALL	652094.1	4189683	NonCancer	0.00E+00	2.34E-05	5.95E-04	0.00E+00	0.00E+00	5.95E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04
5743	ALL	652084.6	4189660	NonCancer	0.00E+00	2.36E-05	6.02E-04	0.00E+00	0.00E+00	6.02E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	6.02E-04
5744	ALL	652075.2	4189637	NonCancer	0.00E+00	2.38E-05	6.06E-04	0.00E+00	0.00E+00	6.06E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	6.06E-04
5745	ALL	652065.7	4189615	NonCancer	0.00E+00	2.39E-05	6.08E-04	0.00E+00	0.00E+00	6.08E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	6.08E-04
5746	ALL	652056.3	4189592	NonCancer	0.00E+00	2.33E-05	5.95E-04	0.00E+00	0.00E+00	5.95E-04	2.33E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04
5747	ALL	652046.8	4189569	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
5748	ALL	652037.4	4189546	NonCancer	0.00E+00	2.31E-05	5.88E-04	0.00E+00	0.00E+00	5.88E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	5.88E-04
5749	ALL	652027.9	4189524	NonCancer	0.00E+00	2.31E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.31E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04

5750	ALL	652018.4	4189501	NonCancer	0.00E+00	2.40E-05	6.13E-04	0.00E+00	0.00E+00	6.13E-04	2.40E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
5751	ALL	652009	4189478	NonCancer	0.00E+00	2.51E-05	6.38E-04	0.00E+00	0.00E+00	6.38E-04	2.51E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	6.38E-04
5752	ALL	651999.5	4189456	NonCancer	0.00E+00	2.52E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5753	ALL	651990.1	4189433	NonCancer	0.00E+00	2.42E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
5754	ALL	651980.6	4189410	NonCancer	0.00E+00	2.35E-05	6.01E-04	0.00E+00	0.00E+00	6.01E-04	2.35E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	6.01E-04
5755	ALL	651971.1	4189387	NonCancer	0.00E+00	2.38E-05	6.06E-04	0.00E+00	0.00E+00	6.06E-04	2.38E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	6.06E-04
5756	ALL	651961.7	4189365	NonCancer	0.00E+00	2.42E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.42E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
5757	ALL	651952.2	4189342	NonCancer	0.00E+00	2.43E-05	6.19E-04	0.00E+00	0.00E+00	6.19E-04	2.43E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	6.19E-04
5758	ALL	651942.8	4189319	NonCancer	0.00E+00	2.45E-05	6.23E-04	0.00E+00	0.00E+00	6.23E-04	2.45E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	6.23E-04
5759	ALL	651933.3	4189296	NonCancer	0.00E+00	2.46E-05	6.29E-04	0.00E+00	0.00E+00	6.29E-04	2.46E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	6.29E-04
5760	ALL	651923.8	4189274	NonCancer	0.00E+00	2.50E-05	6.38E-04	0.00E+00	0.00E+00	6.38E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	6.38E-04
5761	ALL	651914.4	4189251	NonCancer	0.00E+00	2.47E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
5762	ALL	651904.9	4189228	NonCancer	0.00E+00	2.58E-05	6.58E-04	0.00E+00	0.00E+00	6.58E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	6.58E-04
5763	ALL	651895.5	4189206	NonCancer	0.00E+00	2.65E-05	6.75E-04	0.00E+00	0.00E+00	6.75E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	6.75E-04
5764	ALL	651886	4189183	NonCancer	0.00E+00	2.66E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
5765	ALL	651876.6	4189160	NonCancer	0.00E+00	2.68E-05	6.83E-04	0.00E+00	0.00E+00	6.83E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	6.83E-04
5766	ALL	651867.1	4189137	NonCancer	0.00E+00	2.59E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.59E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5767	ALL	651857.6	4189115	NonCancer	0.00E+00	2.58E-05	6.60E-04	0.00E+00	0.00E+00	6.60E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	6.60E-04
5768	ALL	651848.2	4189092	NonCancer	0.00E+00	2.65E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5769	ALL	651838.7	4189069	NonCancer	0.00E+00	2.99E-05	7.70E-04	0.00E+00	0.00E+00	7.70E-04	2.99E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	7.70E-04
5770	ALL	651829.3	4189047	NonCancer	0.00E+00	3.24E-05	8.27E-04	0.00E+00	0.00E+00	8.27E-04	3.24E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	8.27E-04
5771	ALL	651819.8	4189024	NonCancer	0.00E+00	3.32E-05	8.45E-04	0.00E+00	0.00E+00	8.45E-04	3.32E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	8.45E-04
5772	ALL	651810.3	4189001	NonCancer	0.00E+00	3.22E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.22E-05	0.00E+00	3.22E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
5773	ALL	651800.9	4188978	NonCancer	0.00E+00	3.38E-05	8.64E-04	0.00E+00	0.00E+00	8.64E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	8.64E-04
5774	ALL	651791.4	4188956	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5775	ALL	651782	4188933	NonCancer	0.00E+00	3.40E-05	8.68E-04	0.00E+00	0.00E+00	8.68E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	8.68E-04
5776	ALL	651772.5	4188910	NonCancer	0.00E+00	3.36E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
5777	ALL	651763.1	4188887	NonCancer	0.00E+00	3.49E-05	8.96E-04	0.00E+00	0.00E+00	8.96E-04	3.49E-05	0.00E+00	3.49E-05	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	8.96E-04
5778	ALL	651753.6	4188865	NonCancer	0.00E+00	3.71E-05	9.46E-04	0.00E+00	0.00E+00	9.46E-04	3.71E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
5779	ALL	651744.1	4188842	NonCancer	0.00E+00	3.74E-05	9.53E-04	0.00E+00	0.00E+00	9.53E-04	3.74E-05	0.00E+00	3.74E-05	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	9.53E-04
5780	ALL	651734.7	4188819	NonCancer	0.00E+00	3.58E-05	9.17E-04	0.00E+00	0.00E+00	9.17E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	9.17E-04
5781	ALL	651725.2	4188797	NonCancer	0.00E+00	3.73E-05	9.52E-04	0.00E+00	0.00E+00	9.52E-04	3.73E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	9.52E-04
5782	ALL	651715.8	4188774	NonCancer	0.00E+00	3.82E-05	9.85E-04	0.00E+00	0.00E+00	9.85E-04	3.82E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
5783	ALL	651706.3	4188751	NonCancer	0.00E+00	4.04E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.04E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5784	ALL	651696.8	4188728	NonCancer	0.00E+00	4.59E-05	1.18E-03	0.00E+00	0.00E+00	1.18E-03	4.59E-05	0.00E+00	4.59E-05	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	1.18E-03
5785	ALL	651687.4	4188706	NonCancer	0.00E+00	4.99E-05	1.27E-03	0.00E+00	0.00E+00	1.27E-03	4.99E-05	0.00E+00	4.99E-05	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	1.27E-03
5786	ALL	651677.9	4188683	NonCancer	0.00E+00	5.18E-05	1.31E-03	0.00E+00	0.00E+00	1.31E-03	5.18E-05	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.31E-03
5787	ALL	651668.5	4188660	NonCancer	0.00E+00	5.15E-05	1.30E-03	0.00E+00	0.00E+00	1.30E-03	5.15E-05	0.00E+00	5.15E-05	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	1.30E-03
5788	ALL	651659	4188638	NonCancer	0.00E+00	4.90E-05	1.24E-03	0.00E+00	0.00E+00	1.24E-03	4.90E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.24E-03
5789	ALL	651649.6	4188615	NonCancer	0.00E+00	4.45E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.45E-05	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
5790	ALL	651640.1	4188592	NonCancer	0.00E+00	3.88E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.88E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5791	ALL	651630.6	4188569	NonCancer	0.00E+00	3.41E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
5792	ALL	651621.2	4188547	NonCancer	0.00E+00	3.53E-05	8.99E-04	0.00E+00	0.00E+00	8.99E-04	3.53E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	8.99E-04
5793	ALL	651611.7	4188524	NonCancer	0.00E+00	3.55E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
5794	ALL	651602.3	4188501	NonCancer	0.00E+00	3.42E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
5795	ALL	651592.8	4188479	NonCancer	0.00E+00	3.37E-05	8.59E-04	0.00E+00	0.00E+00	8.59E-04	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.59E-04
5796	ALL	651583.3	4188456	NonCancer	0.00E+00	3.36E-05	8.54E-04	0.00E+00	0.00E+00	8.54E-04	3.36E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	8.54E-04
5797	ALL	651573.9	4188433	NonCancer	0.00E+00	3.19E-05	8.13E-04	0.00E+00	0.00E+00	8.13E-04	3.19E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.13E-04
5798	ALL	651564.4	4188410	NonCancer	0.00E+00	2.86E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.86E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
5799	ALL	651555	4188388	NonCancer	0.00E+00	3.18E-05	8.18E-04	0.00E+00	0.00E+00	8.18E-04	3.18E-05	0.00E+00	3.18E-05	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	8.18E-04

5800	ALL	651545.5	4188365	NonCancer	0.00E+00	3.40E-05	8.67E-04	0.00E+00	0.00E+00	8.67E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	8.67E-04
5801	ALL	651536.1	4188342	NonCancer	0.00E+00	3.46E-05	8.86E-04	0.00E+00	0.00E+00	8.86E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	8.86E-04
5802	ALL	651526.6	4188319	NonCancer	0.00E+00	3.59E-05	9.12E-04	0.00E+00	0.00E+00	9.12E-04	3.59E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	9.12E-04
5803	ALL	651517.1	4188297	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5804	ALL	651507.7	4188274	NonCancer	0.00E+00	3.48E-05	8.89E-04	0.00E+00	0.00E+00	8.89E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	8.89E-04
5805	ALL	651498.2	4188251	NonCancer	0.00E+00	3.56E-05	9.07E-04	0.00E+00	0.00E+00	9.07E-04	3.56E-05	0.00E+00	3.56E-05	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	9.07E-04
5806	ALL	651488.8	4188229	NonCancer	0.00E+00	3.54E-05	9.00E-04	0.00E+00	0.00E+00	9.00E-04	3.54E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	9.00E-04
5807	ALL	651479.3	4188206	NonCancer	0.00E+00	3.45E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.45E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
5808	ALL	651469.8	4188183	NonCancer	0.00E+00	3.50E-05	8.94E-04	0.00E+00	0.00E+00	8.94E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	8.94E-04
5809	ALL	651460.4	4188160	NonCancer	0.00E+00	3.55E-05	9.01E-04	0.00E+00	0.00E+00	9.01E-04	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	9.01E-04
5810	ALL	651450.9	4188138	NonCancer	0.00E+00	3.42E-05	8.72E-04	0.00E+00	0.00E+00	8.72E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	8.72E-04
5811	ALL	651441.5	4188115	NonCancer	0.00E+00	3.40E-05	8.71E-04	0.00E+00	0.00E+00	8.71E-04	3.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	8.71E-04
5812	ALL	651432	4188092	NonCancer	0.00E+00	3.51E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5813	ALL	651422.6	4188070	NonCancer	0.00E+00	3.46E-05	8.78E-04	0.00E+00	0.00E+00	8.78E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	8.78E-04
5814	ALL	651413.1	4188047	NonCancer	0.00E+00	3.42E-05	8.68E-04	0.00E+00	0.00E+00	8.68E-04	3.42E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	8.68E-04
5815	ALL	651403.6	4188024	NonCancer	0.00E+00	3.33E-05	8.47E-04	0.00E+00	0.00E+00	8.47E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	8.47E-04
5816	ALL	651394.2	4188001	NonCancer	0.00E+00	3.35E-05	8.55E-04	0.00E+00	0.00E+00	8.55E-04	3.35E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	8.55E-04
5817	ALL	651384.7	4187979	NonCancer	0.00E+00	3.39E-05	8.63E-04	0.00E+00	0.00E+00	8.63E-04	3.39E-05	0.00E+00	3.39E-05	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	8.63E-04
5818	ALL	651375.3	4187956	NonCancer	0.00E+00	3.38E-05	8.58E-04	0.00E+00	0.00E+00	8.58E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	8.58E-04
5819	ALL	651365.8	4187933	NonCancer	0.00E+00	3.23E-05	8.22E-04	0.00E+00	0.00E+00	8.22E-04	3.23E-05	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	8.22E-04
5820	ALL	651356.3	4187910	NonCancer	0.00E+00	2.98E-05	7.63E-04	0.00E+00	0.00E+00	7.63E-04	2.98E-05	0.00E+00	2.98E-05	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
5821	ALL	652117.4	4189725	NonCancer	0.00E+00	2.34E-05	5.98E-04	0.00E+00	0.00E+00	5.98E-04	2.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	5.98E-04
5822	ALL	651767.1	4190075	NonCancer	0.00E+00	1.73E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
5823	ALL	651757.6	4190053	NonCancer	0.00E+00	1.76E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5824	ALL	651748.2	4190030	NonCancer	0.00E+00	1.81E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
5825	ALL	651738.8	4190007	NonCancer	0.00E+00	1.81E-05	4.60E-04	0.00E+00	0.00E+00	4.60E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	4.60E-04
5826	ALL	651729.3	4189985	NonCancer	0.00E+00	1.83E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
5827	ALL	651719.9	4189962	NonCancer	0.00E+00	1.83E-05	4.67E-04	0.00E+00	0.00E+00	4.67E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	4.67E-04
5828	ALL	651710.5	4189939	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5829	ALL	651701	4189917	NonCancer	0.00E+00	1.78E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
5830	ALL	651691.6	4189894	NonCancer	0.00E+00	1.75E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
5831	ALL	651682.2	4189871	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
5832	ALL	651672.7	4189849	NonCancer	0.00E+00	1.76E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
5833	ALL	651663.3	4189826	NonCancer	0.00E+00	1.81E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
5834	ALL	651653.9	4189803	NonCancer	0.00E+00	1.90E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5835	ALL	651644.4	4189781	NonCancer	0.00E+00	1.93E-05	4.92E-04	0.00E+00	0.00E+00	4.92E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	4.92E-04
5836	ALL	651635	4189758	NonCancer	0.00E+00	1.91E-05	4.87E-04	0.00E+00	0.00E+00	4.87E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	4.87E-04
5837	ALL	651625.6	4189735	NonCancer	0.00E+00	1.83E-05	4.68E-04	0.00E+00	0.00E+00	4.68E-04	1.83E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	4.68E-04
5838	ALL	651616.1	4189713	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5839	ALL	651606.7	4189690	NonCancer	0.00E+00	1.82E-05	4.63E-04	0.00E+00	0.00E+00	4.63E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	4.63E-04
5840	ALL	651597.3	4189667	NonCancer	0.00E+00	1.95E-05	4.93E-04	0.00E+00	0.00E+00	4.93E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	4.93E-04
5841	ALL	651587.8	4189645	NonCancer	0.00E+00	2.03E-05	5.11E-04	0.00E+00	0.00E+00	5.11E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	5.11E-04
5842	ALL	651578.4	4189622	NonCancer	0.00E+00	1.98E-05	5.02E-04	0.00E+00	0.00E+00	5.02E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	5.02E-04
5843	ALL	651569	4189599	NonCancer	0.00E+00	1.87E-05	4.76E-04	0.00E+00	0.00E+00	4.76E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	4.76E-04
5844	ALL	651559.5	4189577	NonCancer	0.00E+00	1.87E-05	4.78E-04	0.00E+00	0.00E+00	4.78E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	4.78E-04
5845	ALL	651550.1	4189554	NonCancer	0.00E+00	1.92E-05	4.88E-04	0.00E+00	0.00E+00	4.88E-04	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	4.88E-04
5846	ALL	651540.7	4189531	NonCancer	0.00E+00	1.89E-05	4.83E-04	0.00E+00	0.00E+00	4.83E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
5847	ALL	651531.2	4189509	NonCancer	0.00E+00	1.90E-05	4.86E-04	0.00E+00	0.00E+00	4.86E-04	1.90E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	4.86E-04
5848	ALL	651521.8	4189486	NonCancer	0.00E+00	1.99E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
5849	ALL	651512.4	4189463	NonCancer	0.00E+00	2.03E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04

5850	ALL	651502.9	4189441	NonCancer	0.00E+00	2.02E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
5851	ALL	651493.5	4189418	NonCancer	0.00E+00	2.06E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5852	ALL	651484.1	4189395	NonCancer	0.00E+00	2.02E-05	5.16E-04	0.00E+00	0.00E+00	5.16E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	5.16E-04
5853	ALL	651474.6	4189373	NonCancer	0.00E+00	1.93E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.93E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
5854	ALL	651465.2	4189350	NonCancer	0.00E+00	1.98E-05	5.06E-04	0.00E+00	0.00E+00	5.06E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	5.06E-04
5855	ALL	651455.8	4189328	NonCancer	0.00E+00	2.02E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.02E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5856	ALL	651446.3	4189305	NonCancer	0.00E+00	2.21E-05	5.70E-04	0.00E+00	0.00E+00	5.70E-04	2.21E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	5.70E-04
5857	ALL	651436.9	4189282	NonCancer	0.00E+00	2.41E-05	6.16E-04	0.00E+00	0.00E+00	6.16E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
5858	ALL	651427.5	4189260	NonCancer	0.00E+00	2.52E-05	6.42E-04	0.00E+00	0.00E+00	6.42E-04	2.52E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	6.42E-04
5859	ALL	651418	4189237	NonCancer	0.00E+00	2.54E-05	6.45E-04	0.00E+00	0.00E+00	6.45E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	6.45E-04
5860	ALL	651408.6	4189214	NonCancer	0.00E+00	2.44E-05	6.24E-04	0.00E+00	0.00E+00	6.24E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	6.24E-04
5861	ALL	651399.2	4189192	NonCancer	0.00E+00	2.56E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.56E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5862	ALL	651389.7	4189169	NonCancer	0.00E+00	2.68E-05	6.81E-04	0.00E+00	0.00E+00	6.81E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	6.81E-04
5863	ALL	651380.3	4189146	NonCancer	0.00E+00	2.66E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
5864	ALL	651370.9	4189124	NonCancer	0.00E+00	2.57E-05	6.56E-04	0.00E+00	0.00E+00	6.56E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	6.56E-04
5865	ALL	651361.4	4189101	NonCancer	0.00E+00	2.55E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.55E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5866	ALL	651352	4189078	NonCancer	0.00E+00	2.66E-05	6.84E-04	0.00E+00	0.00E+00	6.84E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	6.84E-04
5867	ALL	651342.6	4189056	NonCancer	0.00E+00	2.82E-05	7.20E-04	0.00E+00	0.00E+00	7.20E-04	2.82E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	7.20E-04
5868	ALL	651333.1	4189033	NonCancer	0.00E+00	2.88E-05	7.32E-04	0.00E+00	0.00E+00	7.32E-04	2.88E-05	0.00E+00	2.88E-05	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	7.32E-04
5869	ALL	651323.7	4189010	NonCancer	0.00E+00	2.81E-05	7.18E-04	0.00E+00	0.00E+00	7.18E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	7.18E-04
5870	ALL	651314.3	4188988	NonCancer	0.00E+00	2.73E-05	7.01E-04	0.00E+00	0.00E+00	7.01E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	7.01E-04
5871	ALL	651304.8	4188965	NonCancer	0.00E+00	2.90E-05	7.49E-04	0.00E+00	0.00E+00	7.49E-04	2.90E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	7.49E-04
5872	ALL	651295.4	4188942	NonCancer	0.00E+00	2.96E-05	7.77E-04	0.00E+00	0.00E+00	7.77E-04	2.96E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	7.77E-04
5873	ALL	651286	4188920	NonCancer	0.00E+00	3.28E-05	8.61E-04	0.00E+00	0.00E+00	8.61E-04	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	8.61E-04
5874	ALL	651276.5	4188897	NonCancer	0.00E+00	3.73E-05	9.65E-04	0.00E+00	0.00E+00	9.65E-04	3.73E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	9.65E-04
5875	ALL	651267.1	4188874	NonCancer	0.00E+00	4.11E-05	1.05E-03	0.00E+00	0.00E+00	1.05E-03	4.11E-05	0.00E+00	4.11E-05	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
5876	ALL	651257.7	4188852	NonCancer	0.00E+00	4.38E-05	1.11E-03	0.00E+00	0.00E+00	1.11E-03	4.38E-05	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5877	ALL	651248.2	4188829	NonCancer	0.00E+00	4.50E-05	1.14E-03	0.00E+00	0.00E+00	1.14E-03	4.50E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.14E-03
5878	ALL	651238.8	4188806	NonCancer	0.00E+00	4.47E-05	1.13E-03	0.00E+00	0.00E+00	1.13E-03	4.47E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.13E-03
5879	ALL	651229.4	4188784	NonCancer	0.00E+00	4.29E-05	1.09E-03	0.00E+00	0.00E+00	1.09E-03	4.29E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
5880	ALL	651219.9	4188761	NonCancer	0.00E+00	3.99E-05	1.02E-03	0.00E+00	0.00E+00	1.02E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	1.02E-03
5881	ALL	651210.5	4188738	NonCancer	0.00E+00	3.58E-05	9.24E-04	0.00E+00	0.00E+00	9.24E-04	3.58E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	9.24E-04
5882	ALL	651201.1	4188716	NonCancer	0.00E+00	3.09E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.09E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
5883	ALL	651191.6	4188693	NonCancer	0.00E+00	2.65E-05	7.04E-04	0.00E+00	0.00E+00	7.04E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	7.04E-04
5884	ALL	651182.2	4188670	NonCancer	0.00E+00	2.71E-05	6.96E-04	0.00E+00	0.00E+00	6.96E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	6.96E-04
5885	ALL	651172.8	4188648	NonCancer	0.00E+00	2.74E-05	6.95E-04	0.00E+00	0.00E+00	6.95E-04	2.74E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	6.95E-04
5886	ALL	651163.3	4188625	NonCancer	0.00E+00	2.65E-05	6.74E-04	0.00E+00	0.00E+00	6.74E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	6.74E-04
5887	ALL	651153.9	4188602	NonCancer	0.00E+00	2.62E-05	6.66E-04	0.00E+00	0.00E+00	6.66E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	6.66E-04
5888	ALL	651144.5	4188580	NonCancer	0.00E+00	2.57E-05	6.53E-04	0.00E+00	0.00E+00	6.53E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	6.53E-04
5889	ALL	651135	4188557	NonCancer	0.00E+00	2.58E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5890	ALL	651125.6	4188534	NonCancer	0.00E+00	2.47E-05	6.28E-04	0.00E+00	0.00E+00	6.28E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	6.28E-04
5891	ALL	651116.2	4188512	NonCancer	0.00E+00	2.25E-05	5.78E-04	0.00E+00	0.00E+00	5.78E-04	2.25E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	5.78E-04
5892	ALL	651106.7	4188489	NonCancer	0.00E+00	2.27E-05	5.90E-04	0.00E+00	0.00E+00	5.90E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	5.90E-04
5893	ALL	651097.3	4188466	NonCancer	0.00E+00	2.50E-05	6.39E-04	0.00E+00	0.00E+00	6.39E-04	2.50E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	6.39E-04
5894	ALL	651087.9	4188444	NonCancer	0.00E+00	2.62E-05	6.67E-04	0.00E+00	0.00E+00	6.67E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	6.67E-04
5895	ALL	651078.5	4188421	NonCancer	0.00E+00	2.64E-05	6.76E-04	0.00E+00	0.00E+00	6.76E-04	2.64E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	6.76E-04
5896	ALL	651069	4188398	NonCancer	0.00E+00	2.75E-05	6.98E-04	0.00E+00	0.00E+00	6.98E-04	2.75E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	6.98E-04
5897	ALL	651059.6	4188376	NonCancer	0.00E+00	2.73E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
5898	ALL	651050.2	4188353	NonCancer	0.00E+00	2.66E-05	6.77E-04	0.00E+00	0.00E+00	6.77E-04	2.66E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	6.77E-04
5899	ALL	651040.7	4188330	NonCancer	0.00E+00	2.65E-05	6.79E-04	0.00E+00	0.00E+00	6.79E-04	2.65E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	6.79E-04

5900	ALL	651031.3	4188308	NonCancer	0.00E+00	2.73E-05	6.94E-04	0.00E+00	0.00E+00	6.94E-04	2.73E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	6.94E-04
5901	ALL	651021.9	4188285	NonCancer	0.00E+00	2.71E-05	6.89E-04	0.00E+00	0.00E+00	6.89E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	6.89E-04
5902	ALL	651012.4	4188263	NonCancer	0.00E+00	2.63E-05	6.70E-04	0.00E+00	0.00E+00	6.70E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	6.70E-04
5903	ALL	651003	4188240	NonCancer	0.00E+00	2.63E-05	6.72E-04	0.00E+00	0.00E+00	6.72E-04	2.63E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	6.72E-04
5904	ALL	650993.6	4188217	NonCancer	0.00E+00	2.72E-05	6.91E-04	0.00E+00	0.00E+00	6.91E-04	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	6.91E-04
5905	ALL	650984.1	4188195	NonCancer	0.00E+00	2.71E-05	6.88E-04	0.00E+00	0.00E+00	6.88E-04	2.71E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	6.88E-04
5906	ALL	650974.7	4188172	NonCancer	0.00E+00	2.60E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5907	ALL	650965.3	4188149	NonCancer	0.00E+00	2.58E-05	6.61E-04	0.00E+00	0.00E+00	6.61E-04	2.58E-05	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	6.61E-04
5908	ALL	650955.8	4188127	NonCancer	0.00E+00	2.68E-05	6.83E-04	0.00E+00	0.00E+00	6.83E-04	2.68E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	6.83E-04
5909	ALL	650946.4	4188104	NonCancer	0.00E+00	2.69E-05	6.82E-04	0.00E+00	0.00E+00	6.82E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	6.82E-04
5910	ALL	650937	4188081	NonCancer	0.00E+00	2.60E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.60E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5911	ALL	650927.5	4188059	NonCancer	0.00E+00	2.62E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.62E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
5912	ALL	650918.1	4188036	NonCancer	0.00E+00	2.54E-05	6.48E-04	0.00E+00	0.00E+00	6.48E-04	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
5913	ALL	650908.7	4188013	NonCancer	0.00E+00	2.57E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5914	ALL	650899.2	4187991	NonCancer	0.00E+00	2.57E-05	6.55E-04	0.00E+00	0.00E+00	6.55E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	6.55E-04
5915	ALL	650889.8	4187968	NonCancer	0.00E+00	2.61E-05	6.63E-04	0.00E+00	0.00E+00	6.63E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	6.63E-04
5916	ALL	650880.4	4187945	NonCancer	0.00E+00	2.57E-05	6.52E-04	0.00E+00	0.00E+00	6.52E-04	2.57E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	6.52E-04
5917	ALL	650870.9	4187923	NonCancer	0.00E+00	2.44E-05	6.22E-04	0.00E+00	0.00E+00	6.22E-04	2.44E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	6.22E-04
5918	ALL	650861.5	4187900	NonCancer	0.00E+00	2.28E-05	5.82E-04	0.00E+00	0.00E+00	5.82E-04	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	5.82E-04
5919	ALL	650852.1	4187877	NonCancer	0.00E+00	2.19E-05	5.68E-04	0.00E+00	0.00E+00	5.68E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	5.68E-04
5920	ALL	651780.9	4190095	NonCancer	0.00E+00	1.79E-05	4.57E-04	0.00E+00	0.00E+00	4.57E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	4.57E-04
5921	ALL	651430.5	4190445	NonCancer	0.00E+00	1.38E-05	3.53E-04	0.00E+00	0.00E+00	3.53E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	3.53E-04
5922	ALL	651421.1	4190422	NonCancer	0.00E+00	1.38E-05	3.51E-04	0.00E+00	0.00E+00	3.51E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	3.51E-04
5923	ALL	651411.6	4190400	NonCancer	0.00E+00	1.43E-05	3.63E-04	0.00E+00	0.00E+00	3.63E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	3.63E-04
5924	ALL	651402.2	4190377	NonCancer	0.00E+00	1.45E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
5925	ALL	651392.7	4190354	NonCancer	0.00E+00	1.43E-05	3.65E-04	0.00E+00	0.00E+00	3.65E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	3.65E-04
5926	ALL	651383.2	4190331	NonCancer	0.00E+00	1.46E-05	3.70E-04	0.00E+00	0.00E+00	3.70E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	3.70E-04
5927	ALL	651373.8	4190309	NonCancer	0.00E+00	1.46E-05	3.72E-04	0.00E+00	0.00E+00	3.72E-04	1.46E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	3.72E-04
5928	ALL	651364.3	4190286	NonCancer	0.00E+00	1.44E-05	3.66E-04	0.00E+00	0.00E+00	3.66E-04	1.44E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	3.66E-04
5929	ALL	651354.9	4190263	NonCancer	0.00E+00	1.42E-05	3.62E-04	0.00E+00	0.00E+00	3.62E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	3.62E-04
5930	ALL	651345.4	4190241	NonCancer	0.00E+00	1.41E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
5931	ALL	651336	4190218	NonCancer	0.00E+00	1.41E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
5932	ALL	651326.5	4190195	NonCancer	0.00E+00	1.41E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.41E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
5933	ALL	651317.1	4190172	NonCancer	0.00E+00	1.40E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
5934	ALL	651307.6	4190150	NonCancer	0.00E+00	1.43E-05	3.65E-04	0.00E+00	0.00E+00	3.65E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	3.65E-04
5935	ALL	651298.1	4190127	NonCancer	0.00E+00	1.50E-05	3.81E-04	0.00E+00	0.00E+00	3.81E-04	1.50E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	3.81E-04
5936	ALL	651288.7	4190104	NonCancer	0.00E+00	1.54E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
5937	ALL	651279.2	4190082	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5938	ALL	651269.8	4190059	NonCancer	0.00E+00	1.51E-05	3.84E-04	0.00E+00	0.00E+00	3.84E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
5939	ALL	651260.3	4190036	NonCancer	0.00E+00	1.43E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
5940	ALL	651250.9	4190013	NonCancer	0.00E+00	1.42E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
5941	ALL	651241.4	4189991	NonCancer	0.00E+00	1.52E-05	3.91E-04	0.00E+00	0.00E+00	3.91E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	3.91E-04
5942	ALL	651232	4189968	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
5943	ALL	651222.5	4189945	NonCancer	0.00E+00	1.79E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
5944	ALL	651213	4189923	NonCancer	0.00E+00	1.80E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
5945	ALL	651203.6	4189900	NonCancer	0.00E+00	1.73E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
5946	ALL	651194.1	4189877	NonCancer	0.00E+00	1.57E-05	4.03E-04	0.00E+00	0.00E+00	4.03E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	4.03E-04
5947	ALL	651184.7	4189854	NonCancer	0.00E+00	1.49E-05	3.82E-04	0.00E+00	0.00E+00	3.82E-04	1.49E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	3.82E-04
5948	ALL	651175.2	4189832	NonCancer	0.00E+00	1.53E-05	3.89E-04	0.00E+00	0.00E+00	3.89E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	3.89E-04
5949	ALL	651165.8	4189809	NonCancer	0.00E+00	1.52E-05	3.88E-04	0.00E+00	0.00E+00	3.88E-04	1.52E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	3.88E-04

5950	ALL	651156.3	4189786	NonCancer	0.00E+00	1.51E-05	3.84E-04	0.00E+00	0.00E+00	3.84E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.84E-04
5951	ALL	651146.8	4189764	NonCancer	0.00E+00	1.54E-05	3.93E-04	0.00E+00	0.00E+00	3.93E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	3.93E-04
5952	ALL	651137.4	4189741	NonCancer	0.00E+00	1.60E-05	4.07E-04	0.00E+00	0.00E+00	4.07E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	4.07E-04
5953	ALL	651127.9	4189718	NonCancer	0.00E+00	1.62E-05	4.12E-04	0.00E+00	0.00E+00	4.12E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5954	ALL	651118.5	4189695	NonCancer	0.00E+00	1.61E-05	4.10E-04	0.00E+00	0.00E+00	4.10E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	4.10E-04
5955	ALL	651109	4189673	NonCancer	0.00E+00	1.64E-05	4.17E-04	0.00E+00	0.00E+00	4.17E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	4.17E-04
5956	ALL	651099.6	4189650	NonCancer	0.00E+00	1.62E-05	4.14E-04	0.00E+00	0.00E+00	4.14E-04	1.62E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	4.14E-04
5957	ALL	651090.1	4189627	NonCancer	0.00E+00	1.57E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
5958	ALL	651080.7	4189605	NonCancer	0.00E+00	1.54E-05	3.92E-04	0.00E+00	0.00E+00	3.92E-04	1.54E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	3.92E-04
5959	ALL	651071.2	4189582	NonCancer	0.00E+00	1.59E-05	4.06E-04	0.00E+00	0.00E+00	4.06E-04	1.59E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5960	ALL	651061.7	4189559	NonCancer	0.00E+00	1.61E-05	4.16E-04	0.00E+00	0.00E+00	4.16E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	4.16E-04
5961	ALL	651052.3	4189536	NonCancer	0.00E+00	1.73E-05	4.48E-04	0.00E+00	0.00E+00	4.48E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
5962	ALL	651042.8	4189514	NonCancer	0.00E+00	1.89E-05	4.84E-04	0.00E+00	0.00E+00	4.84E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	4.84E-04
5963	ALL	651033.4	4189491	NonCancer	0.00E+00	1.99E-05	5.07E-04	0.00E+00	0.00E+00	5.07E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
5964	ALL	651023.9	4189468	NonCancer	0.00E+00	2.03E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.03E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
5965	ALL	651014.5	4189446	NonCancer	0.00E+00	2.00E-05	5.10E-04	0.00E+00	0.00E+00	5.10E-04	2.00E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	5.10E-04
5966	ALL	651005	4189423	NonCancer	0.00E+00	1.91E-05	4.91E-04	0.00E+00	0.00E+00	4.91E-04	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	4.91E-04
5967	ALL	650995.6	4189400	NonCancer	0.00E+00	2.06E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
5968	ALL	650986.1	4189377	NonCancer	0.00E+00	2.14E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
5969	ALL	650976.6	4189355	NonCancer	0.00E+00	2.14E-05	5.44E-04	0.00E+00	0.00E+00	5.44E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	5.44E-04
5970	ALL	650967.2	4189332	NonCancer	0.00E+00	2.05E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5971	ALL	650957.7	4189309	NonCancer	0.00E+00	2.05E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
5972	ALL	650948.3	4189287	NonCancer	0.00E+00	2.01E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
5973	ALL	650938.8	4189264	NonCancer	0.00E+00	2.15E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
5974	ALL	650929.4	4189241	NonCancer	0.00E+00	2.26E-05	5.77E-04	0.00E+00	0.00E+00	5.77E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	5.77E-04
5975	ALL	650919.9	4189218	NonCancer	0.00E+00	2.30E-05	5.85E-04	0.00E+00	0.00E+00	5.85E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	5.85E-04
5976	ALL	650910.5	4189196	NonCancer	0.00E+00	2.26E-05	5.76E-04	0.00E+00	0.00E+00	5.76E-04	2.26E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	5.76E-04
5977	ALL	650901	4189173	NonCancer	0.00E+00	2.16E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
5978	ALL	650891.5	4189150	NonCancer	0.00E+00	2.27E-05	5.91E-04	0.00E+00	0.00E+00	5.91E-04	2.27E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	5.91E-04
5979	ALL	650882.1	4189128	NonCancer	0.00E+00	2.36E-05	6.20E-04	0.00E+00	0.00E+00	6.20E-04	2.36E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	6.20E-04
5980	ALL	650872.6	4189105	NonCancer	0.00E+00	2.47E-05	6.64E-04	0.00E+00	0.00E+00	6.64E-04	2.47E-05	0.00E+00	2.47E-05	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	6.64E-04
5981	ALL	650863.2	4189082	NonCancer	0.00E+00	2.81E-05	7.39E-04	0.00E+00	0.00E+00	7.39E-04	2.81E-05	0.00E+00	2.81E-05	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	7.39E-04
5982	ALL	650853.7	4189059	NonCancer	0.00E+00	3.18E-05	8.23E-04	0.00E+00	0.00E+00	8.23E-04	3.18E-05	0.00E+00	3.18E-05	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	8.23E-04
5983	ALL	650844.3	4189037	NonCancer	0.00E+00	3.51E-05	8.98E-04	0.00E+00	0.00E+00	8.98E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	8.98E-04
5984	ALL	650834.8	4189014	NonCancer	0.00E+00	3.78E-05	9.60E-04	0.00E+00	0.00E+00	9.60E-04	3.78E-05	0.00E+00	3.78E-05	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	9.60E-04
5985	ALL	650825.4	4188991	NonCancer	0.00E+00	3.94E-05	9.95E-04	0.00E+00	0.00E+00	9.95E-04	3.94E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	9.95E-04
5986	ALL	650815.9	4188969	NonCancer	0.00E+00	3.99E-05	1.01E-03	0.00E+00	0.00E+00	1.01E-03	3.99E-05	0.00E+00	3.99E-05	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5987	ALL	650806.4	4188946	NonCancer	0.00E+00	3.93E-05	9.93E-04	0.00E+00	0.00E+00	9.93E-04	3.93E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	9.93E-04
5988	ALL	650797	4188923	NonCancer	0.00E+00	3.76E-05	9.55E-04	0.00E+00	0.00E+00	9.55E-04	3.76E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	9.55E-04
5989	ALL	650787.5	4188900	NonCancer	0.00E+00	3.50E-05	8.93E-04	0.00E+00	0.00E+00	8.93E-04	3.50E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	8.93E-04
5990	ALL	650778.1	4188878	NonCancer	0.00E+00	3.14E-05	8.12E-04	0.00E+00	0.00E+00	8.12E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.12E-04
5991	ALL	650768.6	4188855	NonCancer	0.00E+00	2.78E-05	7.27E-04	0.00E+00	0.00E+00	7.27E-04	2.78E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	7.27E-04
5992	ALL	650759.2	4188832	NonCancer	0.00E+00	2.41E-05	6.41E-04	0.00E+00	0.00E+00	6.41E-04	2.41E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	6.41E-04
5993	ALL	650749.7	4188810	NonCancer	0.00E+00	2.12E-05	5.69E-04	0.00E+00	0.00E+00	5.69E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	5.69E-04
5994	ALL	650740.2	4188787	NonCancer	0.00E+00	2.19E-05	5.65E-04	0.00E+00	0.00E+00	5.65E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
5995	ALL	650730.8	4188764	NonCancer	0.00E+00	2.19E-05	5.56E-04	0.00E+00	0.00E+00	5.56E-04	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	5.56E-04
5996	ALL	650721.3	4188741	NonCancer	0.00E+00	2.13E-05	5.41E-04	0.00E+00	0.00E+00	5.41E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5997	ALL	650711.9	4188719	NonCancer	0.00E+00	2.09E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
5998	ALL	650702.4	4188696	NonCancer	0.00E+00	2.06E-05	5.25E-04	0.00E+00	0.00E+00	5.25E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	5.25E-04
5999	ALL	650693	4188673	NonCancer	0.00E+00	2.08E-05	5.27E-04	0.00E+00	0.00E+00	5.27E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	5.27E-04

6000	ALL	650683.5	4188651	NonCancer	0.00E+00	2.05E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
6001	ALL	650674.1	4188628	NonCancer	0.00E+00	1.95E-05	4.96E-04	0.00E+00	0.00E+00	4.96E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	4.96E-04
6002	ALL	650664.6	4188605	NonCancer	0.00E+00	1.77E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
6003	ALL	650655.1	4188582	NonCancer	0.00E+00	1.77E-05	4.61E-04	0.00E+00	0.00E+00	4.61E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	4.61E-04
6004	ALL	650645.7	4188560	NonCancer	0.00E+00	1.95E-05	5.01E-04	0.00E+00	0.00E+00	5.01E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	5.01E-04
6005	ALL	650636.2	4188537	NonCancer	0.00E+00	2.06E-05	5.26E-04	0.00E+00	0.00E+00	5.26E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	5.26E-04
6006	ALL	650626.8	4188514	NonCancer	0.00E+00	2.11E-05	5.37E-04	0.00E+00	0.00E+00	5.37E-04	2.11E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	5.37E-04
6007	ALL	650617.3	4188492	NonCancer	0.00E+00	2.14E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
6008	ALL	650607.9	4188469	NonCancer	0.00E+00	2.20E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.20E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
6009	ALL	650598.4	4188446	NonCancer	0.00E+00	2.18E-05	5.54E-04	0.00E+00	0.00E+00	5.54E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	5.54E-04
6010	ALL	650589	4188423	NonCancer	0.00E+00	2.12E-05	5.38E-04	0.00E+00	0.00E+00	5.38E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
6011	ALL	650579.5	4188401	NonCancer	0.00E+00	2.13E-05	5.43E-04	0.00E+00	0.00E+00	5.43E-04	2.13E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	5.43E-04
6012	ALL	650570	4188378	NonCancer	0.00E+00	2.16E-05	5.50E-04	0.00E+00	0.00E+00	5.50E-04	2.16E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	5.50E-04
6013	ALL	650560.6	4188355	NonCancer	0.00E+00	2.18E-05	5.55E-04	0.00E+00	0.00E+00	5.55E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	5.55E-04
6014	ALL	650551.1	4188333	NonCancer	0.00E+00	2.15E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
6015	ALL	650541.7	4188310	NonCancer	0.00E+00	2.10E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
6016	ALL	650532.2	4188287	NonCancer	0.00E+00	2.10E-05	5.36E-04	0.00E+00	0.00E+00	5.36E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	5.36E-04
6017	ALL	650522.8	4188264	NonCancer	0.00E+00	2.17E-05	5.51E-04	0.00E+00	0.00E+00	5.51E-04	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	5.51E-04
6018	ALL	650513.3	4188242	NonCancer	0.00E+00	2.18E-05	5.53E-04	0.00E+00	0.00E+00	5.53E-04	2.18E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	5.53E-04
6019	ALL	650503.9	4188219	NonCancer	0.00E+00	2.12E-05	5.39E-04	0.00E+00	0.00E+00	5.39E-04	2.12E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	5.39E-04
6020	ALL	650494.4	4188196	NonCancer	0.00E+00	2.01E-05	5.17E-04	0.00E+00	0.00E+00	5.17E-04	2.01E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	5.17E-04
6021	ALL	650484.9	4188174	NonCancer	0.00E+00	2.08E-05	5.33E-04	0.00E+00	0.00E+00	5.33E-04	2.08E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	5.33E-04
6022	ALL	650475.5	4188151	NonCancer	0.00E+00	2.15E-05	5.46E-04	0.00E+00	0.00E+00	5.46E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	5.46E-04
6023	ALL	650466	4188128	NonCancer	0.00E+00	2.15E-05	5.45E-04	0.00E+00	0.00E+00	5.45E-04	2.15E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	5.45E-04
6024	ALL	650456.6	4188105	NonCancer	0.00E+00	2.09E-05	5.31E-04	0.00E+00	0.00E+00	5.31E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	5.31E-04
6025	ALL	650447.1	4188083	NonCancer	0.00E+00	2.10E-05	5.32E-04	0.00E+00	0.00E+00	5.32E-04	2.10E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	5.32E-04
6026	ALL	650437.7	4188060	NonCancer	0.00E+00	2.06E-05	5.24E-04	0.00E+00	0.00E+00	5.24E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	5.24E-04
6027	ALL	650428.2	4188037	NonCancer	0.00E+00	2.05E-05	5.21E-04	0.00E+00	0.00E+00	5.21E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	5.21E-04
6028	ALL	650418.7	4188015	NonCancer	0.00E+00	2.05E-05	5.23E-04	0.00E+00	0.00E+00	5.23E-04	2.05E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	5.23E-04
6029	ALL	650409.3	4187992	NonCancer	0.00E+00	2.06E-05	5.24E-04	0.00E+00	0.00E+00	5.24E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	5.24E-04
6030	ALL	650399.8	4187969	NonCancer	0.00E+00	2.09E-05	5.30E-04	0.00E+00	0.00E+00	5.30E-04	2.09E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	5.30E-04
6031	ALL	650390.4	4187946	NonCancer	0.00E+00	2.06E-05	5.22E-04	0.00E+00	0.00E+00	5.22E-04	2.06E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	5.22E-04
6032	ALL	650380.9	4187924	NonCancer	0.00E+00	1.98E-05	5.03E-04	0.00E+00	0.00E+00	5.03E-04	1.98E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	5.03E-04
6033	ALL	650371.5	4187901	NonCancer	0.00E+00	1.85E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.85E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
6034	ALL	650362	4187878	NonCancer	0.00E+00	1.79E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
6035	ALL	650352.6	4187856	NonCancer	0.00E+00	1.76E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
6036	ALL	651094	4190815	NonCancer	0.00E+00	1.14E-05	2.91E-04	0.00E+00	0.00E+00	2.91E-04	1.14E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	2.91E-04
6037	ALL	651084.6	4190792	NonCancer	0.00E+00	1.13E-05	2.89E-04	0.00E+00	0.00E+00	2.89E-04	1.13E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	2.89E-04
6038	ALL	651075.1	4190770	NonCancer	0.00E+00	1.16E-05	2.94E-04	0.00E+00	0.00E+00	2.94E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	2.94E-04
6039	ALL	651065.7	4190747	NonCancer	0.00E+00	1.18E-05	3.01E-04	0.00E+00	0.00E+00	3.01E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	3.01E-04
6040	ALL	651056.3	4190724	NonCancer	0.00E+00	1.19E-05	3.02E-04	0.00E+00	0.00E+00	3.02E-04	1.19E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	3.02E-04
6041	ALL	651046.8	4190702	NonCancer	0.00E+00	1.17E-05	2.99E-04	0.00E+00	0.00E+00	2.99E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.99E-04
6042	ALL	651037.4	4190679	NonCancer	0.00E+00	1.20E-05	3.05E-04	0.00E+00	0.00E+00	3.05E-04	1.20E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	3.05E-04
6043	ALL	651028	4190656	NonCancer	0.00E+00	1.21E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
6044	ALL	651018.5	4190634	NonCancer	0.00E+00	1.19E-05	3.02E-04	0.00E+00	0.00E+00	3.02E-04	1.19E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	3.02E-04
6045	ALL	651009.1	4190611	NonCancer	0.00E+00	1.16E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
6046	ALL	650999.6	4190588	NonCancer	0.00E+00	1.17E-05	2.97E-04	0.00E+00	0.00E+00	2.97E-04	1.17E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.97E-04
6047	ALL	650990.2	4190566	NonCancer	0.00E+00	1.22E-05	3.07E-04	0.00E+00	0.00E+00	3.07E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	3.07E-04
6048	ALL	650980.8	4190543	NonCancer	0.00E+00	1.24E-05	3.14E-04	0.00E+00	0.00E+00	3.14E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	3.14E-04
6049	ALL	650971.3	4190520	NonCancer	0.00E+00	1.24E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04

6050	ALL	650961.9	4190497	NonCancer	0.00E+00	1.21E-05	3.06E-04	0.00E+00	0.00E+00	3.06E-04	1.21E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	3.06E-04
6051	ALL	650952.5	4190475	NonCancer	0.00E+00	1.23E-05	3.11E-04	0.00E+00	0.00E+00	3.11E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	3.11E-04
6052	ALL	650943	4190452	NonCancer	0.00E+00	1.23E-05	3.12E-04	0.00E+00	0.00E+00	3.12E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	3.12E-04
6053	ALL	650933.6	4190429	NonCancer	0.00E+00	1.25E-05	3.19E-04	0.00E+00	0.00E+00	3.19E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	3.19E-04
6054	ALL	650924.1	4190407	NonCancer	0.00E+00	1.27E-05	3.23E-04	0.00E+00	0.00E+00	3.23E-04	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	3.23E-04
6055	ALL	650914.7	4190384	NonCancer	0.00E+00	1.26E-05	3.21E-04	0.00E+00	0.00E+00	3.21E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	3.21E-04
6056	ALL	650905.3	4190361	NonCancer	0.00E+00	1.22E-05	3.13E-04	0.00E+00	0.00E+00	3.13E-04	1.22E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	3.13E-04
6057	ALL	650895.8	4190339	NonCancer	0.00E+00	1.16E-05	3.00E-04	0.00E+00	0.00E+00	3.00E-04	1.16E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	3.00E-04
6058	ALL	650886.4	4190316	NonCancer	0.00E+00	1.18E-05	3.04E-04	0.00E+00	0.00E+00	3.04E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.04E-04
6059	ALL	650877	4190293	NonCancer	0.00E+00	1.32E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
6060	ALL	650867.5	4190271	NonCancer	0.00E+00	1.47E-05	3.75E-04	0.00E+00	0.00E+00	3.75E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
6061	ALL	650858.1	4190248	NonCancer	0.00E+00	1.58E-05	4.00E-04	0.00E+00	0.00E+00	4.00E-04	1.58E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.00E-04
6062	ALL	650848.6	4190225	NonCancer	0.00E+00	1.63E-05	4.11E-04	0.00E+00	0.00E+00	4.11E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	4.11E-04
6063	ALL	650839.2	4190203	NonCancer	0.00E+00	1.61E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
6064	ALL	650829.8	4190180	NonCancer	0.00E+00	1.53E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
6065	ALL	650820.3	4190157	NonCancer	0.00E+00	1.39E-05	3.59E-04	0.00E+00	0.00E+00	3.59E-04	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	3.59E-04
6066	ALL	650810.9	4190135	NonCancer	0.00E+00	1.24E-05	3.22E-04	0.00E+00	0.00E+00	3.22E-04	1.24E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	3.22E-04
6067	ALL	650801.5	4190112	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
6068	ALL	650792	4190089	NonCancer	0.00E+00	1.26E-05	3.20E-04	0.00E+00	0.00E+00	3.20E-04	1.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	3.20E-04
6069	ALL	650782.6	4190067	NonCancer	0.00E+00	1.23E-05	3.15E-04	0.00E+00	0.00E+00	3.15E-04	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	3.15E-04
6070	ALL	650773.1	4190044	NonCancer	0.00E+00	1.25E-05	3.17E-04	0.00E+00	0.00E+00	3.17E-04	1.25E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	3.17E-04
6071	ALL	650763.7	4190021	NonCancer	0.00E+00	1.28E-05	3.26E-04	0.00E+00	0.00E+00	3.26E-04	1.28E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	3.26E-04
6072	ALL	650754.3	4189999	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
6073	ALL	650744.8	4189976	NonCancer	0.00E+00	1.33E-05	3.39E-04	0.00E+00	0.00E+00	3.39E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	3.39E-04
6074	ALL	650735.4	4189953	NonCancer	0.00E+00	1.32E-05	3.35E-04	0.00E+00	0.00E+00	3.35E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.35E-04
6075	ALL	650726	4189931	NonCancer	0.00E+00	1.34E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
6076	ALL	650716.5	4189908	NonCancer	0.00E+00	1.34E-05	3.42E-04	0.00E+00	0.00E+00	3.42E-04	1.34E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	3.42E-04
6077	ALL	650707.1	4189885	NonCancer	0.00E+00	1.32E-05	3.36E-04	0.00E+00	0.00E+00	3.36E-04	1.32E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	3.36E-04
6078	ALL	650697.7	4189863	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
6079	ALL	650688.2	4189840	NonCancer	0.00E+00	1.29E-05	3.28E-04	0.00E+00	0.00E+00	3.28E-04	1.29E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.28E-04
6080	ALL	650678.8	4189817	NonCancer	0.00E+00	1.31E-05	3.34E-04	0.00E+00	0.00E+00	3.34E-04	1.31E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	3.34E-04
6081	ALL	650669.3	4189795	NonCancer	0.00E+00	1.33E-05	3.41E-04	0.00E+00	0.00E+00	3.41E-04	1.33E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	3.41E-04
6082	ALL	650659.9	4189772	NonCancer	0.00E+00	1.38E-05	3.58E-04	0.00E+00	0.00E+00	3.58E-04	1.38E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	3.58E-04
6083	ALL	650650.5	4189749	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
6084	ALL	650641	4189727	NonCancer	0.00E+00	1.60E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
6085	ALL	650631.6	4189704	NonCancer	0.00E+00	1.66E-05	4.22E-04	0.00E+00	0.00E+00	4.22E-04	1.66E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	4.22E-04
6086	ALL	650622.2	4189681	NonCancer	0.00E+00	1.67E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
6087	ALL	650612.7	4189659	NonCancer	0.00E+00	1.63E-05	4.15E-04	0.00E+00	0.00E+00	4.15E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	4.15E-04
6088	ALL	650603.3	4189636	NonCancer	0.00E+00	1.56E-05	4.01E-04	0.00E+00	0.00E+00	4.01E-04	1.56E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	4.01E-04
6089	ALL	650593.8	4189613	NonCancer	0.00E+00	1.68E-05	4.29E-04	0.00E+00	0.00E+00	4.29E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	4.29E-04
6090	ALL	650584.4	4189591	NonCancer	0.00E+00	1.76E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
6091	ALL	650575	4189568	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
6092	ALL	650565.5	4189545	NonCancer	0.00E+00	1.73E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
6093	ALL	650556.1	4189523	NonCancer	0.00E+00	1.68E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
6094	ALL	650546.7	4189500	NonCancer	0.00E+00	1.67E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
6095	ALL	650537.2	4189477	NonCancer	0.00E+00	1.64E-05	4.23E-04	0.00E+00	0.00E+00	4.23E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	4.23E-04
6096	ALL	650527.8	4189455	NonCancer	0.00E+00	1.76E-05	4.51E-04	0.00E+00	0.00E+00	4.51E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	4.51E-04
6097	ALL	650518.3	4189432	NonCancer	0.00E+00	1.84E-05	4.70E-04	0.00E+00	0.00E+00	4.70E-04	1.84E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	4.70E-04
6098	ALL	650508.9	4189409	NonCancer	0.00E+00	1.88E-05	4.79E-04	0.00E+00	0.00E+00	4.79E-04	1.88E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	4.79E-04
6099	ALL	650499.5	4189387	NonCancer	0.00E+00	1.87E-05	4.77E-04	0.00E+00	0.00E+00	4.77E-04	1.87E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	4.77E-04

6100	ALL	650490	4189364	NonCancer	0.00E+00	1.82E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.82E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
6101	ALL	650480.6	4189341	NonCancer	0.00E+00	1.78E-05	4.64E-04	0.00E+00	0.00E+00	4.64E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	4.64E-04
6102	ALL	650471.2	4189319	NonCancer	0.00E+00	1.89E-05	4.95E-04	0.00E+00	0.00E+00	4.95E-04	1.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	4.95E-04
6103	ALL	650461.7	4189296	NonCancer	0.00E+00	1.95E-05	5.19E-04	0.00E+00	0.00E+00	5.19E-04	1.95E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	5.19E-04
6104	ALL	650452.3	4189273	NonCancer	0.00E+00	2.07E-05	5.58E-04	0.00E+00	0.00E+00	5.58E-04	2.07E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	5.58E-04
6105	ALL	650442.8	4189251	NonCancer	0.00E+00	2.39E-05	6.31E-04	0.00E+00	0.00E+00	6.31E-04	2.39E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	6.31E-04
6106	ALL	650433.4	4189228	NonCancer	0.00E+00	2.69E-05	7.03E-04	0.00E+00	0.00E+00	7.03E-04	2.69E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	7.03E-04
6107	ALL	650424	4189205	NonCancer	0.00E+00	2.97E-05	7.65E-04	0.00E+00	0.00E+00	7.65E-04	2.97E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	7.65E-04
6108	ALL	650414.5	4189183	NonCancer	0.00E+00	3.20E-05	8.17E-04	0.00E+00	0.00E+00	8.17E-04	3.20E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	8.17E-04
6109	ALL	650405.1	4189160	NonCancer	0.00E+00	3.38E-05	8.57E-04	0.00E+00	0.00E+00	8.57E-04	3.38E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	8.57E-04
6110	ALL	650395.7	4189137	NonCancer	0.00E+00	3.48E-05	8.80E-04	0.00E+00	0.00E+00	8.80E-04	3.48E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	8.80E-04
6111	ALL	650386.2	4189115	NonCancer	0.00E+00	3.51E-05	8.85E-04	0.00E+00	0.00E+00	8.85E-04	3.51E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	8.85E-04
6112	ALL	650376.8	4189092	NonCancer	0.00E+00	3.46E-05	8.73E-04	0.00E+00	0.00E+00	8.73E-04	3.46E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	8.73E-04
6113	ALL	650367.3	4189069	NonCancer	0.00E+00	3.33E-05	8.44E-04	0.00E+00	0.00E+00	8.44E-04	3.33E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	8.44E-04
6114	ALL	650357.9	4189047	NonCancer	0.00E+00	3.14E-05	8.00E-04	0.00E+00	0.00E+00	8.00E-04	3.14E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	8.00E-04
6115	ALL	650348.5	4189024	NonCancer	0.00E+00	2.89E-05	7.44E-04	0.00E+00	0.00E+00	7.44E-04	2.89E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	7.44E-04
6116	ALL	650339	4189001	NonCancer	0.00E+00	2.61E-05	6.78E-04	0.00E+00	0.00E+00	6.78E-04	2.61E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	6.78E-04
6117	ALL	650329.6	4188979	NonCancer	0.00E+00	2.30E-05	6.07E-04	0.00E+00	0.00E+00	6.07E-04	2.30E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	6.07E-04
6118	ALL	650320.2	4188956	NonCancer	0.00E+00	1.99E-05	5.34E-04	0.00E+00	0.00E+00	5.34E-04	1.99E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	5.34E-04
6119	ALL	650310.7	4188933	NonCancer	0.00E+00	1.75E-05	4.73E-04	0.00E+00	0.00E+00	4.73E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	4.73E-04
6120	ALL	650301.3	4188911	NonCancer	0.00E+00	1.80E-05	4.69E-04	0.00E+00	0.00E+00	4.69E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	4.69E-04
6121	ALL	650291.8	4188888	NonCancer	0.00E+00	1.81E-05	4.62E-04	0.00E+00	0.00E+00	4.62E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	4.62E-04
6122	ALL	650282.4	4188865	NonCancer	0.00E+00	1.77E-05	4.50E-04	0.00E+00	0.00E+00	4.50E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	4.50E-04
6123	ALL	650273	4188843	NonCancer	0.00E+00	1.71E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
6124	ALL	650263.5	4188820	NonCancer	0.00E+00	1.71E-05	4.35E-04	0.00E+00	0.00E+00	4.35E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	4.35E-04
6125	ALL	650254.1	4188797	NonCancer	0.00E+00	1.67E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
6126	ALL	650244.7	4188775	NonCancer	0.00E+00	1.71E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
6127	ALL	650235.2	4188752	NonCancer	0.00E+00	1.68E-05	4.27E-04	0.00E+00	0.00E+00	4.27E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	4.27E-04
6128	ALL	650225.8	4188729	NonCancer	0.00E+00	1.61E-05	4.09E-04	0.00E+00	0.00E+00	4.09E-04	1.61E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	4.09E-04
6129	ALL	650216.3	4188707	NonCancer	0.00E+00	1.48E-05	3.80E-04	0.00E+00	0.00E+00	3.80E-04	1.48E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	3.80E-04
6130	ALL	650206.9	4188684	NonCancer	0.00E+00	1.40E-05	3.64E-04	0.00E+00	0.00E+00	3.64E-04	1.40E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	3.64E-04
6131	ALL	650197.5	4188661	NonCancer	0.00E+00	1.51E-05	3.90E-04	0.00E+00	0.00E+00	3.90E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	3.90E-04
6132	ALL	650188	4188639	NonCancer	0.00E+00	1.63E-05	4.17E-04	0.00E+00	0.00E+00	4.17E-04	1.63E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	4.17E-04
6133	ALL	650178.6	4188616	NonCancer	0.00E+00	1.70E-05	4.34E-04	0.00E+00	0.00E+00	4.34E-04	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	4.34E-04
6134	ALL	650169.2	4188593	NonCancer	0.00E+00	1.73E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
6135	ALL	650159.7	4188571	NonCancer	0.00E+00	1.75E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
6136	ALL	650150.3	4188548	NonCancer	0.00E+00	1.80E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.80E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
6137	ALL	650140.9	4188525	NonCancer	0.00E+00	1.81E-05	4.59E-04	0.00E+00	0.00E+00	4.59E-04	1.81E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.59E-04
6138	ALL	650131.4	4188503	NonCancer	0.00E+00	1.76E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.76E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
6139	ALL	650122	4188480	NonCancer	0.00E+00	1.75E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
6140	ALL	650112.5	4188457	NonCancer	0.00E+00	1.74E-05	4.45E-04	0.00E+00	0.00E+00	4.45E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	4.45E-04
6141	ALL	650103.1	4188435	NonCancer	0.00E+00	1.78E-05	4.53E-04	0.00E+00	0.00E+00	4.53E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	4.53E-04
6142	ALL	650093.7	4188412	NonCancer	0.00E+00	1.79E-05	4.56E-04	0.00E+00	0.00E+00	4.56E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	4.56E-04
6143	ALL	650084.2	4188389	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
6144	ALL	650074.8	4188367	NonCancer	0.00E+00	1.72E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04
6145	ALL	650065.4	4188344	NonCancer	0.00E+00	1.73E-05	4.41E-04	0.00E+00	0.00E+00	4.41E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	4.41E-04
6146	ALL	650055.9	4188321	NonCancer	0.00E+00	1.75E-05	4.47E-04	0.00E+00	0.00E+00	4.47E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	4.47E-04
6147	ALL	650046.5	4188299	NonCancer	0.00E+00	1.79E-05	4.55E-04	0.00E+00	0.00E+00	4.55E-04	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	4.55E-04
6148	ALL	650037	4188276	NonCancer	0.00E+00	1.78E-05	4.52E-04	0.00E+00	0.00E+00	4.52E-04	1.78E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	4.52E-04
6149	ALL	650027.6	4188253	NonCancer	0.00E+00	1.73E-05	4.39E-04	0.00E+00	0.00E+00	4.39E-04	1.73E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	4.39E-04

6150	ALL	650018.2	4188230	NonCancer	0.00E+00	1.64E-05	4.21E-04	0.00E+00	0.00E+00	4.21E-04	1.64E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	4.21E-04
6151	ALL	650008.7	4188208	NonCancer	0.00E+00	1.69E-05	4.33E-04	0.00E+00	0.00E+00	4.33E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	4.33E-04
6152	ALL	649999.3	4188185	NonCancer	0.00E+00	1.75E-05	4.46E-04	0.00E+00	0.00E+00	4.46E-04	1.75E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	4.46E-04
6153	ALL	649989.9	4188162	NonCancer	0.00E+00	1.77E-05	4.49E-04	0.00E+00	0.00E+00	4.49E-04	1.77E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	4.49E-04
6154	ALL	649980.4	4188140	NonCancer	0.00E+00	1.74E-05	4.43E-04	0.00E+00	0.00E+00	4.43E-04	1.74E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	4.43E-04
6155	ALL	649971	4188117	NonCancer	0.00E+00	1.71E-05	4.36E-04	0.00E+00	0.00E+00	4.36E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	4.36E-04
6156	ALL	649961.5	4188094	NonCancer	0.00E+00	1.72E-05	4.38E-04	0.00E+00	0.00E+00	4.38E-04	1.72E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	4.38E-04
6157	ALL	649952.1	4188072	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
6158	ALL	649942.7	4188049	NonCancer	0.00E+00	1.68E-05	4.28E-04	0.00E+00	0.00E+00	4.28E-04	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	4.28E-04
6159	ALL	649933.2	4188026	NonCancer	0.00E+00	1.69E-05	4.30E-04	0.00E+00	0.00E+00	4.30E-04	1.69E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	4.30E-04
6160	ALL	649923.8	4188004	NonCancer	0.00E+00	1.67E-05	4.26E-04	0.00E+00	0.00E+00	4.26E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	4.26E-04
6161	ALL	649914.4	4187981	NonCancer	0.00E+00	1.71E-05	4.34E-04	0.00E+00	0.00E+00	4.34E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	4.34E-04
6162	ALL	649904.9	4187958	NonCancer	0.00E+00	1.71E-05	4.34E-04	0.00E+00	0.00E+00	4.34E-04	1.71E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	4.34E-04
6163	ALL	649895.5	4187936	NonCancer	0.00E+00	1.67E-05	4.24E-04	0.00E+00	0.00E+00	4.24E-04	1.67E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
6164	ALL	649886	4187913	NonCancer	0.00E+00	1.60E-05	4.08E-04	0.00E+00	0.00E+00	4.08E-04	1.60E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	4.08E-04
6165	ALL	649876.6	4187890	NonCancer	0.00E+00	1.51E-05	3.87E-04	0.00E+00	0.00E+00	3.87E-04	1.51E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.87E-04
6166	ALL	649867.2	4187868	NonCancer	0.00E+00	1.47E-05	3.76E-04	0.00E+00	0.00E+00	3.76E-04	1.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	3.76E-04
6167	ALL	649857.7	4187845	NonCancer	0.00E+00	1.42E-05	3.68E-04	0.00E+00	0.00E+00	3.68E-04	1.42E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	3.68E-04
6168	ALL	651107.8	4190835	NonCancer	0.00E+00	1.18E-05	2.99E-04	0.00E+00	0.00E+00	2.99E-04	1.18E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.99E-04
6169	ALL	653689.9	4187979	NonCancer	0.00E+00	5.62E-03	1.50E-01	0.00E+00	0.00E+00	1.50E-01	5.62E-03	0.00E+00	5.62E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00	1.50E-01
6170	ALL	653699	4187987	NonCancer	0.00E+00	4.62E-03	1.17E-01	0.00E+00	0.00E+00	1.17E-01	4.62E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	1.17E-01
6171	ALL	653712.3	4187989	NonCancer	0.00E+00	4.75E-03	1.46E-01	0.00E+00	0.00E+00	1.46E-01	4.75E-03	0.00E+00	4.75E-03	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	1.46E-01
6172	ALL	653810.5	4187989	NonCancer	0.00E+00	2.48E-03	5.96E-02	0.00E+00	0.00E+00	5.96E-02	2.48E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	5.96E-02	0.00E+00	0.00E+00	5.96E-02
6173	ALL	653818.4	4187878	NonCancer	0.00E+00	1.51E-03	3.68E-02	0.00E+00	0.00E+00	3.68E-02	1.51E-03	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	3.68E-02
6174	ALL	653694.5	4187874	NonCancer	0.00E+00	1.71E-03	4.41E-02	0.00E+00	0.00E+00	4.41E-02	1.71E-03	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.41E-02	0.00E+00	0.00E+00	4.41E-02

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		653690.1	4187328	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.51E-05	0.00E+00	6.05E-06	0.00E+00	1.61E-07	9.30E-05	0.00E+00	0.00E+00	9.30E-05
2	ALL		653710.1	4187328	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.51E-05	0.00E+00	5.96E-06	0.00E+00	1.59E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
3	ALL		653730.1	4187328	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.52E-05	0.00E+00	5.92E-06	0.00E+00	1.58E-07	9.17E-05	0.00E+00	0.00E+00	9.17E-05
4	ALL		653750.1	4187328	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.55E-05	0.00E+00	5.95E-06	0.00E+00	1.58E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
5	ALL		653770.1	4187328	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.60E-05	0.00E+00	6.02E-06	0.00E+00	1.60E-07	9.33E-05	0.00E+00	0.00E+00	9.33E-05
6	ALL		653790.1	4187328	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.66E-05	0.00E+00	6.14E-06	0.00E+00	1.64E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
7	ALL		653810.1	4187328	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.72E-05	0.00E+00	6.29E-06	0.00E+00	1.67E-07	9.72E-05	0.00E+00	0.00E+00	9.72E-05
8	ALL		653830.1	4187328	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.79E-05	0.00E+00	6.43E-06	0.00E+00	1.71E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
9	ALL		653850.1	4187328	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.84E-05	0.00E+00	6.56E-06	0.00E+00	1.75E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
10	ALL		653870.1	4187328	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.88E-05	0.00E+00	6.65E-06	0.00E+00	1.77E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
11	ALL		653890.1	4187328	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.92E-05	0.00E+00	6.72E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
12	ALL		653910.1	4187328	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.94E-05	0.00E+00	6.77E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
13	ALL		653930.1	4187328	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.96E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
14	ALL		653950.1	4187328	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.98E-05	0.00E+00	6.86E-06	0.00E+00	1.83E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
15	ALL		653970.1	4187328	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	3.98E-05	0.00E+00	6.90E-06	0.00E+00	1.84E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
16	ALL		653990.1	4187328	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.97E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
17	ALL		654010.1	4187328	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.94E-05	0.00E+00	6.92E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
18	ALL		654030.1	4187328	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	3.90E-05	0.00E+00	6.87E-06	0.00E+00	1.84E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
19	ALL		654050.1	4187328	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.85E-05	0.00E+00	6.79E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
20	ALL		654070.1	4187328	NonCancer	0.00E+00	2.68E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	3.78E-05	0.00E+00	6.66E-06	0.00E+00	1.78E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
21	ALL		654090.1	4187328	NonCancer	0.00E+00	2.62E-06	0.00E+00	1.74E-07	1.74E-07	1.74E-07	3.71E-05	0.00E+00	6.51E-06	0.00E+00	1.74E-07	9.97E-05	0.00E+00	0.00E+00	9.97E-05
22	ALL		654110.1	4187328	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.65E-05	0.00E+00	6.36E-06	0.00E+00	1.70E-07	9.75E-05	0.00E+00	0.00E+00	9.75E-05
23	ALL		654130.1	4187328	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.58E-05	0.00E+00	6.22E-06	0.00E+00	1.66E-07	9.55E-05	0.00E+00	0.00E+00	9.55E-05
24	ALL		654150.1	4187328	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.63E-07	1.63E-07	1.63E-07	3.53E-05	0.00E+00	6.10E-06	0.00E+00	1.63E-07	9.37E-05	0.00E+00	0.00E+00	9.37E-05
25	ALL		654170.1	4187328	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.48E-05	0.00E+00	6.01E-06	0.00E+00	1.60E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
26	ALL		654190.1	4187328	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.44E-05	0.00E+00	5.94E-06	0.00E+00	1.58E-07	9.12E-05	0.00E+00	0.00E+00	9.12E-05
27	ALL		654210.1	4187328	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.40E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	9.03E-05	0.00E+00	0.00E+00	9.03E-05
28	ALL		654230.1	4187328	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.36E-05	0.00E+00	5.84E-06	0.00E+00	1.56E-07	8.96E-05	0.00E+00	0.00E+00	8.96E-05
29	ALL		654250.1	4187328	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.33E-05	0.00E+00	5.80E-06	0.00E+00	1.55E-07	8.88E-05	0.00E+00	0.00E+00	8.88E-05
30	ALL		654270.1	4187328	NonCancer	0.00E+00	2.31E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.29E-05	0.00E+00	5.75E-06	0.00E+00	1.53E-07	8.80E-05	0.00E+00	0.00E+00	8.80E-05
31	ALL		654290.1	4187328	NonCancer	0.00E+00	2.29E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.25E-05	0.00E+00	5.70E-06	0.00E+00	1.52E-07	8.72E-05	0.00E+00	0.00E+00	8.72E-05
32	ALL		654310.1	4187328	NonCancer	0.00E+00	2.27E-06	0.00E+00	1.51E-07	1.51E-07	1.51E-07	3.21E-05	0.00E+00	5.64E-06	0.00E+00	1.51E-07	8.62E-05	0.00E+00	0.00E+00	8.62E-05
33	ALL		654330.1	4187328	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.17E-05	0.00E+00	5.57E-06	0.00E+00	1.49E-07	8.51E-05	0.00E+00	0.00E+00	8.51E-05
34	ALL		654350.1	4187328	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.12E-05	0.00E+00	5.49E-06	0.00E+00	1.47E-07	8.39E-05	0.00E+00	0.00E+00	8.39E-05
35	ALL		654370.1	4187328	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.07E-05	0.00E+00	5.41E-06	0.00E+00	1.44E-07	8.26E-05	0.00E+00	0.00E+00	8.26E-05
36	ALL		654390.1	4187328	NonCancer	0.00E+00	2.14E-06	0.00E+00	1.42E-07	1.42E-07	1.42E-07	3.02E-05	0.00E+00	5.31E-06	0.00E+00	1.42E-07	8.12E-05	0.00E+00	0.00E+00	8.12E-05
37	ALL		654410.1	4187328	NonCancer	0.00E+00	2.10E-06	0.00E+00	1.39E-07	1.39E-07	1.39E-07	2.96E-05	0.00E+00	5.22E-06	0.00E+00	1.39E-07	7.97E-05	0.00E+00	0.00E+00	7.97E-05
38	ALL		654430.1	4187328	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	2.91E-05	0.00E+00	5.12E-06	0.00E+00	1.37E-07	7.82E-05	0.00E+00	0.00E+00	7.82E-05
39	ALL		654450.1	4187328	NonCancer	0.00E+00	2.02E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	2.85E-05	0.00E+00	5.02E-06	0.00E+00	1.34E-07	7.67E-05	0.00E+00	0.00E+00	7.67E-05
40	ALL		654470.1	4187328	NonCancer	0.00E+00	1.98E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	2.80E-05	0.00E+00	4.92E-06	0.00E+00	1.31E-07	7.52E-05	0.00E+00	0.00E+00	7.52E-05
41	ALL		654490.1	4187328	NonCancer	0.00E+00	1.94E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.75E-05	0.00E+00	4.82E-06	0.00E+00	1.29E-07	7.37E-05	0.00E+00	0.00E+00	7.37E-05
42	ALL		653690.1	4187348	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.71E-05	0.00E+00	6.39E-06	0.00E+00	1.70E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
43	ALL		653710.1	4187348	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	3.70E-05	0.00E+00	6.30E-06	0.00E+00	1.68E-07	9.72E-05	0.00E+00	0.00E+00	9.72E-05
44	ALL		653730.1	4187348	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.71E-05	0.00E+00	6.26E-06	0.00E+00	1.67E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
45	ALL		653750.1	4187348	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.75E-05	0.00E+00	6.28E-06	0.00E+00	1.67E-07	9.73E-05	0.00E+00	0.00E+00	9.73E-05
46	ALL		653770.1	4187348	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.80E-05	0.00E+00	6.37E-06	0.00E+00	1.70E-07	9.87E-05	0.00E+00	0.00E+00	9.87E-05
47	ALL		653790.1	4187348	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.87E-05	0.00E+00	6.50E-06	0.00E+00	1.73E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
48	ALL		653810.1	4187348	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.94E-05	0.00E+00	6.66E-06	0.00E+00	1.77E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
49	ALL		653830.1	4187348	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	4.00E-05	0.00E+00	6.81E-06	0.00E+00	1.82E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04

50	ALL	653850.1	4187348	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.06E-05	0.00E+00	6.95E-06	0.00E+00	1.85E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
51	ALL	653870.1	4187348	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.11E-05	0.00E+00	7.04E-06	0.00E+00	1.88E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
52	ALL	653890.1	4187348	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.14E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
53	ALL	653910.1	4187348	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.17E-05	0.00E+00	7.16E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
54	ALL	653930.1	4187348	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.19E-05	0.00E+00	7.22E-06	0.00E+00	1.92E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
55	ALL	653950.1	4187348	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.20E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
56	ALL	653970.1	4187348	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.19E-05	0.00E+00	7.30E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
57	ALL	653990.1	4187348	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.17E-05	0.00E+00	7.32E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
58	ALL	654010.1	4187348	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.14E-05	0.00E+00	7.29E-06	0.00E+00	1.95E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
59	ALL	654030.1	4187348	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.09E-05	0.00E+00	7.22E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
60	ALL	654050.1	4187348	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.02E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
61	ALL	654070.1	4187348	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.95E-05	0.00E+00	6.96E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
62	ALL	654090.1	4187348	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.88E-05	0.00E+00	6.79E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
63	ALL	654110.1	4187348	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.81E-05	0.00E+00	6.63E-06	0.00E+00	1.77E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
64	ALL	654130.1	4187348	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.75E-05	0.00E+00	6.50E-06	0.00E+00	1.73E-07	9.97E-05	0.00E+00	0.00E+00	9.97E-05
65	ALL	654150.1	4187348	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.69E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.81E-05	0.00E+00	0.00E+00	9.81E-05
66	ALL	654170.1	4187348	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	3.64E-05	0.00E+00	6.30E-06	0.00E+00	1.68E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
67	ALL	654190.1	4187348	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.60E-05	0.00E+00	6.24E-06	0.00E+00	1.66E-07	9.57E-05	0.00E+00	0.00E+00	9.57E-05
68	ALL	654210.1	4187348	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.56E-05	0.00E+00	6.19E-06	0.00E+00	1.65E-07	9.49E-05	0.00E+00	0.00E+00	9.49E-05
69	ALL	654230.1	4187348	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.52E-05	0.00E+00	6.14E-06	0.00E+00	1.64E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
70	ALL	654250.1	4187348	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.48E-05	0.00E+00	6.09E-06	0.00E+00	1.62E-07	9.32E-05	0.00E+00	0.00E+00	9.32E-05
71	ALL	654270.1	4187348	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.44E-05	0.00E+00	6.03E-06	0.00E+00	1.61E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
72	ALL	654290.1	4187348	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.39E-05	0.00E+00	5.97E-06	0.00E+00	1.59E-07	9.12E-05	0.00E+00	0.00E+00	9.12E-05
73	ALL	654310.1	4187348	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.34E-05	0.00E+00	5.89E-06	0.00E+00	1.57E-07	9.00E-05	0.00E+00	0.00E+00	9.00E-05
74	ALL	654330.1	4187348	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.29E-05	0.00E+00	5.81E-06	0.00E+00	1.55E-07	8.87E-05	0.00E+00	0.00E+00	8.87E-05
75	ALL	654350.1	4187348	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.24E-05	0.00E+00	5.71E-06	0.00E+00	1.53E-07	8.73E-05	0.00E+00	0.00E+00	8.73E-05
76	ALL	654370.1	4187348	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.18E-05	0.00E+00	5.61E-06	0.00E+00	1.50E-07	8.57E-05	0.00E+00	0.00E+00	8.57E-05
77	ALL	654390.1	4187348	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.12E-05	0.00E+00	5.51E-06	0.00E+00	1.47E-07	8.41E-05	0.00E+00	0.00E+00	8.41E-05
78	ALL	654410.1	4187348	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.06E-05	0.00E+00	5.40E-06	0.00E+00	1.44E-07	8.25E-05	0.00E+00	0.00E+00	8.25E-05
79	ALL	654430.1	4187348	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.01E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.08E-05	0.00E+00	0.00E+00	8.08E-05
80	ALL	654450.1	4187348	NonCancer	0.00E+00	2.09E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	2.95E-05	0.00E+00	5.18E-06	0.00E+00	1.38E-07	7.92E-05	0.00E+00	0.00E+00	7.92E-05
81	ALL	654470.1	4187348	NonCancer	0.00E+00	2.04E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	2.89E-05	0.00E+00	5.08E-06	0.00E+00	1.36E-07	7.76E-05	0.00E+00	0.00E+00	7.76E-05
82	ALL	654490.1	4187348	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	2.83E-05	0.00E+00	4.97E-06	0.00E+00	1.33E-07	7.60E-05	0.00E+00	0.00E+00	7.60E-05
83	ALL	653690.1	4187368	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.92E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
84	ALL	653710.1	4187368	NonCancer	0.00E+00	2.68E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	3.91E-05	0.00E+00	6.67E-06	0.00E+00	1.78E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
85	ALL	653730.1	4187368	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.92E-05	0.00E+00	6.63E-06	0.00E+00	1.76E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
86	ALL	653750.1	4187368	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.96E-05	0.00E+00	6.65E-06	0.00E+00	1.77E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
87	ALL	653770.1	4187368	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	4.02E-05	0.00E+00	6.75E-06	0.00E+00	1.80E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
88	ALL	653790.1	4187368	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.10E-05	0.00E+00	6.89E-06	0.00E+00	1.84E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
89	ALL	653810.1	4187368	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.17E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
90	ALL	653830.1	4187368	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.24E-05	0.00E+00	7.23E-06	0.00E+00	1.93E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
91	ALL	653850.1	4187368	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.30E-05	0.00E+00	7.37E-06	0.00E+00	1.97E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
92	ALL	653870.1	4187368	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.35E-05	0.00E+00	7.47E-06	0.00E+00	1.99E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
93	ALL	653890.1	4187368	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.39E-05	0.00E+00	7.54E-06	0.00E+00	2.01E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
94	ALL	653910.1	4187368	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.41E-05	0.00E+00	7.60E-06	0.00E+00	2.03E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
95	ALL	653930.1	4187368	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.43E-05	0.00E+00	7.66E-06	0.00E+00	2.04E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
96	ALL	653950.1	4187368	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.43E-05	0.00E+00	7.71E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
97	ALL	653970.1	4187368	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.42E-05	0.00E+00	7.74E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
98	ALL	653990.1	4187368	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.40E-05	0.00E+00	7.74E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
99	ALL	654010.1	4187368	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.35E-05	0.00E+00	7.69E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04

100	ALL	654030.1	4187368	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.29E-05	0.00E+00	7.59E-06	0.00E+00	2.03E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
101	ALL	654050.1	4187368	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.21E-05	0.00E+00	7.44E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
102	ALL	654070.1	4187368	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.14E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
103	ALL	654090.1	4187368	NonCancer	0.00E+00	2.85E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.06E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
104	ALL	654110.1	4187368	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.99E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
105	ALL	654130.1	4187368	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.92E-05	0.00E+00	6.80E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
106	ALL	654150.1	4187368	NonCancer	0.00E+00	2.69E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.87E-05	0.00E+00	6.70E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
107	ALL	654170.1	4187368	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.82E-05	0.00E+00	6.63E-06	0.00E+00	1.77E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
108	ALL	654190.1	4187368	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.77E-05	0.00E+00	6.57E-06	0.00E+00	1.75E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
109	ALL	654210.1	4187368	NonCancer	0.00E+00	2.62E-06	0.00E+00	1.74E-07	1.74E-07	1.74E-07	3.73E-05	0.00E+00	6.51E-06	0.00E+00	1.74E-07	9.98E-05	0.00E+00	0.00E+00	9.98E-05
110	ALL	654230.1	4187368	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.69E-05	0.00E+00	6.46E-06	0.00E+00	1.72E-07	9.88E-05	0.00E+00	0.00E+00	9.88E-05
111	ALL	654250.1	4187368	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.64E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.78E-05	0.00E+00	0.00E+00	9.78E-05
112	ALL	654270.1	4187368	NonCancer	0.00E+00	2.55E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.59E-05	0.00E+00	6.33E-06	0.00E+00	1.69E-07	9.67E-05	0.00E+00	0.00E+00	9.67E-05
113	ALL	654290.1	4187368	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.54E-05	0.00E+00	6.25E-06	0.00E+00	1.67E-07	9.54E-05	0.00E+00	0.00E+00	9.54E-05
114	ALL	654310.1	4187368	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.48E-05	0.00E+00	6.15E-06	0.00E+00	1.64E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
115	ALL	654330.1	4187368	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.42E-05	0.00E+00	6.05E-06	0.00E+00	1.62E-07	9.24E-05	0.00E+00	0.00E+00	9.24E-05
116	ALL	654350.1	4187368	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.36E-05	0.00E+00	5.94E-06	0.00E+00	1.59E-07	9.07E-05	0.00E+00	0.00E+00	9.07E-05
117	ALL	654370.1	4187368	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.30E-05	0.00E+00	5.82E-06	0.00E+00	1.56E-07	8.89E-05	0.00E+00	0.00E+00	8.89E-05
118	ALL	654390.1	4187368	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.23E-05	0.00E+00	5.71E-06	0.00E+00	1.52E-07	8.72E-05	0.00E+00	0.00E+00	8.72E-05
119	ALL	654410.1	4187368	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.17E-05	0.00E+00	5.59E-06	0.00E+00	1.49E-07	8.54E-05	0.00E+00	0.00E+00	8.54E-05
120	ALL	654430.1	4187368	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.10E-05	0.00E+00	5.47E-06	0.00E+00	1.46E-07	8.36E-05	0.00E+00	0.00E+00	8.36E-05
121	ALL	654450.1	4187368	NonCancer	0.00E+00	2.15E-06	0.00E+00	1.43E-07	1.43E-07	1.43E-07	3.04E-05	0.00E+00	5.35E-06	0.00E+00	1.43E-07	8.18E-05	0.00E+00	0.00E+00	8.18E-05
122	ALL	654470.1	4187368	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	2.97E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.00E-05	0.00E+00	0.00E+00	8.00E-05
123	ALL	654490.1	4187368	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	2.91E-05	0.00E+00	5.12E-06	0.00E+00	1.37E-07	7.83E-05	0.00E+00	0.00E+00	7.83E-05
124	ALL	653690.1	4187388	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.15E-05	0.00E+00	7.18E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
125	ALL	653710.1	4187388	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.14E-05	0.00E+00	7.08E-06	0.00E+00	1.89E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
126	ALL	653730.1	4187388	NonCancer	0.00E+00	2.82E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	4.16E-05	0.00E+00	7.03E-06	0.00E+00	1.87E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
127	ALL	653750.1	4187388	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.20E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
128	ALL	653770.1	4187388	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.27E-05	0.00E+00	7.16E-06	0.00E+00	1.91E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
129	ALL	653790.1	4187388	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.35E-05	0.00E+00	7.33E-06	0.00E+00	1.95E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
130	ALL	653810.1	4187388	NonCancer	0.00E+00	3.02E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.43E-05	0.00E+00	7.51E-06	0.00E+00	2.00E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
131	ALL	653830.1	4187388	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.50E-05	0.00E+00	7.69E-06	0.00E+00	2.05E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
132	ALL	653850.1	4187388	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.57E-05	0.00E+00	7.84E-06	0.00E+00	2.09E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
133	ALL	653870.1	4187388	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.62E-05	0.00E+00	7.94E-06	0.00E+00	2.12E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
134	ALL	653890.1	4187388	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.65E-05	0.00E+00	8.01E-06	0.00E+00	2.14E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
135	ALL	653910.1	4187388	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.68E-05	0.00E+00	8.08E-06	0.00E+00	2.15E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
136	ALL	653930.1	4187388	NonCancer	0.00E+00	3.27E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.69E-05	0.00E+00	8.14E-06	0.00E+00	2.17E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
137	ALL	653950.1	4187388	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.69E-05	0.00E+00	8.19E-06	0.00E+00	2.18E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
138	ALL	653970.1	4187388	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.67E-05	0.00E+00	8.21E-06	0.00E+00	2.19E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
139	ALL	653990.1	4187388	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.63E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
140	ALL	654010.1	4187388	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.57E-05	0.00E+00	8.11E-06	0.00E+00	2.16E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
141	ALL	654030.1	4187388	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.50E-05	0.00E+00	7.97E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
142	ALL	654050.1	4187388	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.42E-05	0.00E+00	7.80E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
143	ALL	654070.1	4187388	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.33E-05	0.00E+00	7.61E-06	0.00E+00	2.03E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
144	ALL	654090.1	4187388	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.25E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
145	ALL	654110.1	4187388	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.18E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
146	ALL	654130.1	4187388	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.12E-05	0.00E+00	7.15E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
147	ALL	654150.1	4187388	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.06E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
148	ALL	654170.1	4187388	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	4.01E-05	0.00E+00	6.99E-06	0.00E+00	1.86E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
149	ALL	654190.1	4187388	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.96E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04

150	ALL	654210.1	4187388	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.92E-05	0.00E+00	6.87E-06	0.00E+00	1.83E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
151	ALL	654230.1	4187388	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.86E-05	0.00E+00	6.80E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
152	ALL	654250.1	4187388	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.81E-05	0.00E+00	6.73E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
153	ALL	654270.1	4187388	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.75E-05	0.00E+00	6.64E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
154	ALL	654290.1	4187388	NonCancer	0.00E+00	2.63E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.69E-05	0.00E+00	6.54E-06	0.00E+00	1.75E-07	9.97E-05	0.00E+00	0.00E+00	9.97E-05
155	ALL	654310.1	4187388	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.63E-05	0.00E+00	6.42E-06	0.00E+00	1.72E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
156	ALL	654330.1	4187388	NonCancer	0.00E+00	2.54E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	3.56E-05	0.00E+00	6.30E-06	0.00E+00	1.68E-07	9.61E-05	0.00E+00	0.00E+00	9.61E-05
157	ALL	654350.1	4187388	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.49E-05	0.00E+00	6.17E-06	0.00E+00	1.65E-07	9.42E-05	0.00E+00	0.00E+00	9.42E-05
158	ALL	654370.1	4187388	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.42E-05	0.00E+00	6.04E-06	0.00E+00	1.61E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
159	ALL	654390.1	4187388	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.35E-05	0.00E+00	5.91E-06	0.00E+00	1.58E-07	9.03E-05	0.00E+00	0.00E+00	9.03E-05
160	ALL	654410.1	4187388	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.28E-05	0.00E+00	5.78E-06	0.00E+00	1.54E-07	8.83E-05	0.00E+00	0.00E+00	8.83E-05
161	ALL	654430.1	4187388	NonCancer	0.00E+00	2.28E-06	0.00E+00	1.51E-07	1.51E-07	1.51E-07	3.21E-05	0.00E+00	5.66E-06	0.00E+00	1.51E-07	8.64E-05	0.00E+00	0.00E+00	8.64E-05
162	ALL	654450.1	4187388	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.13E-05	0.00E+00	5.53E-06	0.00E+00	1.48E-07	8.44E-05	0.00E+00	0.00E+00	8.44E-05
163	ALL	654470.1	4187388	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.06E-05	0.00E+00	5.40E-06	0.00E+00	1.44E-07	8.25E-05	0.00E+00	0.00E+00	8.25E-05
164	ALL	654490.1	4187388	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	2.99E-05	0.00E+00	5.27E-06	0.00E+00	1.41E-07	8.06E-05	0.00E+00	0.00E+00	8.06E-05
165	ALL	653690.1	4187408	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.40E-05	0.00E+00	7.63E-06	0.00E+00	2.03E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
166	ALL	653710.1	4187408	NonCancer	0.00E+00	3.02E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.39E-05	0.00E+00	7.52E-06	0.00E+00	2.01E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
167	ALL	653730.1	4187408	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.41E-05	0.00E+00	7.47E-06	0.00E+00	1.99E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
168	ALL	653750.1	4187408	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.46E-05	0.00E+00	7.50E-06	0.00E+00	2.00E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
169	ALL	653770.1	4187408	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.53E-05	0.00E+00	7.62E-06	0.00E+00	2.03E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
170	ALL	653790.1	4187408	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.62E-05	0.00E+00	7.80E-06	0.00E+00	2.08E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
171	ALL	653810.1	4187408	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.71E-05	0.00E+00	8.01E-06	0.00E+00	2.13E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
172	ALL	653830.1	4187408	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.79E-05	0.00E+00	8.20E-06	0.00E+00	2.19E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
173	ALL	653850.1	4187408	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.86E-05	0.00E+00	8.35E-06	0.00E+00	2.23E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
174	ALL	653870.1	4187408	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.91E-05	0.00E+00	8.45E-06	0.00E+00	2.25E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
175	ALL	653890.1	4187408	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.95E-05	0.00E+00	8.53E-06	0.00E+00	2.28E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
176	ALL	653910.1	4187408	NonCancer	0.00E+00	3.46E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.97E-05	0.00E+00	8.60E-06	0.00E+00	2.29E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
177	ALL	653930.1	4187408	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.98E-05	0.00E+00	8.67E-06	0.00E+00	2.31E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
178	ALL	653950.1	4187408	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.97E-05	0.00E+00	8.71E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
179	ALL	653970.1	4187408	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.94E-05	0.00E+00	8.72E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
180	ALL	653990.1	4187408	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.89E-05	0.00E+00	8.67E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
181	ALL	654010.1	4187408	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.82E-05	0.00E+00	8.55E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
182	ALL	654030.1	4187408	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.24E-07	2.24E-07	2.24E-07	4.73E-05	0.00E+00	8.38E-06	0.00E+00	2.24E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
183	ALL	654050.1	4187408	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.64E-05	0.00E+00	8.18E-06	0.00E+00	2.18E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
184	ALL	654070.1	4187408	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.55E-05	0.00E+00	7.97E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
185	ALL	654090.1	4187408	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.47E-05	0.00E+00	7.79E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
186	ALL	654110.1	4187408	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.39E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
187	ALL	654130.1	4187408	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.33E-05	0.00E+00	7.54E-06	0.00E+00	2.01E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
188	ALL	654150.1	4187408	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.27E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
189	ALL	654170.1	4187408	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.22E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
190	ALL	654190.1	4187408	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.17E-05	0.00E+00	7.32E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
191	ALL	654210.1	4187408	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.11E-05	0.00E+00	7.25E-06	0.00E+00	1.93E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
192	ALL	654230.1	4187408	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.05E-05	0.00E+00	7.16E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
193	ALL	654250.1	4187408	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	3.99E-05	0.00E+00	7.07E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
194	ALL	654270.1	4187408	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.92E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
195	ALL	654290.1	4187408	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.85E-05	0.00E+00	6.83E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
196	ALL	654310.1	4187408	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.78E-05	0.00E+00	6.70E-06	0.00E+00	1.79E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
197	ALL	654330.1	4187408	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.70E-05	0.00E+00	6.56E-06	0.00E+00	1.75E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
198	ALL	654350.1	4187408	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.62E-05	0.00E+00	6.41E-06	0.00E+00	1.71E-07	9.79E-05	0.00E+00	0.00E+00	9.79E-05
199	ALL	654370.1	4187408	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.54E-05	0.00E+00	6.27E-06	0.00E+00	1.67E-07	9.57E-05	0.00E+00	0.00E+00	9.57E-05

200	ALL	654390.1	4187408	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.46E-05	0.00E+00	6.13E-06	0.00E+00	1.64E-07	9.35E-05	0.00E+00	0.00E+00	9.35E-05
201	ALL	654410.1	4187408	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.39E-05	0.00E+00	5.99E-06	0.00E+00	1.60E-07	9.14E-05	0.00E+00	0.00E+00	9.14E-05
202	ALL	654430.1	4187408	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.31E-05	0.00E+00	5.84E-06	0.00E+00	1.56E-07	8.92E-05	0.00E+00	0.00E+00	8.92E-05
203	ALL	654450.1	4187408	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.23E-05	0.00E+00	5.70E-06	0.00E+00	1.52E-07	8.71E-05	0.00E+00	0.00E+00	8.71E-05
204	ALL	654470.1	4187408	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.15E-05	0.00E+00	5.56E-06	0.00E+00	1.49E-07	8.50E-05	0.00E+00	0.00E+00	8.50E-05
205	ALL	654490.1	4187408	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.08E-05	0.00E+00	5.43E-06	0.00E+00	1.45E-07	8.29E-05	0.00E+00	0.00E+00	8.29E-05
206	ALL	653690.1	4187428	NonCancer	0.00E+00	3.27E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.68E-05	0.00E+00	8.13E-06	0.00E+00	2.17E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
207	ALL	653710.1	4187428	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.67E-05	0.00E+00	8.02E-06	0.00E+00	2.14E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
208	ALL	653730.1	4187428	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.69E-05	0.00E+00	7.96E-06	0.00E+00	2.12E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
209	ALL	653750.1	4187428	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.75E-05	0.00E+00	8.00E-06	0.00E+00	2.13E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
210	ALL	653770.1	4187428	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.83E-05	0.00E+00	8.13E-06	0.00E+00	2.17E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
211	ALL	653790.1	4187428	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.93E-05	0.00E+00	8.33E-06	0.00E+00	2.22E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
212	ALL	653810.1	4187428	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	5.02E-05	0.00E+00	8.55E-06	0.00E+00	2.28E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
213	ALL	653830.1	4187428	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	5.11E-05	0.00E+00	8.76E-06	0.00E+00	2.34E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
214	ALL	653850.1	4187428	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.18E-05	0.00E+00	8.91E-06	0.00E+00	2.38E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
215	ALL	653870.1	4187428	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.23E-05	0.00E+00	9.02E-06	0.00E+00	2.41E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
216	ALL	653890.1	4187428	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.27E-05	0.00E+00	9.11E-06	0.00E+00	2.43E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
217	ALL	653910.1	4187428	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.29E-05	0.00E+00	9.19E-06	0.00E+00	2.45E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
218	ALL	653930.1	4187428	NonCancer	0.00E+00	3.72E-06	0.00E+00	2.47E-07	2.47E-07	2.47E-07	5.29E-05	0.00E+00	9.25E-06	0.00E+00	2.47E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
219	ALL	653950.1	4187428	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.27E-05	0.00E+00	9.29E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
220	ALL	653970.1	4187428	NonCancer	0.00E+00	3.73E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.23E-05	0.00E+00	9.27E-06	0.00E+00	2.48E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
221	ALL	653990.1	4187428	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.16E-05	0.00E+00	9.18E-06	0.00E+00	2.45E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
222	ALL	654010.1	4187428	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.08E-05	0.00E+00	9.02E-06	0.00E+00	2.41E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
223	ALL	654030.1	4187428	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.98E-05	0.00E+00	8.82E-06	0.00E+00	2.35E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
224	ALL	654050.1	4187428	NonCancer	0.00E+00	3.46E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.88E-05	0.00E+00	8.59E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
225	ALL	654070.1	4187428	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.24E-07	2.24E-07	2.24E-07	4.78E-05	0.00E+00	8.38E-06	0.00E+00	2.24E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
226	ALL	654090.1	4187428	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.70E-05	0.00E+00	8.21E-06	0.00E+00	2.19E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
227	ALL	654110.1	4187428	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.63E-05	0.00E+00	8.07E-06	0.00E+00	2.15E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
228	ALL	654130.1	4187428	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.56E-05	0.00E+00	7.97E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
229	ALL	654150.1	4187428	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.50E-05	0.00E+00	7.89E-06	0.00E+00	2.11E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
230	ALL	654170.1	4187428	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.45E-05	0.00E+00	7.82E-06	0.00E+00	2.09E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
231	ALL	654190.1	4187428	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.38E-05	0.00E+00	7.74E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
232	ALL	654210.1	4187428	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.32E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
233	ALL	654230.1	4187428	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.25E-05	0.00E+00	7.54E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
234	ALL	654250.1	4187428	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.18E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
235	ALL	654270.1	4187428	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.10E-05	0.00E+00	7.28E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
236	ALL	654290.1	4187428	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.01E-05	0.00E+00	7.13E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
237	ALL	654310.1	4187428	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.93E-05	0.00E+00	6.98E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
238	ALL	654330.1	4187428	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.84E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
239	ALL	654350.1	4187428	NonCancer	0.00E+00	2.68E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	3.76E-05	0.00E+00	6.66E-06	0.00E+00	1.78E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
240	ALL	654370.1	4187428	NonCancer	0.00E+00	2.62E-06	0.00E+00	1.74E-07	1.74E-07	1.74E-07	3.67E-05	0.00E+00	6.50E-06	0.00E+00	1.74E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
241	ALL	654390.1	4187428	NonCancer	0.00E+00	2.55E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.58E-05	0.00E+00	6.35E-06	0.00E+00	1.69E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
242	ALL	654410.1	4187428	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.50E-05	0.00E+00	6.19E-06	0.00E+00	1.65E-07	9.45E-05	0.00E+00	0.00E+00	9.45E-05
243	ALL	654430.1	4187428	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.41E-05	0.00E+00	6.04E-06	0.00E+00	1.61E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
244	ALL	654450.1	4187428	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	8.98E-05	0.00E+00	0.00E+00	8.98E-05
245	ALL	654470.1	4187428	NonCancer	0.00E+00	2.31E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.25E-05	0.00E+00	5.73E-06	0.00E+00	1.53E-07	8.75E-05	0.00E+00	0.00E+00	8.75E-05
246	ALL	654490.1	4187428	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.16E-05	0.00E+00	5.58E-06	0.00E+00	1.49E-07	8.53E-05	0.00E+00	0.00E+00	8.53E-05
247	ALL	653690.1	4187448	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.98E-05	0.00E+00	8.68E-06	0.00E+00	2.32E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
248	ALL	653710.1	4187448	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.98E-05	0.00E+00	8.56E-06	0.00E+00	2.28E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
249	ALL	653730.1	4187448	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	5.00E-05	0.00E+00	8.50E-06	0.00E+00	2.26E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04

250	ALL	653750.1	4187448	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	5.06E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
251	ALL	653770.1	4187448	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	5.16E-05	0.00E+00	8.69E-06	0.00E+00	2.32E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
252	ALL	653790.1	4187448	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.26E-05	0.00E+00	8.92E-06	0.00E+00	2.38E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
253	ALL	653810.1	4187448	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.37E-05	0.00E+00	9.16E-06	0.00E+00	2.44E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
254	ALL	653830.1	4187448	NonCancer	0.00E+00	3.77E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	5.46E-05	0.00E+00	9.38E-06	0.00E+00	2.50E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
255	ALL	653850.1	4187448	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.53E-05	0.00E+00	9.54E-06	0.00E+00	2.55E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
256	ALL	653870.1	4187448	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.59E-05	0.00E+00	9.66E-06	0.00E+00	2.58E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
257	ALL	653890.1	4187448	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.62E-05	0.00E+00	9.75E-06	0.00E+00	2.60E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
258	ALL	653910.1	4187448	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.64E-05	0.00E+00	9.84E-06	0.00E+00	2.62E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
259	ALL	653930.1	4187448	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.64E-05	0.00E+00	9.90E-06	0.00E+00	2.64E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
260	ALL	653950.1	4187448	NonCancer	0.00E+00	3.99E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.60E-05	0.00E+00	9.91E-06	0.00E+00	2.65E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
261	ALL	653970.1	4187448	NonCancer	0.00E+00	3.97E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.54E-05	0.00E+00	9.86E-06	0.00E+00	2.63E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
262	ALL	653990.1	4187448	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.46E-05	0.00E+00	9.73E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
263	ALL	654010.1	4187448	NonCancer	0.00E+00	3.83E-06	0.00E+00	2.54E-07	2.54E-07	2.54E-07	5.36E-05	0.00E+00	9.52E-06	0.00E+00	2.54E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
264	ALL	654030.1	4187448	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.25E-05	0.00E+00	9.28E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
265	ALL	654050.1	4187448	NonCancer	0.00E+00	3.64E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.14E-05	0.00E+00	9.04E-06	0.00E+00	2.41E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
266	ALL	654070.1	4187448	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.36E-07	2.36E-07	2.36E-07	5.05E-05	0.00E+00	8.84E-06	0.00E+00	2.36E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
267	ALL	654090.1	4187448	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.96E-05	0.00E+00	8.67E-06	0.00E+00	2.31E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
268	ALL	654110.1	4187448	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.89E-05	0.00E+00	8.55E-06	0.00E+00	2.28E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
269	ALL	654130.1	4187448	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.82E-05	0.00E+00	8.46E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
270	ALL	654150.1	4187448	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.24E-07	2.24E-07	2.24E-07	4.75E-05	0.00E+00	8.37E-06	0.00E+00	2.24E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
271	ALL	654170.1	4187448	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.69E-05	0.00E+00	8.29E-06	0.00E+00	2.21E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
272	ALL	654190.1	4187448	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.62E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
273	ALL	654210.1	4187448	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.54E-05	0.00E+00	8.07E-06	0.00E+00	2.16E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
274	ALL	654230.1	4187448	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.46E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
275	ALL	654250.1	4187448	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.37E-05	0.00E+00	7.78E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
276	ALL	654270.1	4187448	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.28E-05	0.00E+00	7.62E-06	0.00E+00	2.03E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
277	ALL	654290.1	4187448	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.18E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
278	ALL	654310.1	4187448	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.09E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
279	ALL	654330.1	4187448	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	3.99E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
280	ALL	654350.1	4187448	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	3.90E-05	0.00E+00	6.92E-06	0.00E+00	1.85E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
281	ALL	654370.1	4187448	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.80E-05	0.00E+00	6.74E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
282	ALL	654390.1	4187448	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.71E-05	0.00E+00	6.57E-06	0.00E+00	1.75E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
283	ALL	654410.1	4187448	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.61E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.76E-05	0.00E+00	0.00E+00	9.76E-05
284	ALL	654430.1	4187448	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.52E-05	0.00E+00	6.23E-06	0.00E+00	1.66E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
285	ALL	654450.1	4187448	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.25E-05	0.00E+00	0.00E+00	9.25E-05
286	ALL	654470.1	4187448	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.34E-05	0.00E+00	5.90E-06	0.00E+00	1.57E-07	9.00E-05	0.00E+00	0.00E+00	9.00E-05
287	ALL	654490.1	4187448	NonCancer	0.00E+00	2.31E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.25E-05	0.00E+00	5.74E-06	0.00E+00	1.53E-07	8.76E-05	0.00E+00	0.00E+00	8.76E-05
288	ALL	653690.1	4187468	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.32E-05	0.00E+00	9.29E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
289	ALL	653710.1	4187468	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.32E-05	0.00E+00	9.17E-06	0.00E+00	2.44E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
290	ALL	653730.1	4187468	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.35E-05	0.00E+00	9.10E-06	0.00E+00	2.42E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
291	ALL	653750.1	4187468	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.42E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
292	ALL	653770.1	4187468	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.52E-05	0.00E+00	9.32E-06	0.00E+00	2.48E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
293	ALL	653790.1	4187468	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.64E-05	0.00E+00	9.57E-06	0.00E+00	2.55E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
294	ALL	653810.1	4187468	NonCancer	0.00E+00	3.95E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.75E-05	0.00E+00	9.84E-06	0.00E+00	2.62E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
295	ALL	653830.1	4187468	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.85E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
296	ALL	653850.1	4187468	NonCancer	0.00E+00	4.12E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.93E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
297	ALL	653870.1	4187468	NonCancer	0.00E+00	4.17E-06	0.00E+00	2.77E-07	2.77E-07	2.77E-07	5.98E-05	0.00E+00	1.04E-05	0.00E+00	2.77E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
298	ALL	653890.1	4187468	NonCancer	0.00E+00	4.21E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	6.02E-05	0.00E+00	1.05E-05	0.00E+00	2.79E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
299	ALL	653910.1	4187468	NonCancer	0.00E+00	4.25E-06	0.00E+00	2.82E-07	2.82E-07	2.82E-07	6.03E-05	0.00E+00	1.06E-05	0.00E+00	2.82E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04

300	ALL	653930.1	4187468	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	6.01E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
301	ALL	653950.1	4187468	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.96E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
302	ALL	653970.1	4187468	NonCancer	0.00E+00	4.23E-06	0.00E+00	2.80E-07	2.80E-07	2.80E-07	5.88E-05	0.00E+00	1.05E-05	0.00E+00	2.80E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
303	ALL	653990.1	4187468	NonCancer	0.00E+00	4.15E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	5.78E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
304	ALL	654010.1	4187468	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.66E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
305	ALL	654030.1	4187468	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.54E-05	0.00E+00	9.80E-06	0.00E+00	2.62E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
306	ALL	654050.1	4187468	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.43E-05	0.00E+00	9.55E-06	0.00E+00	2.55E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
307	ALL	654070.1	4187468	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	5.34E-05	0.00E+00	9.35E-06	0.00E+00	2.50E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
308	ALL	654090.1	4187468	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.25E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
309	ALL	654110.1	4187468	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.17E-05	0.00E+00	9.09E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
310	ALL	654130.1	4187468	NonCancer	0.00E+00	3.62E-06	0.00E+00	2.40E-07	2.40E-07	2.40E-07	5.10E-05	0.00E+00	9.00E-06	0.00E+00	2.40E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
311	ALL	654150.1	4187468	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.02E-05	0.00E+00	8.90E-06	0.00E+00	2.38E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
312	ALL	654170.1	4187468	NonCancer	0.00E+00	3.54E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.94E-05	0.00E+00	8.79E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
313	ALL	654190.1	4187468	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.86E-05	0.00E+00	8.66E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
314	ALL	654210.1	4187468	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	4.77E-05	0.00E+00	8.51E-06	0.00E+00	2.27E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
315	ALL	654230.1	4187468	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.67E-05	0.00E+00	8.34E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
316	ALL	654250.1	4187468	NonCancer	0.00E+00	3.28E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.57E-05	0.00E+00	8.16E-06	0.00E+00	2.18E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
317	ALL	654270.1	4187468	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.46E-05	0.00E+00	7.96E-06	0.00E+00	2.13E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
318	ALL	654290.1	4187468	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.36E-05	0.00E+00	7.77E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
319	ALL	654310.1	4187468	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.25E-05	0.00E+00	7.57E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
320	ALL	654330.1	4187468	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.14E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
321	ALL	654350.1	4187468	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.04E-05	0.00E+00	7.18E-06	0.00E+00	1.92E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
322	ALL	654370.1	4187468	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	3.93E-05	0.00E+00	6.99E-06	0.00E+00	1.87E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
323	ALL	654390.1	4187468	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.83E-05	0.00E+00	6.80E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
324	ALL	654410.1	4187468	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.73E-05	0.00E+00	6.61E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
325	ALL	654430.1	4187468	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.62E-05	0.00E+00	6.42E-06	0.00E+00	1.72E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
326	ALL	654450.1	4187468	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.53E-05	0.00E+00	6.24E-06	0.00E+00	1.67E-07	9.53E-05	0.00E+00	0.00E+00	9.53E-05
327	ALL	654470.1	4187468	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.07E-06	0.00E+00	1.62E-07	9.26E-05	0.00E+00	0.00E+00	9.26E-05
328	ALL	654490.1	4187468	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.89E-06	0.00E+00	1.57E-07	9.00E-05	0.00E+00	0.00E+00	9.00E-05
329	ALL	653690.1	4187488	NonCancer	0.00E+00	4.01E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.70E-05	0.00E+00	9.98E-06	0.00E+00	2.66E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
330	ALL	653710.1	4187488	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.70E-05	0.00E+00	9.85E-06	0.00E+00	2.63E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
331	ALL	653730.1	4187488	NonCancer	0.00E+00	3.93E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.73E-05	0.00E+00	9.77E-06	0.00E+00	2.60E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
332	ALL	653750.1	4187488	NonCancer	0.00E+00	3.95E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.81E-05	0.00E+00	9.83E-06	0.00E+00	2.62E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
333	ALL	653770.1	4187488	NonCancer	0.00E+00	4.03E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	5.92E-05	0.00E+00	1.00E-05	0.00E+00	2.67E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
334	ALL	653790.1	4187488	NonCancer	0.00E+00	4.14E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	6.06E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
335	ALL	653810.1	4187488	NonCancer	0.00E+00	4.26E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	6.18E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
336	ALL	653830.1	4187488	NonCancer	0.00E+00	4.36E-06	0.00E+00	2.89E-07	2.89E-07	2.89E-07	6.29E-05	0.00E+00	1.09E-05	0.00E+00	2.89E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
337	ALL	653850.1	4187488	NonCancer	0.00E+00	4.44E-06	0.00E+00	2.94E-07	2.94E-07	2.94E-07	6.37E-05	0.00E+00	1.10E-05	0.00E+00	2.94E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
338	ALL	653870.1	4187488	NonCancer	0.00E+00	4.49E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.42E-05	0.00E+00	1.12E-05	0.00E+00	2.98E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
339	ALL	653890.1	4187488	NonCancer	0.00E+00	4.54E-06	0.00E+00	3.01E-07	3.01E-07	3.01E-07	6.45E-05	0.00E+00	1.13E-05	0.00E+00	3.01E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
340	ALL	653910.1	4187488	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.45E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
341	ALL	653930.1	4187488	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.42E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
342	ALL	653950.1	4187488	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.35E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
343	ALL	653970.1	4187488	NonCancer	0.00E+00	4.50E-06	0.00E+00	2.99E-07	2.99E-07	2.99E-07	6.25E-05	0.00E+00	1.12E-05	0.00E+00	2.99E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
344	ALL	653990.1	4187488	NonCancer	0.00E+00	4.40E-06	0.00E+00	2.92E-07	2.92E-07	2.92E-07	6.12E-05	0.00E+00	1.09E-05	0.00E+00	2.92E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
345	ALL	654010.1	4187488	NonCancer	0.00E+00	4.29E-06	0.00E+00	2.84E-07	2.84E-07	2.84E-07	5.99E-05	0.00E+00	1.06E-05	0.00E+00	2.84E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
346	ALL	654030.1	4187488	NonCancer	0.00E+00	4.17E-06	0.00E+00	2.77E-07	2.77E-07	2.77E-07	5.87E-05	0.00E+00	1.04E-05	0.00E+00	2.77E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
347	ALL	654050.1	4187488	NonCancer	0.00E+00	4.07E-06	0.00E+00	2.70E-07	2.70E-07	2.70E-07	5.76E-05	0.00E+00	1.01E-05	0.00E+00	2.70E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
348	ALL	654070.1	4187488	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.66E-05	0.00E+00	9.95E-06	0.00E+00	2.65E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
349	ALL	654090.1	4187488	NonCancer	0.00E+00	3.95E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.57E-05	0.00E+00	9.81E-06	0.00E+00	2.62E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04

350	ALL	654110.1	4187488	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.49E-05	0.00E+00	9.70E-06	0.00E+00	2.59E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
351	ALL	654130.1	4187488	NonCancer	0.00E+00	3.86E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	5.40E-05	0.00E+00	9.59E-06	0.00E+00	2.56E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
352	ALL	654150.1	4187488	NonCancer	0.00E+00	3.81E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.31E-05	0.00E+00	9.46E-06	0.00E+00	2.53E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
353	ALL	654170.1	4187488	NonCancer	0.00E+00	3.75E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.22E-05	0.00E+00	9.32E-06	0.00E+00	2.49E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
354	ALL	654190.1	4187488	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.12E-05	0.00E+00	9.15E-06	0.00E+00	2.45E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
355	ALL	654210.1	4187488	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.01E-05	0.00E+00	8.96E-06	0.00E+00	2.39E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
356	ALL	654230.1	4187488	NonCancer	0.00E+00	3.53E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	4.89E-05	0.00E+00	8.76E-06	0.00E+00	2.34E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
357	ALL	654250.1	4187488	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.78E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
358	ALL	654270.1	4187488	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.66E-05	0.00E+00	8.32E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
359	ALL	654290.1	4187488	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.54E-05	0.00E+00	8.10E-06	0.00E+00	2.16E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
360	ALL	654310.1	4187488	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.42E-05	0.00E+00	7.88E-06	0.00E+00	2.11E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
361	ALL	654330.1	4187488	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.30E-05	0.00E+00	7.67E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
362	ALL	654350.1	4187488	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.18E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
363	ALL	654370.1	4187488	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.07E-05	0.00E+00	7.24E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
364	ALL	654390.1	4187488	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.95E-05	0.00E+00	7.03E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
365	ALL	654410.1	4187488	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.84E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
366	ALL	654430.1	4187488	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.73E-05	0.00E+00	6.62E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
367	ALL	654450.1	4187488	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.62E-05	0.00E+00	6.42E-06	0.00E+00	1.72E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
368	ALL	654470.1	4187488	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.52E-05	0.00E+00	6.23E-06	0.00E+00	1.66E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
369	ALL	654490.1	4187488	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.42E-05	0.00E+00	6.05E-06	0.00E+00	1.62E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
370	ALL	653690.1	4187508	NonCancer	0.00E+00	4.32E-06	0.00E+00	2.87E-07	2.87E-07	2.87E-07	6.12E-05	0.00E+00	1.07E-05	0.00E+00	2.87E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
371	ALL	653710.1	4187508	NonCancer	0.00E+00	4.26E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	6.12E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
372	ALL	653730.1	4187508	NonCancer	0.00E+00	4.23E-06	0.00E+00	2.81E-07	2.81E-07	2.81E-07	6.16E-05	0.00E+00	1.05E-05	0.00E+00	2.81E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
373	ALL	653750.1	4187508	NonCancer	0.00E+00	4.26E-06	0.00E+00	2.82E-07	2.82E-07	2.82E-07	6.25E-05	0.00E+00	1.06E-05	0.00E+00	2.82E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
374	ALL	653770.1	4187508	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	6.38E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
375	ALL	653790.1	4187508	NonCancer	0.00E+00	4.47E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.53E-05	0.00E+00	1.11E-05	0.00E+00	2.97E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
376	ALL	653810.1	4187508	NonCancer	0.00E+00	4.61E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.66E-05	0.00E+00	1.15E-05	0.00E+00	3.06E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
377	ALL	653830.1	4187508	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.78E-05	0.00E+00	1.17E-05	0.00E+00	3.13E-07	1.80E-04	0.00E+00	0.00E+00	1.80E-04
378	ALL	653850.1	4187508	NonCancer	0.00E+00	4.79E-06	0.00E+00	3.18E-07	3.18E-07	3.18E-07	6.86E-05	0.00E+00	1.19E-05	0.00E+00	3.18E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
379	ALL	653870.1	4187508	NonCancer	0.00E+00	4.85E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.91E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
380	ALL	653890.1	4187508	NonCancer	0.00E+00	4.90E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.94E-05	0.00E+00	1.22E-05	0.00E+00	3.25E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
381	ALL	653910.1	4187508	NonCancer	0.00E+00	4.93E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	6.92E-05	0.00E+00	1.23E-05	0.00E+00	3.27E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
382	ALL	653930.1	4187508	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	6.87E-05	0.00E+00	1.23E-05	0.00E+00	3.27E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
383	ALL	653950.1	4187508	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.77E-05	0.00E+00	1.21E-05	0.00E+00	3.25E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
384	ALL	653970.1	4187508	NonCancer	0.00E+00	4.80E-06	0.00E+00	3.19E-07	3.19E-07	3.19E-07	6.65E-05	0.00E+00	1.19E-05	0.00E+00	3.19E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
385	ALL	653990.1	4187508	NonCancer	0.00E+00	4.68E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.51E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
386	ALL	654010.1	4187508	NonCancer	0.00E+00	4.55E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.36E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
387	ALL	654030.1	4187508	NonCancer	0.00E+00	4.43E-06	0.00E+00	2.94E-07	2.94E-07	2.94E-07	6.23E-05	0.00E+00	1.10E-05	0.00E+00	2.94E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
388	ALL	654050.1	4187508	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	6.12E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.65E-04	0.00E+00	0.00E+00	1.65E-04
389	ALL	654070.1	4187508	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.84E-07	2.84E-07	2.84E-07	6.02E-05	0.00E+00	1.06E-05	0.00E+00	2.84E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
390	ALL	654090.1	4187508	NonCancer	0.00E+00	4.22E-06	0.00E+00	2.80E-07	2.80E-07	2.80E-07	5.92E-05	0.00E+00	1.05E-05	0.00E+00	2.80E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
391	ALL	654110.1	4187508	NonCancer	0.00E+00	4.17E-06	0.00E+00	2.77E-07	2.77E-07	2.77E-07	5.83E-05	0.00E+00	1.04E-05	0.00E+00	2.77E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
392	ALL	654130.1	4187508	NonCancer	0.00E+00	4.12E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.73E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
393	ALL	654150.1	4187508	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.62E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
394	ALL	654170.1	4187508	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.51E-05	0.00E+00	9.88E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
395	ALL	654190.1	4187508	NonCancer	0.00E+00	3.89E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.38E-05	0.00E+00	9.66E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
396	ALL	654210.1	4187508	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.26E-05	0.00E+00	9.43E-06	0.00E+00	2.52E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
397	ALL	654230.1	4187508	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.12E-05	0.00E+00	9.19E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
398	ALL	654250.1	4187508	NonCancer	0.00E+00	3.60E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	4.99E-05	0.00E+00	8.94E-06	0.00E+00	2.39E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
399	ALL	654270.1	4187508	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.86E-05	0.00E+00	8.70E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04

400	ALL	654290.1	4187508	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.72E-05	0.00E+00	8.45E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
401	ALL	654310.1	4187508	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.59E-05	0.00E+00	8.20E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
402	ALL	654330.1	4187508	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.46E-05	0.00E+00	7.96E-06	0.00E+00	2.13E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
403	ALL	654350.1	4187508	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.33E-05	0.00E+00	7.72E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
404	ALL	654370.1	4187508	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.20E-05	0.00E+00	7.49E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
405	ALL	654390.1	4187508	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.08E-05	0.00E+00	7.26E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
406	ALL	654410.1	4187508	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.95E-05	0.00E+00	7.03E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
407	ALL	654430.1	4187508	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.83E-05	0.00E+00	6.82E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
408	ALL	654450.1	4187508	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.72E-05	0.00E+00	6.60E-06	0.00E+00	1.76E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
409	ALL	654470.1	4187508	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.60E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.76E-05	0.00E+00	0.00E+00	9.76E-05
410	ALL	654490.1	4187508	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.49E-05	0.00E+00	6.20E-06	0.00E+00	1.66E-07	9.46E-05	0.00E+00	0.00E+00	9.46E-05
411	ALL	653690.1	4187528	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.59E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
412	ALL	653710.1	4187528	NonCancer	0.00E+00	4.61E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.59E-05	0.00E+00	1.15E-05	0.00E+00	3.06E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
413	ALL	653730.1	4187528	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.64E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
414	ALL	653750.1	4187528	NonCancer	0.00E+00	4.60E-06	0.00E+00	3.05E-07	3.05E-07	3.05E-07	6.75E-05	0.00E+00	1.15E-05	0.00E+00	3.05E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
415	ALL	653770.1	4187528	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.12E-07	3.12E-07	3.12E-07	6.89E-05	0.00E+00	1.17E-05	0.00E+00	3.12E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
416	ALL	653790.1	4187528	NonCancer	0.00E+00	4.85E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	7.06E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
417	ALL	653810.1	4187528	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	7.21E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
418	ALL	653830.1	4187528	NonCancer	0.00E+00	5.11E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	7.33E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
419	ALL	653850.1	4187528	NonCancer	0.00E+00	5.20E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.41E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.98E-04	0.00E+00	0.00E+00	1.98E-04
420	ALL	653870.1	4187528	NonCancer	0.00E+00	5.26E-06	0.00E+00	3.49E-07	3.49E-07	3.49E-07	7.46E-05	0.00E+00	1.31E-05	0.00E+00	3.49E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
421	ALL	653890.1	4187528	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.48E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
422	ALL	653910.1	4187528	NonCancer	0.00E+00	5.34E-06	0.00E+00	3.54E-07	3.54E-07	3.54E-07	7.44E-05	0.00E+00	1.33E-05	0.00E+00	3.54E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
423	ALL	653930.1	4187528	NonCancer	0.00E+00	5.32E-06	0.00E+00	3.53E-07	3.53E-07	3.53E-07	7.36E-05	0.00E+00	1.32E-05	0.00E+00	3.53E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
424	ALL	653950.1	4187528	NonCancer	0.00E+00	5.25E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.24E-05	0.00E+00	1.30E-05	0.00E+00	3.48E-07	1.98E-04	0.00E+00	0.00E+00	1.98E-04
425	ALL	653970.1	4187528	NonCancer	0.00E+00	5.12E-06	0.00E+00	3.40E-07	3.40E-07	3.40E-07	7.09E-05	0.00E+00	1.27E-05	0.00E+00	3.40E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
426	ALL	653990.1	4187528	NonCancer	0.00E+00	4.98E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	6.93E-05	0.00E+00	1.24E-05	0.00E+00	3.30E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
427	ALL	654010.1	4187528	NonCancer	0.00E+00	4.84E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.78E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
428	ALL	654030.1	4187528	NonCancer	0.00E+00	4.73E-06	0.00E+00	3.14E-07	3.14E-07	3.14E-07	6.64E-05	0.00E+00	1.18E-05	0.00E+00	3.14E-07	1.80E-04	0.00E+00	0.00E+00	1.80E-04
429	ALL	654050.1	4187528	NonCancer	0.00E+00	4.65E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.52E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
430	ALL	654070.1	4187528	NonCancer	0.00E+00	4.58E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.41E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
431	ALL	654090.1	4187528	NonCancer	0.00E+00	4.53E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	6.31E-05	0.00E+00	1.12E-05	0.00E+00	3.00E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
432	ALL	654110.1	4187528	NonCancer	0.00E+00	4.46E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.19E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
433	ALL	654130.1	4187528	NonCancer	0.00E+00	4.39E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.07E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
434	ALL	654150.1	4187528	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.94E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
435	ALL	654170.1	4187528	NonCancer	0.00E+00	4.21E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.81E-05	0.00E+00	1.05E-05	0.00E+00	2.79E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
436	ALL	654190.1	4187528	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	5.66E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
437	ALL	654210.1	4187528	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.51E-05	0.00E+00	9.92E-06	0.00E+00	2.65E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
438	ALL	654230.1	4187528	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.36E-05	0.00E+00	9.64E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
439	ALL	654250.1	4187528	NonCancer	0.00E+00	3.77E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	5.21E-05	0.00E+00	9.36E-06	0.00E+00	2.50E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
440	ALL	654270.1	4187528	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.06E-05	0.00E+00	9.08E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
441	ALL	654290.1	4187528	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.91E-05	0.00E+00	8.80E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
442	ALL	654310.1	4187528	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.76E-05	0.00E+00	8.53E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
443	ALL	654330.1	4187528	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.62E-05	0.00E+00	8.26E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
444	ALL	654350.1	4187528	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.48E-05	0.00E+00	8.00E-06	0.00E+00	2.14E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
445	ALL	654370.1	4187528	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.34E-05	0.00E+00	7.74E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
446	ALL	654390.1	4187528	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.20E-05	0.00E+00	7.49E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
447	ALL	654410.1	4187528	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.07E-05	0.00E+00	7.25E-06	0.00E+00	1.94E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
448	ALL	654430.1	4187528	NonCancer	0.00E+00	2.82E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	3.94E-05	0.00E+00	7.01E-06	0.00E+00	1.87E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
449	ALL	654450.1	4187528	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.81E-05	0.00E+00	6.78E-06	0.00E+00	1.81E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04

450	ALL	654470.1	4187528	NonCancer	0.00E+00	2.64E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	3.69E-05	0.00E+00	6.56E-06	0.00E+00	1.75E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
451	ALL	654490.1	4187528	NonCancer	0.00E+00	2.55E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.57E-05	0.00E+00	6.34E-06	0.00E+00	1.69E-07	9.67E-05	0.00E+00	0.00E+00	9.67E-05
452	ALL	653690.1	4187548	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	7.13E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
453	ALL	653710.1	4187548	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	7.13E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
454	ALL	653730.1	4187548	NonCancer	0.00E+00	4.96E-06	0.00E+00	3.29E-07	3.29E-07	3.29E-07	7.19E-05	0.00E+00	1.23E-05	0.00E+00	3.29E-07	1.90E-04	0.00E+00	0.00E+00	1.90E-04
455	ALL	653750.1	4187548	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.31E-07	3.31E-07	3.31E-07	7.31E-05	0.00E+00	1.24E-05	0.00E+00	3.31E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
456	ALL	653770.1	4187548	NonCancer	0.00E+00	5.12E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	7.48E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
457	ALL	653790.1	4187548	NonCancer	0.00E+00	5.28E-06	0.00E+00	3.50E-07	3.50E-07	3.50E-07	7.66E-05	0.00E+00	1.31E-05	0.00E+00	3.50E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
458	ALL	653810.1	4187548	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.82E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
459	ALL	653830.1	4187548	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	7.95E-05	0.00E+00	1.38E-05	0.00E+00	3.69E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
460	ALL	653850.1	4187548	NonCancer	0.00E+00	5.66E-06	0.00E+00	3.75E-07	3.75E-07	3.75E-07	8.04E-05	0.00E+00	1.41E-05	0.00E+00	3.75E-07	2.15E-04	0.00E+00	0.00E+00	2.15E-04
461	ALL	653870.1	4187548	NonCancer	0.00E+00	5.73E-06	0.00E+00	3.80E-07	3.80E-07	3.80E-07	8.08E-05	0.00E+00	1.42E-05	0.00E+00	3.80E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
462	ALL	653890.1	4187548	NonCancer	0.00E+00	5.78E-06	0.00E+00	3.83E-07	3.83E-07	3.83E-07	8.08E-05	0.00E+00	1.44E-05	0.00E+00	3.83E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
463	ALL	653910.1	4187548	NonCancer	0.00E+00	5.79E-06	0.00E+00	3.84E-07	3.84E-07	3.84E-07	8.02E-05	0.00E+00	1.44E-05	0.00E+00	3.84E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
464	ALL	653930.1	4187548	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.90E-05	0.00E+00	1.43E-05	0.00E+00	3.81E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
465	ALL	653950.1	4187548	NonCancer	0.00E+00	5.63E-06	0.00E+00	3.74E-07	3.74E-07	3.74E-07	7.75E-05	0.00E+00	1.40E-05	0.00E+00	3.74E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
466	ALL	653970.1	4187548	NonCancer	0.00E+00	5.48E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	7.57E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
467	ALL	653990.1	4187548	NonCancer	0.00E+00	5.32E-06	0.00E+00	3.53E-07	3.53E-07	3.53E-07	7.40E-05	0.00E+00	1.32E-05	0.00E+00	3.53E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
468	ALL	654010.1	4187548	NonCancer	0.00E+00	5.18E-06	0.00E+00	3.44E-07	3.44E-07	3.44E-07	7.24E-05	0.00E+00	1.29E-05	0.00E+00	3.44E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
469	ALL	654030.1	4187548	NonCancer	0.00E+00	5.08E-06	0.00E+00	3.37E-07	3.37E-07	3.37E-07	7.10E-05	0.00E+00	1.26E-05	0.00E+00	3.37E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
470	ALL	654050.1	4187548	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	6.97E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.89E-04	0.00E+00	0.00E+00	1.89E-04
471	ALL	654070.1	4187548	NonCancer	0.00E+00	4.93E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	6.85E-05	0.00E+00	1.22E-05	0.00E+00	3.27E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
472	ALL	654090.1	4187548	NonCancer	0.00E+00	4.86E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.72E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
473	ALL	654110.1	4187548	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	6.59E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.80E-04	0.00E+00	0.00E+00	1.80E-04
474	ALL	654130.1	4187548	NonCancer	0.00E+00	4.68E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	6.44E-05	0.00E+00	1.16E-05	0.00E+00	3.11E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
475	ALL	654150.1	4187548	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.29E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
476	ALL	654170.1	4187548	NonCancer	0.00E+00	4.45E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.12E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
477	ALL	654190.1	4187548	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.87E-07	2.87E-07	2.87E-07	5.95E-05	0.00E+00	1.07E-05	0.00E+00	2.87E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
478	ALL	654210.1	4187548	NonCancer	0.00E+00	4.20E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.78E-05	0.00E+00	1.04E-05	0.00E+00	2.79E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
479	ALL	654230.1	4187548	NonCancer	0.00E+00	4.07E-06	0.00E+00	2.70E-07	2.70E-07	2.70E-07	5.61E-05	0.00E+00	1.01E-05	0.00E+00	2.70E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
480	ALL	654250.1	4187548	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.62E-07	2.62E-07	2.62E-07	5.44E-05	0.00E+00	9.79E-06	0.00E+00	2.62E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
481	ALL	654270.1	4187548	NonCancer	0.00E+00	3.82E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.27E-05	0.00E+00	9.48E-06	0.00E+00	2.53E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
482	ALL	654290.1	4187548	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.10E-05	0.00E+00	9.17E-06	0.00E+00	2.45E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
483	ALL	654310.1	4187548	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.94E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
484	ALL	654330.1	4187548	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.78E-05	0.00E+00	8.56E-06	0.00E+00	2.29E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
485	ALL	654350.1	4187548	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.62E-05	0.00E+00	8.27E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
486	ALL	654370.1	4187548	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.47E-05	0.00E+00	7.99E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
487	ALL	654390.1	4187548	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.32E-05	0.00E+00	7.72E-06	0.00E+00	2.06E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
488	ALL	654410.1	4187548	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.17E-05	0.00E+00	7.45E-06	0.00E+00	1.99E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
489	ALL	654430.1	4187548	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.03E-05	0.00E+00	7.20E-06	0.00E+00	1.92E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
490	ALL	654450.1	4187548	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.90E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
491	ALL	654470.1	4187548	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.77E-05	0.00E+00	6.71E-06	0.00E+00	1.79E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
492	ALL	654490.1	4187548	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.64E-05	0.00E+00	6.48E-06	0.00E+00	1.73E-07	9.88E-05	0.00E+00	0.00E+00	9.88E-05
493	ALL	653690.1	4187568	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	7.73E-05	0.00E+00	1.37E-05	0.00E+00	3.66E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
494	ALL	653710.1	4187568	NonCancer	0.00E+00	5.45E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.74E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
495	ALL	653730.1	4187568	NonCancer	0.00E+00	5.40E-06	0.00E+00	3.58E-07	3.58E-07	3.58E-07	7.81E-05	0.00E+00	1.34E-05	0.00E+00	3.58E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
496	ALL	653750.1	4187568	NonCancer	0.00E+00	5.45E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.95E-05	0.00E+00	1.36E-05	0.00E+00	3.61E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
497	ALL	653770.1	4187568	NonCancer	0.00E+00	5.59E-06	0.00E+00	3.71E-07	3.71E-07	3.71E-07	8.14E-05	0.00E+00	1.39E-05	0.00E+00	3.71E-07	2.14E-04	0.00E+00	0.00E+00	2.14E-04
498	ALL	653790.1	4187568	NonCancer	0.00E+00	5.77E-06	0.00E+00	3.83E-07	3.83E-07	3.83E-07	8.35E-05	0.00E+00	1.44E-05	0.00E+00	3.83E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
499	ALL	653810.1	4187568	NonCancer	0.00E+00	5.95E-06	0.00E+00	3.95E-07	3.95E-07	3.95E-07	8.53E-05	0.00E+00	1.48E-05	0.00E+00	3.95E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04

500	ALL	653830.1	4187568	NonCancer	0.00E+00	6.09E-06	0.00E+00	4.04E-07	4.04E-07	4.04E-07	8.66E-05	0.00E+00	1.51E-05	0.00E+00	4.04E-07	2.32E-04	0.00E+00	0.00E+00	2.32E-04
501	ALL	653850.1	4187568	NonCancer	0.00E+00	6.19E-06	0.00E+00	4.10E-07	4.10E-07	4.10E-07	8.75E-05	0.00E+00	1.54E-05	0.00E+00	4.10E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
502	ALL	653870.1	4187568	NonCancer	0.00E+00	6.26E-06	0.00E+00	4.15E-07	4.15E-07	4.15E-07	8.78E-05	0.00E+00	1.56E-05	0.00E+00	4.15E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
503	ALL	653890.1	4187568	NonCancer	0.00E+00	6.30E-06	0.00E+00	4.18E-07	4.18E-07	4.18E-07	8.75E-05	0.00E+00	1.57E-05	0.00E+00	4.18E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
504	ALL	653910.1	4187568	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	8.65E-05	0.00E+00	1.56E-05	0.00E+00	4.17E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
505	ALL	653930.1	4187568	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	8.50E-05	0.00E+00	1.54E-05	0.00E+00	4.12E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
506	ALL	653950.1	4187568	NonCancer	0.00E+00	6.05E-06	0.00E+00	4.01E-07	4.01E-07	4.01E-07	8.32E-05	0.00E+00	1.50E-05	0.00E+00	4.01E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
507	ALL	653970.1	4187568	NonCancer	0.00E+00	5.87E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.12E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
508	ALL	653990.1	4187568	NonCancer	0.00E+00	5.71E-06	0.00E+00	3.79E-07	3.79E-07	3.79E-07	7.93E-05	0.00E+00	1.42E-05	0.00E+00	3.79E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
509	ALL	654010.1	4187568	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.70E-07	3.70E-07	3.70E-07	7.77E-05	0.00E+00	1.38E-05	0.00E+00	3.70E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
510	ALL	654030.1	4187568	NonCancer	0.00E+00	5.48E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	7.62E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
511	ALL	654050.1	4187568	NonCancer	0.00E+00	5.40E-06	0.00E+00	3.58E-07	3.58E-07	3.58E-07	7.48E-05	0.00E+00	1.34E-05	0.00E+00	3.58E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
512	ALL	654070.1	4187568	NonCancer	0.00E+00	5.32E-06	0.00E+00	3.53E-07	3.53E-07	3.53E-07	7.33E-05	0.00E+00	1.32E-05	0.00E+00	3.53E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
513	ALL	654090.1	4187568	NonCancer	0.00E+00	5.22E-06	0.00E+00	3.47E-07	3.47E-07	3.47E-07	7.18E-05	0.00E+00	1.30E-05	0.00E+00	3.47E-07	1.97E-04	0.00E+00	0.00E+00	1.97E-04
514	ALL	654110.1	4187568	NonCancer	0.00E+00	5.11E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	7.01E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
515	ALL	654130.1	4187568	NonCancer	0.00E+00	4.99E-06	0.00E+00	3.31E-07	3.31E-07	3.31E-07	6.83E-05	0.00E+00	1.24E-05	0.00E+00	3.31E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
516	ALL	654150.1	4187568	NonCancer	0.00E+00	4.85E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.64E-05	0.00E+00	1.20E-05	0.00E+00	3.22E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
517	ALL	654170.1	4187568	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.12E-07	3.12E-07	3.12E-07	6.45E-05	0.00E+00	1.17E-05	0.00E+00	3.12E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
518	ALL	654190.1	4187568	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.26E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
519	ALL	654210.1	4187568	NonCancer	0.00E+00	4.41E-06	0.00E+00	2.93E-07	2.93E-07	2.93E-07	6.06E-05	0.00E+00	1.10E-05	0.00E+00	2.93E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
520	ALL	654230.1	4187568	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.86E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
521	ALL	654250.1	4187568	NonCancer	0.00E+00	4.12E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.67E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
522	ALL	654270.1	4187568	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.48E-05	0.00E+00	9.88E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
523	ALL	654290.1	4187568	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.30E-05	0.00E+00	9.53E-06	0.00E+00	2.55E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
524	ALL	654310.1	4187568	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.11E-05	0.00E+00	9.19E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
525	ALL	654330.1	4187568	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.94E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
526	ALL	654350.1	4187568	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.76E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
527	ALL	654370.1	4187568	NonCancer	0.00E+00	3.32E-06	0.00E+00	2.20E-07	2.20E-07	2.20E-07	4.60E-05	0.00E+00	8.24E-06	0.00E+00	2.20E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
528	ALL	654390.1	4187568	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.43E-05	0.00E+00	7.94E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
529	ALL	654410.1	4187568	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.28E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
530	ALL	654430.1	4187568	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.13E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
531	ALL	654450.1	4187568	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	3.99E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
532	ALL	654470.1	4187568	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.85E-05	0.00E+00	6.86E-06	0.00E+00	1.83E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
533	ALL	654490.1	4187568	NonCancer	0.00E+00	2.66E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.71E-05	0.00E+00	6.61E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
534	ALL	653690.1	4187588	NonCancer	0.00E+00	6.03E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.42E-05	0.00E+00	1.50E-05	0.00E+00	4.00E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
535	ALL	653710.1	4187588	NonCancer	0.00E+00	5.96E-06	0.00E+00	3.95E-07	3.95E-07	3.95E-07	8.43E-05	0.00E+00	1.48E-05	0.00E+00	3.95E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04
536	ALL	653730.1	4187588	NonCancer	0.00E+00	5.91E-06	0.00E+00	3.92E-07	3.92E-07	3.92E-07	8.51E-05	0.00E+00	1.47E-05	0.00E+00	3.92E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
537	ALL	653750.1	4187588	NonCancer	0.00E+00	5.97E-06	0.00E+00	3.96E-07	3.96E-07	3.96E-07	8.68E-05	0.00E+00	1.49E-05	0.00E+00	3.96E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
538	ALL	653770.1	4187588	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.07E-07	4.07E-07	4.07E-07	8.90E-05	0.00E+00	1.53E-05	0.00E+00	4.07E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
539	ALL	653790.1	4187588	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.21E-07	4.21E-07	4.21E-07	9.13E-05	0.00E+00	1.58E-05	0.00E+00	4.21E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
540	ALL	653810.1	4187588	NonCancer	0.00E+00	6.54E-06	0.00E+00	4.34E-07	4.34E-07	4.34E-07	9.33E-05	0.00E+00	1.63E-05	0.00E+00	4.34E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
541	ALL	653830.1	4187588	NonCancer	0.00E+00	6.69E-06	0.00E+00	4.44E-07	4.44E-07	4.44E-07	9.48E-05	0.00E+00	1.66E-05	0.00E+00	4.44E-07	2.54E-04	0.00E+00	0.00E+00	2.54E-04
542	ALL	653850.1	4187588	NonCancer	0.00E+00	6.80E-06	0.00E+00	4.51E-07	4.51E-07	4.51E-07	9.55E-05	0.00E+00	1.69E-05	0.00E+00	4.51E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
543	ALL	653870.1	4187588	NonCancer	0.00E+00	6.87E-06	0.00E+00	4.56E-07	4.56E-07	4.56E-07	9.57E-05	0.00E+00	1.71E-05	0.00E+00	4.56E-07	2.60E-04	0.00E+00	0.00E+00	2.60E-04
544	ALL	653890.1	4187588	NonCancer	0.00E+00	6.90E-06	0.00E+00	4.58E-07	4.58E-07	4.58E-07	9.50E-05	0.00E+00	1.71E-05	0.00E+00	4.58E-07	2.60E-04	0.00E+00	0.00E+00	2.60E-04
545	ALL	653910.1	4187588	NonCancer	0.00E+00	6.85E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.36E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
546	ALL	653930.1	4187588	NonCancer	0.00E+00	6.71E-06	0.00E+00	4.45E-07	4.45E-07	4.45E-07	9.17E-05	0.00E+00	1.67E-05	0.00E+00	4.45E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
547	ALL	653950.1	4187588	NonCancer	0.00E+00	6.52E-06	0.00E+00	4.32E-07	4.32E-07	4.32E-07	8.95E-05	0.00E+00	1.62E-05	0.00E+00	4.32E-07	2.46E-04	0.00E+00	0.00E+00	2.46E-04
548	ALL	653970.1	4187588	NonCancer	0.00E+00	6.32E-06	0.00E+00	4.19E-07	4.19E-07	4.19E-07	8.73E-05	0.00E+00	1.57E-05	0.00E+00	4.19E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
549	ALL	653990.1	4187588	NonCancer	0.00E+00	6.16E-06	0.00E+00	4.09E-07	4.09E-07	4.09E-07	8.54E-05	0.00E+00	1.53E-05	0.00E+00	4.09E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04

550	ALL	654010.1	4187588	NonCancer	0.00E+00	6.03E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.36E-05	0.00E+00	1.50E-05	0.00E+00	4.00E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
551	ALL	654030.1	4187588	NonCancer	0.00E+00	5.94E-06	0.00E+00	3.94E-07	3.94E-07	3.94E-07	8.20E-05	0.00E+00	1.47E-05	0.00E+00	3.94E-07	2.24E-04	0.00E+00	0.00E+00	2.24E-04
552	ALL	654050.1	4187588	NonCancer	0.00E+00	5.84E-06	0.00E+00	3.88E-07	3.88E-07	3.88E-07	8.03E-05	0.00E+00	1.45E-05	0.00E+00	3.88E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
553	ALL	654070.1	4187588	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.85E-05	0.00E+00	1.42E-05	0.00E+00	3.81E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
554	ALL	654090.1	4187588	NonCancer	0.00E+00	5.61E-06	0.00E+00	3.72E-07	3.72E-07	3.72E-07	7.66E-05	0.00E+00	1.39E-05	0.00E+00	3.72E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
555	ALL	654110.1	4187588	NonCancer	0.00E+00	5.47E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	7.45E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.06E-04	0.00E+00	0.00E+00	2.06E-04
556	ALL	654130.1	4187588	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.24E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
557	ALL	654150.1	4187588	NonCancer	0.00E+00	5.14E-06	0.00E+00	3.41E-07	3.41E-07	3.41E-07	7.02E-05	0.00E+00	1.28E-05	0.00E+00	3.41E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
558	ALL	654170.1	4187588	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	6.79E-05	0.00E+00	1.23E-05	0.00E+00	3.30E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
559	ALL	654190.1	4187588	NonCancer	0.00E+00	4.80E-06	0.00E+00	3.19E-07	3.19E-07	3.19E-07	6.57E-05	0.00E+00	1.19E-05	0.00E+00	3.19E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
560	ALL	654210.1	4187588	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.34E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
561	ALL	654230.1	4187588	NonCancer	0.00E+00	4.47E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.12E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
562	ALL	654250.1	4187588	NonCancer	0.00E+00	4.30E-06	0.00E+00	2.85E-07	2.85E-07	2.85E-07	5.91E-05	0.00E+00	1.07E-05	0.00E+00	2.85E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
563	ALL	654270.1	4187588	NonCancer	0.00E+00	4.14E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	5.69E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
564	ALL	654290.1	4187588	NonCancer	0.00E+00	3.99E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.49E-05	0.00E+00	9.90E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
565	ALL	654310.1	4187588	NonCancer	0.00E+00	3.83E-06	0.00E+00	2.54E-07	2.54E-07	2.54E-07	5.28E-05	0.00E+00	9.52E-06	0.00E+00	2.54E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
566	ALL	654330.1	4187588	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.09E-05	0.00E+00	9.16E-06	0.00E+00	2.45E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
567	ALL	654350.1	4187588	NonCancer	0.00E+00	3.55E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.90E-05	0.00E+00	8.81E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
568	ALL	654370.1	4187588	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.72E-05	0.00E+00	8.47E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
569	ALL	654390.1	4187588	NonCancer	0.00E+00	3.28E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.55E-05	0.00E+00	8.15E-06	0.00E+00	2.18E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
570	ALL	654410.1	4187588	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.38E-05	0.00E+00	7.84E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
571	ALL	654430.1	4187588	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.22E-05	0.00E+00	7.54E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
572	ALL	654450.1	4187588	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.07E-05	0.00E+00	7.26E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
573	ALL	654470.1	4187588	NonCancer	0.00E+00	2.81E-06	0.00E+00	1.87E-07	1.87E-07	1.87E-07	3.92E-05	0.00E+00	6.99E-06	0.00E+00	1.87E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
574	ALL	654490.1	4187588	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.78E-05	0.00E+00	6.73E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
575	ALL	653690.1	4187608	NonCancer	0.00E+00	6.62E-06	0.00E+00	4.39E-07	4.39E-07	4.39E-07	9.21E-05	0.00E+00	1.64E-05	0.00E+00	4.39E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
576	ALL	653710.1	4187608	NonCancer	0.00E+00	6.55E-06	0.00E+00	4.35E-07	4.35E-07	4.35E-07	9.23E-05	0.00E+00	1.63E-05	0.00E+00	4.35E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
577	ALL	653730.1	4187608	NonCancer	0.00E+00	6.50E-06	0.00E+00	4.31E-07	4.31E-07	4.31E-07	9.33E-05	0.00E+00	1.62E-05	0.00E+00	4.31E-07	2.48E-04	0.00E+00	0.00E+00	2.48E-04
578	ALL	653750.1	4187608	NonCancer	0.00E+00	6.57E-06	0.00E+00	4.36E-07	4.36E-07	4.36E-07	9.52E-05	0.00E+00	1.63E-05	0.00E+00	4.36E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
579	ALL	653770.1	4187608	NonCancer	0.00E+00	6.76E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.78E-05	0.00E+00	1.68E-05	0.00E+00	4.48E-07	2.59E-04	0.00E+00	0.00E+00	2.59E-04
580	ALL	653790.1	4187608	NonCancer	0.00E+00	7.01E-06	0.00E+00	4.65E-07	4.65E-07	4.65E-07	1.00E-04	0.00E+00	1.74E-05	0.00E+00	4.65E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
581	ALL	653810.1	4187608	NonCancer	0.00E+00	7.23E-06	0.00E+00	4.79E-07	4.79E-07	4.79E-07	1.03E-04	0.00E+00	1.80E-05	0.00E+00	4.79E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
582	ALL	653830.1	4187608	NonCancer	0.00E+00	7.39E-06	0.00E+00	4.90E-07	4.90E-07	4.90E-07	1.04E-04	0.00E+00	1.84E-05	0.00E+00	4.90E-07	2.81E-04	0.00E+00	0.00E+00	2.81E-04
583	ALL	653850.1	4187608	NonCancer	0.00E+00	7.51E-06	0.00E+00	4.98E-07	4.98E-07	4.98E-07	1.05E-04	0.00E+00	1.86E-05	0.00E+00	4.98E-07	2.84E-04	0.00E+00	0.00E+00	2.84E-04
584	ALL	653870.1	4187608	NonCancer	0.00E+00	7.58E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.05E-04	0.00E+00	1.88E-05	0.00E+00	5.03E-07	2.86E-04	0.00E+00	0.00E+00	2.86E-04
585	ALL	653890.1	4187608	NonCancer	0.00E+00	7.58E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.03E-04	0.00E+00	1.88E-05	0.00E+00	5.03E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
586	ALL	653910.1	4187608	NonCancer	0.00E+00	7.47E-06	0.00E+00	4.96E-07	4.96E-07	4.96E-07	1.02E-04	0.00E+00	1.85E-05	0.00E+00	4.96E-07	2.81E-04	0.00E+00	0.00E+00	2.81E-04
587	ALL	653930.1	4187608	NonCancer	0.00E+00	7.28E-06	0.00E+00	4.83E-07	4.83E-07	4.83E-07	9.92E-05	0.00E+00	1.81E-05	0.00E+00	4.83E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
588	ALL	653950.1	4187608	NonCancer	0.00E+00	7.05E-06	0.00E+00	4.68E-07	4.68E-07	4.68E-07	9.67E-05	0.00E+00	1.75E-05	0.00E+00	4.68E-07	2.66E-04	0.00E+00	0.00E+00	2.66E-04
589	ALL	653970.1	4187608	NonCancer	0.00E+00	6.85E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.44E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.59E-04	0.00E+00	0.00E+00	2.59E-04
590	ALL	653990.1	4187608	NonCancer	0.00E+00	6.69E-06	0.00E+00	4.44E-07	4.44E-07	4.44E-07	9.23E-05	0.00E+00	1.66E-05	0.00E+00	4.44E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
591	ALL	654010.1	4187608	NonCancer	0.00E+00	6.57E-06	0.00E+00	4.36E-07	4.36E-07	4.36E-07	9.03E-05	0.00E+00	1.63E-05	0.00E+00	4.36E-07	2.48E-04	0.00E+00	0.00E+00	2.48E-04
592	ALL	654030.1	4187608	NonCancer	0.00E+00	6.46E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	8.84E-05	0.00E+00	1.60E-05	0.00E+00	4.28E-07	2.43E-04	0.00E+00	0.00E+00	2.43E-04
593	ALL	654050.1	4187608	NonCancer	0.00E+00	6.33E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	8.63E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
594	ALL	654070.1	4187608	NonCancer	0.00E+00	6.19E-06	0.00E+00	4.11E-07	4.11E-07	4.11E-07	8.41E-05	0.00E+00	1.54E-05	0.00E+00	4.11E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
595	ALL	654090.1	4187608	NonCancer	0.00E+00	6.02E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.17E-05	0.00E+00	1.49E-05	0.00E+00	4.00E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
596	ALL	654110.1	4187608	NonCancer	0.00E+00	5.84E-06	0.00E+00	3.87E-07	3.87E-07	3.87E-07	7.92E-05	0.00E+00	1.45E-05	0.00E+00	3.87E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
597	ALL	654130.1	4187608	NonCancer	0.00E+00	5.64E-06	0.00E+00	3.74E-07	3.74E-07	3.74E-07	7.67E-05	0.00E+00	1.40E-05	0.00E+00	3.74E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
598	ALL	654150.1	4187608	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.41E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
599	ALL	654170.1	4187608	NonCancer	0.00E+00	5.25E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.15E-05	0.00E+00	1.30E-05	0.00E+00	3.48E-07	1.97E-04	0.00E+00	0.00E+00	1.97E-04

600	ALL	654190.1	4187608	NonCancer	0.00E+00	5.05E-06	0.00E+00	3.35E-07	3.35E-07	3.35E-07	6.89E-05	0.00E+00	1.25E-05	0.00E+00	3.35E-07	1.90E-04	0.00E+00	0.00E+00	1.90E-04
601	ALL	654210.1	4187608	NonCancer	0.00E+00	4.86E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.63E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
602	ALL	654230.1	4187608	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.38E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
603	ALL	654250.1	4187608	NonCancer	0.00E+00	4.48E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.14E-05	0.00E+00	1.11E-05	0.00E+00	2.97E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
604	ALL	654270.1	4187608	NonCancer	0.00E+00	4.30E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.90E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
605	ALL	654290.1	4187608	NonCancer	0.00E+00	4.13E-06	0.00E+00	2.74E-07	2.74E-07	2.74E-07	5.67E-05	0.00E+00	1.03E-05	0.00E+00	2.74E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
606	ALL	654310.1	4187608	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.45E-05	0.00E+00	9.84E-06	0.00E+00	2.63E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
607	ALL	654330.1	4187608	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.24E-05	0.00E+00	9.45E-06	0.00E+00	2.52E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
608	ALL	654350.1	4187608	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.03E-05	0.00E+00	9.06E-06	0.00E+00	2.42E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
609	ALL	654370.1	4187608	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.84E-05	0.00E+00	8.70E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
610	ALL	654390.1	4187608	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.65E-05	0.00E+00	8.35E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
611	ALL	654410.1	4187608	NonCancer	0.00E+00	3.23E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.47E-05	0.00E+00	8.02E-06	0.00E+00	2.14E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
612	ALL	654430.1	4187608	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.30E-05	0.00E+00	7.70E-06	0.00E+00	2.06E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
613	ALL	654450.1	4187608	NonCancer	0.00E+00	2.98E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.14E-05	0.00E+00	7.40E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
614	ALL	654470.1	4187608	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	3.99E-05	0.00E+00	7.12E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
615	ALL	654490.1	4187608	NonCancer	0.00E+00	2.76E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.84E-05	0.00E+00	6.84E-06	0.00E+00	1.83E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
616	ALL	653690.1	4187628	NonCancer	0.00E+00	7.31E-06	0.00E+00	4.85E-07	4.85E-07	4.85E-07	1.01E-04	0.00E+00	1.82E-05	0.00E+00	4.85E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
617	ALL	653710.1	4187628	NonCancer	0.00E+00	7.24E-06	0.00E+00	4.81E-07	4.81E-07	4.81E-07	1.02E-04	0.00E+00	1.80E-05	0.00E+00	4.81E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
618	ALL	653730.1	4187628	NonCancer	0.00E+00	7.19E-06	0.00E+00	4.77E-07	4.77E-07	4.77E-07	1.03E-04	0.00E+00	1.79E-05	0.00E+00	4.77E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
619	ALL	653750.1	4187628	NonCancer	0.00E+00	7.27E-06	0.00E+00	4.82E-07	4.82E-07	4.82E-07	1.05E-04	0.00E+00	1.81E-05	0.00E+00	4.82E-07	2.78E-04	0.00E+00	0.00E+00	2.78E-04
620	ALL	653770.1	4187628	NonCancer	0.00E+00	7.50E-06	0.00E+00	4.98E-07	4.98E-07	4.98E-07	1.08E-04	0.00E+00	1.87E-05	0.00E+00	4.98E-07	2.87E-04	0.00E+00	0.00E+00	2.87E-04
621	ALL	653790.1	4187628	NonCancer	0.00E+00	7.79E-06	0.00E+00	5.17E-07	5.17E-07	5.17E-07	1.11E-04	0.00E+00	1.94E-05	0.00E+00	5.17E-07	2.97E-04	0.00E+00	0.00E+00	2.97E-04
622	ALL	653810.1	4187628	NonCancer	0.00E+00	8.03E-06	0.00E+00	5.33E-07	5.33E-07	5.33E-07	1.13E-04	0.00E+00	2.00E-05	0.00E+00	5.33E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
623	ALL	653830.1	4187628	NonCancer	0.00E+00	8.21E-06	0.00E+00	5.45E-07	5.45E-07	5.45E-07	1.15E-04	0.00E+00	2.04E-05	0.00E+00	5.45E-07	3.11E-04	0.00E+00	0.00E+00	3.11E-04
624	ALL	653850.1	4187628	NonCancer	0.00E+00	8.33E-06	0.00E+00	5.53E-07	5.53E-07	5.53E-07	1.15E-04	0.00E+00	2.07E-05	0.00E+00	5.53E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
625	ALL	653870.1	4187628	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.15E-04	0.00E+00	2.08E-05	0.00E+00	5.57E-07	3.16E-04	0.00E+00	0.00E+00	3.16E-04
626	ALL	653890.1	4187628	NonCancer	0.00E+00	8.34E-06	0.00E+00	5.53E-07	5.53E-07	5.53E-07	1.13E-04	0.00E+00	2.07E-05	0.00E+00	5.53E-07	3.13E-04	0.00E+00	0.00E+00	3.13E-04
627	ALL	653910.1	4187628	NonCancer	0.00E+00	8.16E-06	0.00E+00	5.42E-07	5.42E-07	5.42E-07	1.11E-04	0.00E+00	2.03E-05	0.00E+00	5.42E-07	3.07E-04	0.00E+00	0.00E+00	3.07E-04
628	ALL	653930.1	4187628	NonCancer	0.00E+00	7.92E-06	0.00E+00	5.25E-07	5.25E-07	5.25E-07	1.08E-04	0.00E+00	1.96E-05	0.00E+00	5.25E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
629	ALL	653950.1	4187628	NonCancer	0.00E+00	7.67E-06	0.00E+00	5.09E-07	5.09E-07	5.09E-07	1.05E-04	0.00E+00	1.90E-05	0.00E+00	5.09E-07	2.89E-04	0.00E+00	0.00E+00	2.89E-04
630	ALL	653970.1	4187628	NonCancer	0.00E+00	7.47E-06	0.00E+00	4.95E-07	4.95E-07	4.95E-07	1.02E-04	0.00E+00	1.85E-05	0.00E+00	4.95E-07	2.82E-04	0.00E+00	0.00E+00	2.82E-04
631	ALL	653990.1	4187628	NonCancer	0.00E+00	7.31E-06	0.00E+00	4.85E-07	4.85E-07	4.85E-07	1.00E-04	0.00E+00	1.82E-05	0.00E+00	4.85E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
632	ALL	654010.1	4187628	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.78E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
633	ALL	654030.1	4187628	NonCancer	0.00E+00	7.03E-06	0.00E+00	4.67E-07	4.67E-07	4.67E-07	9.54E-05	0.00E+00	1.75E-05	0.00E+00	4.67E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
634	ALL	654050.1	4187628	NonCancer	0.00E+00	6.87E-06	0.00E+00	4.56E-07	4.56E-07	4.56E-07	9.28E-05	0.00E+00	1.70E-05	0.00E+00	4.56E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
635	ALL	654070.1	4187628	NonCancer	0.00E+00	6.67E-06	0.00E+00	4.43E-07	4.43E-07	4.43E-07	9.01E-05	0.00E+00	1.65E-05	0.00E+00	4.43E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
636	ALL	654090.1	4187628	NonCancer	0.00E+00	6.45E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	8.72E-05	0.00E+00	1.60E-05	0.00E+00	4.28E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
637	ALL	654110.1	4187628	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.41E-05	0.00E+00	1.54E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
638	ALL	654130.1	4187628	NonCancer	0.00E+00	5.99E-06	0.00E+00	3.98E-07	3.98E-07	3.98E-07	8.11E-05	0.00E+00	1.49E-05	0.00E+00	3.98E-07	2.25E-04	0.00E+00	0.00E+00	2.25E-04
639	ALL	654150.1	4187628	NonCancer	0.00E+00	5.76E-06	0.00E+00	3.82E-07	3.82E-07	3.82E-07	7.81E-05	0.00E+00	1.43E-05	0.00E+00	3.82E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
640	ALL	654170.1	4187628	NonCancer	0.00E+00	5.53E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.51E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
641	ALL	654190.1	4187628	NonCancer	0.00E+00	5.30E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.21E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
642	ALL	654210.1	4187628	NonCancer	0.00E+00	5.08E-06	0.00E+00	3.37E-07	3.37E-07	3.37E-07	6.92E-05	0.00E+00	1.26E-05	0.00E+00	3.37E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
643	ALL	654230.1	4187628	NonCancer	0.00E+00	4.87E-06	0.00E+00	3.23E-07	3.23E-07	3.23E-07	6.64E-05	0.00E+00	1.21E-05	0.00E+00	3.23E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
644	ALL	654250.1	4187628	NonCancer	0.00E+00	4.66E-06	0.00E+00	3.09E-07	3.09E-07	3.09E-07	6.37E-05	0.00E+00	1.16E-05	0.00E+00	3.09E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
645	ALL	654270.1	4187628	NonCancer	0.00E+00	4.46E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.11E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
646	ALL	654290.1	4187628	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.85E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
647	ALL	654310.1	4187628	NonCancer	0.00E+00	4.09E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.61E-05	0.00E+00	1.02E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
648	ALL	654330.1	4187628	NonCancer	0.00E+00	3.91E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.38E-05	0.00E+00	9.72E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
649	ALL	654350.1	4187628	NonCancer	0.00E+00	3.75E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.16E-05	0.00E+00	9.30E-06	0.00E+00	2.49E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04

650	ALL	654370.1	4187628	NonCancer	0.00E+00	3.59E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	4.95E-05	0.00E+00	8.91E-06	0.00E+00	2.38E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
651	ALL	654390.1	4187628	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.75E-05	0.00E+00	8.54E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
652	ALL	654410.1	4187628	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.56E-05	0.00E+00	8.18E-06	0.00E+00	2.19E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
653	ALL	654430.1	4187628	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	4.38E-05	0.00E+00	7.85E-06	0.00E+00	2.10E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
654	ALL	654450.1	4187628	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.21E-05	0.00E+00	7.53E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
655	ALL	654470.1	4187628	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.05E-05	0.00E+00	7.23E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
656	ALL	654490.1	4187628	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.90E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
657	ALL	653690.1	4187648	NonCancer	0.00E+00	8.12E-06	0.00E+00	5.39E-07	5.39E-07	5.39E-07	1.12E-04	0.00E+00	2.02E-05	0.00E+00	5.39E-07	3.06E-04	0.00E+00	0.00E+00	3.06E-04
658	ALL	653710.1	4187648	NonCancer	0.00E+00	8.06E-06	0.00E+00	5.34E-07	5.34E-07	5.34E-07	1.12E-04	0.00E+00	2.00E-05	0.00E+00	5.34E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
659	ALL	653730.1	4187648	NonCancer	0.00E+00	8.00E-06	0.00E+00	5.31E-07	5.31E-07	5.31E-07	1.14E-04	0.00E+00	1.99E-05	0.00E+00	5.31E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
660	ALL	653750.1	4187648	NonCancer	0.00E+00	8.11E-06	0.00E+00	5.38E-07	5.38E-07	5.38E-07	1.17E-04	0.00E+00	2.02E-05	0.00E+00	5.38E-07	3.10E-04	0.00E+00	0.00E+00	3.10E-04
661	ALL	653770.1	4187648	NonCancer	0.00E+00	8.38E-06	0.00E+00	5.56E-07	5.56E-07	5.56E-07	1.20E-04	0.00E+00	2.08E-05	0.00E+00	5.56E-07	3.20E-04	0.00E+00	0.00E+00	3.20E-04
662	ALL	653790.1	4187648	NonCancer	0.00E+00	8.71E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.24E-04	0.00E+00	2.16E-05	0.00E+00	5.78E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
663	ALL	653810.1	4187648	NonCancer	0.00E+00	8.98E-06	0.00E+00	5.96E-07	5.96E-07	5.96E-07	1.26E-04	0.00E+00	2.23E-05	0.00E+00	5.96E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04
664	ALL	653830.1	4187648	NonCancer	0.00E+00	9.18E-06	0.00E+00	6.09E-07	6.09E-07	6.09E-07	1.27E-04	0.00E+00	2.28E-05	0.00E+00	6.09E-07	3.47E-04	0.00E+00	0.00E+00	3.47E-04
665	ALL	653850.1	4187648	NonCancer	0.00E+00	9.31E-06	0.00E+00	6.18E-07	6.18E-07	6.18E-07	1.28E-04	0.00E+00	2.31E-05	0.00E+00	6.18E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
666	ALL	653870.1	4187648	NonCancer	0.00E+00	9.33E-06	0.00E+00	6.19E-07	6.19E-07	6.19E-07	1.26E-04	0.00E+00	2.31E-05	0.00E+00	6.19E-07	3.50E-04	0.00E+00	0.00E+00	3.50E-04
667	ALL	653890.1	4187648	NonCancer	0.00E+00	9.20E-06	0.00E+00	6.11E-07	6.11E-07	6.11E-07	1.24E-04	0.00E+00	2.28E-05	0.00E+00	6.11E-07	3.45E-04	0.00E+00	0.00E+00	3.45E-04
668	ALL	653910.1	4187648	NonCancer	0.00E+00	8.95E-06	0.00E+00	5.94E-07	5.94E-07	5.94E-07	1.21E-04	0.00E+00	2.22E-05	0.00E+00	5.94E-07	3.36E-04	0.00E+00	0.00E+00	3.36E-04
669	ALL	653930.1	4187648	NonCancer	0.00E+00	8.66E-06	0.00E+00	5.74E-07	5.74E-07	5.74E-07	1.18E-04	0.00E+00	2.15E-05	0.00E+00	5.74E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04
670	ALL	653950.1	4187648	NonCancer	0.00E+00	8.40E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.14E-04	0.00E+00	2.08E-05	0.00E+00	5.57E-07	3.16E-04	0.00E+00	0.00E+00	3.16E-04
671	ALL	653970.1	4187648	NonCancer	0.00E+00	8.20E-06	0.00E+00	5.44E-07	5.44E-07	5.44E-07	1.12E-04	0.00E+00	2.04E-05	0.00E+00	5.44E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
672	ALL	653990.1	4187648	NonCancer	0.00E+00	8.04E-06	0.00E+00	5.33E-07	5.33E-07	5.33E-07	1.09E-04	0.00E+00	1.99E-05	0.00E+00	5.33E-07	3.02E-04	0.00E+00	0.00E+00	3.02E-04
673	ALL	654010.1	4187648	NonCancer	0.00E+00	7.87E-06	0.00E+00	5.22E-07	5.22E-07	5.22E-07	1.06E-04	0.00E+00	1.95E-05	0.00E+00	5.22E-07	2.95E-04	0.00E+00	0.00E+00	2.95E-04
674	ALL	654030.1	4187648	NonCancer	0.00E+00	7.67E-06	0.00E+00	5.09E-07	5.09E-07	5.09E-07	1.03E-04	0.00E+00	1.90E-05	0.00E+00	5.09E-07	2.87E-04	0.00E+00	0.00E+00	2.87E-04
675	ALL	654050.1	4187648	NonCancer	0.00E+00	7.44E-06	0.00E+00	4.94E-07	4.94E-07	4.94E-07	9.98E-05	0.00E+00	1.84E-05	0.00E+00	4.94E-07	2.79E-04	0.00E+00	0.00E+00	2.79E-04
676	ALL	654070.1	4187648	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.64E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.69E-04	0.00E+00	0.00E+00	2.69E-04
677	ALL	654090.1	4187648	NonCancer	0.00E+00	6.91E-06	0.00E+00	4.58E-07	4.58E-07	4.58E-07	9.29E-05	0.00E+00	1.71E-05	0.00E+00	4.58E-07	2.59E-04	0.00E+00	0.00E+00	2.59E-04
678	ALL	654110.1	4187648	NonCancer	0.00E+00	6.63E-06	0.00E+00	4.40E-07	4.40E-07	4.40E-07	8.93E-05	0.00E+00	1.65E-05	0.00E+00	4.40E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
679	ALL	654130.1	4187648	NonCancer	0.00E+00	6.36E-06	0.00E+00	4.22E-07	4.22E-07	4.22E-07	8.57E-05	0.00E+00	1.58E-05	0.00E+00	4.22E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
680	ALL	654150.1	4187648	NonCancer	0.00E+00	6.09E-06	0.00E+00	4.04E-07	4.04E-07	4.04E-07	8.22E-05	0.00E+00	1.51E-05	0.00E+00	4.04E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
681	ALL	654170.1	4187648	NonCancer	0.00E+00	5.82E-06	0.00E+00	3.86E-07	3.86E-07	3.86E-07	7.87E-05	0.00E+00	1.44E-05	0.00E+00	3.86E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
682	ALL	654190.1	4187648	NonCancer	0.00E+00	5.56E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	7.53E-05	0.00E+00	1.38E-05	0.00E+00	3.69E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
683	ALL	654210.1	4187648	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	7.21E-05	0.00E+00	1.32E-05	0.00E+00	3.52E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
684	ALL	654230.1	4187648	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	6.89E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
685	ALL	654250.1	4187648	NonCancer	0.00E+00	4.84E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.59E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
686	ALL	654270.1	4187648	NonCancer	0.00E+00	4.62E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.30E-05	0.00E+00	1.15E-05	0.00E+00	3.06E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
687	ALL	654290.1	4187648	NonCancer	0.00E+00	4.41E-06	0.00E+00	2.92E-07	2.92E-07	2.92E-07	6.02E-05	0.00E+00	1.09E-05	0.00E+00	2.92E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
688	ALL	654310.1	4187648	NonCancer	0.00E+00	4.21E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.76E-05	0.00E+00	1.04E-05	0.00E+00	2.79E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
689	ALL	654330.1	4187648	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.51E-05	0.00E+00	9.97E-06	0.00E+00	2.66E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
690	ALL	654350.1	4187648	NonCancer	0.00E+00	3.84E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.28E-05	0.00E+00	9.52E-06	0.00E+00	2.55E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
691	ALL	654370.1	4187648	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.05E-05	0.00E+00	9.10E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
692	ALL	654390.1	4187648	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.84E-05	0.00E+00	8.71E-06	0.00E+00	2.33E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
693	ALL	654410.1	4187648	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.64E-05	0.00E+00	8.33E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
694	ALL	654430.1	4187648	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.46E-05	0.00E+00	7.98E-06	0.00E+00	2.13E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
695	ALL	654450.1	4187648	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.28E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
696	ALL	654470.1	4187648	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.11E-05	0.00E+00	7.33E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
697	ALL	654490.1	4187648	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.95E-05	0.00E+00	7.03E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
698	ALL	653690.1	4187668	NonCancer	0.00E+00	9.08E-06	0.00E+00	6.02E-07	6.02E-07	6.02E-07	1.24E-04	0.00E+00	2.25E-05	0.00E+00	6.02E-07	3.42E-04	0.00E+00	0.00E+00	3.42E-04
699	ALL	653710.1	4187668	NonCancer	0.00E+00	9.02E-06	0.00E+00	5.98E-07	5.98E-07	5.98E-07	1.25E-04	0.00E+00	2.24E-05	0.00E+00	5.98E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04

700	ALL	653730.1	4187668	NonCancer	0.00E+00	8.96E-06	0.00E+00	5.95E-07	5.95E-07	5.95E-07	1.27E-04	0.00E+00	2.23E-05	0.00E+00	5.95E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04
701	ALL	653750.1	4187668	NonCancer	0.00E+00	9.09E-06	0.00E+00	6.03E-07	6.03E-07	6.03E-07	1.30E-04	0.00E+00	2.26E-05	0.00E+00	6.03E-07	3.47E-04	0.00E+00	0.00E+00	3.47E-04
702	ALL	653770.1	4187668	NonCancer	0.00E+00	9.43E-06	0.00E+00	6.25E-07	6.25E-07	6.25E-07	1.34E-04	0.00E+00	2.34E-05	0.00E+00	6.25E-07	3.59E-04	0.00E+00	0.00E+00	3.59E-04
703	ALL	653790.1	4187668	NonCancer	0.00E+00	9.81E-06	0.00E+00	6.51E-07	6.51E-07	6.51E-07	1.38E-04	0.00E+00	2.44E-05	0.00E+00	6.51E-07	3.73E-04	0.00E+00	0.00E+00	3.73E-04
704	ALL	653810.1	4187668	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.72E-07	6.72E-07	6.72E-07	1.41E-04	0.00E+00	2.52E-05	0.00E+00	6.72E-07	3.83E-04	0.00E+00	0.00E+00	3.83E-04
705	ALL	653830.1	4187668	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.86E-07	6.86E-07	6.86E-07	1.42E-04	0.00E+00	2.57E-05	0.00E+00	6.86E-07	3.90E-04	0.00E+00	0.00E+00	3.90E-04
706	ALL	653850.1	4187668	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.94E-07	6.94E-07	6.94E-07	1.42E-04	0.00E+00	2.59E-05	0.00E+00	6.94E-07	3.93E-04	0.00E+00	0.00E+00	3.93E-04
707	ALL	653870.1	4187668	NonCancer	0.00E+00	1.04E-05	0.00E+00	6.91E-07	6.91E-07	6.91E-07	1.40E-04	0.00E+00	2.58E-05	0.00E+00	6.91E-07	3.90E-04	0.00E+00	0.00E+00	3.90E-04
708	ALL	653890.1	4187668	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.76E-07	6.76E-07	6.76E-07	1.36E-04	0.00E+00	2.53E-05	0.00E+00	6.76E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
709	ALL	653910.1	4187668	NonCancer	0.00E+00	9.86E-06	0.00E+00	6.54E-07	6.54E-07	6.54E-07	1.33E-04	0.00E+00	2.45E-05	0.00E+00	6.54E-07	3.70E-04	0.00E+00	0.00E+00	3.70E-04
710	ALL	653930.1	4187668	NonCancer	0.00E+00	9.53E-06	0.00E+00	6.33E-07	6.33E-07	6.33E-07	1.29E-04	0.00E+00	2.37E-05	0.00E+00	6.33E-07	3.58E-04	0.00E+00	0.00E+00	3.58E-04
711	ALL	653950.1	4187668	NonCancer	0.00E+00	9.28E-06	0.00E+00	6.16E-07	6.16E-07	6.16E-07	1.26E-04	0.00E+00	2.30E-05	0.00E+00	6.16E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
712	ALL	653970.1	4187668	NonCancer	0.00E+00	9.07E-06	0.00E+00	6.02E-07	6.02E-07	6.02E-07	1.22E-04	0.00E+00	2.25E-05	0.00E+00	6.02E-07	3.40E-04	0.00E+00	0.00E+00	3.40E-04
713	ALL	653990.1	4187668	NonCancer	0.00E+00	8.86E-06	0.00E+00	5.88E-07	5.88E-07	5.88E-07	1.19E-04	0.00E+00	2.20E-05	0.00E+00	5.88E-07	3.32E-04	0.00E+00	0.00E+00	3.32E-04
714	ALL	654010.1	4187668	NonCancer	0.00E+00	8.63E-06	0.00E+00	5.73E-07	5.73E-07	5.73E-07	1.15E-04	0.00E+00	2.14E-05	0.00E+00	5.73E-07	3.23E-04	0.00E+00	0.00E+00	3.23E-04
715	ALL	654030.1	4187668	NonCancer	0.00E+00	8.35E-06	0.00E+00	5.54E-07	5.54E-07	5.54E-07	1.11E-04	0.00E+00	2.07E-05	0.00E+00	5.54E-07	3.12E-04	0.00E+00	0.00E+00	3.12E-04
716	ALL	654050.1	4187668	NonCancer	0.00E+00	8.04E-06	0.00E+00	5.34E-07	5.34E-07	5.34E-07	1.07E-04	0.00E+00	1.99E-05	0.00E+00	5.34E-07	3.01E-04	0.00E+00	0.00E+00	3.01E-04
717	ALL	654070.1	4187668	NonCancer	0.00E+00	7.72E-06	0.00E+00	5.12E-07	5.12E-07	5.12E-07	1.03E-04	0.00E+00	1.91E-05	0.00E+00	5.12E-07	2.89E-04	0.00E+00	0.00E+00	2.89E-04
718	ALL	654090.1	4187668	NonCancer	0.00E+00	7.39E-06	0.00E+00	4.90E-07	4.90E-07	4.90E-07	9.88E-05	0.00E+00	1.83E-05	0.00E+00	4.90E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
719	ALL	654110.1	4187668	NonCancer	0.00E+00	7.06E-06	0.00E+00	4.68E-07	4.68E-07	4.68E-07	9.45E-05	0.00E+00	1.75E-05	0.00E+00	4.68E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
720	ALL	654130.1	4187668	NonCancer	0.00E+00	6.73E-06	0.00E+00	4.47E-07	4.47E-07	4.47E-07	9.04E-05	0.00E+00	1.67E-05	0.00E+00	4.47E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
721	ALL	654150.1	4187668	NonCancer	0.00E+00	6.42E-06	0.00E+00	4.26E-07	4.26E-07	4.26E-07	8.63E-05	0.00E+00	1.59E-05	0.00E+00	4.26E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
722	ALL	654170.1	4187668	NonCancer	0.00E+00	6.11E-06	0.00E+00	4.05E-07	4.05E-07	4.05E-07	8.23E-05	0.00E+00	1.52E-05	0.00E+00	4.05E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
723	ALL	654190.1	4187668	NonCancer	0.00E+00	5.81E-06	0.00E+00	3.86E-07	3.86E-07	3.86E-07	7.85E-05	0.00E+00	1.44E-05	0.00E+00	3.86E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
724	ALL	654210.1	4187668	NonCancer	0.00E+00	5.53E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.48E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
725	ALL	654230.1	4187668	NonCancer	0.00E+00	5.26E-06	0.00E+00	3.49E-07	3.49E-07	3.49E-07	7.13E-05	0.00E+00	1.31E-05	0.00E+00	3.49E-07	1.98E-04	0.00E+00	0.00E+00	1.98E-04
726	ALL	654250.1	4187668	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	6.80E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
727	ALL	654270.1	4187668	NonCancer	0.00E+00	4.76E-06	0.00E+00	3.16E-07	3.16E-07	3.16E-07	6.48E-05	0.00E+00	1.18E-05	0.00E+00	3.16E-07	1.79E-04	0.00E+00	0.00E+00	1.79E-04
728	ALL	654290.1	4187668	NonCancer	0.00E+00	4.53E-06	0.00E+00	3.01E-07	3.01E-07	3.01E-07	6.18E-05	0.00E+00	1.12E-05	0.00E+00	3.01E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
729	ALL	654310.1	4187668	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.90E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
730	ALL	654330.1	4187668	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.64E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
731	ALL	654350.1	4187668	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.39E-05	0.00E+00	9.72E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
732	ALL	654370.1	4187668	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.15E-05	0.00E+00	9.28E-06	0.00E+00	2.48E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
733	ALL	654390.1	4187668	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.93E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
734	ALL	654410.1	4187668	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.72E-05	0.00E+00	8.46E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
735	ALL	654430.1	4187668	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	4.52E-05	0.00E+00	8.09E-06	0.00E+00	2.16E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
736	ALL	654450.1	4187668	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.34E-05	0.00E+00	7.75E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
737	ALL	654470.1	4187668	NonCancer	0.00E+00	2.99E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.16E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
738	ALL	654490.1	4187668	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.00E-05	0.00E+00	7.11E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
739	ALL	653690.1	4187688	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.78E-07	6.78E-07	6.78E-07	1.39E-04	0.00E+00	2.54E-05	0.00E+00	6.78E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
740	ALL	653710.1	4187688	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.75E-07	6.75E-07	6.75E-07	1.40E-04	0.00E+00	2.52E-05	0.00E+00	6.75E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
741	ALL	653730.1	4187688	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.71E-07	6.71E-07	6.71E-07	1.42E-04	0.00E+00	2.51E-05	0.00E+00	6.71E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
742	ALL	653750.1	4187688	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.82E-07	6.82E-07	6.82E-07	1.46E-04	0.00E+00	2.56E-05	0.00E+00	6.82E-07	3.92E-04	0.00E+00	0.00E+00	3.92E-04
743	ALL	653770.1	4187688	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.09E-07	7.09E-07	7.09E-07	1.51E-04	0.00E+00	2.66E-05	0.00E+00	7.09E-07	4.07E-04	0.00E+00	0.00E+00	4.07E-04
744	ALL	653790.1	4187688	NonCancer	0.00E+00	1.11E-05	0.00E+00	7.40E-07	7.40E-07	7.40E-07	1.56E-04	0.00E+00	2.77E-05	0.00E+00	7.40E-07	4.22E-04	0.00E+00	0.00E+00	4.22E-04
745	ALL	653810.1	4187688	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.64E-07	7.64E-07	7.64E-07	1.59E-04	0.00E+00	2.86E-05	0.00E+00	7.64E-07	4.34E-04	0.00E+00	0.00E+00	4.34E-04
746	ALL	653830.1	4187688	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.79E-07	7.79E-07	7.79E-07	1.59E-04	0.00E+00	2.91E-05	0.00E+00	7.79E-07	4.41E-04	0.00E+00	0.00E+00	4.41E-04
747	ALL	653850.1	4187688	NonCancer	0.00E+00	1.18E-05	0.00E+00	7.84E-07	7.84E-07	7.84E-07	1.58E-04	0.00E+00	2.93E-05	0.00E+00	7.84E-07	4.42E-04	0.00E+00	0.00E+00	4.42E-04
748	ALL	653870.1	4187688	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.74E-07	7.74E-07	7.74E-07	1.55E-04	0.00E+00	2.89E-05	0.00E+00	7.74E-07	4.36E-04	0.00E+00	0.00E+00	4.36E-04
749	ALL	653890.1	4187688	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.52E-07	7.52E-07	7.52E-07	1.51E-04	0.00E+00	2.81E-05	0.00E+00	7.52E-07	4.24E-04	0.00E+00	0.00E+00	4.24E-04

750	ALL	653910.1	4187688	NonCancer	0.00E+00	1.09E-05	0.00E+00	7.26E-07	7.26E-07	7.26E-07	1.46E-04	0.00E+00	2.71E-05	0.00E+00	7.26E-07	4.10E-04	0.00E+00	0.00E+00	4.10E-04
751	ALL	653930.1	4187688	NonCancer	0.00E+00	1.06E-05	0.00E+00	7.03E-07	7.03E-07	7.03E-07	1.42E-04	0.00E+00	2.63E-05	0.00E+00	7.03E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
752	ALL	653950.1	4187688	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.86E-07	6.86E-07	6.86E-07	1.38E-04	0.00E+00	2.56E-05	0.00E+00	6.86E-07	3.87E-04	0.00E+00	0.00E+00	3.87E-04
753	ALL	653970.1	4187688	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.69E-07	6.69E-07	6.69E-07	1.34E-04	0.00E+00	2.50E-05	0.00E+00	6.69E-07	3.77E-04	0.00E+00	0.00E+00	3.77E-04
754	ALL	653990.1	4187688	NonCancer	0.00E+00	9.79E-06	0.00E+00	6.50E-07	6.50E-07	6.50E-07	1.30E-04	0.00E+00	2.43E-05	0.00E+00	6.50E-07	3.66E-04	0.00E+00	0.00E+00	3.66E-04
755	ALL	654010.1	4187688	NonCancer	0.00E+00	9.46E-06	0.00E+00	6.28E-07	6.28E-07	6.28E-07	1.25E-04	0.00E+00	2.34E-05	0.00E+00	6.28E-07	3.53E-04	0.00E+00	0.00E+00	3.53E-04
756	ALL	654030.1	4187688	NonCancer	0.00E+00	9.08E-06	0.00E+00	6.03E-07	6.03E-07	6.03E-07	1.20E-04	0.00E+00	2.25E-05	0.00E+00	6.03E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
757	ALL	654050.1	4187688	NonCancer	0.00E+00	8.69E-06	0.00E+00	5.76E-07	5.76E-07	5.76E-07	1.15E-04	0.00E+00	2.15E-05	0.00E+00	5.76E-07	3.24E-04	0.00E+00	0.00E+00	3.24E-04
758	ALL	654070.1	4187688	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.50E-07	5.50E-07	5.50E-07	1.10E-04	0.00E+00	2.05E-05	0.00E+00	5.50E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
759	ALL	654090.1	4187688	NonCancer	0.00E+00	7.88E-06	0.00E+00	5.23E-07	5.23E-07	5.23E-07	1.05E-04	0.00E+00	1.96E-05	0.00E+00	5.23E-07	2.95E-04	0.00E+00	0.00E+00	2.95E-04
760	ALL	654110.1	4187688	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	9.99E-05	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.80E-04	0.00E+00	0.00E+00	2.80E-04
761	ALL	654130.1	4187688	NonCancer	0.00E+00	7.11E-06	0.00E+00	4.72E-07	4.72E-07	4.72E-07	9.50E-05	0.00E+00	1.76E-05	0.00E+00	4.72E-07	2.66E-04	0.00E+00	0.00E+00	2.66E-04
762	ALL	654150.1	4187688	NonCancer	0.00E+00	6.75E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.03E-05	0.00E+00	1.67E-05	0.00E+00	4.48E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
763	ALL	654170.1	4187688	NonCancer	0.00E+00	6.39E-06	0.00E+00	4.24E-07	4.24E-07	4.24E-07	8.58E-05	0.00E+00	1.59E-05	0.00E+00	4.24E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
764	ALL	654190.1	4187688	NonCancer	0.00E+00	6.06E-06	0.00E+00	4.02E-07	4.02E-07	4.02E-07	8.15E-05	0.00E+00	1.50E-05	0.00E+00	4.02E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04
765	ALL	654210.1	4187688	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.74E-05	0.00E+00	1.42E-05	0.00E+00	3.81E-07	2.15E-04	0.00E+00	0.00E+00	2.15E-04
766	ALL	654230.1	4187688	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.36E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
767	ALL	654250.1	4187688	NonCancer	0.00E+00	5.16E-06	0.00E+00	3.42E-07	3.42E-07	3.42E-07	7.00E-05	0.00E+00	1.28E-05	0.00E+00	3.42E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
768	ALL	654270.1	4187688	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.65E-05	0.00E+00	1.21E-05	0.00E+00	3.25E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
769	ALL	654290.1	4187688	NonCancer	0.00E+00	4.64E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.33E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
770	ALL	654310.1	4187688	NonCancer	0.00E+00	4.41E-06	0.00E+00	2.93E-07	2.93E-07	2.93E-07	6.03E-05	0.00E+00	1.09E-05	0.00E+00	2.93E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
771	ALL	654330.1	4187688	NonCancer	0.00E+00	4.19E-06	0.00E+00	2.78E-07	2.78E-07	2.78E-07	5.75E-05	0.00E+00	1.04E-05	0.00E+00	2.78E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
772	ALL	654350.1	4187688	NonCancer	0.00E+00	3.99E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	5.49E-05	0.00E+00	9.90E-06	0.00E+00	2.65E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
773	ALL	654370.1	4187688	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.24E-05	0.00E+00	9.43E-06	0.00E+00	2.52E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
774	ALL	654390.1	4187688	NonCancer	0.00E+00	3.62E-06	0.00E+00	2.40E-07	2.40E-07	2.40E-07	5.01E-05	0.00E+00	8.99E-06	0.00E+00	2.40E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
775	ALL	654410.1	4187688	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.79E-05	0.00E+00	8.58E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
776	ALL	654430.1	4187688	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.59E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
777	ALL	654450.1	4187688	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.39E-05	0.00E+00	7.83E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
778	ALL	654470.1	4187688	NonCancer	0.00E+00	3.02E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.21E-05	0.00E+00	7.49E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
779	ALL	654490.1	4187688	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.05E-05	0.00E+00	7.17E-06	0.00E+00	1.92E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
780	ALL	653690.1	4187708	NonCancer	0.00E+00	1.16E-05	0.00E+00	7.70E-07	7.70E-07	7.70E-07	1.57E-04	0.00E+00	2.88E-05	0.00E+00	7.70E-07	4.35E-04	0.00E+00	0.00E+00	4.35E-04
781	ALL	653710.1	4187708	NonCancer	0.00E+00	1.16E-05	0.00E+00	7.68E-07	7.68E-07	7.68E-07	1.58E-04	0.00E+00	2.87E-05	0.00E+00	7.68E-07	4.36E-04	0.00E+00	0.00E+00	4.36E-04
782	ALL	653730.1	4187708	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.64E-07	7.64E-07	7.64E-07	1.61E-04	0.00E+00	2.86E-05	0.00E+00	7.64E-07	4.37E-04	0.00E+00	0.00E+00	4.37E-04
783	ALL	653750.1	4187708	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.79E-07	7.79E-07	7.79E-07	1.66E-04	0.00E+00	2.92E-05	0.00E+00	7.79E-07	4.46E-04	0.00E+00	0.00E+00	4.46E-04
784	ALL	653770.1	4187708	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.12E-07	8.12E-07	8.12E-07	1.72E-04	0.00E+00	3.04E-05	0.00E+00	8.12E-07	4.64E-04	0.00E+00	0.00E+00	4.64E-04
785	ALL	653790.1	4187708	NonCancer	0.00E+00	1.28E-05	0.00E+00	8.48E-07	8.48E-07	8.48E-07	1.77E-04	0.00E+00	3.17E-05	0.00E+00	8.48E-07	4.83E-04	0.00E+00	0.00E+00	4.83E-04
786	ALL	653810.1	4187708	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.76E-07	8.76E-07	8.76E-07	1.80E-04	0.00E+00	3.28E-05	0.00E+00	8.76E-07	4.96E-04	0.00E+00	0.00E+00	4.96E-04
787	ALL	653830.1	4187708	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.92E-07	8.92E-07	8.92E-07	1.80E-04	0.00E+00	3.33E-05	0.00E+00	8.92E-07	5.03E-04	0.00E+00	0.00E+00	5.03E-04
788	ALL	653850.1	4187708	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.91E-07	8.91E-07	8.91E-07	1.77E-04	0.00E+00	3.33E-05	0.00E+00	8.91E-07	5.01E-04	0.00E+00	0.00E+00	5.01E-04
789	ALL	653870.1	4187708	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.72E-07	8.72E-07	8.72E-07	1.73E-04	0.00E+00	3.26E-05	0.00E+00	8.72E-07	4.90E-04	0.00E+00	0.00E+00	4.90E-04
790	ALL	653890.1	4187708	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.42E-07	8.42E-07	8.42E-07	1.68E-04	0.00E+00	3.14E-05	0.00E+00	8.42E-07	4.74E-04	0.00E+00	0.00E+00	4.74E-04
791	ALL	653910.1	4187708	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.13E-07	8.13E-07	8.13E-07	1.63E-04	0.00E+00	3.04E-05	0.00E+00	8.13E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
792	ALL	653930.1	4187708	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.89E-07	7.89E-07	7.89E-07	1.58E-04	0.00E+00	2.95E-05	0.00E+00	7.89E-07	4.44E-04	0.00E+00	0.00E+00	4.44E-04
793	ALL	653950.1	4187708	NonCancer	0.00E+00	1.16E-05	0.00E+00	7.68E-07	7.68E-07	7.68E-07	1.53E-04	0.00E+00	2.87E-05	0.00E+00	7.68E-07	4.32E-04	0.00E+00	0.00E+00	4.32E-04
794	ALL	653970.1	4187708	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.45E-07	7.45E-07	7.45E-07	1.48E-04	0.00E+00	2.78E-05	0.00E+00	7.45E-07	4.18E-04	0.00E+00	0.00E+00	4.18E-04
795	ALL	653990.1	4187708	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.17E-07	7.17E-07	7.17E-07	1.42E-04	0.00E+00	2.68E-05	0.00E+00	7.17E-07	4.02E-04	0.00E+00	0.00E+00	4.02E-04
796	ALL	654010.1	4187708	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.87E-07	6.87E-07	6.87E-07	1.36E-04	0.00E+00	2.56E-05	0.00E+00	6.87E-07	3.85E-04	0.00E+00	0.00E+00	3.85E-04
797	ALL	654030.1	4187708	NonCancer	0.00E+00	9.86E-06	0.00E+00	6.54E-07	6.54E-07	6.54E-07	1.30E-04	0.00E+00	2.44E-05	0.00E+00	6.54E-07	3.67E-04	0.00E+00	0.00E+00	3.67E-04
798	ALL	654050.1	4187708	NonCancer	0.00E+00	9.36E-06	0.00E+00	6.21E-07	6.21E-07	6.21E-07	1.23E-04	0.00E+00	2.32E-05	0.00E+00	6.21E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
799	ALL	654070.1	4187708	NonCancer	0.00E+00	8.87E-06	0.00E+00	5.89E-07	5.89E-07	5.89E-07	1.17E-04	0.00E+00	2.20E-05	0.00E+00	5.89E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04

800	ALL	654090.1	4187708	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.11E-04	0.00E+00	2.08E-05	0.00E+00	5.57E-07	3.13E-04	0.00E+00	0.00E+00	3.13E-04
801	ALL	654110.1	4187708	NonCancer	0.00E+00	7.93E-06	0.00E+00	5.26E-07	5.26E-07	5.26E-07	1.05E-04	0.00E+00	1.97E-05	0.00E+00	5.26E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
802	ALL	654130.1	4187708	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	9.96E-05	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.80E-04	0.00E+00	0.00E+00	2.80E-04
803	ALL	654150.1	4187708	NonCancer	0.00E+00	7.06E-06	0.00E+00	4.69E-07	4.69E-07	4.69E-07	9.42E-05	0.00E+00	1.75E-05	0.00E+00	4.69E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
804	ALL	654170.1	4187708	NonCancer	0.00E+00	6.66E-06	0.00E+00	4.42E-07	4.42E-07	4.42E-07	8.92E-05	0.00E+00	1.65E-05	0.00E+00	4.42E-07	2.49E-04	0.00E+00	0.00E+00	2.49E-04
805	ALL	654190.1	4187708	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	8.44E-05	0.00E+00	1.56E-05	0.00E+00	4.17E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
806	ALL	654210.1	4187708	NonCancer	0.00E+00	5.93E-06	0.00E+00	3.94E-07	3.94E-07	3.94E-07	7.99E-05	0.00E+00	1.47E-05	0.00E+00	3.94E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
807	ALL	654230.1	4187708	NonCancer	0.00E+00	5.60E-06	0.00E+00	3.72E-07	3.72E-07	3.72E-07	7.57E-05	0.00E+00	1.39E-05	0.00E+00	3.72E-07	2.10E-04	0.00E+00	0.00E+00	2.10E-04
808	ALL	654250.1	4187708	NonCancer	0.00E+00	5.29E-06	0.00E+00	3.51E-07	3.51E-07	3.51E-07	7.18E-05	0.00E+00	1.31E-05	0.00E+00	3.51E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
809	ALL	654270.1	4187708	NonCancer	0.00E+00	5.01E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	6.81E-05	0.00E+00	1.24E-05	0.00E+00	3.32E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
810	ALL	654290.1	4187708	NonCancer	0.00E+00	4.74E-06	0.00E+00	3.15E-07	3.15E-07	3.15E-07	6.47E-05	0.00E+00	1.18E-05	0.00E+00	3.15E-07	1.78E-04	0.00E+00	0.00E+00	1.78E-04
811	ALL	654310.1	4187708	NonCancer	0.00E+00	4.50E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.15E-05	0.00E+00	1.12E-05	0.00E+00	2.98E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
812	ALL	654330.1	4187708	NonCancer	0.00E+00	4.27E-06	0.00E+00	2.83E-07	2.83E-07	2.83E-07	5.85E-05	0.00E+00	1.06E-05	0.00E+00	2.83E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
813	ALL	654350.1	4187708	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.58E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
814	ALL	654370.1	4187708	NonCancer	0.00E+00	3.85E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	5.32E-05	0.00E+00	9.57E-06	0.00E+00	2.56E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
815	ALL	654390.1	4187708	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.08E-05	0.00E+00	9.11E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
816	ALL	654410.1	4187708	NonCancer	0.00E+00	3.49E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.85E-05	0.00E+00	8.68E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
817	ALL	654430.1	4187708	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.64E-05	0.00E+00	8.28E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
818	ALL	654450.1	4187708	NonCancer	0.00E+00	3.18E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.45E-05	0.00E+00	7.91E-06	0.00E+00	2.11E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
819	ALL	654470.1	4187708	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.26E-05	0.00E+00	7.56E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
820	ALL	654490.1	4187708	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.09E-05	0.00E+00	7.24E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
821	ALL	653690.1	4187728	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.82E-07	8.82E-07	8.82E-07	1.79E-04	0.00E+00	3.30E-05	0.00E+00	8.82E-07	4.98E-04	0.00E+00	0.00E+00	4.98E-04
822	ALL	653710.1	4187728	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.83E-07	8.83E-07	8.83E-07	1.80E-04	0.00E+00	3.30E-05	0.00E+00	8.83E-07	5.00E-04	0.00E+00	0.00E+00	5.00E-04
823	ALL	653730.1	4187728	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.80E-07	8.80E-07	8.80E-07	1.84E-04	0.00E+00	3.30E-05	0.00E+00	8.80E-07	5.02E-04	0.00E+00	0.00E+00	5.02E-04
824	ALL	653750.1	4187728	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.99E-07	8.99E-07	8.99E-07	1.90E-04	0.00E+00	3.37E-05	0.00E+00	8.99E-07	5.14E-04	0.00E+00	0.00E+00	5.14E-04
825	ALL	653770.1	4187728	NonCancer	0.00E+00	1.42E-05	0.00E+00	9.40E-07	9.40E-07	9.40E-07	1.97E-04	0.00E+00	3.52E-05	0.00E+00	9.40E-07	5.36E-04	0.00E+00	0.00E+00	5.36E-04
826	ALL	653790.1	4187728	NonCancer	0.00E+00	1.48E-05	0.00E+00	9.84E-07	9.84E-07	9.84E-07	2.03E-04	0.00E+00	3.68E-05	0.00E+00	9.84E-07	5.58E-04	0.00E+00	0.00E+00	5.58E-04
827	ALL	653810.1	4187728	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.05E-04	0.00E+00	3.80E-05	0.00E+00	1.02E-06	5.73E-04	0.00E+00	0.00E+00	5.73E-04
828	ALL	653830.1	4187728	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.05E-04	0.00E+00	3.85E-05	0.00E+00	1.03E-06	5.78E-04	0.00E+00	0.00E+00	5.78E-04
829	ALL	653850.1	4187728	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.01E-04	0.00E+00	3.80E-05	0.00E+00	1.02E-06	5.71E-04	0.00E+00	0.00E+00	5.71E-04
830	ALL	653870.1	4187728	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.88E-07	9.88E-07	9.88E-07	1.95E-04	0.00E+00	3.69E-05	0.00E+00	9.88E-07	5.54E-04	0.00E+00	0.00E+00	5.54E-04
831	ALL	653890.1	4187728	NonCancer	0.00E+00	1.43E-05	0.00E+00	9.51E-07	9.51E-07	9.51E-07	1.89E-04	0.00E+00	3.55E-05	0.00E+00	9.51E-07	5.34E-04	0.00E+00	0.00E+00	5.34E-04
832	ALL	653910.1	4187728	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.20E-07	9.20E-07	9.20E-07	1.82E-04	0.00E+00	3.44E-05	0.00E+00	9.20E-07	5.17E-04	0.00E+00	0.00E+00	5.17E-04
833	ALL	653930.1	4187728	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.93E-07	8.93E-07	8.93E-07	1.76E-04	0.00E+00	3.33E-05	0.00E+00	8.93E-07	5.01E-04	0.00E+00	0.00E+00	5.01E-04
834	ALL	653950.1	4187728	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.63E-07	8.63E-07	8.63E-07	1.70E-04	0.00E+00	3.22E-05	0.00E+00	8.63E-07	4.84E-04	0.00E+00	0.00E+00	4.84E-04
835	ALL	653970.1	4187728	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.29E-07	8.29E-07	8.29E-07	1.62E-04	0.00E+00	3.10E-05	0.00E+00	8.29E-07	4.64E-04	0.00E+00	0.00E+00	4.64E-04
836	ALL	653990.1	4187728	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.91E-07	7.91E-07	7.91E-07	1.55E-04	0.00E+00	2.95E-05	0.00E+00	7.91E-07	4.42E-04	0.00E+00	0.00E+00	4.42E-04
837	ALL	654010.1	4187728	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.50E-07	7.50E-07	7.50E-07	1.47E-04	0.00E+00	2.80E-05	0.00E+00	7.50E-07	4.20E-04	0.00E+00	0.00E+00	4.20E-04
838	ALL	654030.1	4187728	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.09E-07	7.09E-07	7.09E-07	1.39E-04	0.00E+00	2.65E-05	0.00E+00	7.09E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
839	ALL	654050.1	4187728	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.68E-07	6.68E-07	6.68E-07	1.32E-04	0.00E+00	2.49E-05	0.00E+00	6.68E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
840	ALL	654070.1	4187728	NonCancer	0.00E+00	9.47E-06	0.00E+00	6.29E-07	6.29E-07	6.29E-07	1.24E-04	0.00E+00	2.35E-05	0.00E+00	6.29E-07	3.53E-04	0.00E+00	0.00E+00	3.53E-04
841	ALL	654090.1	4187728	NonCancer	0.00E+00	8.90E-06	0.00E+00	5.91E-07	5.91E-07	5.91E-07	1.17E-04	0.00E+00	2.21E-05	0.00E+00	5.91E-07	3.32E-04	0.00E+00	0.00E+00	3.32E-04
842	ALL	654110.1	4187728	NonCancer	0.00E+00	8.36E-06	0.00E+00	5.55E-07	5.55E-07	5.55E-07	1.10E-04	0.00E+00	2.07E-05	0.00E+00	5.55E-07	3.12E-04	0.00E+00	0.00E+00	3.12E-04
843	ALL	654130.1	4187728	NonCancer	0.00E+00	7.84E-06	0.00E+00	5.20E-07	5.20E-07	5.20E-07	1.04E-04	0.00E+00	1.94E-05	0.00E+00	5.20E-07	2.93E-04	0.00E+00	0.00E+00	2.93E-04
844	ALL	654150.1	4187728	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	9.79E-05	0.00E+00	1.83E-05	0.00E+00	4.88E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
845	ALL	654170.1	4187728	NonCancer	0.00E+00	6.91E-06	0.00E+00	4.59E-07	4.59E-07	4.59E-07	9.23E-05	0.00E+00	1.71E-05	0.00E+00	4.59E-07	2.58E-04	0.00E+00	0.00E+00	2.58E-04
846	ALL	654190.1	4187728	NonCancer	0.00E+00	6.49E-06	0.00E+00	4.31E-07	4.31E-07	4.31E-07	8.70E-05	0.00E+00	1.61E-05	0.00E+00	4.31E-07	2.43E-04	0.00E+00	0.00E+00	2.43E-04
847	ALL	654210.1	4187728	NonCancer	0.00E+00	6.11E-06	0.00E+00	4.05E-07	4.05E-07	4.05E-07	8.21E-05	0.00E+00	1.51E-05	0.00E+00	4.05E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
848	ALL	654230.1	4187728	NonCancer	0.00E+00	5.75E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	7.76E-05	0.00E+00	1.43E-05	0.00E+00	3.81E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
849	ALL	654250.1	4187728	NonCancer	0.00E+00	5.42E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	7.34E-05	0.00E+00	1.34E-05	0.00E+00	3.60E-07	2.03E-04	0.00E+00	0.00E+00	2.03E-04

850	ALL	654270.1	4187728	NonCancer	0.00E+00	5.11E-06	0.00E+00	3.39E-07	3.39E-07	3.39E-07	6.95E-05	0.00E+00	1.27E-05	0.00E+00	3.39E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
851	ALL	654290.1	4187728	NonCancer	0.00E+00	4.83E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.59E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
852	ALL	654310.1	4187728	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.26E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
853	ALL	654330.1	4187728	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.87E-07	2.87E-07	2.87E-07	5.95E-05	0.00E+00	1.07E-05	0.00E+00	2.87E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
854	ALL	654350.1	4187728	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	5.66E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
855	ALL	654370.1	4187728	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.39E-05	0.00E+00	9.68E-06	0.00E+00	2.59E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
856	ALL	654390.1	4187728	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.14E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
857	ALL	654410.1	4187728	NonCancer	0.00E+00	3.53E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	4.91E-05	0.00E+00	8.77E-06	0.00E+00	2.34E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
858	ALL	654430.1	4187728	NonCancer	0.00E+00	3.36E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	4.70E-05	0.00E+00	8.36E-06	0.00E+00	2.23E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
859	ALL	654450.1	4187728	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.49E-05	0.00E+00	7.98E-06	0.00E+00	2.13E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
860	ALL	654470.1	4187728	NonCancer	0.00E+00	3.07E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.30E-05	0.00E+00	7.62E-06	0.00E+00	2.04E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
861	ALL	654490.1	4187728	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.13E-05	0.00E+00	7.29E-06	0.00E+00	1.95E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
862	ALL	653690.1	4187748	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.06E-04	0.00E+00	3.82E-05	0.00E+00	1.02E-06	5.76E-04	0.00E+00	0.00E+00	5.76E-04
863	ALL	653710.1	4187748	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.09E-04	0.00E+00	3.85E-05	0.00E+00	1.03E-06	5.82E-04	0.00E+00	0.00E+00	5.82E-04
864	ALL	653730.1	4187748	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.13E-04	0.00E+00	3.85E-05	0.00E+00	1.03E-06	5.85E-04	0.00E+00	0.00E+00	5.85E-04
865	ALL	653750.1	4187748	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.21E-04	0.00E+00	3.94E-05	0.00E+00	1.05E-06	6.01E-04	0.00E+00	0.00E+00	6.01E-04
866	ALL	653770.1	4187748	NonCancer	0.00E+00	1.67E-05	0.00E+00	1.11E-06	1.11E-06	1.11E-06	2.29E-04	0.00E+00	4.14E-05	0.00E+00	1.11E-06	6.28E-04	0.00E+00	0.00E+00	6.28E-04
867	ALL	653790.1	4187748	NonCancer	0.00E+00	1.74E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.35E-04	0.00E+00	4.33E-05	0.00E+00	1.16E-06	6.54E-04	0.00E+00	0.00E+00	6.54E-04
868	ALL	653810.1	4187748	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	2.37E-04	0.00E+00	4.45E-05	0.00E+00	1.19E-06	6.70E-04	0.00E+00	0.00E+00	6.70E-04
869	ALL	653830.1	4187748	NonCancer	0.00E+00	1.81E-05	0.00E+00	1.20E-06	1.20E-06	1.20E-06	2.35E-04	0.00E+00	4.48E-05	0.00E+00	1.20E-06	6.71E-04	0.00E+00	0.00E+00	6.71E-04
870	ALL	653850.1	4187748	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.17E-06	1.17E-06	1.17E-06	2.28E-04	0.00E+00	4.38E-05	0.00E+00	1.17E-06	6.56E-04	0.00E+00	0.00E+00	6.56E-04
871	ALL	653870.1	4187748	NonCancer	0.00E+00	1.70E-05	0.00E+00	1.13E-06	1.13E-06	1.13E-06	2.21E-04	0.00E+00	4.22E-05	0.00E+00	1.13E-06	6.33E-04	0.00E+00	0.00E+00	6.33E-04
872	ALL	653890.1	4187748	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.09E-06	1.09E-06	1.09E-06	2.13E-04	0.00E+00	4.06E-05	0.00E+00	1.09E-06	6.10E-04	0.00E+00	0.00E+00	6.10E-04
873	ALL	653910.1	4187748	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.05E-04	0.00E+00	3.93E-05	0.00E+00	1.05E-06	5.89E-04	0.00E+00	0.00E+00	5.89E-04
874	ALL	653930.1	4187748	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.01E-06	1.01E-06	1.01E-06	1.97E-04	0.00E+00	3.79E-05	0.00E+00	1.01E-06	5.67E-04	0.00E+00	0.00E+00	5.67E-04
875	ALL	653950.1	4187748	NonCancer	0.00E+00	1.46E-05	0.00E+00	9.71E-07	9.71E-07	9.71E-07	1.88E-04	0.00E+00	3.62E-05	0.00E+00	9.71E-07	5.42E-04	0.00E+00	0.00E+00	5.42E-04
876	ALL	653970.1	4187748	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.22E-07	9.22E-07	9.22E-07	1.79E-04	0.00E+00	3.44E-05	0.00E+00	9.22E-07	5.14E-04	0.00E+00	0.00E+00	5.14E-04
877	ALL	653990.1	4187748	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.69E-07	8.69E-07	8.69E-07	1.69E-04	0.00E+00	3.24E-05	0.00E+00	8.69E-07	4.85E-04	0.00E+00	0.00E+00	4.85E-04
878	ALL	654010.1	4187748	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.17E-07	8.17E-07	8.17E-07	1.59E-04	0.00E+00	3.05E-05	0.00E+00	8.17E-07	4.56E-04	0.00E+00	0.00E+00	4.56E-04
879	ALL	654030.1	4187748	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.65E-07	7.65E-07	7.65E-07	1.49E-04	0.00E+00	2.86E-05	0.00E+00	7.65E-07	4.28E-04	0.00E+00	0.00E+00	4.28E-04
880	ALL	654050.1	4187748	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.15E-07	7.15E-07	7.15E-07	1.40E-04	0.00E+00	2.67E-05	0.00E+00	7.15E-07	4.00E-04	0.00E+00	0.00E+00	4.00E-04
881	ALL	654070.1	4187748	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.68E-07	6.68E-07	6.68E-07	1.31E-04	0.00E+00	2.49E-05	0.00E+00	6.68E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
882	ALL	654090.1	4187748	NonCancer	0.00E+00	9.39E-06	0.00E+00	6.23E-07	6.23E-07	6.23E-07	1.23E-04	0.00E+00	2.33E-05	0.00E+00	6.23E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
883	ALL	654110.1	4187748	NonCancer	0.00E+00	8.76E-06	0.00E+00	5.81E-07	5.81E-07	5.81E-07	1.15E-04	0.00E+00	2.17E-05	0.00E+00	5.81E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
884	ALL	654130.1	4187748	NonCancer	0.00E+00	8.17E-06	0.00E+00	5.42E-07	5.42E-07	5.42E-07	1.08E-04	0.00E+00	2.03E-05	0.00E+00	5.42E-07	3.05E-04	0.00E+00	0.00E+00	3.05E-04
885	ALL	654150.1	4187748	NonCancer	0.00E+00	7.63E-06	0.00E+00	5.06E-07	5.06E-07	5.06E-07	1.01E-04	0.00E+00	1.89E-05	0.00E+00	5.06E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
886	ALL	654170.1	4187748	NonCancer	0.00E+00	7.13E-06	0.00E+00	4.73E-07	4.73E-07	4.73E-07	9.51E-05	0.00E+00	1.77E-05	0.00E+00	4.73E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
887	ALL	654190.1	4187748	NonCancer	0.00E+00	6.68E-06	0.00E+00	4.43E-07	4.43E-07	4.43E-07	8.94E-05	0.00E+00	1.66E-05	0.00E+00	4.43E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
888	ALL	654210.1	4187748	NonCancer	0.00E+00	6.26E-06	0.00E+00	4.15E-07	4.15E-07	4.15E-07	8.42E-05	0.00E+00	1.55E-05	0.00E+00	4.15E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
889	ALL	654230.1	4187748	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	7.94E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
890	ALL	654250.1	4187748	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.49E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
891	ALL	654270.1	4187748	NonCancer	0.00E+00	5.20E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.08E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
892	ALL	654290.1	4187748	NonCancer	0.00E+00	4.91E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	6.71E-05	0.00E+00	1.22E-05	0.00E+00	3.26E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
893	ALL	654310.1	4187748	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.36E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
894	ALL	654330.1	4187748	NonCancer	0.00E+00	4.38E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.04E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.65E-04	0.00E+00	0.00E+00	1.65E-04
895	ALL	654350.1	4187748	NonCancer	0.00E+00	4.15E-06	0.00E+00	2.76E-07	2.76E-07	2.76E-07	5.74E-05	0.00E+00	1.03E-05	0.00E+00	2.76E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
896	ALL	654370.1	4187748	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.61E-07	2.61E-07	2.61E-07	5.46E-05	0.00E+00	9.78E-06	0.00E+00	2.61E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
897	ALL	654390.1	4187748	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.20E-05	0.00E+00	9.30E-06	0.00E+00	2.48E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
898	ALL	654410.1	4187748	NonCancer	0.00E+00	3.56E-06	0.00E+00	2.36E-07	2.36E-07	2.36E-07	4.97E-05	0.00E+00	8.85E-06	0.00E+00	2.36E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
899	ALL	654430.1	4187748	NonCancer	0.00E+00	3.39E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.74E-05	0.00E+00	8.43E-06	0.00E+00	2.25E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04

900	ALL	654450.1	4187748	NonCancer	0.00E+00	3.24E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.54E-05	0.00E+00	8.05E-06	0.00E+00	2.15E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
901	ALL	654470.1	4187748	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.34E-05	0.00E+00	7.69E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
902	ALL	654490.1	4187748	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.16E-05	0.00E+00	7.35E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
903	ALL	653690.1	4187768	NonCancer	0.00E+00	1.81E-05	0.00E+00	1.20E-06	1.20E-06	1.20E-06	2.40E-04	0.00E+00	4.48E-05	0.00E+00	1.20E-06	6.74E-04	0.00E+00	0.00E+00	6.74E-04
904	ALL	653710.1	4187768	NonCancer	0.00E+00	1.84E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.45E-04	0.00E+00	4.55E-05	0.00E+00	1.22E-06	6.86E-04	0.00E+00	0.00E+00	6.86E-04
905	ALL	653730.1	4187768	NonCancer	0.00E+00	1.84E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.51E-04	0.00E+00	4.57E-05	0.00E+00	1.22E-06	6.94E-04	0.00E+00	0.00E+00	6.94E-04
906	ALL	653750.1	4187768	NonCancer	0.00E+00	1.89E-05	0.00E+00	1.25E-06	1.25E-06	1.25E-06	2.60E-04	0.00E+00	4.69E-05	0.00E+00	1.25E-06	7.13E-04	0.00E+00	0.00E+00	7.13E-04
907	ALL	653770.1	4187768	NonCancer	0.00E+00	1.99E-05	0.00E+00	1.32E-06	1.32E-06	1.32E-06	2.70E-04	0.00E+00	4.94E-05	0.00E+00	1.32E-06	7.48E-04	0.00E+00	0.00E+00	7.48E-04
908	ALL	653790.1	4187768	NonCancer	0.00E+00	2.09E-05	0.00E+00	1.39E-06	1.39E-06	1.39E-06	2.76E-04	0.00E+00	5.18E-05	0.00E+00	1.39E-06	7.79E-04	0.00E+00	0.00E+00	7.79E-04
909	ALL	653810.1	4187768	NonCancer	0.00E+00	2.14E-05	0.00E+00	1.42E-06	1.42E-06	1.42E-06	2.77E-04	0.00E+00	5.30E-05	0.00E+00	1.42E-06	7.94E-04	0.00E+00	0.00E+00	7.94E-04
910	ALL	653830.1	4187768	NonCancer	0.00E+00	2.13E-05	0.00E+00	1.41E-06	1.41E-06	1.41E-06	2.71E-04	0.00E+00	5.27E-05	0.00E+00	1.41E-06	7.87E-04	0.00E+00	0.00E+00	7.87E-04
911	ALL	653850.1	4187768	NonCancer	0.00E+00	2.06E-05	0.00E+00	1.37E-06	1.37E-06	1.37E-06	2.63E-04	0.00E+00	5.10E-05	0.00E+00	1.37E-06	7.62E-04	0.00E+00	0.00E+00	7.62E-04
912	ALL	653870.1	4187768	NonCancer	0.00E+00	1.98E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	2.53E-04	0.00E+00	4.89E-05	0.00E+00	1.31E-06	7.32E-04	0.00E+00	0.00E+00	7.32E-04
913	ALL	653890.1	4187768	NonCancer	0.00E+00	1.90E-05	0.00E+00	1.26E-06	1.26E-06	1.26E-06	2.43E-04	0.00E+00	4.71E-05	0.00E+00	1.26E-06	7.03E-04	0.00E+00	0.00E+00	7.03E-04
914	ALL	653910.1	4187768	NonCancer	0.00E+00	1.83E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	2.32E-04	0.00E+00	4.52E-05	0.00E+00	1.21E-06	6.74E-04	0.00E+00	0.00E+00	6.74E-04
915	ALL	653930.1	4187768	NonCancer	0.00E+00	1.74E-05	0.00E+00	1.15E-06	1.15E-06	1.15E-06	2.21E-04	0.00E+00	4.31E-05	0.00E+00	1.15E-06	6.42E-04	0.00E+00	0.00E+00	6.42E-04
916	ALL	653950.1	4187768	NonCancer	0.00E+00	1.64E-05	0.00E+00	1.09E-06	1.09E-06	1.09E-06	2.08E-04	0.00E+00	4.06E-05	0.00E+00	1.09E-06	6.06E-04	0.00E+00	0.00E+00	6.06E-04
917	ALL	653970.1	4187768	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.96E-04	0.00E+00	3.81E-05	0.00E+00	1.02E-06	5.68E-04	0.00E+00	0.00E+00	5.68E-04
918	ALL	653990.1	4187768	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.53E-07	9.53E-07	9.53E-07	1.83E-04	0.00E+00	3.55E-05	0.00E+00	9.53E-07	5.30E-04	0.00E+00	0.00E+00	5.30E-04
919	ALL	654010.1	4187768	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.86E-07	8.86E-07	8.86E-07	1.71E-04	0.00E+00	3.30E-05	0.00E+00	8.86E-07	4.93E-04	0.00E+00	0.00E+00	4.93E-04
920	ALL	654030.1	4187768	NonCancer	0.00E+00	1.24E-05	0.00E+00	8.21E-07	8.21E-07	8.21E-07	1.59E-04	0.00E+00	3.06E-05	0.00E+00	8.21E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
921	ALL	654050.1	4187768	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.61E-07	7.61E-07	7.61E-07	1.48E-04	0.00E+00	2.84E-05	0.00E+00	7.61E-07	4.25E-04	0.00E+00	0.00E+00	4.25E-04
922	ALL	654070.1	4187768	NonCancer	0.00E+00	1.06E-05	0.00E+00	7.05E-07	7.05E-07	7.05E-07	1.38E-04	0.00E+00	2.63E-05	0.00E+00	7.05E-07	3.94E-04	0.00E+00	0.00E+00	3.94E-04
923	ALL	654090.1	4187768	NonCancer	0.00E+00	9.83E-06	0.00E+00	6.53E-07	6.53E-07	6.53E-07	1.28E-04	0.00E+00	2.44E-05	0.00E+00	6.53E-07	3.65E-04	0.00E+00	0.00E+00	3.65E-04
924	ALL	654110.1	4187768	NonCancer	0.00E+00	9.11E-06	0.00E+00	6.05E-07	6.05E-07	6.05E-07	1.20E-04	0.00E+00	2.26E-05	0.00E+00	6.05E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
925	ALL	654130.1	4187768	NonCancer	0.00E+00	8.46E-06	0.00E+00	5.61E-07	5.61E-07	5.61E-07	1.12E-04	0.00E+00	2.10E-05	0.00E+00	5.61E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
926	ALL	654150.1	4187768	NonCancer	0.00E+00	7.87E-06	0.00E+00	5.22E-07	5.22E-07	5.22E-07	1.04E-04	0.00E+00	1.95E-05	0.00E+00	5.22E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
927	ALL	654170.1	4187768	NonCancer	0.00E+00	7.33E-06	0.00E+00	4.86E-07	4.86E-07	4.86E-07	9.77E-05	0.00E+00	1.82E-05	0.00E+00	4.86E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
928	ALL	654190.1	4187768	NonCancer	0.00E+00	6.84E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.16E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.56E-04	0.00E+00	0.00E+00	2.56E-04
929	ALL	654210.1	4187768	NonCancer	0.00E+00	6.39E-06	0.00E+00	4.24E-07	4.24E-07	4.24E-07	8.60E-05	0.00E+00	1.59E-05	0.00E+00	4.24E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
930	ALL	654230.1	4187768	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.09E-05	0.00E+00	1.48E-05	0.00E+00	3.97E-07	2.25E-04	0.00E+00	0.00E+00	2.25E-04
931	ALL	654250.1	4187768	NonCancer	0.00E+00	5.61E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	7.63E-05	0.00E+00	1.39E-05	0.00E+00	3.73E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
932	ALL	654270.1	4187768	NonCancer	0.00E+00	5.28E-06	0.00E+00	3.50E-07	3.50E-07	3.50E-07	7.20E-05	0.00E+00	1.31E-05	0.00E+00	3.50E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
933	ALL	654290.1	4187768	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	6.81E-05	0.00E+00	1.23E-05	0.00E+00	3.30E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
934	ALL	654310.1	4187768	NonCancer	0.00E+00	4.69E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	6.45E-05	0.00E+00	1.16E-05	0.00E+00	3.11E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
935	ALL	654330.1	4187768	NonCancer	0.00E+00	4.43E-06	0.00E+00	2.94E-07	2.94E-07	2.94E-07	6.11E-05	0.00E+00	1.10E-05	0.00E+00	2.94E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
936	ALL	654350.1	4187768	NonCancer	0.00E+00	4.20E-06	0.00E+00	2.78E-07	2.78E-07	2.78E-07	5.81E-05	0.00E+00	1.04E-05	0.00E+00	2.78E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
937	ALL	654370.1	4187768	NonCancer	0.00E+00	3.98E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	5.52E-05	0.00E+00	9.88E-06	0.00E+00	2.64E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
938	ALL	654390.1	4187768	NonCancer	0.00E+00	3.78E-06	0.00E+00	2.51E-07	2.51E-07	2.51E-07	5.26E-05	0.00E+00	9.39E-06	0.00E+00	2.51E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
939	ALL	654410.1	4187768	NonCancer	0.00E+00	3.59E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.01E-05	0.00E+00	8.93E-06	0.00E+00	2.38E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
940	ALL	654430.1	4187768	NonCancer	0.00E+00	3.42E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	4.79E-05	0.00E+00	8.51E-06	0.00E+00	2.27E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
941	ALL	654450.1	4187768	NonCancer	0.00E+00	3.27E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.58E-05	0.00E+00	8.12E-06	0.00E+00	2.17E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
942	ALL	654470.1	4187768	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.38E-05	0.00E+00	7.75E-06	0.00E+00	2.07E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
943	ALL	654490.1	4187768	NonCancer	0.00E+00	2.98E-06	0.00E+00	1.98E-07	1.98E-07	1.98E-07	4.19E-05	0.00E+00	7.42E-06	0.00E+00	1.98E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
944	ALL	653690.1	4187788	NonCancer	0.00E+00	2.15E-05	0.00E+00	1.42E-06	1.42E-06	1.42E-06	2.84E-04	0.00E+00	5.32E-05	0.00E+00	1.42E-06	8.00E-04	0.00E+00	0.00E+00	8.00E-04
945	ALL	653710.1	4187788	NonCancer	0.00E+00	2.21E-05	0.00E+00	1.47E-06	1.47E-06	1.47E-06	2.91E-04	0.00E+00	5.47E-05	0.00E+00	1.47E-06	8.23E-04	0.00E+00	0.00E+00	8.23E-04
946	ALL	653730.1	4187788	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	3.01E-04	0.00E+00	5.53E-05	0.00E+00	1.48E-06	8.37E-04	0.00E+00	0.00E+00	8.37E-04
947	ALL	653750.1	4187788	NonCancer	0.00E+00	2.30E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	3.13E-04	0.00E+00	5.71E-05	0.00E+00	1.53E-06	8.65E-04	0.00E+00	0.00E+00	8.65E-04
948	ALL	653770.1	4187788	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	3.24E-04	0.00E+00	6.02E-05	0.00E+00	1.61E-06	9.08E-04	0.00E+00	0.00E+00	9.08E-04
949	ALL	653790.1	4187788	NonCancer	0.00E+00	2.55E-05	0.00E+00	1.69E-06	1.69E-06	1.69E-06	3.29E-04	0.00E+00	6.31E-05	0.00E+00	1.69E-06	9.44E-04	0.00E+00	0.00E+00	9.44E-04

950	ALL	653810.1	4187788	NonCancer	0.00E+00	2.59E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.27E-04	0.00E+00	6.41E-05	0.00E+00	1.72E-06	9.54E-04	0.00E+00	0.00E+00	9.54E-04
951	ALL	653830.1	4187788	NonCancer	0.00E+00	2.54E-05	0.00E+00	1.68E-06	1.68E-06	1.68E-06	3.18E-04	0.00E+00	6.28E-05	0.00E+00	1.68E-06	9.33E-04	0.00E+00	0.00E+00	9.33E-04
952	ALL	653850.1	4187788	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.06E-04	0.00E+00	6.02E-05	0.00E+00	1.62E-06	8.96E-04	0.00E+00	0.00E+00	8.96E-04
953	ALL	653870.1	4187788	NonCancer	0.00E+00	2.33E-05	0.00E+00	1.55E-06	1.55E-06	1.55E-06	2.93E-04	0.00E+00	5.76E-05	0.00E+00	1.55E-06	8.57E-04	0.00E+00	0.00E+00	8.57E-04
954	ALL	653890.1	4187788	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.78E-04	0.00E+00	5.51E-05	0.00E+00	1.48E-06	8.18E-04	0.00E+00	0.00E+00	8.18E-04
955	ALL	653910.1	4187788	NonCancer	0.00E+00	2.11E-05	0.00E+00	1.40E-06	1.40E-06	1.40E-06	2.63E-04	0.00E+00	5.22E-05	0.00E+00	1.40E-06	7.75E-04	0.00E+00	0.00E+00	7.75E-04
956	ALL	653930.1	4187788	NonCancer	0.00E+00	1.98E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	2.47E-04	0.00E+00	4.89E-05	0.00E+00	1.31E-06	7.26E-04	0.00E+00	0.00E+00	7.26E-04
957	ALL	653950.1	4187788	NonCancer	0.00E+00	1.84E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.30E-04	0.00E+00	4.54E-05	0.00E+00	1.22E-06	6.75E-04	0.00E+00	0.00E+00	6.75E-04
958	ALL	653970.1	4187788	NonCancer	0.00E+00	1.70E-05	0.00E+00	1.13E-06	1.13E-06	1.13E-06	2.13E-04	0.00E+00	4.20E-05	0.00E+00	1.13E-06	6.25E-04	0.00E+00	0.00E+00	6.25E-04
959	ALL	653990.1	4187788	NonCancer	0.00E+00	1.56E-05	0.00E+00	1.04E-06	1.04E-06	1.04E-06	1.97E-04	0.00E+00	3.87E-05	0.00E+00	1.04E-06	5.76E-04	0.00E+00	0.00E+00	5.76E-04
960	ALL	654010.1	4187788	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.53E-07	9.53E-07	9.53E-07	1.82E-04	0.00E+00	3.55E-05	0.00E+00	9.53E-07	5.30E-04	0.00E+00	0.00E+00	5.30E-04
961	ALL	654030.1	4187788	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.75E-07	8.75E-07	8.75E-07	1.68E-04	0.00E+00	3.26E-05	0.00E+00	8.75E-07	4.87E-04	0.00E+00	0.00E+00	4.87E-04
962	ALL	654050.1	4187788	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.03E-07	8.03E-07	8.03E-07	1.56E-04	0.00E+00	3.00E-05	0.00E+00	8.03E-07	4.48E-04	0.00E+00	0.00E+00	4.48E-04
963	ALL	654070.1	4187788	NonCancer	0.00E+00	1.11E-05	0.00E+00	7.38E-07	7.38E-07	7.38E-07	1.44E-04	0.00E+00	2.75E-05	0.00E+00	7.38E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
964	ALL	654090.1	4187788	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.79E-07	6.79E-07	6.79E-07	1.33E-04	0.00E+00	2.53E-05	0.00E+00	6.79E-07	3.80E-04	0.00E+00	0.00E+00	3.80E-04
965	ALL	654110.1	4187788	NonCancer	0.00E+00	9.43E-06	0.00E+00	6.26E-07	6.26E-07	6.26E-07	1.24E-04	0.00E+00	2.34E-05	0.00E+00	6.26E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
966	ALL	654130.1	4187788	NonCancer	0.00E+00	8.71E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.15E-04	0.00E+00	2.16E-05	0.00E+00	5.78E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04
967	ALL	654150.1	4187788	NonCancer	0.00E+00	8.07E-06	0.00E+00	5.35E-07	5.35E-07	5.35E-07	1.07E-04	0.00E+00	2.00E-05	0.00E+00	5.35E-07	3.01E-04	0.00E+00	0.00E+00	3.01E-04
968	ALL	654170.1	4187788	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	1.00E-04	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.80E-04	0.00E+00	0.00E+00	2.80E-04
969	ALL	654190.1	4187788	NonCancer	0.00E+00	6.97E-06	0.00E+00	4.62E-07	4.62E-07	4.62E-07	9.35E-05	0.00E+00	1.73E-05	0.00E+00	4.62E-07	2.61E-04	0.00E+00	0.00E+00	2.61E-04
970	ALL	654210.1	4187788	NonCancer	0.00E+00	6.50E-06	0.00E+00	4.31E-07	4.31E-07	4.31E-07	8.77E-05	0.00E+00	1.61E-05	0.00E+00	4.31E-07	2.44E-04	0.00E+00	0.00E+00	2.44E-04
971	ALL	654230.1	4187788	NonCancer	0.00E+00	6.07E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	8.23E-05	0.00E+00	1.51E-05	0.00E+00	4.03E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
972	ALL	654250.1	4187788	NonCancer	0.00E+00	5.69E-06	0.00E+00	3.78E-07	3.78E-07	3.78E-07	7.75E-05	0.00E+00	1.41E-05	0.00E+00	3.78E-07	2.14E-04	0.00E+00	0.00E+00	2.14E-04
973	ALL	654270.1	4187788	NonCancer	0.00E+00	5.34E-06	0.00E+00	3.55E-07	3.55E-07	3.55E-07	7.30E-05	0.00E+00	1.33E-05	0.00E+00	3.55E-07	2.01E-04	0.00E+00	0.00E+00	2.01E-04
974	ALL	654290.1	4187788	NonCancer	0.00E+00	5.03E-06	0.00E+00	3.34E-07	3.34E-07	3.34E-07	6.90E-05	0.00E+00	1.25E-05	0.00E+00	3.34E-07	1.89E-04	0.00E+00	0.00E+00	1.89E-04
975	ALL	654310.1	4187788	NonCancer	0.00E+00	4.74E-06	0.00E+00	3.14E-07	3.14E-07	3.14E-07	6.53E-05	0.00E+00	1.18E-05	0.00E+00	3.14E-07	1.79E-04	0.00E+00	0.00E+00	1.79E-04
976	ALL	654330.1	4187788	NonCancer	0.00E+00	4.48E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.18E-05	0.00E+00	1.11E-05	0.00E+00	2.97E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
977	ALL	654350.1	4187788	NonCancer	0.00E+00	4.24E-06	0.00E+00	2.81E-07	2.81E-07	2.81E-07	5.87E-05	0.00E+00	1.05E-05	0.00E+00	2.81E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
978	ALL	654370.1	4187788	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.58E-05	0.00E+00	9.98E-06	0.00E+00	2.66E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
979	ALL	654390.1	4187788	NonCancer	0.00E+00	3.81E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.31E-05	0.00E+00	9.47E-06	0.00E+00	2.53E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
980	ALL	654410.1	4187788	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.06E-05	0.00E+00	9.01E-06	0.00E+00	2.41E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
981	ALL	654430.1	4187788	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.83E-05	0.00E+00	8.58E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
982	ALL	654450.1	4187788	NonCancer	0.00E+00	3.29E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.61E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
983	ALL	654470.1	4187788	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.41E-05	0.00E+00	7.82E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
984	ALL	654490.1	4187788	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.22E-05	0.00E+00	7.48E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
985	ALL	653690.1	4187808	NonCancer	0.00E+00	2.59E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.41E-04	0.00E+00	6.42E-05	0.00E+00	1.72E-06	9.64E-04	0.00E+00	0.00E+00	9.64E-04
986	ALL	653710.1	4187808	NonCancer	0.00E+00	2.71E-05	0.00E+00	1.80E-06	1.80E-06	1.80E-06	3.52E-04	0.00E+00	6.71E-05	0.00E+00	1.80E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
987	ALL	653730.1	4187808	NonCancer	0.00E+00	2.76E-05	0.00E+00	1.83E-06	1.83E-06	1.83E-06	3.67E-04	0.00E+00	6.84E-05	0.00E+00	1.83E-06	1.03E-03	0.00E+00	0.00E+00	1.03E-03
988	ALL	653750.1	4187808	NonCancer	0.00E+00	2.87E-05	0.00E+00	1.90E-06	1.90E-06	1.90E-06	3.84E-04	0.00E+00	7.11E-05	0.00E+00	1.90E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
989	ALL	653770.1	4187808	NonCancer	0.00E+00	3.04E-05	0.00E+00	2.02E-06	2.02E-06	2.02E-06	3.97E-04	0.00E+00	7.54E-05	0.00E+00	2.02E-06	1.13E-03	0.00E+00	0.00E+00	1.13E-03
990	ALL	653790.1	4187808	NonCancer	0.00E+00	3.18E-05	0.00E+00	2.11E-06	2.11E-06	2.11E-06	4.00E-04	0.00E+00	7.87E-05	0.00E+00	2.11E-06	1.17E-03	0.00E+00	0.00E+00	1.17E-03
991	ALL	653810.1	4187808	NonCancer	0.00E+00	3.19E-05	0.00E+00	2.11E-06	2.11E-06	2.11E-06	3.92E-04	0.00E+00	7.88E-05	0.00E+00	2.11E-06	1.17E-03	0.00E+00	0.00E+00	1.17E-03
992	ALL	653830.1	4187808	NonCancer	0.00E+00	3.07E-05	0.00E+00	2.04E-06	2.04E-06	2.04E-06	3.77E-04	0.00E+00	7.60E-05	0.00E+00	2.04E-06	1.12E-03	0.00E+00	0.00E+00	1.12E-03
993	ALL	653850.1	4187808	NonCancer	0.00E+00	2.93E-05	0.00E+00	1.94E-06	1.94E-06	1.94E-06	3.60E-04	0.00E+00	7.24E-05	0.00E+00	1.94E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
994	ALL	653870.1	4187808	NonCancer	0.00E+00	2.78E-05	0.00E+00	1.85E-06	1.85E-06	1.85E-06	3.41E-04	0.00E+00	6.87E-05	0.00E+00	1.85E-06	1.02E-03	0.00E+00	0.00E+00	1.02E-03
995	ALL	653890.1	4187808	NonCancer	0.00E+00	2.62E-05	0.00E+00	1.74E-06	1.74E-06	1.74E-06	3.20E-04	0.00E+00	6.47E-05	0.00E+00	1.74E-06	9.56E-04	0.00E+00	0.00E+00	9.56E-04
996	ALL	653910.1	4187808	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	2.97E-04	0.00E+00	6.01E-05	0.00E+00	1.61E-06	8.88E-04	0.00E+00	0.00E+00	8.88E-04
997	ALL	653930.1	4187808	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.74E-04	0.00E+00	5.52E-05	0.00E+00	1.48E-06	8.17E-04	0.00E+00	0.00E+00	8.17E-04
998	ALL	653950.1	4187808	NonCancer	0.00E+00	2.04E-05	0.00E+00	1.36E-06	1.36E-06	1.36E-06	2.52E-04	0.00E+00	5.05E-05	0.00E+00	1.36E-06	7.48E-04	0.00E+00	0.00E+00	7.48E-04
999	ALL	653970.1	4187808	NonCancer	0.00E+00	1.86E-05	0.00E+00	1.23E-06	1.23E-06	1.23E-06	2.31E-04	0.00E+00	4.59E-05	0.00E+00	1.23E-06	6.82E-04	0.00E+00	0.00E+00	6.82E-04

1000	ALL	653990.1	4187808	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.11E-04	0.00E+00	4.17E-05	0.00E+00	1.12E-06	6.20E-04	0.00E+00	0.00E+00	6.20E-04
1001	ALL	654010.1	4187808	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.93E-04	0.00E+00	3.79E-05	0.00E+00	1.02E-06	5.64E-04	0.00E+00	0.00E+00	5.64E-04
1002	ALL	654030.1	4187808	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.22E-07	9.22E-07	9.22E-07	1.77E-04	0.00E+00	3.44E-05	0.00E+00	9.22E-07	5.13E-04	0.00E+00	0.00E+00	5.13E-04
1003	ALL	654050.1	4187808	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.39E-07	8.39E-07	8.39E-07	1.62E-04	0.00E+00	3.13E-05	0.00E+00	8.39E-07	4.68E-04	0.00E+00	0.00E+00	4.68E-04
1004	ALL	654070.1	4187808	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.66E-07	7.66E-07	7.66E-07	1.49E-04	0.00E+00	2.86E-05	0.00E+00	7.66E-07	4.28E-04	0.00E+00	0.00E+00	4.28E-04
1005	ALL	654090.1	4187808	NonCancer	0.00E+00	1.06E-05	0.00E+00	7.01E-07	7.01E-07	7.01E-07	1.38E-04	0.00E+00	2.62E-05	0.00E+00	7.01E-07	3.92E-04	0.00E+00	0.00E+00	3.92E-04
1006	ALL	654110.1	4187808	NonCancer	0.00E+00	9.69E-06	0.00E+00	6.43E-07	6.43E-07	6.43E-07	1.27E-04	0.00E+00	2.40E-05	0.00E+00	6.43E-07	3.61E-04	0.00E+00	0.00E+00	3.61E-04
1007	ALL	654130.1	4187808	NonCancer	0.00E+00	8.92E-06	0.00E+00	5.92E-07	5.92E-07	5.92E-07	1.18E-04	0.00E+00	2.21E-05	0.00E+00	5.92E-07	3.33E-04	0.00E+00	0.00E+00	3.33E-04
1008	ALL	654150.1	4187808	NonCancer	0.00E+00	8.23E-06	0.00E+00	5.46E-07	5.46E-07	5.46E-07	1.09E-04	0.00E+00	2.04E-05	0.00E+00	5.46E-07	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1009	ALL	654170.1	4187808	NonCancer	0.00E+00	7.62E-06	0.00E+00	5.06E-07	5.06E-07	5.06E-07	1.02E-04	0.00E+00	1.89E-05	0.00E+00	5.06E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
1010	ALL	654190.1	4187808	NonCancer	0.00E+00	7.08E-06	0.00E+00	4.70E-07	4.70E-07	4.70E-07	9.52E-05	0.00E+00	1.76E-05	0.00E+00	4.70E-07	2.65E-04	0.00E+00	0.00E+00	2.65E-04
1011	ALL	654210.1	4187808	NonCancer	0.00E+00	6.59E-06	0.00E+00	4.37E-07	4.37E-07	4.37E-07	8.91E-05	0.00E+00	1.64E-05	0.00E+00	4.37E-07	2.47E-04	0.00E+00	0.00E+00	2.47E-04
1012	ALL	654230.1	4187808	NonCancer	0.00E+00	6.15E-06	0.00E+00	4.08E-07	4.08E-07	4.08E-07	8.35E-05	0.00E+00	1.53E-05	0.00E+00	4.08E-07	2.31E-04	0.00E+00	0.00E+00	2.31E-04
1013	ALL	654250.1	4187808	NonCancer	0.00E+00	5.76E-06	0.00E+00	3.82E-07	3.82E-07	3.82E-07	7.85E-05	0.00E+00	1.43E-05	0.00E+00	3.82E-07	2.17E-04	0.00E+00	0.00E+00	2.17E-04
1014	ALL	654270.1	4187808	NonCancer	0.00E+00	5.40E-06	0.00E+00	3.59E-07	3.59E-07	3.59E-07	7.39E-05	0.00E+00	1.34E-05	0.00E+00	3.59E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
1015	ALL	654290.1	4187808	NonCancer	0.00E+00	5.08E-06	0.00E+00	3.37E-07	3.37E-07	3.37E-07	6.98E-05	0.00E+00	1.26E-05	0.00E+00	3.37E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
1016	ALL	654310.1	4187808	NonCancer	0.00E+00	4.79E-06	0.00E+00	3.18E-07	3.18E-07	3.18E-07	6.59E-05	0.00E+00	1.19E-05	0.00E+00	3.18E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1017	ALL	654330.1	4187808	NonCancer	0.00E+00	4.52E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	6.24E-05	0.00E+00	1.12E-05	0.00E+00	3.00E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
1018	ALL	654350.1	4187808	NonCancer	0.00E+00	4.28E-06	0.00E+00	2.84E-07	2.84E-07	2.84E-07	5.92E-05	0.00E+00	1.06E-05	0.00E+00	2.84E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
1019	ALL	654370.1	4187808	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.62E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
1020	ALL	654390.1	4187808	NonCancer	0.00E+00	3.85E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.35E-05	0.00E+00	9.56E-06	0.00E+00	2.55E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1021	ALL	654410.1	4187808	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.09E-05	0.00E+00	9.09E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
1022	ALL	654430.1	4187808	NonCancer	0.00E+00	3.48E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.86E-05	0.00E+00	8.65E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1023	ALL	654450.1	4187808	NonCancer	0.00E+00	3.32E-06	0.00E+00	2.20E-07	2.20E-07	2.20E-07	4.64E-05	0.00E+00	8.25E-06	0.00E+00	2.20E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1024	ALL	654470.1	4187808	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	4.43E-05	0.00E+00	7.88E-06	0.00E+00	2.10E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1025	ALL	654490.1	4187808	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.24E-05	0.00E+00	7.53E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1026	ALL	653690.1	4187828	NonCancer	0.00E+00	3.18E-05	0.00E+00	2.11E-06	2.11E-06	2.11E-06	4.19E-04	0.00E+00	7.88E-05	0.00E+00	2.11E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1027	ALL	653710.1	4187828	NonCancer	0.00E+00	3.41E-05	0.00E+00	2.26E-06	2.26E-06	2.26E-06	4.37E-04	0.00E+00	8.44E-05	0.00E+00	2.26E-06	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1028	ALL	653730.1	4187828	NonCancer	0.00E+00	3.51E-05	0.00E+00	2.33E-06	2.33E-06	2.33E-06	4.59E-04	0.00E+00	8.70E-05	0.00E+00	2.33E-06	1.31E-03	0.00E+00	0.00E+00	1.31E-03
1029	ALL	653750.1	4187828	NonCancer	0.00E+00	3.69E-05	0.00E+00	2.45E-06	2.45E-06	2.45E-06	4.84E-04	0.00E+00	9.15E-05	0.00E+00	2.45E-06	1.37E-03	0.00E+00	0.00E+00	1.37E-03
1030	ALL	653770.1	4187828	NonCancer	0.00E+00	3.95E-05	0.00E+00	2.62E-06	2.62E-06	2.62E-06	4.99E-04	0.00E+00	9.77E-05	0.00E+00	2.62E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1031	ALL	653790.1	4187828	NonCancer	0.00E+00	4.08E-05	0.00E+00	2.71E-06	2.71E-06	2.71E-06	4.96E-04	0.00E+00	1.01E-04	0.00E+00	2.71E-06	1.49E-03	0.00E+00	0.00E+00	1.49E-03
1032	ALL	653810.1	4187828	NonCancer	0.00E+00	4.00E-05	0.00E+00	2.66E-06	2.66E-06	2.66E-06	4.79E-04	0.00E+00	9.88E-05	0.00E+00	2.66E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1033	ALL	653830.1	4187828	NonCancer	0.00E+00	3.80E-05	0.00E+00	2.53E-06	2.53E-06	2.53E-06	4.55E-04	0.00E+00	9.40E-05	0.00E+00	2.53E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1034	ALL	653850.1	4187828	NonCancer	0.00E+00	3.59E-05	0.00E+00	2.38E-06	2.38E-06	2.38E-06	4.28E-04	0.00E+00	8.86E-05	0.00E+00	2.38E-06	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1035	ALL	653870.1	4187828	NonCancer	0.00E+00	3.35E-05	0.00E+00	2.22E-06	2.22E-06	2.22E-06	3.98E-04	0.00E+00	8.26E-05	0.00E+00	2.22E-06	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1036	ALL	653890.1	4187828	NonCancer	0.00E+00	3.07E-05	0.00E+00	2.04E-06	2.04E-06	2.04E-06	3.66E-04	0.00E+00	7.58E-05	0.00E+00	2.04E-06	1.12E-03	0.00E+00	0.00E+00	1.12E-03
1037	ALL	653910.1	4187828	NonCancer	0.00E+00	2.78E-05	0.00E+00	1.85E-06	1.85E-06	1.85E-06	3.34E-04	0.00E+00	6.88E-05	0.00E+00	1.85E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1038	ALL	653930.1	4187828	NonCancer	0.00E+00	2.50E-05	0.00E+00	1.66E-06	1.66E-06	1.66E-06	3.02E-04	0.00E+00	6.19E-05	0.00E+00	1.66E-06	9.12E-04	0.00E+00	0.00E+00	9.12E-04
1039	ALL	653950.1	4187828	NonCancer	0.00E+00	2.24E-05	0.00E+00	1.49E-06	1.49E-06	1.49E-06	2.74E-04	0.00E+00	5.54E-05	0.00E+00	1.49E-06	8.19E-04	0.00E+00	0.00E+00	8.19E-04
1040	ALL	653970.1	4187828	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.33E-06	1.33E-06	1.33E-06	2.47E-04	0.00E+00	4.96E-05	0.00E+00	1.33E-06	7.35E-04	0.00E+00	0.00E+00	7.35E-04
1041	ALL	653990.1	4187828	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	2.24E-04	0.00E+00	4.44E-05	0.00E+00	1.19E-06	6.59E-04	0.00E+00	0.00E+00	6.59E-04
1042	ALL	654010.1	4187828	NonCancer	0.00E+00	1.61E-05	0.00E+00	1.07E-06	1.07E-06	1.07E-06	2.03E-04	0.00E+00	3.99E-05	0.00E+00	1.07E-06	5.93E-04	0.00E+00	0.00E+00	5.93E-04
1043	ALL	654030.1	4187828	NonCancer	0.00E+00	1.45E-05	0.00E+00	9.63E-07	9.63E-07	9.63E-07	1.84E-04	0.00E+00	3.59E-05	0.00E+00	9.63E-07	5.35E-04	0.00E+00	0.00E+00	5.35E-04
1044	ALL	654050.1	4187828	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.70E-07	8.70E-07	8.70E-07	1.68E-04	0.00E+00	3.25E-05	0.00E+00	8.70E-07	4.85E-04	0.00E+00	0.00E+00	4.85E-04
1045	ALL	654070.1	4187828	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.89E-07	7.89E-07	7.89E-07	1.54E-04	0.00E+00	2.95E-05	0.00E+00	7.89E-07	4.41E-04	0.00E+00	0.00E+00	4.41E-04
1046	ALL	654090.1	4187828	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.19E-07	7.19E-07	7.19E-07	1.41E-04	0.00E+00	2.68E-05	0.00E+00	7.19E-07	4.03E-04	0.00E+00	0.00E+00	4.03E-04
1047	ALL	654110.1	4187828	NonCancer	0.00E+00	9.91E-06	0.00E+00	6.57E-07	6.57E-07	6.57E-07	1.30E-04	0.00E+00	2.45E-05	0.00E+00	6.57E-07	3.69E-04	0.00E+00	0.00E+00	3.69E-04
1048	ALL	654130.1	4187828	NonCancer	0.00E+00	9.09E-06	0.00E+00	6.03E-07	6.03E-07	6.03E-07	1.20E-04	0.00E+00	2.25E-05	0.00E+00	6.03E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
1049	ALL	654150.1	4187828	NonCancer	0.00E+00	8.37E-06	0.00E+00	5.56E-07	5.56E-07	5.56E-07	1.12E-04	0.00E+00	2.08E-05	0.00E+00	5.56E-07	3.13E-04	0.00E+00	0.00E+00	3.13E-04

1050	ALL	654170.1	4187828	NonCancer	0.00E+00	7.74E-06	0.00E+00	5.14E-07	5.14E-07	5.14E-07	1.04E-04	0.00E+00	1.92E-05	0.00E+00	5.14E-07	2.90E-04	0.00E+00	0.00E+00	2.90E-04
1051	ALL	654190.1	4187828	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.66E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.69E-04	0.00E+00	0.00E+00	2.69E-04
1052	ALL	654210.1	4187828	NonCancer	0.00E+00	6.68E-06	0.00E+00	4.43E-07	4.43E-07	4.43E-07	9.03E-05	0.00E+00	1.66E-05	0.00E+00	4.43E-07	2.51E-04	0.00E+00	0.00E+00	2.51E-04
1053	ALL	654230.1	4187828	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.46E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
1054	ALL	654250.1	4187828	NonCancer	0.00E+00	5.82E-06	0.00E+00	3.86E-07	3.86E-07	3.86E-07	7.94E-05	0.00E+00	1.45E-05	0.00E+00	3.86E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
1055	ALL	654270.1	4187828	NonCancer	0.00E+00	5.46E-06	0.00E+00	3.62E-07	3.62E-07	3.62E-07	7.47E-05	0.00E+00	1.36E-05	0.00E+00	3.62E-07	2.06E-04	0.00E+00	0.00E+00	2.06E-04
1056	ALL	654290.1	4187828	NonCancer	0.00E+00	5.13E-06	0.00E+00	3.41E-07	3.41E-07	3.41E-07	7.04E-05	0.00E+00	1.27E-05	0.00E+00	3.41E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
1057	ALL	654310.1	4187828	NonCancer	0.00E+00	4.83E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.65E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
1058	ALL	654330.1	4187828	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.29E-05	0.00E+00	1.13E-05	0.00E+00	3.03E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
1059	ALL	654350.1	4187828	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	5.96E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1060	ALL	654370.1	4187828	NonCancer	0.00E+00	4.09E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.66E-05	0.00E+00	1.01E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1061	ALL	654390.1	4187828	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	5.38E-05	0.00E+00	9.63E-06	0.00E+00	2.57E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1062	ALL	654410.1	4187828	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.12E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1063	ALL	654430.1	4187828	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.88E-05	0.00E+00	8.71E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1064	ALL	654450.1	4187828	NonCancer	0.00E+00	3.34E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.66E-05	0.00E+00	8.30E-06	0.00E+00	2.22E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1065	ALL	654470.1	4187828	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.45E-05	0.00E+00	7.92E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1066	ALL	654490.1	4187828	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.26E-05	0.00E+00	7.57E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1067	ALL	653690.1	4187848	NonCancer	0.00E+00	3.98E-05	0.00E+00	2.64E-06	2.64E-06	2.64E-06	5.26E-04	0.00E+00	9.87E-05	0.00E+00	2.64E-06	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1068	ALL	653710.1	4187848	NonCancer	0.00E+00	4.42E-05	0.00E+00	2.93E-06	2.93E-06	2.93E-06	5.57E-04	0.00E+00	1.09E-04	0.00E+00	2.93E-06	1.63E-03	0.00E+00	0.00E+00	1.63E-03
1069	ALL	653730.1	4187848	NonCancer	0.00E+00	4.65E-05	0.00E+00	3.08E-06	3.08E-06	3.08E-06	5.94E-04	0.00E+00	1.15E-04	0.00E+00	3.08E-06	1.72E-03	0.00E+00	0.00E+00	1.72E-03
1070	ALL	653750.1	4187848	NonCancer	0.00E+00	4.95E-05	0.00E+00	3.28E-06	3.28E-06	3.28E-06	6.29E-04	0.00E+00	1.22E-04	0.00E+00	3.28E-06	1.83E-03	0.00E+00	0.00E+00	1.83E-03
1071	ALL	653770.1	4187848	NonCancer	0.00E+00	5.31E-05	0.00E+00	3.52E-06	3.52E-06	3.52E-06	6.43E-04	0.00E+00	1.31E-04	0.00E+00	3.52E-06	1.93E-03	0.00E+00	0.00E+00	1.93E-03
1072	ALL	653790.1	4187848	NonCancer	0.00E+00	5.39E-05	0.00E+00	3.58E-06	3.58E-06	3.58E-06	6.29E-04	0.00E+00	1.33E-04	0.00E+00	3.58E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1073	ALL	653810.1	4187848	NonCancer	0.00E+00	5.16E-05	0.00E+00	3.43E-06	3.43E-06	3.43E-06	5.96E-04	0.00E+00	1.27E-04	0.00E+00	3.43E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1074	ALL	653830.1	4187848	NonCancer	0.00E+00	4.83E-05	0.00E+00	3.20E-06	3.20E-06	3.20E-06	5.56E-04	0.00E+00	1.19E-04	0.00E+00	3.20E-06	1.74E-03	0.00E+00	0.00E+00	1.74E-03
1075	ALL	653850.1	4187848	NonCancer	0.00E+00	4.45E-05	0.00E+00	2.95E-06	2.95E-06	2.95E-06	5.11E-04	0.00E+00	1.10E-04	0.00E+00	2.95E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
1076	ALL	653870.1	4187848	NonCancer	0.00E+00	4.02E-05	0.00E+00	2.67E-06	2.67E-06	2.67E-06	4.63E-04	0.00E+00	9.91E-05	0.00E+00	2.67E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1077	ALL	653890.1	4187848	NonCancer	0.00E+00	3.57E-05	0.00E+00	2.37E-06	2.37E-06	2.37E-06	4.15E-04	0.00E+00	8.82E-05	0.00E+00	2.37E-06	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1078	ALL	653910.1	4187848	NonCancer	0.00E+00	3.15E-05	0.00E+00	2.09E-06	2.09E-06	2.09E-06	3.70E-04	0.00E+00	7.77E-05	0.00E+00	2.09E-06	1.14E-03	0.00E+00	0.00E+00	1.14E-03
1079	ALL	653930.1	4187848	NonCancer	0.00E+00	2.76E-05	0.00E+00	1.83E-06	1.83E-06	1.83E-06	3.29E-04	0.00E+00	6.82E-05	0.00E+00	1.83E-06	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1080	ALL	653950.1	4187848	NonCancer	0.00E+00	2.42E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	2.93E-04	0.00E+00	5.99E-05	0.00E+00	1.61E-06	8.84E-04	0.00E+00	0.00E+00	8.84E-04
1081	ALL	653970.1	4187848	NonCancer	0.00E+00	2.13E-05	0.00E+00	1.42E-06	1.42E-06	1.42E-06	2.62E-04	0.00E+00	5.28E-05	0.00E+00	1.42E-06	7.81E-04	0.00E+00	0.00E+00	7.81E-04
1082	ALL	653990.1	4187848	NonCancer	0.00E+00	1.89E-05	0.00E+00	1.25E-06	1.25E-06	1.25E-06	2.34E-04	0.00E+00	4.67E-05	0.00E+00	1.25E-06	6.93E-04	0.00E+00	0.00E+00	6.93E-04
1083	ALL	654010.1	4187848	NonCancer	0.00E+00	1.68E-05	0.00E+00	1.11E-06	1.11E-06	1.11E-06	2.11E-04	0.00E+00	4.15E-05	0.00E+00	1.11E-06	6.18E-04	0.00E+00	0.00E+00	6.18E-04
1084	ALL	654030.1	4187848	NonCancer	0.00E+00	1.50E-05	0.00E+00	9.95E-07	9.95E-07	9.95E-07	1.91E-04	0.00E+00	3.71E-05	0.00E+00	9.95E-07	5.54E-04	0.00E+00	0.00E+00	5.54E-04
1085	ALL	654050.1	4187848	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.95E-07	8.95E-07	8.95E-07	1.73E-04	0.00E+00	3.34E-05	0.00E+00	8.95E-07	4.99E-04	0.00E+00	0.00E+00	4.99E-04
1086	ALL	654070.1	4187848	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.08E-07	8.08E-07	8.08E-07	1.58E-04	0.00E+00	3.02E-05	0.00E+00	8.08E-07	4.52E-04	0.00E+00	0.00E+00	4.52E-04
1087	ALL	654090.1	4187848	NonCancer	0.00E+00	1.11E-05	0.00E+00	7.34E-07	7.34E-07	7.34E-07	1.44E-04	0.00E+00	2.74E-05	0.00E+00	7.34E-07	4.11E-04	0.00E+00	0.00E+00	4.11E-04
1088	ALL	654110.1	4187848	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.69E-07	6.69E-07	6.69E-07	1.33E-04	0.00E+00	2.50E-05	0.00E+00	6.69E-07	3.76E-04	0.00E+00	0.00E+00	3.76E-04
1089	ALL	654130.1	4187848	NonCancer	0.00E+00	9.23E-06	0.00E+00	6.13E-07	6.13E-07	6.13E-07	1.22E-04	0.00E+00	2.29E-05	0.00E+00	6.13E-07	3.45E-04	0.00E+00	0.00E+00	3.45E-04
1090	ALL	654150.1	4187848	NonCancer	0.00E+00	8.49E-06	0.00E+00	5.63E-07	5.63E-07	5.63E-07	1.13E-04	0.00E+00	2.11E-05	0.00E+00	5.63E-07	3.18E-04	0.00E+00	0.00E+00	3.18E-04
1091	ALL	654170.1	4187848	NonCancer	0.00E+00	7.84E-06	0.00E+00	5.20E-07	5.20E-07	5.20E-07	1.05E-04	0.00E+00	1.94E-05	0.00E+00	5.20E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
1092	ALL	654190.1	4187848	NonCancer	0.00E+00	7.26E-06	0.00E+00	4.82E-07	4.82E-07	4.82E-07	9.78E-05	0.00E+00	1.80E-05	0.00E+00	4.82E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1093	ALL	654210.1	4187848	NonCancer	0.00E+00	6.75E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.13E-05	0.00E+00	1.67E-05	0.00E+00	4.48E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
1094	ALL	654230.1	4187848	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	8.54E-05	0.00E+00	1.56E-05	0.00E+00	4.17E-07	2.36E-04	0.00E+00	0.00E+00	2.36E-04
1095	ALL	654250.1	4187848	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.01E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
1096	ALL	654270.1	4187848	NonCancer	0.00E+00	5.51E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	7.53E-05	0.00E+00	1.37E-05	0.00E+00	3.66E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
1097	ALL	654290.1	4187848	NonCancer	0.00E+00	5.17E-06	0.00E+00	3.43E-07	3.43E-07	3.43E-07	7.09E-05	0.00E+00	1.28E-05	0.00E+00	3.43E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1098	ALL	654310.1	4187848	NonCancer	0.00E+00	4.87E-06	0.00E+00	3.23E-07	3.23E-07	3.23E-07	6.69E-05	0.00E+00	1.21E-05	0.00E+00	3.23E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1099	ALL	654330.1	4187848	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.05E-07	3.05E-07	3.05E-07	6.32E-05	0.00E+00	1.14E-05	0.00E+00	3.05E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04

1100	ALL	654350.1	4187848	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.99E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1101	ALL	654370.1	4187848	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.68E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1102	ALL	654390.1	4187848	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.40E-05	0.00E+00	9.67E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1103	ALL	654410.1	4187848	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.14E-05	0.00E+00	9.19E-06	0.00E+00	2.45E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1104	ALL	654430.1	4187848	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.89E-05	0.00E+00	8.74E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1105	ALL	654450.1	4187848	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.67E-05	0.00E+00	8.32E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1106	ALL	654470.1	4187848	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.46E-05	0.00E+00	7.94E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1107	ALL	654490.1	4187848	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.27E-05	0.00E+00	7.58E-06	0.00E+00	2.02E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1108	ALL	653690.1	4187868	NonCancer	0.00E+00	5.11E-05	0.00E+00	3.39E-06	3.39E-06	3.39E-06	6.81E-04	0.00E+00	1.27E-04	0.00E+00	3.39E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
1109	ALL	653710.1	4187868	NonCancer	0.00E+00	5.96E-05	0.00E+00	3.96E-06	3.96E-06	3.96E-06	7.38E-04	0.00E+00	1.47E-04	0.00E+00	3.96E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1110	ALL	653730.1	4187868	NonCancer	0.00E+00	6.48E-05	0.00E+00	4.30E-06	4.30E-06	4.30E-06	8.03E-04	0.00E+00	1.60E-04	0.00E+00	4.30E-06	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1111	ALL	653750.1	4187868	NonCancer	0.00E+00	7.02E-05	0.00E+00	4.66E-06	4.66E-06	4.66E-06	8.52E-04	0.00E+00	1.73E-04	0.00E+00	4.66E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1112	ALL	653770.1	4187868	NonCancer	0.00E+00	7.49E-05	0.00E+00	4.97E-06	4.97E-06	4.97E-06	8.56E-04	0.00E+00	1.85E-04	0.00E+00	4.97E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
1113	ALL	653790.1	4187868	NonCancer	0.00E+00	7.40E-05	0.00E+00	4.91E-06	4.91E-06	4.91E-06	8.19E-04	0.00E+00	1.82E-04	0.00E+00	4.91E-06	2.64E-03	0.00E+00	0.00E+00	2.64E-03
1114	ALL	653810.1	4187868	NonCancer	0.00E+00	6.89E-05	0.00E+00	4.57E-06	4.57E-06	4.57E-06	7.57E-04	0.00E+00	1.70E-04	0.00E+00	4.57E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
1115	ALL	653830.1	4187868	NonCancer	0.00E+00	6.24E-05	0.00E+00	4.14E-06	4.14E-06	4.14E-06	6.85E-04	0.00E+00	1.54E-04	0.00E+00	4.14E-06	2.22E-03	0.00E+00	0.00E+00	2.22E-03
1116	ALL	653850.1	4187868	NonCancer	0.00E+00	5.51E-05	0.00E+00	3.66E-06	3.66E-06	3.66E-06	6.08E-04	0.00E+00	1.36E-04	0.00E+00	3.66E-06	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1117	ALL	653870.1	4187868	NonCancer	0.00E+00	4.76E-05	0.00E+00	3.16E-06	3.16E-06	3.16E-06	5.32E-04	0.00E+00	1.17E-04	0.00E+00	3.16E-06	1.70E-03	0.00E+00	0.00E+00	1.70E-03
1118	ALL	653890.1	4187868	NonCancer	0.00E+00	4.08E-05	0.00E+00	2.71E-06	2.71E-06	2.71E-06	4.64E-04	0.00E+00	1.01E-04	0.00E+00	2.71E-06	1.46E-03	0.00E+00	0.00E+00	1.46E-03
1119	ALL	653910.1	4187868	NonCancer	0.00E+00	3.48E-05	0.00E+00	2.31E-06	2.31E-06	2.31E-06	4.04E-04	0.00E+00	8.59E-05	0.00E+00	2.31E-06	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1120	ALL	653930.1	4187868	NonCancer	0.00E+00	2.98E-05	0.00E+00	1.98E-06	1.98E-06	1.98E-06	3.53E-04	0.00E+00	7.37E-05	0.00E+00	1.98E-06	1.08E-03	0.00E+00	0.00E+00	1.08E-03
1121	ALL	653950.1	4187868	NonCancer	0.00E+00	2.57E-05	0.00E+00	1.71E-06	1.71E-06	1.71E-06	3.10E-04	0.00E+00	6.36E-05	0.00E+00	1.71E-06	9.37E-04	0.00E+00	0.00E+00	9.37E-04
1122	ALL	653970.1	4187868	NonCancer	0.00E+00	2.24E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.74E-04	0.00E+00	5.53E-05	0.00E+00	1.48E-06	8.18E-04	0.00E+00	0.00E+00	8.18E-04
1123	ALL	653990.1	4187868	NonCancer	0.00E+00	1.96E-05	0.00E+00	1.30E-06	1.30E-06	1.30E-06	2.43E-04	0.00E+00	4.85E-05	0.00E+00	1.30E-06	7.19E-04	0.00E+00	0.00E+00	7.19E-04
1124	ALL	654010.1	4187868	NonCancer	0.00E+00	1.73E-05	0.00E+00	1.15E-06	1.15E-06	1.15E-06	2.18E-04	0.00E+00	4.28E-05	0.00E+00	1.15E-06	6.37E-04	0.00E+00	0.00E+00	6.37E-04
1125	ALL	654030.1	4187868	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.96E-04	0.00E+00	3.81E-05	0.00E+00	1.02E-06	5.68E-04	0.00E+00	0.00E+00	5.68E-04
1126	ALL	654050.1	4187868	NonCancer	0.00E+00	1.38E-05	0.00E+00	9.14E-07	9.14E-07	9.14E-07	1.77E-04	0.00E+00	3.41E-05	0.00E+00	9.14E-07	5.10E-04	0.00E+00	0.00E+00	5.10E-04
1127	ALL	654070.1	4187868	NonCancer	0.00E+00	1.24E-05	0.00E+00	8.23E-07	8.23E-07	8.23E-07	1.61E-04	0.00E+00	3.07E-05	0.00E+00	8.23E-07	4.60E-04	0.00E+00	0.00E+00	4.60E-04
1128	ALL	654090.1	4187868	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.45E-07	7.45E-07	7.45E-07	1.47E-04	0.00E+00	2.78E-05	0.00E+00	7.45E-07	4.18E-04	0.00E+00	0.00E+00	4.18E-04
1129	ALL	654110.1	4187868	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.78E-07	6.78E-07	6.78E-07	1.35E-04	0.00E+00	2.53E-05	0.00E+00	6.78E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1130	ALL	654130.1	4187868	NonCancer	0.00E+00	9.35E-06	0.00E+00	6.20E-07	6.20E-07	6.20E-07	1.24E-04	0.00E+00	2.32E-05	0.00E+00	6.20E-07	3.49E-04	0.00E+00	0.00E+00	3.49E-04
1131	ALL	654150.1	4187868	NonCancer	0.00E+00	8.59E-06	0.00E+00	5.70E-07	5.70E-07	5.70E-07	1.14E-04	0.00E+00	2.13E-05	0.00E+00	5.70E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
1132	ALL	654170.1	4187868	NonCancer	0.00E+00	7.92E-06	0.00E+00	5.25E-07	5.25E-07	5.25E-07	1.06E-04	0.00E+00	1.96E-05	0.00E+00	5.25E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
1133	ALL	654190.1	4187868	NonCancer	0.00E+00	7.33E-06	0.00E+00	4.86E-07	4.86E-07	4.86E-07	9.86E-05	0.00E+00	1.82E-05	0.00E+00	4.86E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
1134	ALL	654210.1	4187868	NonCancer	0.00E+00	6.80E-06	0.00E+00	4.51E-07	4.51E-07	4.51E-07	9.19E-05	0.00E+00	1.69E-05	0.00E+00	4.51E-07	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1135	ALL	654230.1	4187868	NonCancer	0.00E+00	6.33E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	8.59E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
1136	ALL	654250.1	4187868	NonCancer	0.00E+00	5.91E-06	0.00E+00	3.92E-07	3.92E-07	3.92E-07	8.05E-05	0.00E+00	1.47E-05	0.00E+00	3.92E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
1137	ALL	654270.1	4187868	NonCancer	0.00E+00	5.54E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.56E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1138	ALL	654290.1	4187868	NonCancer	0.00E+00	5.20E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.11E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.96E-04	0.00E+00	0.00E+00	1.96E-04
1139	ALL	654310.1	4187868	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.24E-07	3.24E-07	3.24E-07	6.71E-05	0.00E+00	1.21E-05	0.00E+00	3.24E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1140	ALL	654330.1	4187868	NonCancer	0.00E+00	4.61E-06	0.00E+00	3.06E-07	3.06E-07	3.06E-07	6.34E-05	0.00E+00	1.14E-05	0.00E+00	3.06E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
1141	ALL	654350.1	4187868	NonCancer	0.00E+00	4.35E-06	0.00E+00	2.89E-07	2.89E-07	2.89E-07	6.00E-05	0.00E+00	1.08E-05	0.00E+00	2.89E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1142	ALL	654370.1	4187868	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	5.69E-05	0.00E+00	1.02E-05	0.00E+00	2.73E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1143	ALL	654390.1	4187868	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.40E-05	0.00E+00	9.68E-06	0.00E+00	2.59E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1144	ALL	654410.1	4187868	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.14E-05	0.00E+00	9.19E-06	0.00E+00	2.45E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1145	ALL	654430.1	4187868	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.89E-05	0.00E+00	8.73E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
1146	ALL	654450.1	4187868	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.67E-05	0.00E+00	8.31E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1147	ALL	654470.1	4187868	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.46E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1148	ALL	654490.1	4187868	NonCancer	0.00E+00	3.05E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.26E-05	0.00E+00	7.56E-06	0.00E+00	2.02E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1149	ALL	653690.1	4187888	NonCancer	0.00E+00	6.76E-05	0.00E+00	4.49E-06	4.49E-06	4.49E-06	9.17E-04	0.00E+00	1.68E-04	0.00E+00	4.49E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03

1150	ALL	653830.1	4187888	NonCancer	0.00E+00	8.07E-05	0.00E+00	5.36E-06	5.36E-06	5.36E-06	8.37E-04	0.00E+00	1.98E-04	0.00E+00	5.36E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
1151	ALL	653850.1	4187888	NonCancer	0.00E+00	6.69E-05	0.00E+00	4.44E-06	4.44E-06	4.44E-06	7.09E-04	0.00E+00	1.64E-04	0.00E+00	4.44E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
1152	ALL	653870.1	4187888	NonCancer	0.00E+00	5.48E-05	0.00E+00	3.64E-06	3.64E-06	3.64E-06	5.98E-04	0.00E+00	1.35E-04	0.00E+00	3.64E-06	1.95E-03	0.00E+00	0.00E+00	1.95E-03
1153	ALL	653890.1	4187888	NonCancer	0.00E+00	4.51E-05	0.00E+00	3.00E-06	3.00E-06	3.00E-06	5.06E-04	0.00E+00	1.11E-04	0.00E+00	3.00E-06	1.61E-03	0.00E+00	0.00E+00	1.61E-03
1154	ALL	653910.1	4187888	NonCancer	0.00E+00	3.75E-05	0.00E+00	2.49E-06	2.49E-06	2.49E-06	4.32E-04	0.00E+00	9.25E-05	0.00E+00	2.49E-06	1.35E-03	0.00E+00	0.00E+00	1.35E-03
1155	ALL	653930.1	4187888	NonCancer	0.00E+00	3.15E-05	0.00E+00	2.09E-06	2.09E-06	2.09E-06	3.72E-04	0.00E+00	7.79E-05	0.00E+00	2.09E-06	1.14E-03	0.00E+00	0.00E+00	1.14E-03
1156	ALL	653950.1	4187888	NonCancer	0.00E+00	2.69E-05	0.00E+00	1.78E-06	1.78E-06	1.78E-06	3.23E-04	0.00E+00	6.63E-05	0.00E+00	1.78E-06	9.77E-04	0.00E+00	0.00E+00	9.77E-04
1157	ALL	653970.1	4187888	NonCancer	0.00E+00	2.31E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	2.83E-04	0.00E+00	5.72E-05	0.00E+00	1.53E-06	8.46E-04	0.00E+00	0.00E+00	8.46E-04
1158	ALL	653990.1	4187888	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.34E-06	1.34E-06	1.34E-06	2.50E-04	0.00E+00	4.98E-05	0.00E+00	1.34E-06	7.39E-04	0.00E+00	0.00E+00	7.39E-04
1159	ALL	654010.1	4187888	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.17E-06	1.17E-06	1.17E-06	2.23E-04	0.00E+00	4.37E-05	0.00E+00	1.17E-06	6.51E-04	0.00E+00	0.00E+00	6.51E-04
1160	ALL	654030.1	4187888	NonCancer	0.00E+00	1.57E-05	0.00E+00	1.04E-06	1.04E-06	1.04E-06	1.99E-04	0.00E+00	3.88E-05	0.00E+00	1.04E-06	5.78E-04	0.00E+00	0.00E+00	5.78E-04
1161	ALL	654050.1	4187888	NonCancer	0.00E+00	1.40E-05	0.00E+00	9.27E-07	9.27E-07	9.27E-07	1.80E-04	0.00E+00	3.46E-05	0.00E+00	9.27E-07	5.18E-04	0.00E+00	0.00E+00	5.18E-04
1162	ALL	654070.1	4187888	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.33E-07	8.33E-07	8.33E-07	1.63E-04	0.00E+00	3.11E-05	0.00E+00	8.33E-07	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1163	ALL	654090.1	4187888	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.53E-07	7.53E-07	7.53E-07	1.48E-04	0.00E+00	2.81E-05	0.00E+00	7.53E-07	4.22E-04	0.00E+00	0.00E+00	4.22E-04
1164	ALL	654110.1	4187888	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.84E-07	6.84E-07	6.84E-07	1.36E-04	0.00E+00	2.56E-05	0.00E+00	6.84E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
1165	ALL	654130.1	4187888	NonCancer	0.00E+00	9.42E-06	0.00E+00	6.25E-07	6.25E-07	6.25E-07	1.25E-04	0.00E+00	2.33E-05	0.00E+00	6.25E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
1166	ALL	654150.1	4187888	NonCancer	0.00E+00	8.64E-06	0.00E+00	5.73E-07	5.73E-07	5.73E-07	1.15E-04	0.00E+00	2.14E-05	0.00E+00	5.73E-07	3.23E-04	0.00E+00	0.00E+00	3.23E-04
1167	ALL	654170.1	4187888	NonCancer	0.00E+00	7.95E-06	0.00E+00	5.28E-07	5.28E-07	5.28E-07	1.07E-04	0.00E+00	1.97E-05	0.00E+00	5.28E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1168	ALL	654190.1	4187888	NonCancer	0.00E+00	7.35E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	9.89E-05	0.00E+00	1.82E-05	0.00E+00	4.88E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
1169	ALL	654210.1	4187888	NonCancer	0.00E+00	6.82E-06	0.00E+00	4.52E-07	4.52E-07	4.52E-07	9.21E-05	0.00E+00	1.69E-05	0.00E+00	4.52E-07	2.56E-04	0.00E+00	0.00E+00	2.56E-04
1170	ALL	654230.1	4187888	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.21E-07	4.21E-07	4.21E-07	8.60E-05	0.00E+00	1.57E-05	0.00E+00	4.21E-07	2.38E-04	0.00E+00	0.00E+00	2.38E-04
1171	ALL	654250.1	4187888	NonCancer	0.00E+00	5.92E-06	0.00E+00	3.93E-07	3.93E-07	3.93E-07	8.06E-05	0.00E+00	1.47E-05	0.00E+00	3.93E-07	2.22E-04	0.00E+00	0.00E+00	2.22E-04
1172	ALL	654270.1	4187888	NonCancer	0.00E+00	5.53E-06	0.00E+00	3.67E-07	3.67E-07	3.67E-07	7.56E-05	0.00E+00	1.37E-05	0.00E+00	3.67E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1173	ALL	654290.1	4187888	NonCancer	0.00E+00	5.19E-06	0.00E+00	3.44E-07	3.44E-07	3.44E-07	7.11E-05	0.00E+00	1.29E-05	0.00E+00	3.44E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1174	ALL	654310.1	4187888	NonCancer	0.00E+00	4.88E-06	0.00E+00	3.24E-07	3.24E-07	3.24E-07	6.70E-05	0.00E+00	1.21E-05	0.00E+00	3.24E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1175	ALL	654330.1	4187888	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.05E-07	3.05E-07	3.05E-07	6.33E-05	0.00E+00	1.14E-05	0.00E+00	3.05E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
1176	ALL	654350.1	4187888	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.99E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
1177	ALL	654370.1	4187888	NonCancer	0.00E+00	4.10E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	5.68E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1178	ALL	654390.1	4187888	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.39E-05	0.00E+00	9.64E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1179	ALL	654410.1	4187888	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.12E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1180	ALL	654430.1	4187888	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	4.88E-05	0.00E+00	8.69E-06	0.00E+00	2.32E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1181	ALL	654450.1	4187888	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.65E-05	0.00E+00	8.27E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1182	ALL	654470.1	4187888	NonCancer	0.00E+00	3.17E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.44E-05	0.00E+00	7.88E-06	0.00E+00	2.11E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1183	ALL	654490.1	4187888	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.25E-05	0.00E+00	7.52E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
1184	ALL	653690.1	4187908	NonCancer	0.00E+00	9.37E-05	0.00E+00	6.22E-06	6.22E-06	6.22E-06	1.30E-03	0.00E+00	2.33E-04	0.00E+00	6.22E-06	3.53E-03	0.00E+00	0.00E+00	3.53E-03
1185	ALL	653830.1	4187908	NonCancer	0.00E+00	1.01E-04	0.00E+00	6.69E-06	6.69E-06	6.69E-06	9.92E-04	0.00E+00	2.47E-04	0.00E+00	6.69E-06	3.50E-03	0.00E+00	0.00E+00	3.50E-03
1186	ALL	653850.1	4187908	NonCancer	0.00E+00	7.75E-05	0.00E+00	5.14E-06	5.14E-06	5.14E-06	7.99E-04	0.00E+00	1.90E-04	0.00E+00	5.14E-06	2.72E-03	0.00E+00	0.00E+00	2.72E-03
1187	ALL	653870.1	4187908	NonCancer	0.00E+00	6.05E-05	0.00E+00	4.02E-06	4.02E-06	4.02E-06	6.51E-04	0.00E+00	1.49E-04	0.00E+00	4.02E-06	2.14E-03	0.00E+00	0.00E+00	2.14E-03
1188	ALL	653890.1	4187908	NonCancer	0.00E+00	4.83E-05	0.00E+00	3.21E-06	3.21E-06	3.21E-06	5.39E-04	0.00E+00	1.19E-04	0.00E+00	3.21E-06	1.73E-03	0.00E+00	0.00E+00	1.73E-03
1189	ALL	653910.1	4187908	NonCancer	0.00E+00	3.93E-05	0.00E+00	2.61E-06	2.61E-06	2.61E-06	4.52E-04	0.00E+00	9.71E-05	0.00E+00	2.61E-06	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1190	ALL	653930.1	4187908	NonCancer	0.00E+00	3.27E-05	0.00E+00	2.17E-06	2.17E-06	2.17E-06	3.85E-04	0.00E+00	8.07E-05	0.00E+00	2.17E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1191	ALL	653950.1	4187908	NonCancer	0.00E+00	2.76E-05	0.00E+00	1.83E-06	1.83E-06	1.83E-06	3.32E-04	0.00E+00	6.81E-05	0.00E+00	1.83E-06	1.00E-03	0.00E+00	0.00E+00	1.00E-03
1192	ALL	653970.1	4187908	NonCancer	0.00E+00	2.36E-05	0.00E+00	1.57E-06	1.57E-06	1.57E-06	2.89E-04	0.00E+00	5.83E-05	0.00E+00	1.57E-06	8.63E-04	0.00E+00	0.00E+00	8.63E-04
1193	ALL	653990.1	4187908	NonCancer	0.00E+00	2.04E-05	0.00E+00	1.36E-06	1.36E-06	1.36E-06	2.54E-04	0.00E+00	5.05E-05	0.00E+00	1.36E-06	7.50E-04	0.00E+00	0.00E+00	7.50E-04
1194	ALL	654010.1	4187908	NonCancer	0.00E+00	1.79E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	2.26E-04	0.00E+00	4.42E-05	0.00E+00	1.19E-06	6.59E-04	0.00E+00	0.00E+00	6.59E-04
1195	ALL	654030.1	4187908	NonCancer	0.00E+00	1.58E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.01E-04	0.00E+00	3.91E-05	0.00E+00	1.05E-06	5.83E-04	0.00E+00	0.00E+00	5.83E-04
1196	ALL	654050.1	4187908	NonCancer	0.00E+00	1.40E-05	0.00E+00	9.32E-07	9.32E-07	9.32E-07	1.81E-04	0.00E+00	3.48E-05	0.00E+00	9.32E-07	5.21E-04	0.00E+00	0.00E+00	5.21E-04
1197	ALL	654070.1	4187908	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.36E-07	8.36E-07	8.36E-07	1.64E-04	0.00E+00	3.12E-05	0.00E+00	8.36E-07	4.68E-04	0.00E+00	0.00E+00	4.68E-04
1198	ALL	654090.1	4187908	NonCancer	0.00E+00	1.14E-05	0.00E+00	7.54E-07	7.54E-07	7.54E-07	1.49E-04	0.00E+00	2.82E-05	0.00E+00	7.54E-07	4.23E-04	0.00E+00	0.00E+00	4.23E-04
1199	ALL	654110.1	4187908	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.84E-07	6.84E-07	6.84E-07	1.36E-04	0.00E+00	2.56E-05	0.00E+00	6.84E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04

1200	ALL	654130.1	4187908	NonCancer	0.00E+00	9.40E-06	0.00E+00	6.24E-07	6.24E-07	6.24E-07	1.25E-04	0.00E+00	2.33E-05	0.00E+00	6.24E-07	3.51E-04	0.00E+00	0.00E+00	3.51E-04
1201	ALL	654150.1	4187908	NonCancer	0.00E+00	8.61E-06	0.00E+00	5.72E-07	5.72E-07	5.72E-07	1.15E-04	0.00E+00	2.14E-05	0.00E+00	5.72E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1202	ALL	654170.1	4187908	NonCancer	0.00E+00	7.92E-06	0.00E+00	5.26E-07	5.26E-07	5.26E-07	1.06E-04	0.00E+00	1.97E-05	0.00E+00	5.26E-07	2.97E-04	0.00E+00	0.00E+00	2.97E-04
1203	ALL	654190.1	4187908	NonCancer	0.00E+00	7.32E-06	0.00E+00	4.86E-07	4.86E-07	4.86E-07	9.87E-05	0.00E+00	1.82E-05	0.00E+00	4.86E-07	2.74E-04	0.00E+00	0.00E+00	2.74E-04
1204	ALL	654210.1	4187908	NonCancer	0.00E+00	6.78E-06	0.00E+00	4.50E-07	4.50E-07	4.50E-07	9.19E-05	0.00E+00	1.68E-05	0.00E+00	4.50E-07	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1205	ALL	654230.1	4187908	NonCancer	0.00E+00	6.30E-06	0.00E+00	4.18E-07	4.18E-07	4.18E-07	8.58E-05	0.00E+00	1.56E-05	0.00E+00	4.18E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
1206	ALL	654250.1	4187908	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.03E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
1207	ALL	654270.1	4187908	NonCancer	0.00E+00	5.50E-06	0.00E+00	3.65E-07	3.65E-07	3.65E-07	7.53E-05	0.00E+00	1.36E-05	0.00E+00	3.65E-07	2.07E-04	0.00E+00	0.00E+00	2.07E-04
1208	ALL	654290.1	4187908	NonCancer	0.00E+00	5.15E-06	0.00E+00	3.42E-07	3.42E-07	3.42E-07	7.08E-05	0.00E+00	1.28E-05	0.00E+00	3.42E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
1209	ALL	654310.1	4187908	NonCancer	0.00E+00	4.84E-06	0.00E+00	3.21E-07	3.21E-07	3.21E-07	6.67E-05	0.00E+00	1.20E-05	0.00E+00	3.21E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
1210	ALL	654330.1	4187908	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.30E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
1211	ALL	654350.1	4187908	NonCancer	0.00E+00	4.30E-06	0.00E+00	2.85E-07	2.85E-07	2.85E-07	5.96E-05	0.00E+00	1.07E-05	0.00E+00	2.85E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
1212	ALL	654370.1	4187908	NonCancer	0.00E+00	4.06E-06	0.00E+00	2.70E-07	2.70E-07	2.70E-07	5.65E-05	0.00E+00	1.01E-05	0.00E+00	2.70E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1213	ALL	654390.1	4187908	NonCancer	0.00E+00	3.85E-06	0.00E+00	2.55E-07	2.55E-07	2.55E-07	5.36E-05	0.00E+00	9.56E-06	0.00E+00	2.55E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1214	ALL	654410.1	4187908	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.10E-05	0.00E+00	9.07E-06	0.00E+00	2.42E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
1215	ALL	654430.1	4187908	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.30E-07	2.30E-07	2.30E-07	4.85E-05	0.00E+00	8.62E-06	0.00E+00	2.30E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
1216	ALL	654450.1	4187908	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.63E-05	0.00E+00	8.20E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
1217	ALL	654470.1	4187908	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.42E-05	0.00E+00	7.81E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
1218	ALL	654490.1	4187908	NonCancer	0.00E+00	3.00E-06	0.00E+00	1.99E-07	1.99E-07	1.99E-07	4.22E-05	0.00E+00	7.46E-06	0.00E+00	1.99E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
1219	ALL	653690.1	4187928	NonCancer	0.00E+00	1.39E-04	0.00E+00	9.25E-06	9.25E-06	9.25E-06	1.97E-03	0.00E+00	3.46E-04	0.00E+00	9.25E-06	5.28E-03	0.00E+00	0.00E+00	5.28E-03
1220	ALL	653830.1	4187928	NonCancer	0.00E+00	1.17E-04	0.00E+00	7.75E-06	7.75E-06	7.75E-06	1.12E-03	0.00E+00	2.86E-04	0.00E+00	7.75E-06	4.03E-03	0.00E+00	0.00E+00	4.03E-03
1221	ALL	653850.1	4187928	NonCancer	0.00E+00	8.45E-05	0.00E+00	5.61E-06	5.61E-06	5.61E-06	8.62E-04	0.00E+00	2.08E-04	0.00E+00	5.61E-06	2.96E-03	0.00E+00	0.00E+00	2.96E-03
1222	ALL	653870.1	4187928	NonCancer	0.00E+00	6.38E-05	0.00E+00	4.24E-06	4.24E-06	4.24E-06	6.85E-04	0.00E+00	1.57E-04	0.00E+00	4.24E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1223	ALL	653890.1	4187928	NonCancer	0.00E+00	4.99E-05	0.00E+00	3.31E-06	3.31E-06	3.31E-06	5.58E-04	0.00E+00	1.23E-04	0.00E+00	3.31E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
1224	ALL	653910.1	4187928	NonCancer	0.00E+00	4.01E-05	0.00E+00	2.67E-06	2.67E-06	2.67E-06	4.64E-04	0.00E+00	9.91E-05	0.00E+00	2.67E-06	1.45E-03	0.00E+00	0.00E+00	1.45E-03
1225	ALL	653930.1	4187928	NonCancer	0.00E+00	3.30E-05	0.00E+00	2.19E-06	2.19E-06	2.19E-06	3.92E-04	0.00E+00	8.16E-05	0.00E+00	2.19E-06	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1226	ALL	653950.1	4187928	NonCancer	0.00E+00	2.77E-05	0.00E+00	1.84E-06	1.84E-06	1.84E-06	3.36E-04	0.00E+00	6.85E-05	0.00E+00	1.84E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1227	ALL	653970.1	4187928	NonCancer	0.00E+00	2.36E-05	0.00E+00	1.57E-06	1.57E-06	1.57E-06	2.91E-04	0.00E+00	5.84E-05	0.00E+00	1.57E-06	8.65E-04	0.00E+00	0.00E+00	8.65E-04
1228	ALL	653990.1	4187928	NonCancer	0.00E+00	2.04E-05	0.00E+00	1.35E-06	1.35E-06	1.35E-06	2.55E-04	0.00E+00	5.04E-05	0.00E+00	1.35E-06	7.49E-04	0.00E+00	0.00E+00	7.49E-04
1229	ALL	654010.1	4187928	NonCancer	0.00E+00	1.78E-05	0.00E+00	1.18E-06	1.18E-06	1.18E-06	2.26E-04	0.00E+00	4.40E-05	0.00E+00	1.18E-06	6.56E-04	0.00E+00	0.00E+00	6.56E-04
1230	ALL	654030.1	4187928	NonCancer	0.00E+00	1.57E-05	0.00E+00	1.04E-06	1.04E-06	1.04E-06	2.01E-04	0.00E+00	3.88E-05	0.00E+00	1.04E-06	5.80E-04	0.00E+00	0.00E+00	5.80E-04
1231	ALL	654050.1	4187928	NonCancer	0.00E+00	1.39E-05	0.00E+00	9.25E-07	9.25E-07	9.25E-07	1.81E-04	0.00E+00	3.45E-05	0.00E+00	9.25E-07	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1232	ALL	654070.1	4187928	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.28E-07	8.28E-07	8.28E-07	1.63E-04	0.00E+00	3.09E-05	0.00E+00	8.28E-07	4.64E-04	0.00E+00	0.00E+00	4.64E-04
1233	ALL	654090.1	4187928	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.46E-07	7.46E-07	7.46E-07	1.48E-04	0.00E+00	2.79E-05	0.00E+00	7.46E-07	4.19E-04	0.00E+00	0.00E+00	4.19E-04
1234	ALL	654110.1	4187928	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.77E-07	6.77E-07	6.77E-07	1.35E-04	0.00E+00	2.53E-05	0.00E+00	6.77E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1235	ALL	654130.1	4187928	NonCancer	0.00E+00	9.30E-06	0.00E+00	6.17E-07	6.17E-07	6.17E-07	1.24E-04	0.00E+00	2.31E-05	0.00E+00	6.17E-07	3.48E-04	0.00E+00	0.00E+00	3.48E-04
1236	ALL	654150.1	4187928	NonCancer	0.00E+00	8.51E-06	0.00E+00	5.65E-07	5.65E-07	5.65E-07	1.14E-04	0.00E+00	2.11E-05	0.00E+00	5.65E-07	3.19E-04	0.00E+00	0.00E+00	3.19E-04
1237	ALL	654170.1	4187928	NonCancer	0.00E+00	7.83E-06	0.00E+00	5.20E-07	5.20E-07	5.20E-07	1.06E-04	0.00E+00	1.94E-05	0.00E+00	5.20E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
1238	ALL	654190.1	4187928	NonCancer	0.00E+00	7.23E-06	0.00E+00	4.80E-07	4.80E-07	4.80E-07	9.80E-05	0.00E+00	1.79E-05	0.00E+00	4.80E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1239	ALL	654210.1	4187928	NonCancer	0.00E+00	6.70E-06	0.00E+00	4.45E-07	4.45E-07	4.45E-07	9.12E-05	0.00E+00	1.66E-05	0.00E+00	4.45E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
1240	ALL	654230.1	4187928	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.51E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
1241	ALL	654250.1	4187928	NonCancer	0.00E+00	5.81E-06	0.00E+00	3.85E-07	3.85E-07	3.85E-07	7.97E-05	0.00E+00	1.44E-05	0.00E+00	3.85E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
1242	ALL	654270.1	4187928	NonCancer	0.00E+00	5.43E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	7.47E-05	0.00E+00	1.35E-05	0.00E+00	3.60E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
1243	ALL	654290.1	4187928	NonCancer	0.00E+00	5.09E-06	0.00E+00	3.38E-07	3.38E-07	3.38E-07	7.03E-05	0.00E+00	1.26E-05	0.00E+00	3.38E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
1244	ALL	654310.1	4187928	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	6.62E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1245	ALL	654330.1	4187928	NonCancer	0.00E+00	4.50E-06	0.00E+00	2.99E-07	2.99E-07	2.99E-07	6.25E-05	0.00E+00	1.12E-05	0.00E+00	2.99E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
1246	ALL	654350.1	4187928	NonCancer	0.00E+00	4.25E-06	0.00E+00	2.82E-07	2.82E-07	2.82E-07	5.91E-05	0.00E+00	1.06E-05	0.00E+00	2.82E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
1247	ALL	654370.1	4187928	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	5.60E-05	0.00E+00	9.98E-06	0.00E+00	2.67E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
1248	ALL	654390.1	4187928	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.32E-05	0.00E+00	9.45E-06	0.00E+00	2.52E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
1249	ALL	654410.1	4187928	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.40E-07	2.40E-07	2.40E-07	5.06E-05	0.00E+00	8.97E-06	0.00E+00	2.40E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04

1250	ALL	654430.1	4187928	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.82E-05	0.00E+00	8.52E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
1251	ALL	654450.1	4187928	NonCancer	0.00E+00	3.26E-06	0.00E+00	2.17E-07	2.17E-07	2.17E-07	4.59E-05	0.00E+00	8.11E-06	0.00E+00	2.17E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
1252	ALL	654470.1	4187928	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.38E-05	0.00E+00	7.73E-06	0.00E+00	2.06E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
1253	ALL	654490.1	4187928	NonCancer	0.00E+00	2.97E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.19E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
1254	ALL	653690.1	4187948	NonCancer	0.00E+00	2.25E-04	0.00E+00	1.49E-05	1.49E-05	1.49E-05	3.10E-03	0.00E+00	5.59E-04	0.00E+00	1.49E-05	8.46E-03	0.00E+00	0.00E+00	8.46E-03
1255	ALL	653830.1	4187948	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.11E-06	8.11E-06	8.11E-06	1.17E-03	0.00E+00	2.99E-04	0.00E+00	8.11E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
1256	ALL	653850.1	4187948	NonCancer	0.00E+00	8.56E-05	0.00E+00	5.68E-06	5.68E-06	5.68E-06	8.85E-04	0.00E+00	2.10E-04	0.00E+00	5.68E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1257	ALL	653870.1	4187948	NonCancer	0.00E+00	6.36E-05	0.00E+00	4.22E-06	4.22E-06	4.22E-06	6.94E-04	0.00E+00	1.57E-04	0.00E+00	4.22E-06	2.26E-03	0.00E+00	0.00E+00	2.26E-03
1258	ALL	653890.1	4187948	NonCancer	0.00E+00	4.93E-05	0.00E+00	3.27E-06	3.27E-06	3.27E-06	5.60E-04	0.00E+00	1.22E-04	0.00E+00	3.27E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1259	ALL	653910.1	4187948	NonCancer	0.00E+00	3.95E-05	0.00E+00	2.62E-06	2.62E-06	2.62E-06	4.63E-04	0.00E+00	9.74E-05	0.00E+00	2.62E-06	1.43E-03	0.00E+00	0.00E+00	1.43E-03
1260	ALL	653930.1	4187948	NonCancer	0.00E+00	3.24E-05	0.00E+00	2.15E-06	2.15E-06	2.15E-06	3.90E-04	0.00E+00	8.00E-05	0.00E+00	2.15E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
1261	ALL	653950.1	4187948	NonCancer	0.00E+00	2.71E-05	0.00E+00	1.80E-06	1.80E-06	1.80E-06	3.33E-04	0.00E+00	6.71E-05	0.00E+00	1.80E-06	9.93E-04	0.00E+00	0.00E+00	9.93E-04
1262	ALL	653970.1	4187948	NonCancer	0.00E+00	2.31E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	2.88E-04	0.00E+00	5.71E-05	0.00E+00	1.53E-06	8.49E-04	0.00E+00	0.00E+00	8.49E-04
1263	ALL	653990.1	4187948	NonCancer	0.00E+00	1.99E-05	0.00E+00	1.32E-06	1.32E-06	1.32E-06	2.52E-04	0.00E+00	4.93E-05	0.00E+00	1.32E-06	7.35E-04	0.00E+00	0.00E+00	7.35E-04
1264	ALL	654010.1	4187948	NonCancer	0.00E+00	1.74E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.23E-04	0.00E+00	4.31E-05	0.00E+00	1.16E-06	6.44E-04	0.00E+00	0.00E+00	6.44E-04
1265	ALL	654030.1	4187948	NonCancer	0.00E+00	1.53E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	1.99E-04	0.00E+00	3.80E-05	0.00E+00	1.02E-06	5.69E-04	0.00E+00	0.00E+00	5.69E-04
1266	ALL	654050.1	4187948	NonCancer	0.00E+00	1.36E-05	0.00E+00	9.06E-07	9.06E-07	9.06E-07	1.78E-04	0.00E+00	3.38E-05	0.00E+00	9.06E-07	5.08E-04	0.00E+00	0.00E+00	5.08E-04
1267	ALL	654070.1	4187948	NonCancer	0.00E+00	1.22E-05	0.00E+00	8.12E-07	8.12E-07	8.12E-07	1.61E-04	0.00E+00	3.03E-05	0.00E+00	8.12E-07	4.56E-04	0.00E+00	0.00E+00	4.56E-04
1268	ALL	654090.1	4187948	NonCancer	0.00E+00	1.10E-05	0.00E+00	7.32E-07	7.32E-07	7.32E-07	1.46E-04	0.00E+00	2.73E-05	0.00E+00	7.32E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
1269	ALL	654110.1	4187948	NonCancer	0.00E+00	1.00E-05	0.00E+00	6.64E-07	6.64E-07	6.64E-07	1.34E-04	0.00E+00	2.48E-05	0.00E+00	6.64E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
1270	ALL	654130.1	4187948	NonCancer	0.00E+00	9.13E-06	0.00E+00	6.06E-07	6.06E-07	6.06E-07	1.23E-04	0.00E+00	2.26E-05	0.00E+00	6.06E-07	3.42E-04	0.00E+00	0.00E+00	3.42E-04
1271	ALL	654150.1	4187948	NonCancer	0.00E+00	8.36E-06	0.00E+00	5.55E-07	5.55E-07	5.55E-07	1.13E-04	0.00E+00	2.08E-05	0.00E+00	5.55E-07	3.14E-04	0.00E+00	0.00E+00	3.14E-04
1272	ALL	654170.1	4187948	NonCancer	0.00E+00	7.70E-06	0.00E+00	5.11E-07	5.11E-07	5.11E-07	1.04E-04	0.00E+00	1.91E-05	0.00E+00	5.11E-07	2.89E-04	0.00E+00	0.00E+00	2.89E-04
1273	ALL	654190.1	4187948	NonCancer	0.00E+00	7.11E-06	0.00E+00	4.72E-07	4.72E-07	4.72E-07	9.69E-05	0.00E+00	1.76E-05	0.00E+00	4.72E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
1274	ALL	654210.1	4187948	NonCancer	0.00E+00	6.59E-06	0.00E+00	4.37E-07	4.37E-07	4.37E-07	9.02E-05	0.00E+00	1.64E-05	0.00E+00	4.37E-07	2.48E-04	0.00E+00	0.00E+00	2.48E-04
1275	ALL	654230.1	4187948	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.07E-07	4.07E-07	4.07E-07	8.42E-05	0.00E+00	1.52E-05	0.00E+00	4.07E-07	2.31E-04	0.00E+00	0.00E+00	2.31E-04
1276	ALL	654250.1	4187948	NonCancer	0.00E+00	5.72E-06	0.00E+00	3.80E-07	3.80E-07	3.80E-07	7.88E-05	0.00E+00	1.42E-05	0.00E+00	3.80E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
1277	ALL	654270.1	4187948	NonCancer	0.00E+00	5.35E-06	0.00E+00	3.55E-07	3.55E-07	3.55E-07	7.39E-05	0.00E+00	1.33E-05	0.00E+00	3.55E-07	2.02E-04	0.00E+00	0.00E+00	2.02E-04
1278	ALL	654290.1	4187948	NonCancer	0.00E+00	5.02E-06	0.00E+00	3.33E-07	3.33E-07	3.33E-07	6.95E-05	0.00E+00	1.25E-05	0.00E+00	3.33E-07	1.90E-04	0.00E+00	0.00E+00	1.90E-04
1279	ALL	654310.1	4187948	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.55E-05	0.00E+00	1.17E-05	0.00E+00	3.13E-07	1.78E-04	0.00E+00	0.00E+00	1.78E-04
1280	ALL	654330.1	4187948	NonCancer	0.00E+00	4.44E-06	0.00E+00	2.95E-07	2.95E-07	2.95E-07	6.19E-05	0.00E+00	1.10E-05	0.00E+00	2.95E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
1281	ALL	654350.1	4187948	NonCancer	0.00E+00	4.19E-06	0.00E+00	2.78E-07	2.78E-07	2.78E-07	5.86E-05	0.00E+00	1.04E-05	0.00E+00	2.78E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
1282	ALL	654370.1	4187948	NonCancer	0.00E+00	3.97E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	5.55E-05	0.00E+00	9.85E-06	0.00E+00	2.63E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
1283	ALL	654390.1	4187948	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.27E-05	0.00E+00	9.34E-06	0.00E+00	2.49E-07	1.42E-04	0.00E+00	0.00E+00	1.42E-04
1284	ALL	654410.1	4187948	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	5.01E-05	0.00E+00	8.86E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
1285	ALL	654430.1	4187948	NonCancer	0.00E+00	3.39E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.77E-05	0.00E+00	8.43E-06	0.00E+00	2.25E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
1286	ALL	654450.1	4187948	NonCancer	0.00E+00	3.23E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	4.55E-05	0.00E+00	8.02E-06	0.00E+00	2.14E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
1287	ALL	654470.1	4187948	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.34E-05	0.00E+00	7.65E-06	0.00E+00	2.04E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
1288	ALL	654490.1	4187948	NonCancer	0.00E+00	2.94E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.15E-05	0.00E+00	7.30E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
1289	ALL	653690.1	4187968	NonCancer	0.00E+00	3.15E-04	0.00E+00	2.09E-05	2.09E-05	2.09E-05	3.57E-03	0.00E+00	7.76E-04	0.00E+00	2.09E-05	1.13E-02	0.00E+00	0.00E+00	1.13E-02
1290	ALL	653830.1	4187968	NonCancer	0.00E+00	1.11E-04	0.00E+00	7.40E-06	7.40E-06	7.40E-06	1.13E-03	0.00E+00	2.74E-04	0.00E+00	7.40E-06	3.90E-03	0.00E+00	0.00E+00	3.90E-03
1291	ALL	653850.1	4187968	NonCancer	0.00E+00	7.91E-05	0.00E+00	5.25E-06	5.25E-06	5.25E-06	8.55E-04	0.00E+00	1.95E-04	0.00E+00	5.25E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
1292	ALL	653870.1	4187968	NonCancer	0.00E+00	5.94E-05	0.00E+00	3.94E-06	3.94E-06	3.94E-06	6.71E-04	0.00E+00	1.46E-04	0.00E+00	3.94E-06	2.13E-03	0.00E+00	0.00E+00	2.13E-03
1293	ALL	653890.1	4187968	NonCancer	0.00E+00	4.64E-05	0.00E+00	3.08E-06	3.08E-06	3.08E-06	5.42E-04	0.00E+00	1.15E-04	0.00E+00	3.08E-06	1.68E-03	0.00E+00	0.00E+00	1.68E-03
1294	ALL	653910.1	4187968	NonCancer	0.00E+00	3.74E-05	0.00E+00	2.48E-06	2.48E-06	2.48E-06	4.49E-04	0.00E+00	9.24E-05	0.00E+00	2.48E-06	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1295	ALL	653930.1	4187968	NonCancer	0.00E+00	3.09E-05	0.00E+00	2.05E-06	2.05E-06	2.05E-06	3.78E-04	0.00E+00	7.63E-05	0.00E+00	2.05E-06	1.13E-03	0.00E+00	0.00E+00	1.13E-03
1296	ALL	653950.1	4187968	NonCancer	0.00E+00	2.60E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.24E-04	0.00E+00	6.42E-05	0.00E+00	1.72E-06	9.54E-04	0.00E+00	0.00E+00	9.54E-04
1297	ALL	653970.1	4187968	NonCancer	0.00E+00	2.22E-05	0.00E+00	1.47E-06	1.47E-06	1.47E-06	2.81E-04	0.00E+00	5.49E-05	0.00E+00	1.47E-06	8.18E-04	0.00E+00	0.00E+00	8.18E-04
1298	ALL	653990.1	4187968	NonCancer	0.00E+00	1.92E-05	0.00E+00	1.28E-06	1.28E-06	1.28E-06	2.46E-04	0.00E+00	4.76E-05	0.00E+00	1.28E-06	7.11E-04	0.00E+00	0.00E+00	7.11E-04
1299	ALL	654010.1	4187968	NonCancer	0.00E+00	1.68E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.18E-04	0.00E+00	4.17E-05	0.00E+00	1.12E-06	6.24E-04	0.00E+00	0.00E+00	6.24E-04

1300	ALL	654030.1	4187968	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.87E-07	9.87E-07	9.87E-07	1.94E-04	0.00E+00	3.69E-05	0.00E+00	9.87E-07	5.53E-04	0.00E+00	0.00E+00	5.53E-04
1301	ALL	654050.1	4187968	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.80E-07	8.80E-07	8.80E-07	1.75E-04	0.00E+00	3.29E-05	0.00E+00	8.80E-07	4.94E-04	0.00E+00	0.00E+00	4.94E-04
1302	ALL	654070.1	4187968	NonCancer	0.00E+00	1.19E-05	0.00E+00	7.90E-07	7.90E-07	7.90E-07	1.58E-04	0.00E+00	2.95E-05	0.00E+00	7.90E-07	4.44E-04	0.00E+00	0.00E+00	4.44E-04
1303	ALL	654090.1	4187968	NonCancer	0.00E+00	1.08E-05	0.00E+00	7.14E-07	7.14E-07	7.14E-07	1.44E-04	0.00E+00	2.67E-05	0.00E+00	7.14E-07	4.02E-04	0.00E+00	0.00E+00	4.02E-04
1304	ALL	654110.1	4187968	NonCancer	0.00E+00	9.77E-06	0.00E+00	6.48E-07	6.48E-07	6.48E-07	1.31E-04	0.00E+00	2.42E-05	0.00E+00	6.48E-07	3.66E-04	0.00E+00	0.00E+00	3.66E-04
1305	ALL	654130.1	4187968	NonCancer	0.00E+00	8.93E-06	0.00E+00	5.92E-07	5.92E-07	5.92E-07	1.20E-04	0.00E+00	2.21E-05	0.00E+00	5.92E-07	3.35E-04	0.00E+00	0.00E+00	3.35E-04
1306	ALL	654150.1	4187968	NonCancer	0.00E+00	8.19E-06	0.00E+00	5.43E-07	5.43E-07	5.43E-07	1.11E-04	0.00E+00	2.03E-05	0.00E+00	5.43E-07	3.08E-04	0.00E+00	0.00E+00	3.08E-04
1307	ALL	654170.1	4187968	NonCancer	0.00E+00	7.54E-06	0.00E+00	5.01E-07	5.01E-07	5.01E-07	1.03E-04	0.00E+00	1.87E-05	0.00E+00	5.01E-07	2.84E-04	0.00E+00	0.00E+00	2.84E-04
1308	ALL	654190.1	4187968	NonCancer	0.00E+00	6.98E-06	0.00E+00	4.63E-07	4.63E-07	4.63E-07	9.54E-05	0.00E+00	1.73E-05	0.00E+00	4.63E-07	2.63E-04	0.00E+00	0.00E+00	2.63E-04
1309	ALL	654210.1	4187968	NonCancer	0.00E+00	6.47E-06	0.00E+00	4.30E-07	4.30E-07	4.30E-07	8.88E-05	0.00E+00	1.61E-05	0.00E+00	4.30E-07	2.44E-04	0.00E+00	0.00E+00	2.44E-04
1310	ALL	654230.1	4187968	NonCancer	0.00E+00	6.03E-06	0.00E+00	4.00E-07	4.00E-07	4.00E-07	8.30E-05	0.00E+00	1.50E-05	0.00E+00	4.00E-07	2.27E-04	0.00E+00	0.00E+00	2.27E-04
1311	ALL	654250.1	4187968	NonCancer	0.00E+00	5.63E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	7.77E-05	0.00E+00	1.40E-05	0.00E+00	3.73E-07	2.12E-04	0.00E+00	0.00E+00	2.12E-04
1312	ALL	654270.1	4187968	NonCancer	0.00E+00	5.27E-06	0.00E+00	3.49E-07	3.49E-07	3.49E-07	7.29E-05	0.00E+00	1.31E-05	0.00E+00	3.49E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
1313	ALL	654290.1	4187968	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.28E-07	3.28E-07	3.28E-07	6.86E-05	0.00E+00	1.23E-05	0.00E+00	3.28E-07	1.87E-04	0.00E+00	0.00E+00	1.87E-04
1314	ALL	654310.1	4187968	NonCancer	0.00E+00	4.65E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.47E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
1315	ALL	654330.1	4187968	NonCancer	0.00E+00	4.38E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.11E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.66E-04	0.00E+00	0.00E+00	1.66E-04
1316	ALL	654350.1	4187968	NonCancer	0.00E+00	4.14E-06	0.00E+00	2.75E-07	2.75E-07	2.75E-07	5.79E-05	0.00E+00	1.03E-05	0.00E+00	2.75E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
1317	ALL	654370.1	4187968	NonCancer	0.00E+00	3.92E-06	0.00E+00	2.60E-07	2.60E-07	2.60E-07	5.49E-05	0.00E+00	9.73E-06	0.00E+00	2.60E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
1318	ALL	654390.1	4187968	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.21E-05	0.00E+00	9.22E-06	0.00E+00	2.46E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
1319	ALL	654410.1	4187968	NonCancer	0.00E+00	3.52E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	4.96E-05	0.00E+00	8.76E-06	0.00E+00	2.34E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
1320	ALL	654430.1	4187968	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.72E-05	0.00E+00	8.33E-06	0.00E+00	2.22E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1321	ALL	654450.1	4187968	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.50E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1322	ALL	654470.1	4187968	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.02E-07	2.02E-07	2.02E-07	4.30E-05	0.00E+00	7.56E-06	0.00E+00	2.02E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1323	ALL	654490.1	4187968	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.11E-05	0.00E+00	7.22E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
1324	ALL	653690.1	4187988	NonCancer	0.00E+00	2.46E-04	0.00E+00	1.63E-05	1.63E-05	1.63E-05	3.24E-03	0.00E+00	6.10E-04	0.00E+00	1.63E-05	9.08E-03	0.00E+00	0.00E+00	9.08E-03
1325	ALL	653830.1	4187988	NonCancer	0.00E+00	8.59E-05	0.00E+00	5.70E-06	5.70E-06	5.70E-06	9.94E-04	0.00E+00	2.12E-04	0.00E+00	5.70E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
1326	ALL	653850.1	4187988	NonCancer	0.00E+00	6.51E-05	0.00E+00	4.32E-06	4.32E-06	4.32E-06	7.71E-04	0.00E+00	1.61E-04	0.00E+00	4.32E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
1327	ALL	653870.1	4187988	NonCancer	0.00E+00	5.10E-05	0.00E+00	3.39E-06	3.39E-06	3.39E-06	6.16E-04	0.00E+00	1.26E-04	0.00E+00	3.39E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
1328	ALL	653890.1	4187988	NonCancer	0.00E+00	4.11E-05	0.00E+00	2.73E-06	2.73E-06	2.73E-06	5.05E-04	0.00E+00	1.02E-04	0.00E+00	2.73E-06	1.50E-03	0.00E+00	0.00E+00	1.50E-03
1329	ALL	653910.1	4187988	NonCancer	0.00E+00	3.38E-05	0.00E+00	2.24E-06	2.24E-06	2.24E-06	4.22E-04	0.00E+00	8.36E-05	0.00E+00	2.24E-06	1.24E-03	0.00E+00	0.00E+00	1.24E-03
1330	ALL	653930.1	4187988	NonCancer	0.00E+00	2.83E-05	0.00E+00	1.88E-06	1.88E-06	1.88E-06	3.58E-04	0.00E+00	7.01E-05	0.00E+00	1.88E-06	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1331	ALL	653950.1	4187988	NonCancer	0.00E+00	2.41E-05	0.00E+00	1.60E-06	1.60E-06	1.60E-06	3.08E-04	0.00E+00	5.97E-05	0.00E+00	1.60E-06	8.92E-04	0.00E+00	0.00E+00	8.92E-04
1332	ALL	653970.1	4187988	NonCancer	0.00E+00	2.08E-05	0.00E+00	1.38E-06	1.38E-06	1.38E-06	2.69E-04	0.00E+00	5.16E-05	0.00E+00	1.38E-06	7.72E-04	0.00E+00	0.00E+00	7.72E-04
1333	ALL	653990.1	4187988	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	2.37E-04	0.00E+00	4.50E-05	0.00E+00	1.21E-06	6.75E-04	0.00E+00	0.00E+00	6.75E-04
1334	ALL	654010.1	4187988	NonCancer	0.00E+00	1.60E-05	0.00E+00	1.06E-06	1.06E-06	1.06E-06	2.10E-04	0.00E+00	3.97E-05	0.00E+00	1.06E-06	5.96E-04	0.00E+00	0.00E+00	5.96E-04
1335	ALL	654030.1	4187988	NonCancer	0.00E+00	1.42E-05	0.00E+00	9.44E-07	9.44E-07	9.44E-07	1.88E-04	0.00E+00	3.53E-05	0.00E+00	9.44E-07	5.30E-04	0.00E+00	0.00E+00	5.30E-04
1336	ALL	654050.1	4187988	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.45E-07	8.45E-07	8.45E-07	1.69E-04	0.00E+00	3.16E-05	0.00E+00	8.45E-07	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1337	ALL	654070.1	4187988	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.61E-07	7.61E-07	7.61E-07	1.53E-04	0.00E+00	2.85E-05	0.00E+00	7.61E-07	4.29E-04	0.00E+00	0.00E+00	4.29E-04
1338	ALL	654090.1	4187988	NonCancer	0.00E+00	1.04E-05	0.00E+00	6.90E-07	6.90E-07	6.90E-07	1.40E-04	0.00E+00	2.58E-05	0.00E+00	6.90E-07	3.90E-04	0.00E+00	0.00E+00	3.90E-04
1339	ALL	654110.1	4187988	NonCancer	0.00E+00	9.47E-06	0.00E+00	6.29E-07	6.29E-07	6.29E-07	1.28E-04	0.00E+00	2.35E-05	0.00E+00	6.29E-07	3.55E-04	0.00E+00	0.00E+00	3.55E-04
1340	ALL	654130.1	4187988	NonCancer	0.00E+00	8.67E-06	0.00E+00	5.76E-07	5.76E-07	5.76E-07	1.18E-04	0.00E+00	2.15E-05	0.00E+00	5.76E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
1341	ALL	654150.1	4187988	NonCancer	0.00E+00	7.97E-06	0.00E+00	5.29E-07	5.29E-07	5.29E-07	1.09E-04	0.00E+00	1.98E-05	0.00E+00	5.29E-07	3.00E-04	0.00E+00	0.00E+00	3.00E-04
1342	ALL	654170.1	4187988	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	1.01E-04	0.00E+00	1.83E-05	0.00E+00	4.88E-07	2.77E-04	0.00E+00	0.00E+00	2.77E-04
1343	ALL	654190.1	4187988	NonCancer	0.00E+00	6.82E-06	0.00E+00	4.52E-07	4.52E-07	4.52E-07	9.35E-05	0.00E+00	1.69E-05	0.00E+00	4.52E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
1344	ALL	654210.1	4187988	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	8.72E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
1345	ALL	654230.1	4187988	NonCancer	0.00E+00	5.91E-06	0.00E+00	3.92E-07	3.92E-07	3.92E-07	8.15E-05	0.00E+00	1.47E-05	0.00E+00	3.92E-07	2.23E-04	0.00E+00	0.00E+00	2.23E-04
1346	ALL	654250.1	4187988	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	7.64E-05	0.00E+00	1.37E-05	0.00E+00	3.66E-07	2.08E-04	0.00E+00	0.00E+00	2.08E-04
1347	ALL	654270.1	4187988	NonCancer	0.00E+00	5.17E-06	0.00E+00	3.43E-07	3.43E-07	3.43E-07	7.17E-05	0.00E+00	1.28E-05	0.00E+00	3.43E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1348	ALL	654290.1	4187988	NonCancer	0.00E+00	4.86E-06	0.00E+00	3.22E-07	3.22E-07	3.22E-07	6.75E-05	0.00E+00	1.21E-05	0.00E+00	3.22E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
1349	ALL	654310.1	4187988	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.37E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04

1350	ALL	654330.1	4187988	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	6.02E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1351	ALL	654350.1	4187988	NonCancer	0.00E+00	4.08E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.71E-05	0.00E+00	1.01E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
1352	ALL	654370.1	4187988	NonCancer	0.00E+00	3.86E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	5.41E-05	0.00E+00	9.59E-06	0.00E+00	2.56E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1353	ALL	654390.1	4187988	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.14E-05	0.00E+00	9.10E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
1354	ALL	654410.1	4187988	NonCancer	0.00E+00	3.48E-06	0.00E+00	2.31E-07	2.31E-07	2.31E-07	4.89E-05	0.00E+00	8.65E-06	0.00E+00	2.31E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
1355	ALL	654430.1	4187988	NonCancer	0.00E+00	3.31E-06	0.00E+00	2.20E-07	2.20E-07	2.20E-07	4.66E-05	0.00E+00	8.23E-06	0.00E+00	2.20E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
1356	ALL	654450.1	4187988	NonCancer	0.00E+00	3.15E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.45E-05	0.00E+00	7.84E-06	0.00E+00	2.09E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
1357	ALL	654470.1	4187988	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.25E-05	0.00E+00	7.48E-06	0.00E+00	2.00E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
1358	ALL	654490.1	4187988	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.07E-05	0.00E+00	7.14E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
1359	ALL	653655.1	4187975	NonCancer	0.00E+00	1.16E-04	0.00E+00	7.69E-06	7.69E-06	7.69E-06	2.21E-03	0.00E+00	2.92E-04	0.00E+00	7.69E-06	4.82E-03	0.00E+00	0.00E+00	4.82E-03
1360	ALL	653791.2	4188025	NonCancer	0.00E+00	6.03E-05	0.00E+00	4.00E-06	4.00E-06	4.00E-06	9.04E-04	0.00E+00	1.50E-04	0.00E+00	4.00E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
1361	ALL	653828	4188054	NonCancer	0.00E+00	2.81E-05	0.00E+00	1.87E-06	1.87E-06	1.87E-06	4.27E-04	0.00E+00	7.01E-05	0.00E+00	1.87E-06	1.09E-03	0.00E+00	0.00E+00	1.09E-03
1362	ALL	653851.7	4188037	NonCancer	0.00E+00	3.10E-05	0.00E+00	2.06E-06	2.06E-06	2.06E-06	4.61E-04	0.00E+00	7.73E-05	0.00E+00	2.06E-06	1.20E-03	0.00E+00	0.00E+00	1.20E-03
1363	ALL	653905.3	4188036	NonCancer	0.00E+00	2.27E-05	0.00E+00	1.51E-06	1.51E-06	1.51E-06	3.24E-04	0.00E+00	5.65E-05	0.00E+00	1.51E-06	8.66E-04	0.00E+00	0.00E+00	8.66E-04
1364	ALL	653749.8	4188104	NonCancer	0.00E+00	2.06E-05	0.00E+00	1.37E-06	1.37E-06	1.37E-06	3.26E-04	0.00E+00	5.15E-05	0.00E+00	1.37E-06	8.09E-04	0.00E+00	0.00E+00	8.09E-04
1365	ALL	653938.3	4188030	NonCancer	0.00E+00	1.97E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	2.75E-04	0.00E+00	4.90E-05	0.00E+00	1.31E-06	7.47E-04	0.00E+00	0.00E+00	7.47E-04
1366	ALL	653988.6	4188028	NonCancer	0.00E+00	1.50E-05	0.00E+00	9.96E-07	9.96E-07	9.96E-07	2.08E-04	0.00E+00	3.73E-05	0.00E+00	9.96E-07	5.67E-04	0.00E+00	0.00E+00	5.67E-04
1367	ALL	654041.4	4188038	NonCancer	0.00E+00	1.09E-05	0.00E+00	7.24E-07	7.24E-07	7.24E-07	1.53E-04	0.00E+00	2.71E-05	0.00E+00	7.24E-07	4.14E-04	0.00E+00	0.00E+00	4.14E-04
1368	ALL	653989.9	4188052	NonCancer	0.00E+00	1.28E-05	0.00E+00	8.47E-07	8.47E-07	8.47E-07	1.83E-04	0.00E+00	3.18E-05	0.00E+00	8.47E-07	4.87E-04	0.00E+00	0.00E+00	4.87E-04
1369	ALL	653634	4187869	NonCancer	0.00E+00	2.93E-05	0.00E+00	1.95E-06	1.95E-06	1.95E-06	4.57E-04	0.00E+00	7.32E-05	0.00E+00	1.95E-06	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1370	ALL	653624.7	4187963	NonCancer	0.00E+00	6.42E-05	0.00E+00	4.26E-06	4.26E-06	4.26E-06	1.11E-03	0.00E+00	1.61E-04	0.00E+00	4.26E-06	2.59E-03	0.00E+00	0.00E+00	2.59E-03
1371	ALL	653582.9	4187962	NonCancer	0.00E+00	3.68E-05	0.00E+00	2.44E-06	2.44E-06	2.44E-06	6.26E-04	0.00E+00	9.22E-05	0.00E+00	2.44E-06	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1372	ALL	653701.2	4188101	NonCancer	0.00E+00	2.44E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.93E-04	0.00E+00	6.10E-05	0.00E+00	1.62E-06	9.64E-04	0.00E+00	0.00E+00	9.64E-04
1373	ALL	654582.9	4187495	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.00E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.08E-05	0.00E+00	0.00E+00	8.08E-05
1374	ALL	654554.3	4187451	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	2.99E-05	0.00E+00	5.27E-06	0.00E+00	1.41E-07	8.05E-05	0.00E+00	0.00E+00	8.05E-05
1375	ALL	654607.7	4187450	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.77E-05	0.00E+00	4.88E-06	0.00E+00	1.30E-07	7.46E-05	0.00E+00	0.00E+00	7.46E-05
1376	ALL	654492.6	4186914	NonCancer	0.00E+00	9.93E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.46E-05	0.00E+00	2.47E-06	0.00E+00	6.59E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
1377	ALL	654507.1	4186911	NonCancer	0.00E+00	9.85E-07	0.00E+00	6.53E-08	6.53E-08	6.53E-08	1.45E-05	0.00E+00	2.45E-06	0.00E+00	6.53E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
1378	ALL	654509.1	4186964	NonCancer	0.00E+00	1.07E-06	0.00E+00	7.10E-08	7.10E-08	7.10E-08	1.56E-05	0.00E+00	2.66E-06	0.00E+00	7.10E-08	4.10E-05	0.00E+00	0.00E+00	4.10E-05
1379	ALL	653809.3	4186920	NonCancer	0.00E+00	1.05E-06	0.00E+00	6.96E-08	6.96E-08	6.96E-08	1.58E-05	0.00E+00	2.62E-06	0.00E+00	6.96E-08	4.06E-05	0.00E+00	0.00E+00	4.06E-05
1380	ALL	654342.3	4186819	NonCancer	0.00E+00	9.79E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.41E-05	0.00E+00	2.44E-06	0.00E+00	6.49E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
1381	ALL	655092.5	4187198	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.35E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.59E-05	0.00E+00	0.00E+00	3.59E-05
1382	ALL	654238.7	4186303	NonCancer	0.00E+00	5.39E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	8.00E-06	0.00E+00	1.34E-06	0.00E+00	3.58E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1383	ALL	655153.1	4188271	NonCancer	0.00E+00	8.17E-07	0.00E+00	5.42E-08	5.42E-08	5.42E-08	1.21E-05	0.00E+00	2.04E-06	0.00E+00	5.42E-08	3.15E-05	0.00E+00	0.00E+00	3.15E-05
1384	ALL	653689.1	4188009	NonCancer	0.00E+00	1.61E-04	0.00E+00	1.06E-05	1.06E-05	1.06E-05	3.56E-03	0.00E+00	4.08E-04	0.00E+00	1.06E-05	7.03E-03	0.00E+00	0.00E+00	7.03E-03
1385	ALL	653683.7	4188032	NonCancer	0.00E+00	8.84E-05	0.00E+00	5.86E-06	5.86E-06	5.86E-06	1.72E-03	0.00E+00	2.23E-04	0.00E+00	5.86E-06	3.70E-03	0.00E+00	0.00E+00	3.70E-03
1386	ALL	653706.1	4188038	NonCancer	0.00E+00	7.61E-05	0.00E+00	5.05E-06	5.05E-06	5.05E-06	1.24E-03	0.00E+00	1.90E-04	0.00E+00	5.05E-06	3.01E-03	0.00E+00	0.00E+00	3.01E-03
1387	ALL	653679.4	4188057	NonCancer	0.00E+00	5.36E-05	0.00E+00	3.55E-06	3.55E-06	3.55E-06	9.43E-04	0.00E+00	1.34E-04	0.00E+00	3.55E-06	2.17E-03	0.00E+00	0.00E+00	2.17E-03
1388	ALL	653658.8	4188047	NonCancer	0.00E+00	5.87E-05	0.00E+00	3.89E-06	3.89E-06	3.89E-06	1.19E-03	0.00E+00	1.49E-04	0.00E+00	3.89E-06	2.50E-03	0.00E+00	0.00E+00	2.50E-03
1389	ALL	653703	4188063	NonCancer	0.00E+00	4.48E-05	0.00E+00	2.97E-06	2.97E-06	2.97E-06	7.28E-04	0.00E+00	1.12E-04	0.00E+00	2.97E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
1390	ALL	653675.6	4188081	NonCancer	0.00E+00	3.53E-05	0.00E+00	2.34E-06	2.34E-06	2.34E-06	5.90E-04	0.00E+00	8.83E-05	0.00E+00	2.34E-06	1.41E-03	0.00E+00	0.00E+00	1.41E-03
1391	ALL	653653.7	4188071	NonCancer	0.00E+00	4.06E-05	0.00E+00	2.69E-06	2.69E-06	2.69E-06	7.49E-04	0.00E+00	1.02E-04	0.00E+00	2.69E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
1392	ALL	653699.9	4188088	NonCancer	0.00E+00	2.96E-05	0.00E+00	1.96E-06	1.96E-06	1.96E-06	4.78E-04	0.00E+00	7.41E-05	0.00E+00	1.96E-06	1.17E-03	0.00E+00	0.00E+00	1.17E-03
1393	ALL	653668.6	4188130	NonCancer	0.00E+00	1.85E-05	0.00E+00	1.22E-06	1.22E-06	1.22E-06	2.96E-04	0.00E+00	4.61E-05	0.00E+00	1.22E-06	7.27E-04	0.00E+00	0.00E+00	7.27E-04
1394	ALL	653645.1	4188120	NonCancer	0.00E+00	2.16E-05	0.00E+00	1.43E-06	1.43E-06	1.43E-06	3.61E-04	0.00E+00	5.40E-05	0.00E+00	1.43E-06	8.62E-04	0.00E+00	0.00E+00	8.62E-04
1395	ALL	653621.6	4188109	NonCancer	0.00E+00	2.38E-05	0.00E+00	1.58E-06	1.58E-06	1.58E-06	4.18E-04	0.00E+00	5.96E-05	0.00E+00	1.58E-06	9.63E-04	0.00E+00	0.00E+00	9.63E-04
1396	ALL	653693.7	4188138	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.06E-06	1.06E-06	1.06E-06	2.54E-04	0.00E+00	3.97E-05	0.00E+00	1.06E-06	6.26E-04	0.00E+00	0.00E+00	6.26E-04
1397	ALL	653663.2	4188180	NonCancer	0.00E+00	1.13E-05	0.00E+00	7.49E-07	7.49E-07	7.49E-07	1.78E-04	0.00E+00	2.82E-05	0.00E+00	7.49E-07	4.43E-04	0.00E+00	0.00E+00	4.43E-04
1398	ALL	653641.3	4188170	NonCancer	0.00E+00	1.29E-05	0.00E+00	8.55E-07	8.55E-07	8.55E-07	2.06E-04	0.00E+00	3.22E-05	0.00E+00	8.55E-07	5.08E-04	0.00E+00	0.00E+00	5.08E-04
1399	ALL	653619.3	4188160	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.53E-07	9.53E-07	9.53E-07	2.36E-04	0.00E+00	3.59E-05	0.00E+00	9.53E-07	5.71E-04	0.00E+00	0.00E+00	5.71E-04

1400	ALL	653597.4	4188150	NonCancer	0.00E+00	1.55E-05	0.00E+00	1.03E-06	1.03E-06	1.03E-06	2.62E-04	0.00E+00	3.89E-05	0.00E+00	1.03E-06	6.22E-04	0.00E+00	0.00E+00	6.22E-04
1401	ALL	653575.4	4188140	NonCancer	0.00E+00	1.60E-05	0.00E+00	1.06E-06	1.06E-06	1.06E-06	2.75E-04	0.00E+00	4.01E-05	0.00E+00	1.06E-06	6.43E-04	0.00E+00	0.00E+00	6.43E-04
1402	ALL	653687.5	4188187	NonCancer	0.00E+00	1.00E-05	0.00E+00	6.66E-07	6.66E-07	6.66E-07	1.60E-04	0.00E+00	2.51E-05	0.00E+00	6.66E-07	3.95E-04	0.00E+00	0.00E+00	3.95E-04
1403	ALL	653656.5	4188230	NonCancer	0.00E+00	7.71E-06	0.00E+00	5.11E-07	5.11E-07	5.11E-07	1.21E-04	0.00E+00	1.92E-05	0.00E+00	5.11E-07	3.02E-04	0.00E+00	0.00E+00	3.02E-04
1404	ALL	653633.7	4188219	NonCancer	0.00E+00	8.71E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.37E-04	0.00E+00	2.17E-05	0.00E+00	5.78E-07	3.41E-04	0.00E+00	0.00E+00	3.41E-04
1405	ALL	653610.8	4188209	NonCancer	0.00E+00	9.68E-06	0.00E+00	6.42E-07	6.42E-07	6.42E-07	1.55E-04	0.00E+00	2.42E-05	0.00E+00	6.42E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
1406	ALL	653587.9	4188198	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.98E-07	6.98E-07	6.98E-07	1.72E-04	0.00E+00	2.63E-05	0.00E+00	6.98E-07	4.17E-04	0.00E+00	0.00E+00	4.17E-04
1407	ALL	653565.1	4188188	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.44E-07	7.44E-07	7.44E-07	1.85E-04	0.00E+00	2.81E-05	0.00E+00	7.44E-07	4.46E-04	0.00E+00	0.00E+00	4.46E-04
1408	ALL	653542.2	4188177	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.62E-07	7.62E-07	7.62E-07	1.92E-04	0.00E+00	2.88E-05	0.00E+00	7.62E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
1409	ALL	653681.2	4188237	NonCancer	0.00E+00	6.99E-06	0.00E+00	4.64E-07	4.64E-07	4.64E-07	1.11E-04	0.00E+00	1.75E-05	0.00E+00	4.64E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
1410	ALL	653650	4188279	NonCancer	0.00E+00	5.63E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	8.80E-05	0.00E+00	1.41E-05	0.00E+00	3.73E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
1411	ALL	653626.5	4188268	NonCancer	0.00E+00	6.29E-06	0.00E+00	4.17E-07	4.17E-07	4.17E-07	9.79E-05	0.00E+00	1.57E-05	0.00E+00	4.17E-07	2.46E-04	0.00E+00	0.00E+00	2.46E-04
1412	ALL	653603	4188258	NonCancer	0.00E+00	6.95E-06	0.00E+00	4.61E-07	4.61E-07	4.61E-07	1.09E-04	0.00E+00	1.74E-05	0.00E+00	4.61E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
1413	ALL	653579.4	4188247	NonCancer	0.00E+00	7.56E-06	0.00E+00	5.01E-07	5.01E-07	5.01E-07	1.21E-04	0.00E+00	1.89E-05	0.00E+00	5.01E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
1414	ALL	653555.9	4188236	NonCancer	0.00E+00	8.10E-06	0.00E+00	5.37E-07	5.37E-07	5.37E-07	1.31E-04	0.00E+00	2.03E-05	0.00E+00	5.37E-07	3.20E-04	0.00E+00	0.00E+00	3.20E-04
1415	ALL	653532.4	4188225	NonCancer	0.00E+00	8.55E-06	0.00E+00	5.67E-07	5.67E-07	5.67E-07	1.39E-04	0.00E+00	2.14E-05	0.00E+00	5.67E-07	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1416	ALL	653508.9	4188214	NonCancer	0.00E+00	8.72E-06	0.00E+00	5.78E-07	5.78E-07	5.78E-07	1.43E-04	0.00E+00	2.18E-05	0.00E+00	5.78E-07	3.46E-04	0.00E+00	0.00E+00	3.46E-04
1417	ALL	653675	4188286	NonCancer	0.00E+00	5.18E-06	0.00E+00	3.44E-07	3.44E-07	3.44E-07	8.17E-05	0.00E+00	1.29E-05	0.00E+00	3.44E-07	2.03E-04	0.00E+00	0.00E+00	2.03E-04
1418	ALL	653643.6	4188329	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	6.72E-05	0.00E+00	1.08E-05	0.00E+00	2.86E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
1419	ALL	653619.5	4188318	NonCancer	0.00E+00	4.76E-06	0.00E+00	3.16E-07	3.16E-07	3.16E-07	7.38E-05	0.00E+00	1.19E-05	0.00E+00	3.16E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
1420	ALL	653595.5	4188307	NonCancer	0.00E+00	5.24E-06	0.00E+00	3.47E-07	3.47E-07	3.47E-07	8.14E-05	0.00E+00	1.31E-05	0.00E+00	3.47E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
1421	ALL	653571.5	4188296	NonCancer	0.00E+00	5.69E-06	0.00E+00	3.77E-07	3.77E-07	3.77E-07	8.93E-05	0.00E+00	1.42E-05	0.00E+00	3.77E-07	2.23E-04	0.00E+00	0.00E+00	2.23E-04
1422	ALL	653547.5	4188285	NonCancer	0.00E+00	6.09E-06	0.00E+00	4.04E-07	4.04E-07	4.04E-07	9.69E-05	0.00E+00	1.52E-05	0.00E+00	4.04E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
1423	ALL	653523.5	4188274	NonCancer	0.00E+00	6.46E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	1.04E-04	0.00E+00	1.61E-05	0.00E+00	4.28E-07	2.55E-04	0.00E+00	0.00E+00	2.55E-04
1424	ALL	653499.5	4188262	NonCancer	0.00E+00	6.76E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	1.09E-04	0.00E+00	1.69E-05	0.00E+00	4.48E-07	2.67E-04	0.00E+00	0.00E+00	2.67E-04
1425	ALL	653475.5	4188251	NonCancer	0.00E+00	6.88E-06	0.00E+00	4.56E-07	4.56E-07	4.56E-07	1.11E-04	0.00E+00	1.72E-05	0.00E+00	4.56E-07	2.71E-04	0.00E+00	0.00E+00	2.71E-04
1426	ALL	653668.8	4188336	NonCancer	0.00E+00	4.02E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	6.31E-05	0.00E+00	1.00E-05	0.00E+00	2.67E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
1427	ALL	653631.4	4188428	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.33E-05	0.00E+00	6.96E-06	0.00E+00	1.85E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
1428	ALL	653607.9	4188417	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.64E-05	0.00E+00	7.51E-06	0.00E+00	2.00E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
1429	ALL	653584.3	4188406	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.16E-07	2.16E-07	2.16E-07	5.00E-05	0.00E+00	8.11E-06	0.00E+00	2.16E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
1430	ALL	653560.8	4188396	NonCancer	0.00E+00	3.50E-06	0.00E+00	2.32E-07	2.32E-07	2.32E-07	5.40E-05	0.00E+00	8.74E-06	0.00E+00	2.32E-07	1.36E-04	0.00E+00	0.00E+00	1.36E-04
1431	ALL	653537.3	4188385	NonCancer	0.00E+00	3.75E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.80E-05	0.00E+00	9.34E-06	0.00E+00	2.48E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
1432	ALL	653513.8	4188374	NonCancer	0.00E+00	3.96E-06	0.00E+00	2.63E-07	2.63E-07	2.63E-07	6.19E-05	0.00E+00	9.88E-06	0.00E+00	2.63E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
1433	ALL	653490.3	4188363	NonCancer	0.00E+00	4.16E-06	0.00E+00	2.76E-07	2.76E-07	2.76E-07	6.54E-05	0.00E+00	1.04E-05	0.00E+00	2.76E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
1434	ALL	653466.7	4188352	NonCancer	0.00E+00	4.35E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	6.87E-05	0.00E+00	1.09E-05	0.00E+00	2.88E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
1435	ALL	653443.2	4188341	NonCancer	0.00E+00	4.52E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	7.14E-05	0.00E+00	1.13E-05	0.00E+00	3.00E-07	1.77E-04	0.00E+00	0.00E+00	1.77E-04
1436	ALL	653419.7	4188331	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	7.30E-05	0.00E+00	1.16E-05	0.00E+00	3.07E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
1437	ALL	653656.4	4188435	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	4.14E-05	0.00E+00	6.62E-06	0.00E+00	1.76E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
1438	ALL	653618.6	4188527	NonCancer	0.00E+00	1.98E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	3.07E-05	0.00E+00	4.93E-06	0.00E+00	1.31E-07	7.72E-05	0.00E+00	0.00E+00	7.72E-05
1439	ALL	653594.5	4188516	NonCancer	0.00E+00	2.10E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.24E-05	0.00E+00	5.25E-06	0.00E+00	1.40E-07	8.20E-05	0.00E+00	0.00E+00	8.20E-05
1440	ALL	653570.3	4188505	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.45E-05	0.00E+00	5.61E-06	0.00E+00	1.49E-07	8.76E-05	0.00E+00	0.00E+00	8.76E-05
1441	ALL	653546.2	4188494	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.68E-05	0.00E+00	5.99E-06	0.00E+00	1.59E-07	9.35E-05	0.00E+00	0.00E+00	9.35E-05
1442	ALL	653522	4188483	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.92E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.95E-05	0.00E+00	0.00E+00	9.95E-05
1443	ALL	653497.9	4188472	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	4.17E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
1444	ALL	653473.8	4188460	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.40E-05	0.00E+00	7.09E-06	0.00E+00	1.88E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
1445	ALL	653449.6	4188449	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.61E-05	0.00E+00	7.39E-06	0.00E+00	1.96E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
1446	ALL	653425.5	4188438	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.82E-05	0.00E+00	7.69E-06	0.00E+00	2.04E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
1447	ALL	653401.3	4188427	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	5.01E-05	0.00E+00	7.99E-06	0.00E+00	2.12E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
1448	ALL	653377.2	4188416	NonCancer	0.00E+00	3.31E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	5.15E-05	0.00E+00	8.25E-06	0.00E+00	2.19E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
1449	ALL	653353	4188405	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	5.24E-05	0.00E+00	8.41E-06	0.00E+00	2.23E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04

1450	ALL	653644	4188534	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.96E-05	0.00E+00	4.75E-06	0.00E+00	1.26E-07	7.43E-05	0.00E+00	0.00E+00	7.43E-05
1451	ALL	653606.4	4188626	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.85E-08	9.85E-08	9.85E-08	2.31E-05	0.00E+00	3.71E-06	0.00E+00	9.85E-08	5.80E-05	0.00E+00	0.00E+00	5.80E-05
1452	ALL	653582.6	4188616	NonCancer	0.00E+00	1.56E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.41E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	6.09E-05	0.00E+00	0.00E+00	6.09E-05
1453	ALL	653558.8	4188605	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.53E-05	0.00E+00	4.12E-06	0.00E+00	1.10E-07	6.43E-05	0.00E+00	0.00E+00	6.43E-05
1454	ALL	653535.1	4188594	NonCancer	0.00E+00	1.75E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.67E-05	0.00E+00	4.36E-06	0.00E+00	1.16E-07	6.80E-05	0.00E+00	0.00E+00	6.80E-05
1455	ALL	653511.3	4188583	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.82E-05	0.00E+00	4.60E-06	0.00E+00	1.22E-07	7.18E-05	0.00E+00	0.00E+00	7.18E-05
1456	ALL	653487.5	4188572	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.98E-05	0.00E+00	4.86E-06	0.00E+00	1.29E-07	7.57E-05	0.00E+00	0.00E+00	7.57E-05
1457	ALL	653463.7	4188561	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.13E-05	0.00E+00	5.10E-06	0.00E+00	1.36E-07	7.95E-05	0.00E+00	0.00E+00	7.95E-05
1458	ALL	653439.9	4188550	NonCancer	0.00E+00	2.14E-06	0.00E+00	1.42E-07	1.42E-07	1.42E-07	3.28E-05	0.00E+00	5.33E-06	0.00E+00	1.42E-07	8.31E-05	0.00E+00	0.00E+00	8.31E-05
1459	ALL	653416.1	4188539	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.42E-05	0.00E+00	5.52E-06	0.00E+00	1.47E-07	8.63E-05	0.00E+00	0.00E+00	8.63E-05
1460	ALL	653392.4	4188528	NonCancer	0.00E+00	2.29E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.55E-05	0.00E+00	5.71E-06	0.00E+00	1.52E-07	8.93E-05	0.00E+00	0.00E+00	8.93E-05
1461	ALL	653368.6	4188517	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.68E-05	0.00E+00	5.90E-06	0.00E+00	1.57E-07	9.24E-05	0.00E+00	0.00E+00	9.24E-05
1462	ALL	653344.8	4188506	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.80E-05	0.00E+00	6.10E-06	0.00E+00	1.62E-07	9.54E-05	0.00E+00	0.00E+00	9.54E-05
1463	ALL	653321	4188495	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.90E-05	0.00E+00	6.28E-06	0.00E+00	1.67E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
1464	ALL	653297.2	4188484	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.97E-05	0.00E+00	6.41E-06	0.00E+00	1.70E-07	1.00E-04	0.00E+00	0.00E+00	1.00E-04
1465	ALL	653273.5	4188473	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	4.00E-05	0.00E+00	6.46E-06	0.00E+00	1.72E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
1466	ALL	653631.6	4188634	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.57E-08	9.57E-08	9.57E-08	2.24E-05	0.00E+00	3.60E-06	0.00E+00	9.57E-08	5.64E-05	0.00E+00	0.00E+00	5.64E-05
1467	ALL	653593.8	4188726	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.73E-08	7.73E-08	7.73E-08	1.81E-05	0.00E+00	2.91E-06	0.00E+00	7.73E-08	4.56E-05	0.00E+00	0.00E+00	4.56E-05
1468	ALL	653569.6	4188714	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.07E-08	8.07E-08	8.07E-08	1.88E-05	0.00E+00	3.04E-06	0.00E+00	8.07E-08	4.75E-05	0.00E+00	0.00E+00	4.75E-05
1469	ALL	653545.3	4188703	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.49E-08	8.49E-08	8.49E-08	1.96E-05	0.00E+00	3.19E-06	0.00E+00	8.49E-08	4.98E-05	0.00E+00	0.00E+00	4.98E-05
1470	ALL	653521.1	4188692	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.93E-08	8.93E-08	8.93E-08	2.06E-05	0.00E+00	3.36E-06	0.00E+00	8.93E-08	5.23E-05	0.00E+00	0.00E+00	5.23E-05
1471	ALL	653496.9	4188681	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.38E-08	9.38E-08	9.38E-08	2.16E-05	0.00E+00	3.53E-06	0.00E+00	9.38E-08	5.49E-05	0.00E+00	0.00E+00	5.49E-05
1472	ALL	653472.7	4188670	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.83E-08	9.83E-08	9.83E-08	2.26E-05	0.00E+00	3.70E-06	0.00E+00	9.83E-08	5.76E-05	0.00E+00	0.00E+00	5.76E-05
1473	ALL	653448.5	4188659	NonCancer	0.00E+00	1.55E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.37E-05	0.00E+00	3.88E-06	0.00E+00	1.03E-07	6.04E-05	0.00E+00	0.00E+00	6.04E-05
1474	ALL	653424.3	4188648	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.48E-05	0.00E+00	4.05E-06	0.00E+00	1.08E-07	6.31E-05	0.00E+00	0.00E+00	6.31E-05
1475	ALL	653400.1	4188636	NonCancer	0.00E+00	1.69E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.58E-05	0.00E+00	4.21E-06	0.00E+00	1.12E-07	6.56E-05	0.00E+00	0.00E+00	6.56E-05
1476	ALL	653375.9	4188625	NonCancer	0.00E+00	1.74E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.68E-05	0.00E+00	4.35E-06	0.00E+00	1.16E-07	6.78E-05	0.00E+00	0.00E+00	6.78E-05
1477	ALL	653351.6	4188614	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.77E-05	0.00E+00	4.47E-06	0.00E+00	1.19E-07	6.99E-05	0.00E+00	0.00E+00	6.99E-05
1478	ALL	653327.4	4188603	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.86E-05	0.00E+00	4.61E-06	0.00E+00	1.22E-07	7.21E-05	0.00E+00	0.00E+00	7.21E-05
1479	ALL	653303.2	4188592	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.95E-05	0.00E+00	4.75E-06	0.00E+00	1.26E-07	7.43E-05	0.00E+00	0.00E+00	7.43E-05
1480	ALL	653279	4188581	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	3.03E-05	0.00E+00	4.89E-06	0.00E+00	1.30E-07	7.64E-05	0.00E+00	0.00E+00	7.64E-05
1481	ALL	653254.8	4188570	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.10E-05	0.00E+00	5.01E-06	0.00E+00	1.33E-07	7.83E-05	0.00E+00	0.00E+00	7.83E-05
1482	ALL	653230.6	4188558	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.14E-05	0.00E+00	5.10E-06	0.00E+00	1.36E-07	7.96E-05	0.00E+00	0.00E+00	7.96E-05
1483	ALL	653206.4	4188547	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.16E-05	0.00E+00	5.14E-06	0.00E+00	1.37E-07	8.01E-05	0.00E+00	0.00E+00	8.01E-05
1484	ALL	653619.1	4188733	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.56E-08	7.56E-08	7.56E-08	1.77E-05	0.00E+00	2.84E-06	0.00E+00	7.56E-08	4.45E-05	0.00E+00	0.00E+00	4.45E-05
1485	ALL	653581.5	4188825	NonCancer	0.00E+00	9.44E-07	0.00E+00	6.26E-08	6.26E-08	6.26E-08	1.46E-05	0.00E+00	2.36E-06	0.00E+00	6.26E-08	3.69E-05	0.00E+00	0.00E+00	3.69E-05
1486	ALL	653557.6	4188814	NonCancer	0.00E+00	9.78E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.51E-05	0.00E+00	2.44E-06	0.00E+00	6.49E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
1487	ALL	653533.6	4188803	NonCancer	0.00E+00	1.02E-06	0.00E+00	6.77E-08	6.77E-08	6.77E-08	1.57E-05	0.00E+00	2.55E-06	0.00E+00	6.77E-08	3.98E-05	0.00E+00	0.00E+00	3.98E-05
1488	ALL	653509.7	4188792	NonCancer	0.00E+00	1.07E-06	0.00E+00	7.09E-08	7.09E-08	7.09E-08	1.63E-05	0.00E+00	2.67E-06	0.00E+00	7.09E-08	4.15E-05	0.00E+00	0.00E+00	4.15E-05
1489	ALL	653485.8	4188781	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.41E-08	7.41E-08	7.41E-08	1.70E-05	0.00E+00	2.78E-06	0.00E+00	7.41E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05
1490	ALL	653461.9	4188770	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.72E-08	7.72E-08	7.72E-08	1.78E-05	0.00E+00	2.90E-06	0.00E+00	7.72E-08	4.52E-05	0.00E+00	0.00E+00	4.52E-05
1491	ALL	653438	4188759	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.05E-08	8.05E-08	8.05E-08	1.85E-05	0.00E+00	3.02E-06	0.00E+00	8.05E-08	4.71E-05	0.00E+00	0.00E+00	4.71E-05
1492	ALL	653414	4188748	NonCancer	0.00E+00	1.27E-06	0.00E+00	8.39E-08	8.39E-08	8.39E-08	1.93E-05	0.00E+00	3.15E-06	0.00E+00	8.39E-08	4.91E-05	0.00E+00	0.00E+00	4.91E-05
1493	ALL	653390.1	4188737	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.74E-08	8.74E-08	8.74E-08	2.01E-05	0.00E+00	3.28E-06	0.00E+00	8.74E-08	5.11E-05	0.00E+00	0.00E+00	5.11E-05
1494	ALL	653366.2	4188726	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.05E-08	9.05E-08	9.05E-08	2.08E-05	0.00E+00	3.40E-06	0.00E+00	9.05E-08	5.30E-05	0.00E+00	0.00E+00	5.30E-05
1495	ALL	653342.3	4188715	NonCancer	0.00E+00	1.40E-06	0.00E+00	9.32E-08	9.32E-08	9.32E-08	2.15E-05	0.00E+00	3.50E-06	0.00E+00	9.32E-08	5.46E-05	0.00E+00	0.00E+00	5.46E-05
1496	ALL	653318.3	4188704	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.55E-08	9.55E-08	9.55E-08	2.21E-05	0.00E+00	3.59E-06	0.00E+00	9.55E-08	5.61E-05	0.00E+00	0.00E+00	5.61E-05
1497	ALL	653294.4	4188693	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.79E-08	9.79E-08	9.79E-08	2.28E-05	0.00E+00	3.68E-06	0.00E+00	9.79E-08	5.75E-05	0.00E+00	0.00E+00	5.75E-05
1498	ALL	653270.5	4188682	NonCancer	0.00E+00	1.51E-06	0.00E+00	1.00E-07	1.00E-07	1.00E-07	2.34E-05	0.00E+00	3.78E-06	0.00E+00	1.00E-07	5.91E-05	0.00E+00	0.00E+00	5.91E-05
1499	ALL	653246.6	4188671	NonCancer	0.00E+00	1.55E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.40E-05	0.00E+00	3.88E-06	0.00E+00	1.03E-07	6.06E-05	0.00E+00	0.00E+00	6.06E-05

1500	ALL	653222.6	4188660	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.46E-05	0.00E+00	3.98E-06	0.00E+00	1.06E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
1501	ALL	653198.7	4188649	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.51E-05	0.00E+00	4.08E-06	0.00E+00	1.08E-07	6.36E-05	0.00E+00	0.00E+00	6.36E-05
1502	ALL	653174.8	4188638	NonCancer	0.00E+00	1.67E-06	0.00E+00	1.11E-07	1.11E-07	1.11E-07	2.55E-05	0.00E+00	4.15E-06	0.00E+00	1.11E-07	6.47E-05	0.00E+00	0.00E+00	6.47E-05
1503	ALL	653150.9	4188627	NonCancer	0.00E+00	1.68E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.57E-05	0.00E+00	4.20E-06	0.00E+00	1.12E-07	6.54E-05	0.00E+00	0.00E+00	6.54E-05
1504	ALL	653606.7	4188832	NonCancer	0.00E+00	9.27E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.44E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.62E-05	0.00E+00	0.00E+00	3.62E-05
1505	ALL	653550.3	4189073	NonCancer	0.00E+00	6.13E-07	0.00E+00	4.06E-08	4.06E-08	4.06E-08	9.50E-06	0.00E+00	1.53E-06	0.00E+00	4.06E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
1506	ALL	653526.2	4189062	NonCancer	0.00E+00	6.27E-07	0.00E+00	4.16E-08	4.16E-08	4.16E-08	9.71E-06	0.00E+00	1.57E-06	0.00E+00	4.16E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
1507	ALL	653502	4189051	NonCancer	0.00E+00	6.48E-07	0.00E+00	4.30E-08	4.30E-08	4.30E-08	9.97E-06	0.00E+00	1.62E-06	0.00E+00	4.30E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
1508	ALL	653477.9	4189040	NonCancer	0.00E+00	6.72E-07	0.00E+00	4.45E-08	4.45E-08	4.45E-08	1.03E-05	0.00E+00	1.67E-06	0.00E+00	4.45E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
1509	ALL	653453.7	4189028	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.06E-05	0.00E+00	1.74E-06	0.00E+00	4.62E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
1510	ALL	653429.6	4189017	NonCancer	0.00E+00	7.22E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.10E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
1511	ALL	653405.4	4189006	NonCancer	0.00E+00	7.45E-07	0.00E+00	4.94E-08	4.94E-08	4.94E-08	1.13E-05	0.00E+00	1.86E-06	0.00E+00	4.94E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
1512	ALL	653381.3	4188995	NonCancer	0.00E+00	7.69E-07	0.00E+00	5.10E-08	5.10E-08	5.10E-08	1.17E-05	0.00E+00	1.92E-06	0.00E+00	5.10E-08	2.99E-05	0.00E+00	0.00E+00	2.99E-05
1513	ALL	653357.1	4188984	NonCancer	0.00E+00	7.93E-07	0.00E+00	5.26E-08	5.26E-08	5.26E-08	1.21E-05	0.00E+00	1.98E-06	0.00E+00	5.26E-08	3.08E-05	0.00E+00	0.00E+00	3.08E-05
1514	ALL	653333	4188973	NonCancer	0.00E+00	8.20E-07	0.00E+00	5.44E-08	5.44E-08	5.44E-08	1.25E-05	0.00E+00	2.05E-06	0.00E+00	5.44E-08	3.19E-05	0.00E+00	0.00E+00	3.19E-05
1515	ALL	653308.8	4188962	NonCancer	0.00E+00	8.49E-07	0.00E+00	5.63E-08	5.63E-08	5.63E-08	1.29E-05	0.00E+00	2.12E-06	0.00E+00	5.63E-08	3.29E-05	0.00E+00	0.00E+00	3.29E-05
1516	ALL	653284.7	4188951	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.33E-05	0.00E+00	2.18E-06	0.00E+00	5.81E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
1517	ALL	653260.5	4188940	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.97E-08	5.97E-08	5.97E-08	1.37E-05	0.00E+00	2.25E-06	0.00E+00	5.97E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
1518	ALL	653236.4	4188928	NonCancer	0.00E+00	9.21E-07	0.00E+00	6.11E-08	6.11E-08	6.11E-08	1.40E-05	0.00E+00	2.30E-06	0.00E+00	6.11E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
1519	ALL	653212.2	4188917	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.43E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
1520	ALL	653188.1	4188906	NonCancer	0.00E+00	9.56E-07	0.00E+00	6.34E-08	6.34E-08	6.34E-08	1.47E-05	0.00E+00	2.38E-06	0.00E+00	6.34E-08	3.72E-05	0.00E+00	0.00E+00	3.72E-05
1521	ALL	653164	4188895	NonCancer	0.00E+00	9.73E-07	0.00E+00	6.46E-08	6.46E-08	6.46E-08	1.50E-05	0.00E+00	2.43E-06	0.00E+00	6.46E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
1522	ALL	653139.8	4188884	NonCancer	0.00E+00	9.93E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.53E-05	0.00E+00	2.48E-06	0.00E+00	6.59E-08	3.87E-05	0.00E+00	0.00E+00	3.87E-05
1523	ALL	653115.7	4188873	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.73E-08	6.73E-08	6.73E-08	1.56E-05	0.00E+00	2.53E-06	0.00E+00	6.73E-08	3.95E-05	0.00E+00	0.00E+00	3.95E-05
1524	ALL	653091.5	4188862	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.88E-08	6.88E-08	6.88E-08	1.59E-05	0.00E+00	2.59E-06	0.00E+00	6.88E-08	4.04E-05	0.00E+00	0.00E+00	4.04E-05
1525	ALL	653067.4	4188851	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.03E-08	7.03E-08	7.03E-08	1.62E-05	0.00E+00	2.64E-06	0.00E+00	7.03E-08	4.12E-05	0.00E+00	0.00E+00	4.12E-05
1526	ALL	653043.2	4188839	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.16E-08	7.16E-08	7.16E-08	1.65E-05	0.00E+00	2.69E-06	0.00E+00	7.16E-08	4.19E-05	0.00E+00	0.00E+00	4.19E-05
1527	ALL	653019.1	4188828	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.28E-08	7.28E-08	7.28E-08	1.67E-05	0.00E+00	2.73E-06	0.00E+00	7.28E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
1528	ALL	652994.9	4188817	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.36E-08	7.36E-08	7.36E-08	1.68E-05	0.00E+00	2.76E-06	0.00E+00	7.36E-08	4.30E-05	0.00E+00	0.00E+00	4.30E-05
1529	ALL	652970.8	4188806	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.39E-08	7.39E-08	7.39E-08	1.69E-05	0.00E+00	2.78E-06	0.00E+00	7.39E-08	4.32E-05	0.00E+00	0.00E+00	4.32E-05
1530	ALL	653575.7	4189080	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	9.37E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
1531	ALL	653519.4	4189321	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.75E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
1532	ALL	653495.5	4189310	NonCancer	0.00E+00	4.43E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.86E-06	0.00E+00	1.10E-06	0.00E+00	2.94E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
1533	ALL	653471.6	4189299	NonCancer	0.00E+00	4.53E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.99E-06	0.00E+00	1.13E-06	0.00E+00	3.00E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
1534	ALL	653447.7	4189288	NonCancer	0.00E+00	4.66E-07	0.00E+00	3.09E-08	3.09E-08	3.09E-08	7.15E-06	0.00E+00	1.16E-06	0.00E+00	3.09E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
1535	ALL	653423.8	4189277	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.33E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
1536	ALL	653399.9	4189266	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.52E-06	0.00E+00	1.24E-06	0.00E+00	3.29E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
1537	ALL	653376	4189255	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.39E-08	3.39E-08	3.39E-08	7.73E-06	0.00E+00	1.27E-06	0.00E+00	3.39E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
1538	ALL	653352.1	4189244	NonCancer	0.00E+00	5.24E-07	0.00E+00	3.48E-08	3.48E-08	3.48E-08	7.94E-06	0.00E+00	1.31E-06	0.00E+00	3.48E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
1539	ALL	653328.2	4189233	NonCancer	0.00E+00	5.37E-07	0.00E+00	3.56E-08	3.56E-08	3.56E-08	8.16E-06	0.00E+00	1.34E-06	0.00E+00	3.56E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1540	ALL	653304.3	4189222	NonCancer	0.00E+00	5.50E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.37E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
1541	ALL	653280.4	4189211	NonCancer	0.00E+00	5.64E-07	0.00E+00	3.74E-08	3.74E-08	3.74E-08	8.60E-06	0.00E+00	1.41E-06	0.00E+00	3.74E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
1542	ALL	653256.5	4189200	NonCancer	0.00E+00	5.79E-07	0.00E+00	3.84E-08	3.84E-08	3.84E-08	8.82E-06	0.00E+00	1.44E-06	0.00E+00	3.84E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
1543	ALL	653232.6	4189189	NonCancer	0.00E+00	5.96E-07	0.00E+00	3.95E-08	3.95E-08	3.95E-08	9.05E-06	0.00E+00	1.48E-06	0.00E+00	3.95E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
1544	ALL	653208.7	4189178	NonCancer	0.00E+00	6.13E-07	0.00E+00	4.06E-08	4.06E-08	4.06E-08	9.28E-06	0.00E+00	1.53E-06	0.00E+00	4.06E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
1545	ALL	653184.8	4189167	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.51E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.44E-05	0.00E+00	0.00E+00	2.44E-05
1546	ALL	653160.9	4189156	NonCancer	0.00E+00	6.44E-07	0.00E+00	4.27E-08	4.27E-08	4.27E-08	9.72E-06	0.00E+00	1.60E-06	0.00E+00	4.27E-08	2.49E-05	0.00E+00	0.00E+00	2.49E-05
1547	ALL	653137	4189145	NonCancer	0.00E+00	6.56E-07	0.00E+00	4.35E-08	4.35E-08	4.35E-08	9.92E-06	0.00E+00	1.64E-06	0.00E+00	4.35E-08	2.54E-05	0.00E+00	0.00E+00	2.54E-05
1548	ALL	653113.1	4189134	NonCancer	0.00E+00	6.66E-07	0.00E+00	4.42E-08	4.42E-08	4.42E-08	1.01E-05	0.00E+00	1.66E-06	0.00E+00	4.42E-08	2.58E-05	0.00E+00	0.00E+00	2.58E-05
1549	ALL	653089.2	4189123	NonCancer	0.00E+00	6.76E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	1.03E-05	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.62E-05	0.00E+00	0.00E+00	2.62E-05

1550	ALL	653065.3	4189112	NonCancer	0.00E+00	6.85E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	1.05E-05	0.00E+00	1.71E-06	0.00E+00	4.54E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
1551	ALL	653041.4	4189101	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.07E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.70E-05	0.00E+00	0.00E+00	2.70E-05
1552	ALL	653017.5	4189090	NonCancer	0.00E+00	7.06E-07	0.00E+00	4.68E-08	4.68E-08	4.68E-08	1.08E-05	0.00E+00	1.76E-06	0.00E+00	4.68E-08	2.75E-05	0.00E+00	0.00E+00	2.75E-05
1553	ALL	652993.6	4189079	NonCancer	0.00E+00	7.18E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.10E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.79E-05	0.00E+00	0.00E+00	2.79E-05
1554	ALL	652969.7	4189068	NonCancer	0.00E+00	7.31E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.12E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
1555	ALL	652945.8	4189057	NonCancer	0.00E+00	7.44E-07	0.00E+00	4.94E-08	4.94E-08	4.94E-08	1.14E-05	0.00E+00	1.86E-06	0.00E+00	4.94E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
1556	ALL	652921.9	4189046	NonCancer	0.00E+00	7.58E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.94E-05	0.00E+00	0.00E+00	2.94E-05
1557	ALL	652898	4189035	NonCancer	0.00E+00	7.70E-07	0.00E+00	5.11E-08	5.11E-08	5.11E-08	1.17E-05	0.00E+00	1.92E-06	0.00E+00	5.11E-08	2.99E-05	0.00E+00	0.00E+00	2.99E-05
1558	ALL	652874.1	4189024	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.19E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.03E-05	0.00E+00	0.00E+00	3.03E-05
1559	ALL	652850.2	4189013	NonCancer	0.00E+00	7.91E-07	0.00E+00	5.25E-08	5.25E-08	5.25E-08	1.20E-05	0.00E+00	1.97E-06	0.00E+00	5.25E-08	3.06E-05	0.00E+00	0.00E+00	3.06E-05
1560	ALL	652826.3	4189002	NonCancer	0.00E+00	7.98E-07	0.00E+00	5.29E-08	5.29E-08	5.29E-08	1.20E-05	0.00E+00	1.99E-06	0.00E+00	5.29E-08	3.09E-05	0.00E+00	0.00E+00	3.09E-05
1561	ALL	652802.4	4188991	NonCancer	0.00E+00	8.01E-07	0.00E+00	5.31E-08	5.31E-08	5.31E-08	1.21E-05	0.00E+00	2.00E-06	0.00E+00	5.31E-08	3.10E-05	0.00E+00	0.00E+00	3.10E-05
1562	ALL	653544.6	4189328	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.68E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
1563	ALL	653488.3	4189569	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	5.09E-06	0.00E+00	8.21E-07	0.00E+00	2.18E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
1564	ALL	653464.2	4189558	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.16E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
1565	ALL	653440.1	4189547	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.23E-06	0.00E+00	8.44E-07	0.00E+00	2.24E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
1566	ALL	653416.1	4189536	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.33E-06	0.00E+00	8.63E-07	0.00E+00	2.29E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
1567	ALL	653392	4189525	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.43E-06	0.00E+00	8.85E-07	0.00E+00	2.35E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
1568	ALL	653368	4189514	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.55E-06	0.00E+00	9.10E-07	0.00E+00	2.42E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
1569	ALL	653343.9	4189503	NonCancer	0.00E+00	3.75E-07	0.00E+00	2.49E-08	2.49E-08	2.49E-08	5.68E-06	0.00E+00	9.35E-07	0.00E+00	2.49E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
1570	ALL	653319.9	4189492	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.82E-06	0.00E+00	9.59E-07	0.00E+00	2.55E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
1571	ALL	653295.8	4189480	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.95E-06	0.00E+00	9.81E-07	0.00E+00	2.61E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
1572	ALL	653271.7	4189469	NonCancer	0.00E+00	4.02E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	6.09E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
1573	ALL	653247.7	4189458	NonCancer	0.00E+00	4.10E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.23E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
1574	ALL	653223.6	4189447	NonCancer	0.00E+00	4.18E-07	0.00E+00	2.77E-08	2.77E-08	2.77E-08	6.36E-06	0.00E+00	1.04E-06	0.00E+00	2.77E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
1575	ALL	653199.6	4189436	NonCancer	0.00E+00	4.26E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.51E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
1576	ALL	653175.5	4189425	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.65E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
1577	ALL	653151.4	4189414	NonCancer	0.00E+00	4.47E-07	0.00E+00	2.96E-08	2.96E-08	2.96E-08	6.80E-06	0.00E+00	1.11E-06	0.00E+00	2.96E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
1578	ALL	653127.4	4189403	NonCancer	0.00E+00	4.58E-07	0.00E+00	3.04E-08	3.04E-08	3.04E-08	6.95E-06	0.00E+00	1.14E-06	0.00E+00	3.04E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
1579	ALL	653103.3	4189392	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.10E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
1580	ALL	653079.3	4189381	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.24E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
1581	ALL	653055.2	4189370	NonCancer	0.00E+00	4.90E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.38E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
1582	ALL	653031.2	4189359	NonCancer	0.00E+00	4.98E-07	0.00E+00	3.30E-08	3.30E-08	3.30E-08	7.51E-06	0.00E+00	1.24E-06	0.00E+00	3.30E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
1583	ALL	653007.1	4189348	NonCancer	0.00E+00	5.04E-07	0.00E+00	3.34E-08	3.34E-08	3.34E-08	7.63E-06	0.00E+00	1.26E-06	0.00E+00	3.34E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
1584	ALL	652983	4189337	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.74E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
1585	ALL	652959	4189325	NonCancer	0.00E+00	5.15E-07	0.00E+00	3.42E-08	3.42E-08	3.42E-08	7.86E-06	0.00E+00	1.29E-06	0.00E+00	3.42E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
1586	ALL	652934.9	4189314	NonCancer	0.00E+00	5.21E-07	0.00E+00	3.46E-08	3.46E-08	3.46E-08	7.97E-06	0.00E+00	1.30E-06	0.00E+00	3.46E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
1587	ALL	652910.9	4189303	NonCancer	0.00E+00	5.28E-07	0.00E+00	3.50E-08	3.50E-08	3.50E-08	8.08E-06	0.00E+00	1.32E-06	0.00E+00	3.50E-08	2.05E-05	0.00E+00	0.00E+00	2.05E-05
1588	ALL	652886.8	4189292	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	8.19E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
1589	ALL	652862.8	4189281	NonCancer	0.00E+00	5.43E-07	0.00E+00	3.60E-08	3.60E-08	3.60E-08	8.31E-06	0.00E+00	1.35E-06	0.00E+00	3.60E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
1590	ALL	652838.7	4189270	NonCancer	0.00E+00	5.51E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.43E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
1591	ALL	652814.6	4189259	NonCancer	0.00E+00	5.60E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.55E-06	0.00E+00	1.40E-06	0.00E+00	3.71E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
1592	ALL	652790.6	4189248	NonCancer	0.00E+00	5.68E-07	0.00E+00	3.77E-08	3.77E-08	3.77E-08	8.67E-06	0.00E+00	1.42E-06	0.00E+00	3.77E-08	2.21E-05	0.00E+00	0.00E+00	2.21E-05
1593	ALL	652766.5	4189237	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.78E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
1594	ALL	652742.5	4189226	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.88E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
1595	ALL	652718.4	4189215	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.97E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
1596	ALL	652694.4	4189204	NonCancer	0.00E+00	6.00E-07	0.00E+00	3.98E-08	3.98E-08	3.98E-08	9.05E-06	0.00E+00	1.49E-06	0.00E+00	3.98E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
1597	ALL	652670.3	4189193	NonCancer	0.00E+00	6.05E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.10E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
1598	ALL	652646.2	4189181	NonCancer	0.00E+00	6.08E-07	0.00E+00	4.03E-08	4.03E-08	4.03E-08	9.14E-06	0.00E+00	1.51E-06	0.00E+00	4.03E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
1599	ALL	653513.5	4189576	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	5.06E-06	0.00E+00	8.19E-07	0.00E+00	2.18E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05

1600	ALL	653457.1	4189817	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	4.01E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
1601	ALL	653433	4189806	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	4.05E-06	0.00E+00	6.52E-07	0.00E+00	1.73E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
1602	ALL	653408.8	4189795	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	4.10E-06	0.00E+00	6.60E-07	0.00E+00	1.75E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
1603	ALL	653384.6	4189784	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.15E-06	0.00E+00	6.71E-07	0.00E+00	1.78E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1604	ALL	653360.4	4189773	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.22E-06	0.00E+00	6.86E-07	0.00E+00	1.82E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
1605	ALL	653336.3	4189761	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.30E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
1606	ALL	653312.1	4189750	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.38E-06	0.00E+00	7.20E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
1607	ALL	653287.9	4189739	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.47E-06	0.00E+00	7.38E-07	0.00E+00	1.96E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
1608	ALL	653263.8	4189728	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.57E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
1609	ALL	653239.6	4189717	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.66E-06	0.00E+00	7.70E-07	0.00E+00	2.05E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
1610	ALL	653215.4	4189706	NonCancer	0.00E+00	3.15E-07	0.00E+00	2.09E-08	2.09E-08	2.09E-08	4.75E-06	0.00E+00	7.84E-07	0.00E+00	2.09E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
1611	ALL	653191.2	4189695	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.85E-06	0.00E+00	7.97E-07	0.00E+00	2.12E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
1612	ALL	653167.1	4189684	NonCancer	0.00E+00	3.25E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.94E-06	0.00E+00	8.10E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1613	ALL	653142.9	4189672	NonCancer	0.00E+00	3.30E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	5.03E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
1614	ALL	653118.7	4189661	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.13E-06	0.00E+00	8.38E-07	0.00E+00	2.23E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
1615	ALL	653094.5	4189650	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.23E-06	0.00E+00	8.54E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
1616	ALL	653070.4	4189639	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.33E-06	0.00E+00	8.73E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
1617	ALL	653046.2	4189628	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.43E-06	0.00E+00	8.93E-07	0.00E+00	2.37E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
1618	ALL	653022	4189617	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.54E-06	0.00E+00	9.13E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
1619	ALL	652997.8	4189606	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.64E-06	0.00E+00	9.33E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
1620	ALL	652973.7	4189595	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.74E-06	0.00E+00	9.51E-07	0.00E+00	2.53E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
1621	ALL	652949.5	4189583	NonCancer	0.00E+00	3.88E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.83E-06	0.00E+00	9.67E-07	0.00E+00	2.57E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
1622	ALL	652925.3	4189572	NonCancer	0.00E+00	3.93E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.92E-06	0.00E+00	9.80E-07	0.00E+00	2.61E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
1623	ALL	652901.1	4189561	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	6.00E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
1624	ALL	652877	4189550	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	6.08E-06	0.00E+00	1.00E-06	0.00E+00	2.66E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
1625	ALL	652852.8	4189539	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
1626	ALL	652828.6	4189528	NonCancer	0.00E+00	4.09E-07	0.00E+00	2.71E-08	2.71E-08	2.71E-08	6.23E-06	0.00E+00	1.02E-06	0.00E+00	2.71E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
1627	ALL	652804.4	4189517	NonCancer	0.00E+00	4.13E-07	0.00E+00	2.74E-08	2.74E-08	2.74E-08	6.30E-06	0.00E+00	1.03E-06	0.00E+00	2.74E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
1628	ALL	652780.3	4189506	NonCancer	0.00E+00	4.17E-07	0.00E+00	2.77E-08	2.77E-08	2.77E-08	6.38E-06	0.00E+00	1.04E-06	0.00E+00	2.77E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
1629	ALL	652756.1	4189494	NonCancer	0.00E+00	4.22E-07	0.00E+00	2.80E-08	2.80E-08	2.80E-08	6.46E-06	0.00E+00	1.05E-06	0.00E+00	2.80E-08	1.64E-05	0.00E+00	0.00E+00	1.64E-05
1630	ALL	652731.9	4189483	NonCancer	0.00E+00	4.27E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.54E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
1631	ALL	652707.7	4189472	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.87E-08	2.87E-08	2.87E-08	6.62E-06	0.00E+00	1.08E-06	0.00E+00	2.87E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
1632	ALL	652683.6	4189461	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.70E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
1633	ALL	652659.4	4189450	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.78E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
1634	ALL	652635.2	4189439	NonCancer	0.00E+00	4.51E-07	0.00E+00	2.99E-08	2.99E-08	2.99E-08	6.86E-06	0.00E+00	1.12E-06	0.00E+00	2.99E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
1635	ALL	652611	4189428	NonCancer	0.00E+00	4.57E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.94E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
1636	ALL	652586.9	4189416	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	7.01E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
1637	ALL	652562.7	4189405	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.07E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
1638	ALL	652538.5	4189394	NonCancer	0.00E+00	4.73E-07	0.00E+00	3.14E-08	3.14E-08	3.14E-08	7.13E-06	0.00E+00	1.18E-06	0.00E+00	3.14E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
1639	ALL	652514.4	4189383	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.17E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
1640	ALL	652490.2	4189372	NonCancer	0.00E+00	4.80E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.20E-06	0.00E+00	1.20E-06	0.00E+00	3.18E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
1641	ALL	652466	4189361	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.22E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
1642	ALL	653482.5	4189824	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.99E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
1643	ALL	653395.1	4190313	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.71E-06	0.00E+00	4.38E-07	0.00E+00	1.16E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
1644	ALL	653371	4190302	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.72E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
1645	ALL	653346.9	4190291	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.75E-06	0.00E+00	4.42E-07	0.00E+00	1.17E-08	6.92E-06	0.00E+00	0.00E+00	6.92E-06
1646	ALL	653322.7	4190280	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.77E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
1647	ALL	653298.6	4190269	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.80E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
1648	ALL	653274.5	4190258	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.84E-06	0.00E+00	4.60E-07	0.00E+00	1.22E-08	7.19E-06	0.00E+00	0.00E+00	7.19E-06
1649	ALL	653250.4	4190247	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.88E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.32E-06	0.00E+00	0.00E+00	7.32E-06

1650	ALL	653226.3	4190236	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.92E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
1651	ALL	653202.2	4190224	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.97E-06	0.00E+00	4.90E-07	0.00E+00	1.30E-08	7.61E-06	0.00E+00	0.00E+00	7.61E-06
1652	ALL	653178.1	4190213	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.02E-06	0.00E+00	5.00E-07	0.00E+00	1.33E-08	7.76E-06	0.00E+00	0.00E+00	7.76E-06
1653	ALL	653154	4190202	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.07E-06	0.00E+00	5.09E-07	0.00E+00	1.36E-08	7.90E-06	0.00E+00	0.00E+00	7.90E-06
1654	ALL	653129.9	4190191	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.12E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.04E-06	0.00E+00	0.00E+00	8.04E-06
1655	ALL	653105.8	4190180	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.17E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.16E-06	0.00E+00	0.00E+00	8.16E-06
1656	ALL	653081.7	4190169	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.22E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.27E-06	0.00E+00	0.00E+00	8.27E-06
1657	ALL	653057.6	4190158	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.27E-06	0.00E+00	5.39E-07	0.00E+00	1.43E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
1658	ALL	653033.5	4190147	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.32E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
1659	ALL	653009.4	4190136	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.36E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06
1660	ALL	652985.2	4190125	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.41E-06	0.00E+00	5.58E-07	0.00E+00	1.48E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
1661	ALL	652961.1	4190113	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.46E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
1662	ALL	652937	4190102	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.51E-06	0.00E+00	5.73E-07	0.00E+00	1.52E-08	8.94E-06	0.00E+00	0.00E+00	8.94E-06
1663	ALL	652912.9	4190091	NonCancer	0.00E+00	2.34E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.56E-06	0.00E+00	5.83E-07	0.00E+00	1.55E-08	9.08E-06	0.00E+00	0.00E+00	9.08E-06
1664	ALL	652888.8	4190080	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.62E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.24E-06	0.00E+00	0.00E+00	9.24E-06
1665	ALL	652864.7	4190069	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.68E-06	0.00E+00	6.04E-07	0.00E+00	1.61E-08	9.40E-06	0.00E+00	0.00E+00	9.40E-06
1666	ALL	652840.6	4190058	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.73E-06	0.00E+00	6.16E-07	0.00E+00	1.64E-08	9.57E-06	0.00E+00	0.00E+00	9.57E-06
1667	ALL	652816.5	4190047	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.79E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
1668	ALL	652792.4	4190036	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.84E-06	0.00E+00	6.38E-07	0.00E+00	1.70E-08	9.89E-06	0.00E+00	0.00E+00	9.89E-06
1669	ALL	652768.3	4190025	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.90E-06	0.00E+00	6.48E-07	0.00E+00	1.72E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
1670	ALL	652744.2	4190014	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.95E-06	0.00E+00	6.56E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
1671	ALL	652720.1	4190003	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.99E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
1672	ALL	652696	4189991	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.04E-06	0.00E+00	6.69E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
1673	ALL	652671.9	4189980	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.08E-06	0.00E+00	6.74E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1674	ALL	652647.8	4189969	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.12E-06	0.00E+00	6.79E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
1675	ALL	652623.6	4189958	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.15E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
1676	ALL	652599.5	4189947	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.19E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
1677	ALL	652575.4	4189936	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.23E-06	0.00E+00	6.93E-07	0.00E+00	1.84E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
1678	ALL	652551.3	4189925	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.27E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
1679	ALL	652527.2	4189914	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.31E-06	0.00E+00	7.04E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
1680	ALL	652503.1	4189903	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.35E-06	0.00E+00	7.11E-07	0.00E+00	1.89E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
1681	ALL	652479	4189892	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.39E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
1682	ALL	652454.9	4189880	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.43E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
1683	ALL	652430.8	4189869	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.48E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
1684	ALL	652406.7	4189858	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.52E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
1685	ALL	652382.6	4189847	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.56E-06	0.00E+00	7.48E-07	0.00E+00	1.99E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
1686	ALL	652358.5	4189836	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.61E-06	0.00E+00	7.56E-07	0.00E+00	2.01E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
1687	ALL	652334.4	4189825	NonCancer	0.00E+00	3.07E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.65E-06	0.00E+00	7.64E-07	0.00E+00	2.03E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
1688	ALL	652310.3	4189814	NonCancer	0.00E+00	3.10E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.69E-06	0.00E+00	7.72E-07	0.00E+00	2.06E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
1689	ALL	652286.1	4189803	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.73E-06	0.00E+00	7.80E-07	0.00E+00	2.08E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
1690	ALL	652262	4189792	NonCancer	0.00E+00	3.16E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.77E-06	0.00E+00	7.88E-07	0.00E+00	2.10E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
1691	ALL	652237.9	4189781	NonCancer	0.00E+00	3.19E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.80E-06	0.00E+00	7.95E-07	0.00E+00	2.12E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
1692	ALL	652213.8	4189769	NonCancer	0.00E+00	3.22E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.83E-06	0.00E+00	8.01E-07	0.00E+00	2.13E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
1693	ALL	652189.7	4189758	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.86E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
1694	ALL	652165.6	4189747	NonCancer	0.00E+00	3.26E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.87E-06	0.00E+00	8.12E-07	0.00E+00	2.16E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1695	ALL	652141.5	4189736	NonCancer	0.00E+00	3.27E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.89E-06	0.00E+00	8.15E-07	0.00E+00	2.17E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
1696	ALL	653420.4	4190320	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
1697	ALL	653332.9	4190809	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.52E-09	8.52E-09	8.52E-09	1.98E-06	0.00E+00	3.21E-07	0.00E+00	8.52E-09	5.01E-06	0.00E+00	0.00E+00	5.01E-06
1698	ALL	653308.6	4190798	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.53E-09	8.53E-09	8.53E-09	1.99E-06	0.00E+00	3.21E-07	0.00E+00	8.53E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1699	ALL	653284.4	4190787	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.55E-09	8.55E-09	8.55E-09	2.00E-06	0.00E+00	3.22E-07	0.00E+00	8.55E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06

1700	ALL	653260.1	4190776	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.59E-09	8.59E-09	8.59E-09	2.01E-06	0.00E+00	3.23E-07	0.00E+00	8.59E-09	5.06E-06	0.00E+00	0.00E+00	5.06E-06
1701	ALL	653235.9	4190765	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.67E-09	8.67E-09	8.67E-09	2.02E-06	0.00E+00	3.26E-07	0.00E+00	8.67E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
1702	ALL	653211.6	4190754	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	2.04E-06	0.00E+00	3.30E-07	0.00E+00	8.77E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
1703	ALL	653187.4	4190742	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.07E-06	0.00E+00	3.35E-07	0.00E+00	8.90E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
1704	ALL	653163.1	4190731	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.05E-09	9.05E-09	9.05E-09	2.09E-06	0.00E+00	3.40E-07	0.00E+00	9.05E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
1705	ALL	653138.9	4190720	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.22E-09	9.22E-09	9.22E-09	2.12E-06	0.00E+00	3.47E-07	0.00E+00	9.22E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
1706	ALL	653114.6	4190709	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.15E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
1707	ALL	653090.4	4190698	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.58E-09	9.58E-09	9.58E-09	2.18E-06	0.00E+00	3.60E-07	0.00E+00	9.58E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
1708	ALL	653066.1	4190687	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.75E-09	9.75E-09	9.75E-09	2.21E-06	0.00E+00	3.66E-07	0.00E+00	9.75E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
1709	ALL	653041.9	4190675	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.91E-09	9.91E-09	9.91E-09	2.24E-06	0.00E+00	3.72E-07	0.00E+00	9.91E-09	5.77E-06	0.00E+00	0.00E+00	5.77E-06
1710	ALL	653017.6	4190664	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.27E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.86E-06	0.00E+00	0.00E+00	5.86E-06
1711	ALL	652993.4	4190653	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.30E-06	0.00E+00	3.83E-07	0.00E+00	1.02E-08	5.93E-06	0.00E+00	0.00E+00	5.93E-06
1712	ALL	652969.1	4190642	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
1713	ALL	652944.9	4190631	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.36E-06	0.00E+00	3.91E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
1714	ALL	652920.6	4190620	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.39E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.13E-06	0.00E+00	0.00E+00	6.13E-06
1715	ALL	652896.4	4190608	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.42E-06	0.00E+00	3.98E-07	0.00E+00	1.06E-08	6.19E-06	0.00E+00	0.00E+00	6.19E-06
1716	ALL	652872.1	4190597	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.44E-06	0.00E+00	4.01E-07	0.00E+00	1.07E-08	6.24E-06	0.00E+00	0.00E+00	6.24E-06
1717	ALL	652847.9	4190586	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.47E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
1718	ALL	652823.6	4190575	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.50E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.37E-06	0.00E+00	0.00E+00	6.37E-06
1719	ALL	652799.4	4190564	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.53E-06	0.00E+00	4.13E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
1720	ALL	652775.1	4190553	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.56E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.51E-06	0.00E+00	0.00E+00	6.51E-06
1721	ALL	652750.9	4190541	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.60E-06	0.00E+00	0.00E+00	6.60E-06
1722	ALL	652726.6	4190530	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
1723	ALL	652702.4	4190519	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.66E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.79E-06	0.00E+00	0.00E+00	6.79E-06
1724	ALL	652678.1	4190508	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
1725	ALL	652653.9	4190497	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
1726	ALL	652629.6	4190486	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
1727	ALL	652605.4	4190474	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.80E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.21E-06	0.00E+00	0.00E+00	7.21E-06
1728	ALL	652581.1	4190463	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.83E-06	0.00E+00	4.71E-07	0.00E+00	1.25E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
1729	ALL	652556.9	4190452	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.86E-06	0.00E+00	4.77E-07	0.00E+00	1.27E-08	7.39E-06	0.00E+00	0.00E+00	7.39E-06
1730	ALL	652532.6	4190441	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.82E-07	0.00E+00	1.28E-08	7.47E-06	0.00E+00	0.00E+00	7.47E-06
1731	ALL	652508.4	4190430	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.92E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
1732	ALL	652484.1	4190419	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.95E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.59E-06	0.00E+00	0.00E+00	7.59E-06
1733	ALL	652459.9	4190407	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.97E-06	0.00E+00	4.92E-07	0.00E+00	1.31E-08	7.64E-06	0.00E+00	0.00E+00	7.64E-06
1734	ALL	652435.6	4190396	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.99E-06	0.00E+00	4.95E-07	0.00E+00	1.32E-08	7.69E-06	0.00E+00	0.00E+00	7.69E-06
1735	ALL	652411.4	4190385	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.02E-06	0.00E+00	4.98E-07	0.00E+00	1.32E-08	7.73E-06	0.00E+00	0.00E+00	7.73E-06
1736	ALL	652387.1	4190374	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.04E-06	0.00E+00	5.00E-07	0.00E+00	1.33E-08	7.78E-06	0.00E+00	0.00E+00	7.78E-06
1737	ALL	652362.9	4190363	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.06E-06	0.00E+00	5.03E-07	0.00E+00	1.34E-08	7.82E-06	0.00E+00	0.00E+00	7.82E-06
1738	ALL	652338.6	4190352	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.08E-06	0.00E+00	5.05E-07	0.00E+00	1.34E-08	7.87E-06	0.00E+00	0.00E+00	7.87E-06
1739	ALL	652314.4	4190340	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.10E-06	0.00E+00	5.09E-07	0.00E+00	1.35E-08	7.92E-06	0.00E+00	0.00E+00	7.92E-06
1740	ALL	652290.1	4190329	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.13E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.98E-06	0.00E+00	0.00E+00	7.98E-06
1741	ALL	652265.9	4190318	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.15E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	8.04E-06	0.00E+00	0.00E+00	8.04E-06
1742	ALL	652241.6	4190307	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.18E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
1743	ALL	652217.4	4190296	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.20E-06	0.00E+00	5.24E-07	0.00E+00	1.39E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
1744	ALL	652193.1	4190285	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.23E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
1745	ALL	652168.9	4190274	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.25E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
1746	ALL	652144.6	4190262	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.28E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
1747	ALL	652120.4	4190251	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.31E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.45E-06	0.00E+00	0.00E+00	8.45E-06
1748	ALL	652096.1	4190240	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.33E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.52E-06	0.00E+00	0.00E+00	8.52E-06
1749	ALL	652071.9	4190229	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.36E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06

1750	ALL	652047.6	4190218	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.39E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.66E-06	0.00E+00	0.00E+00	8.66E-06
1751	ALL	652023.4	4190207	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.41E-06	0.00E+00	5.62E-07	0.00E+00	1.49E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
1752	ALL	651999.1	4190195	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.44E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
1753	ALL	651974.9	4190184	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.46E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.88E-06	0.00E+00	0.00E+00	8.88E-06
1754	ALL	651950.6	4190173	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.48E-06	0.00E+00	5.76E-07	0.00E+00	1.53E-08	8.95E-06	0.00E+00	0.00E+00	8.95E-06
1755	ALL	651926.4	4190162	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.51E-06	0.00E+00	5.81E-07	0.00E+00	1.55E-08	9.01E-06	0.00E+00	0.00E+00	9.01E-06
1756	ALL	651902.1	4190151	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.52E-06	0.00E+00	5.85E-07	0.00E+00	1.56E-08	9.07E-06	0.00E+00	0.00E+00	9.07E-06
1757	ALL	651877.9	4190140	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.54E-06	0.00E+00	5.89E-07	0.00E+00	1.57E-08	9.13E-06	0.00E+00	0.00E+00	9.13E-06
1758	ALL	651853.6	4190128	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.56E-06	0.00E+00	5.92E-07	0.00E+00	1.58E-08	9.18E-06	0.00E+00	0.00E+00	9.18E-06
1759	ALL	651829.4	4190117	NonCancer	0.00E+00	2.39E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.57E-06	0.00E+00	5.95E-07	0.00E+00	1.58E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
1760	ALL	651805.1	4190106	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.57E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.24E-06	0.00E+00	0.00E+00	9.24E-06
1761	ALL	653358.3	4190817	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.55E-09	8.55E-09	8.55E-09	1.97E-06	0.00E+00	3.22E-07	0.00E+00	8.55E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1762	ALL	653270.8	4191305	NonCancer	0.00E+00	9.91E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.52E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.86E-06	0.00E+00	0.00E+00	3.86E-06
1763	ALL	653246.6	4191294	NonCancer	0.00E+00	9.90E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.53E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.86E-06	0.00E+00	0.00E+00	3.86E-06
1764	ALL	653222.4	4191283	NonCancer	0.00E+00	9.90E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.53E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1765	ALL	653198.2	4191272	NonCancer	0.00E+00	9.93E-08	0.00E+00	6.58E-09	6.58E-09	6.58E-09	1.54E-06	0.00E+00	2.48E-07	0.00E+00	6.58E-09	3.88E-06	0.00E+00	0.00E+00	3.88E-06
1766	ALL	653174	4191261	NonCancer	0.00E+00	9.98E-08	0.00E+00	6.62E-09	6.62E-09	6.62E-09	1.55E-06	0.00E+00	2.49E-07	0.00E+00	6.62E-09	3.90E-06	0.00E+00	0.00E+00	3.90E-06
1767	ALL	653149.8	4191250	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.67E-09	6.67E-09	6.67E-09	1.56E-06	0.00E+00	2.51E-07	0.00E+00	6.67E-09	3.93E-06	0.00E+00	0.00E+00	3.93E-06
1768	ALL	653125.7	4191239	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.74E-09	6.74E-09	6.74E-09	1.57E-06	0.00E+00	2.53E-07	0.00E+00	6.74E-09	3.97E-06	0.00E+00	0.00E+00	3.97E-06
1769	ALL	653101.5	4191228	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.82E-09	6.82E-09	6.82E-09	1.58E-06	0.00E+00	2.57E-07	0.00E+00	6.82E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
1770	ALL	653077.3	4191216	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.92E-09	6.92E-09	6.92E-09	1.60E-06	0.00E+00	2.60E-07	0.00E+00	6.92E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
1771	ALL	653053.1	4191205	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.04E-09	7.04E-09	7.04E-09	1.62E-06	0.00E+00	2.65E-07	0.00E+00	7.04E-09	4.12E-06	0.00E+00	0.00E+00	4.12E-06
1772	ALL	653028.9	4191194	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.16E-09	7.16E-09	7.16E-09	1.64E-06	0.00E+00	2.69E-07	0.00E+00	7.16E-09	4.19E-06	0.00E+00	0.00E+00	4.19E-06
1773	ALL	653004.7	4191183	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.66E-06	0.00E+00	2.74E-07	0.00E+00	7.28E-09	4.25E-06	0.00E+00	0.00E+00	4.25E-06
1774	ALL	652980.5	4191172	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.40E-09	7.40E-09	7.40E-09	1.68E-06	0.00E+00	2.78E-07	0.00E+00	7.40E-09	4.32E-06	0.00E+00	0.00E+00	4.32E-06
1775	ALL	652956.3	4191161	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.52E-09	7.52E-09	7.52E-09	1.70E-06	0.00E+00	2.83E-07	0.00E+00	7.52E-09	4.38E-06	0.00E+00	0.00E+00	4.38E-06
1776	ALL	652932.1	4191150	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.63E-09	7.63E-09	7.63E-09	1.72E-06	0.00E+00	2.87E-07	0.00E+00	7.63E-09	4.44E-06	0.00E+00	0.00E+00	4.44E-06
1777	ALL	652907.9	4191138	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.74E-09	7.74E-09	7.74E-09	1.74E-06	0.00E+00	2.91E-07	0.00E+00	7.74E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
1778	ALL	652883.7	4191127	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.83E-09	7.83E-09	7.83E-09	1.76E-06	0.00E+00	2.94E-07	0.00E+00	7.83E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
1779	ALL	652859.6	4191116	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.91E-09	7.91E-09	7.91E-09	1.78E-06	0.00E+00	2.97E-07	0.00E+00	7.91E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
1780	ALL	652835.4	4191105	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.98E-09	7.98E-09	7.98E-09	1.80E-06	0.00E+00	3.00E-07	0.00E+00	7.98E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
1781	ALL	652811.2	4191094	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.04E-09	8.04E-09	8.04E-09	1.82E-06	0.00E+00	3.02E-07	0.00E+00	8.04E-09	4.69E-06	0.00E+00	0.00E+00	4.69E-06
1782	ALL	652787	4191083	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.09E-09	8.09E-09	8.09E-09	1.84E-06	0.00E+00	3.04E-07	0.00E+00	8.09E-09	4.72E-06	0.00E+00	0.00E+00	4.72E-06
1783	ALL	652762.8	4191072	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.14E-09	8.14E-09	8.14E-09	1.86E-06	0.00E+00	3.06E-07	0.00E+00	8.14E-09	4.76E-06	0.00E+00	0.00E+00	4.76E-06
1784	ALL	652738.6	4191060	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.19E-09	8.19E-09	8.19E-09	1.87E-06	0.00E+00	3.08E-07	0.00E+00	8.19E-09	4.79E-06	0.00E+00	0.00E+00	4.79E-06
1785	ALL	652714.4	4191049	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.24E-09	8.24E-09	8.24E-09	1.89E-06	0.00E+00	3.10E-07	0.00E+00	8.24E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
1786	ALL	652690.2	4191038	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.30E-09	8.30E-09	8.30E-09	1.91E-06	0.00E+00	3.12E-07	0.00E+00	8.30E-09	4.86E-06	0.00E+00	0.00E+00	4.86E-06
1787	ALL	652666	4191027	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.36E-09	8.36E-09	8.36E-09	1.92E-06	0.00E+00	3.14E-07	0.00E+00	8.36E-09	4.90E-06	0.00E+00	0.00E+00	4.90E-06
1788	ALL	652641.8	4191016	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.43E-09	8.43E-09	8.43E-09	1.94E-06	0.00E+00	3.17E-07	0.00E+00	8.43E-09	4.94E-06	0.00E+00	0.00E+00	4.94E-06
1789	ALL	652617.6	4191005	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.51E-09	8.51E-09	8.51E-09	1.96E-06	0.00E+00	3.20E-07	0.00E+00	8.51E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
1790	ALL	652593.4	4190994	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.60E-09	8.60E-09	8.60E-09	1.98E-06	0.00E+00	3.23E-07	0.00E+00	8.60E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
1791	ALL	652569.3	4190983	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.71E-09	8.71E-09	8.71E-09	2.00E-06	0.00E+00	3.27E-07	0.00E+00	8.71E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
1792	ALL	652545.1	4190971	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.82E-09	8.82E-09	8.82E-09	2.03E-06	0.00E+00	3.32E-07	0.00E+00	8.82E-09	5.17E-06	0.00E+00	0.00E+00	5.17E-06
1793	ALL	652520.9	4190960	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.94E-09	8.94E-09	8.94E-09	2.05E-06	0.00E+00	3.36E-07	0.00E+00	8.94E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
1794	ALL	652496.7	4190949	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.07E-09	9.07E-09	9.07E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.07E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
1795	ALL	652472.5	4190938	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.21E-09	9.21E-09	9.21E-09	2.10E-06	0.00E+00	3.46E-07	0.00E+00	9.21E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
1796	ALL	652448.3	4190927	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.34E-09	9.34E-09	9.34E-09	2.12E-06	0.00E+00	3.51E-07	0.00E+00	9.34E-09	5.45E-06	0.00E+00	0.00E+00	5.45E-06
1797	ALL	652424.1	4190916	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.47E-09	9.47E-09	9.47E-09	2.14E-06	0.00E+00	3.56E-07	0.00E+00	9.47E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
1798	ALL	652399.9	4190905	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.17E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
1799	ALL	652375.7	4190893	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.70E-09	9.70E-09	9.70E-09	2.19E-06	0.00E+00	3.64E-07	0.00E+00	9.70E-09	5.65E-06	0.00E+00	0.00E+00	5.65E-06

1800	ALL	652351.5	4190882	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.80E-09	9.80E-09	9.80E-09	2.21E-06	0.00E+00	3.68E-07	0.00E+00	9.80E-09	5.70E-06	0.00E+00	0.00E+00	5.70E-06
1801	ALL	652327.3	4190871	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.89E-09	9.89E-09	9.89E-09	2.23E-06	0.00E+00	3.71E-07	0.00E+00	9.89E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
1802	ALL	652303.2	4190860	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.96E-09	9.96E-09	9.96E-09	2.25E-06	0.00E+00	3.74E-07	0.00E+00	9.96E-09	5.80E-06	0.00E+00	0.00E+00	5.80E-06
1803	ALL	652279	4190849	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.26E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.84E-06	0.00E+00	0.00E+00	5.84E-06
1804	ALL	652254.8	4190838	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
1805	ALL	652230.6	4190827	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.80E-07	0.00E+00	1.01E-08	5.90E-06	0.00E+00	0.00E+00	5.90E-06
1806	ALL	652206.4	4190815	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.31E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.93E-06	0.00E+00	0.00E+00	5.93E-06
1807	ALL	652182.2	4190804	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.83E-07	0.00E+00	1.02E-08	5.95E-06	0.00E+00	0.00E+00	5.95E-06
1808	ALL	652158	4190793	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.33E-06	0.00E+00	3.85E-07	0.00E+00	1.02E-08	5.98E-06	0.00E+00	0.00E+00	5.98E-06
1809	ALL	652133.8	4190782	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.35E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	6.01E-06	0.00E+00	0.00E+00	6.01E-06
1810	ALL	652109.6	4190771	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
1811	ALL	652085.4	4190760	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.38E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
1812	ALL	652061.2	4190749	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.11E-06	0.00E+00	0.00E+00	6.11E-06
1813	ALL	652037	4190738	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.14E-06	0.00E+00	0.00E+00	6.14E-06
1814	ALL	652012.9	4190726	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.42E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.18E-06	0.00E+00	0.00E+00	6.18E-06
1815	ALL	651988.7	4190715	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.44E-06	0.00E+00	4.00E-07	0.00E+00	1.06E-08	6.22E-06	0.00E+00	0.00E+00	6.22E-06
1816	ALL	651964.5	4190704	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.45E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.27E-06	0.00E+00	0.00E+00	6.27E-06
1817	ALL	651940.3	4190693	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.47E-06	0.00E+00	4.05E-07	0.00E+00	1.08E-08	6.31E-06	0.00E+00	0.00E+00	6.31E-06
1818	ALL	651916.1	4190682	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.49E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.35E-06	0.00E+00	0.00E+00	6.35E-06
1819	ALL	651891.9	4190671	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.50E-06	0.00E+00	4.11E-07	0.00E+00	1.09E-08	6.40E-06	0.00E+00	0.00E+00	6.40E-06
1820	ALL	651867.7	4190660	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.45E-06	0.00E+00	0.00E+00	6.45E-06
1821	ALL	651843.5	4190648	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
1822	ALL	651819.3	4190637	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.54E-06	0.00E+00	0.00E+00	6.54E-06
1823	ALL	651795.1	4190626	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.58E-06	0.00E+00	0.00E+00	6.58E-06
1824	ALL	651770.9	4190615	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
1825	ALL	651746.8	4190604	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
1826	ALL	651722.6	4190593	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.62E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
1827	ALL	651698.4	4190582	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.64E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
1828	ALL	651674.2	4190570	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.66E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
1829	ALL	651650	4190559	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
1830	ALL	651625.8	4190548	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
1831	ALL	651601.6	4190537	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06
1832	ALL	651577.4	4190526	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.71E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
1833	ALL	651553.2	4190515	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.72E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
1834	ALL	651529	4190504	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.73E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
1835	ALL	651504.8	4190493	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.74E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
1836	ALL	651480.7	4190481	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
1837	ALL	651456.5	4190470	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.75E-06	0.00E+00	4.60E-07	0.00E+00	1.23E-08	7.12E-06	0.00E+00	0.00E+00	7.12E-06
1838	ALL	653296.2	4191313	NonCancer	0.00E+00	9.95E-08	0.00E+00	6.60E-09	6.60E-09	6.60E-09	1.52E-06	0.00E+00	2.48E-07	0.00E+00	6.60E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1839	ALL	653208.7	4191802	NonCancer	0.00E+00	7.94E-08	0.00E+00	5.26E-09	5.26E-09	5.26E-09	1.22E-06	0.00E+00	1.98E-07	0.00E+00	5.26E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1840	ALL	653184.6	4191791	NonCancer	0.00E+00	7.92E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.22E-06	0.00E+00	1.98E-07	0.00E+00	5.25E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1841	ALL	653160.4	4191779	NonCancer	0.00E+00	7.91E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.22E-06	0.00E+00	1.97E-07	0.00E+00	5.25E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1842	ALL	653136.3	4191768	NonCancer	0.00E+00	7.92E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.23E-06	0.00E+00	1.98E-07	0.00E+00	5.25E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
1843	ALL	653112.1	4191757	NonCancer	0.00E+00	7.94E-08	0.00E+00	5.26E-09	5.26E-09	5.26E-09	1.23E-06	0.00E+00	1.98E-07	0.00E+00	5.26E-09	3.10E-06	0.00E+00	0.00E+00	3.10E-06
1844	ALL	653088	4191746	NonCancer	0.00E+00	7.97E-08	0.00E+00	5.29E-09	5.29E-09	5.29E-09	1.24E-06	0.00E+00	1.99E-07	0.00E+00	5.29E-09	3.12E-06	0.00E+00	0.00E+00	3.12E-06
1845	ALL	653063.8	4191735	NonCancer	0.00E+00	8.03E-08	0.00E+00	5.32E-09	5.32E-09	5.32E-09	1.24E-06	0.00E+00	2.00E-07	0.00E+00	5.32E-09	3.14E-06	0.00E+00	0.00E+00	3.14E-06
1846	ALL	653039.7	4191724	NonCancer	0.00E+00	8.10E-08	0.00E+00	5.37E-09	5.37E-09	5.37E-09	1.25E-06	0.00E+00	2.02E-07	0.00E+00	5.37E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
1847	ALL	653015.5	4191713	NonCancer	0.00E+00	8.19E-08	0.00E+00	5.43E-09	5.43E-09	5.43E-09	1.26E-06	0.00E+00	2.04E-07	0.00E+00	5.43E-09	3.20E-06	0.00E+00	0.00E+00	3.20E-06
1848	ALL	652991.4	4191702	NonCancer	0.00E+00	8.30E-08	0.00E+00	5.50E-09	5.50E-09	5.50E-09	1.27E-06	0.00E+00	2.07E-07	0.00E+00	5.50E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
1849	ALL	652967.2	4191690	NonCancer	0.00E+00	8.42E-08	0.00E+00	5.58E-09	5.58E-09	5.58E-09	1.29E-06	0.00E+00	2.10E-07	0.00E+00	5.58E-09	3.27E-06	0.00E+00	0.00E+00	3.27E-06

1850	ALL	652943.1	4191679	NonCancer	0.00E+00	8.55E-08	0.00E+00	5.67E-09	5.67E-09	5.67E-09	1.30E-06	0.00E+00	2.13E-07	0.00E+00	5.67E-09	3.32E-06	0.00E+00	0.00E+00	3.32E-06
1851	ALL	652918.9	4191668	NonCancer	0.00E+00	8.68E-08	0.00E+00	5.76E-09	5.76E-09	5.76E-09	1.31E-06	0.00E+00	2.16E-07	0.00E+00	5.76E-09	3.37E-06	0.00E+00	0.00E+00	3.37E-06
1852	ALL	652894.8	4191657	NonCancer	0.00E+00	8.82E-08	0.00E+00	5.85E-09	5.85E-09	5.85E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.85E-09	3.41E-06	0.00E+00	0.00E+00	3.41E-06
1853	ALL	652870.6	4191646	NonCancer	0.00E+00	8.95E-08	0.00E+00	5.94E-09	5.94E-09	5.94E-09	1.34E-06	0.00E+00	2.23E-07	0.00E+00	5.94E-09	3.46E-06	0.00E+00	0.00E+00	3.46E-06
1854	ALL	652846.5	4191635	NonCancer	0.00E+00	9.08E-08	0.00E+00	6.02E-09	6.02E-09	6.02E-09	1.36E-06	0.00E+00	2.26E-07	0.00E+00	6.02E-09	3.51E-06	0.00E+00	0.00E+00	3.51E-06
1855	ALL	652822.4	4191624	NonCancer	0.00E+00	9.20E-08	0.00E+00	6.11E-09	6.11E-09	6.11E-09	1.37E-06	0.00E+00	2.29E-07	0.00E+00	6.11E-09	3.55E-06	0.00E+00	0.00E+00	3.55E-06
1856	ALL	652798.2	4191613	NonCancer	0.00E+00	9.32E-08	0.00E+00	6.18E-09	6.18E-09	6.18E-09	1.39E-06	0.00E+00	2.32E-07	0.00E+00	6.18E-09	3.59E-06	0.00E+00	0.00E+00	3.59E-06
1857	ALL	652774.1	4191602	NonCancer	0.00E+00	9.42E-08	0.00E+00	6.25E-09	6.25E-09	6.25E-09	1.40E-06	0.00E+00	2.35E-07	0.00E+00	6.25E-09	3.63E-06	0.00E+00	0.00E+00	3.63E-06
1858	ALL	652749.9	4191590	NonCancer	0.00E+00	9.51E-08	0.00E+00	6.31E-09	6.31E-09	6.31E-09	1.42E-06	0.00E+00	2.37E-07	0.00E+00	6.31E-09	3.67E-06	0.00E+00	0.00E+00	3.67E-06
1859	ALL	652725.8	4191579	NonCancer	0.00E+00	9.59E-08	0.00E+00	6.36E-09	6.36E-09	6.36E-09	1.43E-06	0.00E+00	2.39E-07	0.00E+00	6.36E-09	3.70E-06	0.00E+00	0.00E+00	3.70E-06
1860	ALL	652701.6	4191568	NonCancer	0.00E+00	9.65E-08	0.00E+00	6.40E-09	6.40E-09	6.40E-09	1.45E-06	0.00E+00	2.41E-07	0.00E+00	6.40E-09	3.73E-06	0.00E+00	0.00E+00	3.73E-06
1861	ALL	652677.5	4191557	NonCancer	0.00E+00	9.71E-08	0.00E+00	6.44E-09	6.44E-09	6.44E-09	1.46E-06	0.00E+00	2.42E-07	0.00E+00	6.44E-09	3.75E-06	0.00E+00	0.00E+00	3.75E-06
1862	ALL	652653.3	4191546	NonCancer	0.00E+00	9.77E-08	0.00E+00	6.48E-09	6.48E-09	6.48E-09	1.47E-06	0.00E+00	2.43E-07	0.00E+00	6.48E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
1863	ALL	652629.2	4191535	NonCancer	0.00E+00	9.81E-08	0.00E+00	6.51E-09	6.51E-09	6.51E-09	1.48E-06	0.00E+00	2.45E-07	0.00E+00	6.51E-09	3.80E-06	0.00E+00	0.00E+00	3.80E-06
1864	ALL	652605	4191524	NonCancer	0.00E+00	9.86E-08	0.00E+00	6.54E-09	6.54E-09	6.54E-09	1.49E-06	0.00E+00	2.46E-07	0.00E+00	6.54E-09	3.82E-06	0.00E+00	0.00E+00	3.82E-06
1865	ALL	652580.9	4191513	NonCancer	0.00E+00	9.90E-08	0.00E+00	6.57E-09	6.57E-09	6.57E-09	1.50E-06	0.00E+00	2.47E-07	0.00E+00	6.57E-09	3.84E-06	0.00E+00	0.00E+00	3.84E-06
1866	ALL	652556.7	4191501	NonCancer	0.00E+00	9.95E-08	0.00E+00	6.60E-09	6.60E-09	6.60E-09	1.51E-06	0.00E+00	2.48E-07	0.00E+00	6.60E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
1867	ALL	652532.6	4191490	NonCancer	0.00E+00	1.00E-07	0.00E+00	6.64E-09	6.64E-09	6.64E-09	1.53E-06	0.00E+00	2.50E-07	0.00E+00	6.64E-09	3.89E-06	0.00E+00	0.00E+00	3.89E-06
1868	ALL	652508.4	4191479	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.68E-09	6.68E-09	6.68E-09	1.54E-06	0.00E+00	2.51E-07	0.00E+00	6.68E-09	3.92E-06	0.00E+00	0.00E+00	3.92E-06
1869	ALL	652484.3	4191468	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.72E-09	6.72E-09	6.72E-09	1.55E-06	0.00E+00	2.53E-07	0.00E+00	6.72E-09	3.94E-06	0.00E+00	0.00E+00	3.94E-06
1870	ALL	652460.1	4191457	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.56E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
1871	ALL	652436	4191446	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.84E-09	6.84E-09	6.84E-09	1.58E-06	0.00E+00	2.57E-07	0.00E+00	6.84E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
1872	ALL	652411.8	4191435	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.91E-09	6.91E-09	6.91E-09	1.59E-06	0.00E+00	2.60E-07	0.00E+00	6.91E-09	4.05E-06	0.00E+00	0.00E+00	4.05E-06
1873	ALL	652387.7	4191424	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.98E-09	6.98E-09	6.98E-09	1.61E-06	0.00E+00	2.63E-07	0.00E+00	6.98E-09	4.09E-06	0.00E+00	0.00E+00	4.09E-06
1874	ALL	652363.5	4191413	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.07E-09	7.07E-09	7.07E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.07E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
1875	ALL	652339.4	4191401	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.16E-09	7.16E-09	7.16E-09	1.64E-06	0.00E+00	2.69E-07	0.00E+00	7.16E-09	4.19E-06	0.00E+00	0.00E+00	4.19E-06
1876	ALL	652315.2	4191390	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.25E-09	7.25E-09	7.25E-09	1.66E-06	0.00E+00	2.72E-07	0.00E+00	7.25E-09	4.24E-06	0.00E+00	0.00E+00	4.24E-06
1877	ALL	652291.1	4191379	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.34E-09	7.34E-09	7.34E-09	1.67E-06	0.00E+00	2.76E-07	0.00E+00	7.34E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
1878	ALL	652266.9	4191368	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.44E-09	7.44E-09	7.44E-09	1.69E-06	0.00E+00	2.79E-07	0.00E+00	7.44E-09	4.34E-06	0.00E+00	0.00E+00	4.34E-06
1879	ALL	652242.8	4191357	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.53E-09	7.53E-09	7.53E-09	1.71E-06	0.00E+00	2.83E-07	0.00E+00	7.53E-09	4.39E-06	0.00E+00	0.00E+00	4.39E-06
1880	ALL	652218.7	4191346	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.62E-09	7.62E-09	7.62E-09	1.72E-06	0.00E+00	2.86E-07	0.00E+00	7.62E-09	4.44E-06	0.00E+00	0.00E+00	4.44E-06
1881	ALL	652194.5	4191335	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.71E-09	7.71E-09	7.71E-09	1.74E-06	0.00E+00	2.89E-07	0.00E+00	7.71E-09	4.49E-06	0.00E+00	0.00E+00	4.49E-06
1882	ALL	652170.4	4191324	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.79E-09	7.79E-09	7.79E-09	1.75E-06	0.00E+00	2.92E-07	0.00E+00	7.79E-09	4.53E-06	0.00E+00	0.00E+00	4.53E-06
1883	ALL	652146.2	4191313	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.85E-09	7.85E-09	7.85E-09	1.77E-06	0.00E+00	2.95E-07	0.00E+00	7.85E-09	4.57E-06	0.00E+00	0.00E+00	4.57E-06
1884	ALL	652122.1	4191301	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.91E-09	7.91E-09	7.91E-09	1.78E-06	0.00E+00	2.97E-07	0.00E+00	7.91E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
1885	ALL	652097.9	4191290	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.97E-09	7.97E-09	7.97E-09	1.79E-06	0.00E+00	2.99E-07	0.00E+00	7.97E-09	4.63E-06	0.00E+00	0.00E+00	4.63E-06
1886	ALL	652073.8	4191279	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.01E-09	8.01E-09	8.01E-09	1.80E-06	0.00E+00	3.01E-07	0.00E+00	8.01E-09	4.66E-06	0.00E+00	0.00E+00	4.66E-06
1887	ALL	652049.6	4191268	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.05E-09	8.05E-09	8.05E-09	1.82E-06	0.00E+00	3.02E-07	0.00E+00	8.05E-09	4.68E-06	0.00E+00	0.00E+00	4.68E-06
1888	ALL	652025.5	4191257	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.08E-09	8.08E-09	8.08E-09	1.83E-06	0.00E+00	3.03E-07	0.00E+00	8.08E-09	4.70E-06	0.00E+00	0.00E+00	4.70E-06
1889	ALL	652001.3	4191246	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.10E-09	8.10E-09	8.10E-09	1.84E-06	0.00E+00	3.04E-07	0.00E+00	8.10E-09	4.72E-06	0.00E+00	0.00E+00	4.72E-06
1890	ALL	651977.2	4191235	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.13E-09	8.13E-09	8.13E-09	1.85E-06	0.00E+00	3.05E-07	0.00E+00	8.13E-09	4.74E-06	0.00E+00	0.00E+00	4.74E-06
1891	ALL	651953	4191224	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.15E-09	8.15E-09	8.15E-09	1.85E-06	0.00E+00	3.06E-07	0.00E+00	8.15E-09	4.76E-06	0.00E+00	0.00E+00	4.76E-06
1892	ALL	651928.9	4191212	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.18E-09	8.18E-09	8.18E-09	1.86E-06	0.00E+00	3.07E-07	0.00E+00	8.18E-09	4.78E-06	0.00E+00	0.00E+00	4.78E-06
1893	ALL	651904.7	4191201	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.21E-09	8.21E-09	8.21E-09	1.87E-06	0.00E+00	3.08E-07	0.00E+00	8.21E-09	4.80E-06	0.00E+00	0.00E+00	4.80E-06
1894	ALL	651880.6	4191190	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.24E-09	8.24E-09	8.24E-09	1.88E-06	0.00E+00	3.10E-07	0.00E+00	8.24E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
1895	ALL	651856.4	4191179	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.27E-09	8.27E-09	8.27E-09	1.89E-06	0.00E+00	3.11E-07	0.00E+00	8.27E-09	4.84E-06	0.00E+00	0.00E+00	4.84E-06
1896	ALL	651832.3	4191168	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.31E-09	8.31E-09	8.31E-09	1.90E-06	0.00E+00	3.12E-07	0.00E+00	8.31E-09	4.86E-06	0.00E+00	0.00E+00	4.86E-06
1897	ALL	651808.1	4191157	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.35E-09	8.35E-09	8.35E-09	1.91E-06	0.00E+00	3.14E-07	0.00E+00	8.35E-09	4.88E-06	0.00E+00	0.00E+00	4.88E-06
1898	ALL	651784	4191146	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.39E-09	8.39E-09	8.39E-09	1.92E-06	0.00E+00	3.15E-07	0.00E+00	8.39E-09	4.91E-06	0.00E+00	0.00E+00	4.91E-06
1899	ALL	651759.8	4191135	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.44E-09	8.44E-09	8.44E-09	1.93E-06	0.00E+00	3.17E-07	0.00E+00	8.44E-09	4.94E-06	0.00E+00	0.00E+00	4.94E-06

1900	ALL	651735.7	4191124	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.49E-09	8.49E-09	8.49E-09	1.94E-06	0.00E+00	3.19E-07	0.00E+00	8.49E-09	4.97E-06	0.00E+00	0.00E+00	4.97E-06
1901	ALL	651711.5	4191112	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.95E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
1902	ALL	651687.4	4191101	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.59E-09	8.59E-09	8.59E-09	1.97E-06	0.00E+00	3.23E-07	0.00E+00	8.59E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
1903	ALL	651663.2	4191090	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.64E-09	8.64E-09	8.64E-09	1.98E-06	0.00E+00	3.25E-07	0.00E+00	8.64E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
1904	ALL	651639.1	4191079	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.70E-09	8.70E-09	8.70E-09	1.99E-06	0.00E+00	3.27E-07	0.00E+00	8.70E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
1905	ALL	651615	4191068	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.75E-09	8.75E-09	8.75E-09	2.00E-06	0.00E+00	3.29E-07	0.00E+00	8.75E-09	5.12E-06	0.00E+00	0.00E+00	5.12E-06
1906	ALL	651590.8	4191057	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.80E-09	8.80E-09	8.80E-09	2.01E-06	0.00E+00	3.31E-07	0.00E+00	8.80E-09	5.15E-06	0.00E+00	0.00E+00	5.15E-06
1907	ALL	651566.7	4191046	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.85E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
1908	ALL	651542.5	4191035	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.91E-09	8.91E-09	8.91E-09	2.03E-06	0.00E+00	3.35E-07	0.00E+00	8.91E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
1909	ALL	651518.4	4191023	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.96E-09	8.96E-09	8.96E-09	2.05E-06	0.00E+00	3.37E-07	0.00E+00	8.96E-09	5.24E-06	0.00E+00	0.00E+00	5.24E-06
1910	ALL	651494.2	4191012	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.02E-09	9.02E-09	9.02E-09	2.06E-06	0.00E+00	3.39E-07	0.00E+00	9.02E-09	5.27E-06	0.00E+00	0.00E+00	5.27E-06
1911	ALL	651470.1	4191001	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.07E-09	9.07E-09	9.07E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.07E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
1912	ALL	651445.9	4190990	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.13E-09	9.13E-09	9.13E-09	2.08E-06	0.00E+00	3.43E-07	0.00E+00	9.13E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
1913	ALL	651421.8	4190979	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.19E-09	9.19E-09	9.19E-09	2.09E-06	0.00E+00	3.45E-07	0.00E+00	9.19E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
1914	ALL	651397.6	4190968	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.24E-09	9.24E-09	9.24E-09	2.11E-06	0.00E+00	3.47E-07	0.00E+00	9.24E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
1915	ALL	651373.5	4190957	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.30E-09	9.30E-09	9.30E-09	2.12E-06	0.00E+00	3.50E-07	0.00E+00	9.30E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
1916	ALL	651349.3	4190946	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.36E-09	9.36E-09	9.36E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.36E-09	5.46E-06	0.00E+00	0.00E+00	5.46E-06
1917	ALL	651325.2	4190935	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.42E-09	9.42E-09	9.42E-09	2.14E-06	0.00E+00	3.54E-07	0.00E+00	9.42E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
1918	ALL	651301	4190923	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.47E-09	9.47E-09	9.47E-09	2.15E-06	0.00E+00	3.56E-07	0.00E+00	9.47E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
1919	ALL	651276.9	4190912	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.53E-09	9.53E-09	9.53E-09	2.16E-06	0.00E+00	3.58E-07	0.00E+00	9.53E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
1920	ALL	651252.7	4190901	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.17E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.58E-06	0.00E+00	0.00E+00	5.58E-06
1921	ALL	651228.6	4190890	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.64E-09	9.64E-09	9.64E-09	2.17E-06	0.00E+00	3.62E-07	0.00E+00	9.64E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
1922	ALL	651204.4	4190879	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.69E-09	9.69E-09	9.69E-09	2.18E-06	0.00E+00	3.64E-07	0.00E+00	9.69E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
1923	ALL	651180.3	4190868	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.19E-06	0.00E+00	3.65E-07	0.00E+00	9.73E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
1924	ALL	651156.1	4190857	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.77E-09	9.77E-09	9.77E-09	2.19E-06	0.00E+00	3.67E-07	0.00E+00	9.77E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
1925	ALL	651132	4190846	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.79E-09	9.79E-09	9.79E-09	2.20E-06	0.00E+00	3.68E-07	0.00E+00	9.79E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
1926	ALL	653234.1	4191809	NonCancer	0.00E+00	7.97E-08	0.00E+00	5.29E-09	5.29E-09	5.29E-09	1.22E-06	0.00E+00	1.99E-07	0.00E+00	5.29E-09	3.10E-06	0.00E+00	0.00E+00	3.10E-06
1927	ALL	653712.3	4188014	NonCancer	0.00E+00	1.52E-04	0.00E+00	1.01E-05	1.01E-05	1.01E-05	2.34E-03	0.00E+00	3.80E-04	0.00E+00	1.01E-05	5.91E-03	0.00E+00	0.00E+00	5.91E-03
1928	ALL	653736.8	4188014	NonCancer	0.00E+00	1.32E-04	0.00E+00	8.74E-06	8.74E-06	8.74E-06	1.95E-03	0.00E+00	3.28E-04	0.00E+00	8.74E-06	5.06E-03	0.00E+00	0.00E+00	5.06E-03
1929	ALL	653761.4	4188014	NonCancer	0.00E+00	1.06E-04	0.00E+00	7.02E-06	7.02E-06	7.02E-06	1.57E-03	0.00E+00	2.63E-04	0.00E+00	7.02E-06	4.07E-03	0.00E+00	0.00E+00	4.07E-03
1930	ALL	653785.9	4188014	NonCancer	0.00E+00	8.17E-05	0.00E+00	5.42E-06	5.42E-06	5.42E-06	1.21E-03	0.00E+00	2.03E-04	0.00E+00	5.42E-06	3.14E-03	0.00E+00	0.00E+00	3.14E-03
1931	ALL	653810.5	4188014	NonCancer	0.00E+00	6.40E-05	0.00E+00	4.25E-06	4.25E-06	4.25E-06	9.17E-04	0.00E+00	1.59E-04	0.00E+00	4.25E-06	2.44E-03	0.00E+00	0.00E+00	2.44E-03
1932	ALL	653736.8	4188039	NonCancer	0.00E+00	6.46E-05	0.00E+00	4.28E-06	4.28E-06	4.28E-06	1.01E-03	0.00E+00	1.61E-04	0.00E+00	4.28E-06	2.52E-03	0.00E+00	0.00E+00	2.52E-03
1933	ALL	653761.4	4188039	NonCancer	0.00E+00	5.65E-05	0.00E+00	3.75E-06	3.75E-06	3.75E-06	8.49E-04	0.00E+00	1.41E-04	0.00E+00	3.75E-06	2.18E-03	0.00E+00	0.00E+00	2.18E-03
1934	ALL	653785.9	4188039	NonCancer	0.00E+00	4.77E-05	0.00E+00	3.17E-06	3.17E-06	3.17E-06	7.15E-04	0.00E+00	1.19E-04	0.00E+00	3.17E-06	1.84E-03	0.00E+00	0.00E+00	1.84E-03
1935	ALL	653810.5	4188039	NonCancer	0.00E+00	3.98E-05	0.00E+00	2.64E-06	2.64E-06	2.64E-06	6.02E-04	0.00E+00	9.93E-05	0.00E+00	2.64E-06	1.54E-03	0.00E+00	0.00E+00	1.54E-03
1936	ALL	653736.8	4188064	NonCancer	0.00E+00	3.88E-05	0.00E+00	2.57E-06	2.57E-06	2.57E-06	6.19E-04	0.00E+00	9.68E-05	0.00E+00	2.57E-06	1.52E-03	0.00E+00	0.00E+00	1.52E-03
1937	ALL	653761.4	4188064	NonCancer	0.00E+00	3.54E-05	0.00E+00	2.35E-06	2.35E-06	2.35E-06	5.43E-04	0.00E+00	8.82E-05	0.00E+00	2.35E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1938	ALL	653785.9	4188064	NonCancer	0.00E+00	3.14E-05	0.00E+00	2.09E-06	2.09E-06	2.09E-06	4.73E-04	0.00E+00	7.83E-05	0.00E+00	2.09E-06	1.21E-03	0.00E+00	0.00E+00	1.21E-03
1939	ALL	653810.5	4188064	NonCancer	0.00E+00	2.75E-05	0.00E+00	1.82E-06	1.82E-06	1.82E-06	4.13E-04	0.00E+00	6.85E-05	0.00E+00	1.82E-06	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1940	ALL	653736.8	4188089	NonCancer	0.00E+00	2.61E-05	0.00E+00	1.73E-06	1.73E-06	1.73E-06	4.19E-04	0.00E+00	6.52E-05	0.00E+00	1.73E-06	1.03E-03	0.00E+00	0.00E+00	1.03E-03
1941	ALL	653761.4	4188089	NonCancer	0.00E+00	2.44E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.79E-04	0.00E+00	6.09E-05	0.00E+00	1.62E-06	9.52E-04	0.00E+00	0.00E+00	9.52E-04
1942	ALL	653785.9	4188089	NonCancer	0.00E+00	2.24E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	3.40E-04	0.00E+00	5.57E-05	0.00E+00	1.48E-06	8.67E-04	0.00E+00	0.00E+00	8.67E-04
1943	ALL	653810.5	4188089	NonCancer	0.00E+00	2.02E-05	0.00E+00	1.34E-06	1.34E-06	1.34E-06	3.04E-04	0.00E+00	5.03E-05	0.00E+00	1.34E-06	7.80E-04	0.00E+00	0.00E+00	7.80E-04
1944	ALL	653736.8	4188139	NonCancer	0.00E+00	1.44E-05	0.00E+00	9.56E-07	9.56E-07	9.56E-07	2.30E-04	0.00E+00	3.60E-05	0.00E+00	9.56E-07	5.67E-04	0.00E+00	0.00E+00	5.67E-04
1945	ALL	653761.4	4188139	NonCancer	0.00E+00	1.38E-05	0.00E+00	9.16E-07	9.16E-07	9.16E-07	2.16E-04	0.00E+00	3.45E-05	0.00E+00	9.16E-07	5.40E-04	0.00E+00	0.00E+00	5.40E-04
1946	ALL	653785.9	4188139	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.67E-07	8.67E-07	8.67E-07	2.02E-04	0.00E+00	3.26E-05	0.00E+00	8.67E-07	5.09E-04	0.00E+00	0.00E+00	5.09E-04
1947	ALL	653810.5	4188139	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.14E-07	8.14E-07	8.14E-07	1.87E-04	0.00E+00	3.06E-05	0.00E+00	8.14E-07	4.76E-04	0.00E+00	0.00E+00	4.76E-04
1948	ALL	653712.3	4188189	NonCancer	0.00E+00	9.52E-06	0.00E+00	6.31E-07	6.31E-07	6.31E-07	1.52E-04	0.00E+00	2.38E-05	0.00E+00	6.31E-07	3.75E-04	0.00E+00	0.00E+00	3.75E-04
1949	ALL	653736.8	4188189	NonCancer	0.00E+00	9.27E-06	0.00E+00	6.15E-07	6.15E-07	6.15E-07	1.47E-04	0.00E+00	2.32E-05	0.00E+00	6.15E-07	3.64E-04	0.00E+00	0.00E+00	3.64E-04

1950	ALL	653761.4	4188189	NonCancer	0.00E+00	8.99E-06	0.00E+00	5.97E-07	5.97E-07	5.97E-07	1.41E-04	0.00E+00	2.25E-05	0.00E+00	5.97E-07	3.52E-04	0.00E+00	0.00E+00	3.52E-04
1951	ALL	653785.9	4188189	NonCancer	0.00E+00	8.65E-06	0.00E+00	5.74E-07	5.74E-07	5.74E-07	1.34E-04	0.00E+00	2.16E-05	0.00E+00	5.74E-07	3.38E-04	0.00E+00	0.00E+00	3.38E-04
1952	ALL	653810.5	4188189	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.27E-04	0.00E+00	2.06E-05	0.00E+00	5.49E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
1953	ALL	653712.3	4188239	NonCancer	0.00E+00	6.66E-06	0.00E+00	4.42E-07	4.42E-07	4.42E-07	1.06E-04	0.00E+00	1.66E-05	0.00E+00	4.42E-07	2.62E-04	0.00E+00	0.00E+00	2.62E-04
1954	ALL	653736.8	4188239	NonCancer	0.00E+00	6.53E-06	0.00E+00	4.33E-07	4.33E-07	4.33E-07	1.03E-04	0.00E+00	1.63E-05	0.00E+00	4.33E-07	2.56E-04	0.00E+00	0.00E+00	2.56E-04
1955	ALL	653761.4	4188239	NonCancer	0.00E+00	6.38E-06	0.00E+00	4.23E-07	4.23E-07	4.23E-07	9.98E-05	0.00E+00	1.59E-05	0.00E+00	4.23E-07	2.50E-04	0.00E+00	0.00E+00	2.50E-04
1956	ALL	653785.9	4188239	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.11E-07	4.11E-07	4.11E-07	9.62E-05	0.00E+00	1.55E-05	0.00E+00	4.11E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
1957	ALL	653810.5	4188239	NonCancer	0.00E+00	5.99E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	9.23E-05	0.00E+00	1.49E-05	0.00E+00	3.97E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
1958	ALL	653712.3	4188289	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.29E-07	3.29E-07	3.29E-07	7.82E-05	0.00E+00	1.24E-05	0.00E+00	3.29E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
1959	ALL	653736.8	4188289	NonCancer	0.00E+00	4.89E-06	0.00E+00	3.24E-07	3.24E-07	3.24E-07	7.66E-05	0.00E+00	1.22E-05	0.00E+00	3.24E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
1960	ALL	653761.4	4188289	NonCancer	0.00E+00	4.80E-06	0.00E+00	3.18E-07	3.18E-07	3.18E-07	7.48E-05	0.00E+00	1.20E-05	0.00E+00	3.18E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
1961	ALL	653785.9	4188289	NonCancer	0.00E+00	4.69E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	7.27E-05	0.00E+00	1.17E-05	0.00E+00	3.11E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
1962	ALL	653810.5	4188289	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	7.04E-05	0.00E+00	1.14E-05	0.00E+00	3.02E-07	1.78E-04	0.00E+00	0.00E+00	1.78E-04
1963	ALL	653712.3	4188339	NonCancer	0.00E+00	3.87E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	6.05E-05	0.00E+00	9.66E-06	0.00E+00	2.57E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
1964	ALL	653736.8	4188339	NonCancer	0.00E+00	3.82E-06	0.00E+00	2.53E-07	2.53E-07	2.53E-07	5.95E-05	0.00E+00	9.52E-06	0.00E+00	2.53E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
1965	ALL	653761.4	4188339	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.84E-05	0.00E+00	9.38E-06	0.00E+00	2.49E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
1966	ALL	653785.9	4188339	NonCancer	0.00E+00	3.69E-06	0.00E+00	2.45E-07	2.45E-07	2.45E-07	5.71E-05	0.00E+00	9.21E-06	0.00E+00	2.45E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
1967	ALL	653810.5	4188339	NonCancer	0.00E+00	3.60E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.56E-05	0.00E+00	8.99E-06	0.00E+00	2.39E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
1968	ALL	653693.7	4188438	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	4.04E-05	0.00E+00	6.48E-06	0.00E+00	1.72E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
1969	ALL	653736.8	4188439	NonCancer	0.00E+00	2.54E-06	0.00E+00	1.69E-07	1.69E-07	1.69E-07	3.94E-05	0.00E+00	6.34E-06	0.00E+00	1.69E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
1970	ALL	653761.4	4188439	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.88E-05	0.00E+00	6.27E-06	0.00E+00	1.67E-07	9.80E-05	0.00E+00	0.00E+00	9.80E-05
1971	ALL	653785.9	4188439	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.82E-05	0.00E+00	6.19E-06	0.00E+00	1.65E-07	9.67E-05	0.00E+00	0.00E+00	9.67E-05
1972	ALL	653810.5	4188439	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.75E-05	0.00E+00	6.09E-06	0.00E+00	1.62E-07	9.51E-05	0.00E+00	0.00E+00	9.51E-05
1973	ALL	653689.5	4188537	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.89E-05	0.00E+00	4.67E-06	0.00E+00	1.24E-07	7.30E-05	0.00E+00	0.00E+00	7.30E-05
1974	ALL	653666.7	4188536	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.93E-05	0.00E+00	4.70E-06	0.00E+00	1.25E-07	7.36E-05	0.00E+00	0.00E+00	7.36E-05
1975	ALL	653712.3	4188539	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.86E-05	0.00E+00	4.62E-06	0.00E+00	1.23E-07	7.22E-05	0.00E+00	0.00E+00	7.22E-05
1976	ALL	653736.8	4188539	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.83E-05	0.00E+00	4.57E-06	0.00E+00	1.22E-07	7.15E-05	0.00E+00	0.00E+00	7.15E-05
1977	ALL	653761.4	4188539	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.80E-05	0.00E+00	4.53E-06	0.00E+00	1.20E-07	7.08E-05	0.00E+00	0.00E+00	7.08E-05
1978	ALL	653785.9	4188539	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.77E-05	0.00E+00	4.49E-06	0.00E+00	1.20E-07	7.01E-05	0.00E+00	0.00E+00	7.01E-05
1979	ALL	653810.5	4188539	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.73E-05	0.00E+00	4.45E-06	0.00E+00	1.18E-07	6.93E-05	0.00E+00	0.00E+00	6.93E-05
1980	ALL	653692.1	4188637	NonCancer	0.00E+00	1.42E-06	0.00E+00	9.45E-08	9.45E-08	9.45E-08	2.19E-05	0.00E+00	3.55E-06	0.00E+00	9.45E-08	5.54E-05	0.00E+00	0.00E+00	5.54E-05
1981	ALL	653736.8	4188639	NonCancer	0.00E+00	1.40E-06	0.00E+00	9.26E-08	9.26E-08	9.26E-08	2.15E-05	0.00E+00	3.48E-06	0.00E+00	9.26E-08	5.44E-05	0.00E+00	0.00E+00	5.44E-05
1982	ALL	653761.4	4188639	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.19E-08	9.19E-08	9.19E-08	2.13E-05	0.00E+00	3.45E-06	0.00E+00	9.19E-08	5.40E-05	0.00E+00	0.00E+00	5.40E-05
1983	ALL	653785.9	4188639	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.13E-08	9.13E-08	9.13E-08	2.11E-05	0.00E+00	3.43E-06	0.00E+00	9.13E-08	5.36E-05	0.00E+00	0.00E+00	5.36E-05
1984	ALL	653810.5	4188639	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.07E-08	9.07E-08	9.07E-08	2.09E-05	0.00E+00	3.41E-06	0.00E+00	9.07E-08	5.31E-05	0.00E+00	0.00E+00	5.31E-05
1985	ALL	653689	4188737	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.48E-08	7.48E-08	7.48E-08	1.73E-05	0.00E+00	2.81E-06	0.00E+00	7.48E-08	4.39E-05	0.00E+00	0.00E+00	4.39E-05
1986	ALL	653665.7	4188736	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.53E-08	7.53E-08	7.53E-08	1.74E-05	0.00E+00	2.83E-06	0.00E+00	7.53E-08	4.42E-05	0.00E+00	0.00E+00	4.42E-05
1987	ALL	653642.4	4188734	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.54E-08	7.54E-08	7.54E-08	1.75E-05	0.00E+00	2.84E-06	0.00E+00	7.54E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
1988	ALL	653712.3	4188739	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.41E-08	7.41E-08	7.41E-08	1.71E-05	0.00E+00	2.78E-06	0.00E+00	7.41E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05
1989	ALL	653736.8	4188739	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.33E-08	7.33E-08	7.33E-08	1.70E-05	0.00E+00	2.76E-06	0.00E+00	7.33E-08	4.31E-05	0.00E+00	0.00E+00	4.31E-05
1990	ALL	653761.4	4188739	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.28E-08	7.28E-08	7.28E-08	1.69E-05	0.00E+00	2.74E-06	0.00E+00	7.28E-08	4.28E-05	0.00E+00	0.00E+00	4.28E-05
1991	ALL	653785.9	4188739	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.24E-08	7.24E-08	7.24E-08	1.67E-05	0.00E+00	2.72E-06	0.00E+00	7.24E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
1992	ALL	653810.5	4188739	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.21E-08	7.21E-08	7.21E-08	1.66E-05	0.00E+00	2.71E-06	0.00E+00	7.21E-08	4.22E-05	0.00E+00	0.00E+00	4.22E-05
1993	ALL	653691.2	4188837	NonCancer	0.00E+00	9.19E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.40E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
1994	ALL	653648.9	4188835	NonCancer	0.00E+00	9.27E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.42E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.61E-05	0.00E+00	0.00E+00	3.61E-05
1995	ALL	653736.8	4188839	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.98E-08	5.98E-08	5.98E-08	1.38E-05	0.00E+00	2.25E-06	0.00E+00	5.98E-08	3.51E-05	0.00E+00	0.00E+00	3.51E-05
1996	ALL	653761.4	4188839	NonCancer	0.00E+00	8.95E-07	0.00E+00	5.94E-08	5.94E-08	5.94E-08	1.38E-05	0.00E+00	2.23E-06	0.00E+00	5.94E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
1997	ALL	653785.9	4188839	NonCancer	0.00E+00	8.91E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.37E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
1998	ALL	653810.5	4188839	NonCancer	0.00E+00	8.89E-07	0.00E+00	5.90E-08	5.90E-08	5.90E-08	1.36E-05	0.00E+00	2.22E-06	0.00E+00	5.90E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
1999	ALL	653689.5	4189087	NonCancer	0.00E+00	6.03E-07	0.00E+00	4.00E-08	4.00E-08	4.00E-08	9.18E-06	0.00E+00	1.50E-06	0.00E+00	4.00E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05

2000	ALL	653666.7	4189086	NonCancer	0.00E+00	6.07E-07	0.00E+00	4.03E-08	4.03E-08	4.03E-08	9.23E-06	0.00E+00	1.51E-06	0.00E+00	4.03E-08	2.36E-05	0.00E+00	0.00E+00	2.36E-05
2001	ALL	653644	4189084	NonCancer	0.00E+00	6.10E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.28E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2002	ALL	653621.2	4189083	NonCancer	0.00E+00	6.10E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.31E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2003	ALL	653598.4	4189082	NonCancer	0.00E+00	6.08E-07	0.00E+00	4.03E-08	4.03E-08	4.03E-08	9.34E-06	0.00E+00	1.52E-06	0.00E+00	4.03E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2004	ALL	653712.3	4189089	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.11E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
2005	ALL	653736.8	4189089	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.92E-08	3.92E-08	3.92E-08	9.07E-06	0.00E+00	1.48E-06	0.00E+00	3.92E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
2006	ALL	653761.4	4189089	NonCancer	0.00E+00	5.88E-07	0.00E+00	3.90E-08	3.90E-08	3.90E-08	9.02E-06	0.00E+00	1.47E-06	0.00E+00	3.90E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
2007	ALL	653785.9	4189089	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.98E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2008	ALL	653810.5	4189089	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.94E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
2009	ALL	653688.3	4189337	NonCancer	0.00E+00	4.31E-07	0.00E+00	2.86E-08	2.86E-08	2.86E-08	6.55E-06	0.00E+00	1.07E-06	0.00E+00	2.86E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
2010	ALL	653664.4	4189336	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.59E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2011	ALL	653640.4	4189334	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.62E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2012	ALL	653616.5	4189333	NonCancer	0.00E+00	4.38E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.65E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2013	ALL	653592.5	4189331	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.66E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2014	ALL	653568.6	4189330	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.67E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
2015	ALL	653712.3	4189339	NonCancer	0.00E+00	4.27E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.51E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2016	ALL	653736.8	4189339	NonCancer	0.00E+00	4.24E-07	0.00E+00	2.81E-08	2.81E-08	2.81E-08	6.48E-06	0.00E+00	1.06E-06	0.00E+00	2.81E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
2017	ALL	653761.4	4189339	NonCancer	0.00E+00	4.21E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.46E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.64E-05	0.00E+00	0.00E+00	1.64E-05
2018	ALL	653785.9	4189339	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.43E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
2019	ALL	653810.5	4189339	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.78E-08	2.78E-08	2.78E-08	6.41E-06	0.00E+00	1.05E-06	0.00E+00	2.78E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
2020	ALL	653690.2	4189587	NonCancer	0.00E+00	3.26E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.96E-06	0.00E+00	8.13E-07	0.00E+00	2.16E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2021	ALL	653646	4189585	NonCancer	0.00E+00	3.31E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	5.00E-06	0.00E+00	8.25E-07	0.00E+00	2.20E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
2022	ALL	653601.9	4189582	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.04E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2023	ALL	653557.7	4189579	NonCancer	0.00E+00	3.32E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	5.05E-06	0.00E+00	8.27E-07	0.00E+00	2.20E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2024	ALL	653736.8	4189589	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.91E-06	0.00E+00	8.01E-07	0.00E+00	2.13E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
2025	ALL	653761.4	4189589	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.90E-06	0.00E+00	7.97E-07	0.00E+00	2.12E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2026	ALL	653785.9	4189589	NonCancer	0.00E+00	3.19E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.88E-06	0.00E+00	7.95E-07	0.00E+00	2.11E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2027	ALL	653810.5	4189589	NonCancer	0.00E+00	3.18E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.87E-06	0.00E+00	7.94E-07	0.00E+00	2.11E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2028	ALL	653689.3	4189837	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.91E-06	0.00E+00	6.42E-07	0.00E+00	1.71E-08	9.99E-06	0.00E+00	0.00E+00	9.99E-06
2029	ALL	653666.3	4189836	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.93E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2030	ALL	653643.4	4189834	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.95E-06	0.00E+00	6.52E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2031	ALL	653620.4	4189833	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.96E-06	0.00E+00	6.55E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2032	ALL	653597.4	4189832	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.97E-06	0.00E+00	6.57E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2033	ALL	653574.4	4189830	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.98E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2034	ALL	653551.4	4189829	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.99E-06	0.00E+00	6.56E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2035	ALL	653528.5	4189827	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.99E-06	0.00E+00	6.54E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2036	ALL	653505.5	4189826	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.99E-06	0.00E+00	6.50E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2037	ALL	653712.3	4189839	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.89E-06	0.00E+00	6.37E-07	0.00E+00	1.69E-08	9.92E-06	0.00E+00	0.00E+00	9.92E-06
2038	ALL	653736.8	4189839	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.88E-06	0.00E+00	6.33E-07	0.00E+00	1.68E-08	9.87E-06	0.00E+00	0.00E+00	9.87E-06
2039	ALL	653761.4	4189839	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.87E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.83E-06	0.00E+00	0.00E+00	9.83E-06
2040	ALL	653785.9	4189839	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.86E-06	0.00E+00	6.28E-07	0.00E+00	1.67E-08	9.80E-06	0.00E+00	0.00E+00	9.80E-06
2041	ALL	653810.5	4189839	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.85E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.79E-06	0.00E+00	0.00E+00	9.79E-06
2042	ALL	653688	4190337	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.65E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
2043	ALL	653663.6	4190336	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.66E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2044	ALL	653639.3	4190334	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2045	ALL	653615	4190333	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.68E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2046	ALL	653590.7	4190331	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.69E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
2047	ALL	653566.3	4190330	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06
2048	ALL	653542	4190328	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.49E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
2049	ALL	653517.7	4190327	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06

2050	ALL	653493.4	4190325	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.94E-06	0.00E+00	0.00E+00	6.94E-06
2051	ALL	653469	4190323	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.71E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
2052	ALL	653444.7	4190322	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.42E-07	0.00E+00	1.17E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
2053	ALL	653712.3	4190339	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.64E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
2054	ALL	653736.8	4190339	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
2055	ALL	653761.4	4190339	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
2056	ALL	653785.9	4190339	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
2057	ALL	653810.5	4190339	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.62E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
2058	ALL	653688.7	4190837	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.49E-09	8.49E-09	8.49E-09	1.94E-06	0.00E+00	3.19E-07	0.00E+00	8.49E-09	4.96E-06	0.00E+00	0.00E+00	4.96E-06
2059	ALL	653665.1	4190836	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.95E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
2060	ALL	653641.5	4190834	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.60E-09	8.60E-09	8.60E-09	1.96E-06	0.00E+00	3.23E-07	0.00E+00	8.60E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
2061	ALL	653617.9	4190833	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.65E-09	8.65E-09	8.65E-09	1.96E-06	0.00E+00	3.25E-07	0.00E+00	8.65E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06
2062	ALL	653594.3	4190831	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.70E-09	8.70E-09	8.70E-09	1.97E-06	0.00E+00	3.27E-07	0.00E+00	8.70E-09	5.07E-06	0.00E+00	0.00E+00	5.07E-06
2063	ALL	653570.7	4190830	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.73E-09	8.73E-09	8.73E-09	1.98E-06	0.00E+00	3.28E-07	0.00E+00	8.73E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2064	ALL	653547.1	4190828	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.76E-09	8.76E-09	8.76E-09	1.98E-06	0.00E+00	3.29E-07	0.00E+00	8.76E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
2065	ALL	653523.5	4190827	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.78E-09	8.78E-09	8.78E-09	1.98E-06	0.00E+00	3.30E-07	0.00E+00	8.78E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2066	ALL	653499.9	4190825	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.78E-09	8.78E-09	8.78E-09	1.99E-06	0.00E+00	3.30E-07	0.00E+00	8.78E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2067	ALL	653476.3	4190824	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	1.99E-06	0.00E+00	3.29E-07	0.00E+00	8.77E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2068	ALL	653452.7	4190822	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.75E-09	8.75E-09	8.75E-09	1.99E-06	0.00E+00	3.29E-07	0.00E+00	8.75E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
2069	ALL	653429.1	4190821	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.71E-09	8.71E-09	8.71E-09	1.98E-06	0.00E+00	3.27E-07	0.00E+00	8.71E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2070	ALL	653405.5	4190820	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.66E-09	8.66E-09	8.66E-09	1.98E-06	0.00E+00	3.26E-07	0.00E+00	8.66E-09	5.07E-06	0.00E+00	0.00E+00	5.07E-06
2071	ALL	653381.9	4190818	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.61E-09	8.61E-09	8.61E-09	1.98E-06	0.00E+00	3.24E-07	0.00E+00	8.61E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06
2072	ALL	653712.3	4190839	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.43E-09	8.43E-09	8.43E-09	1.93E-06	0.00E+00	3.17E-07	0.00E+00	8.43E-09	4.94E-06	0.00E+00	0.00E+00	4.94E-06
2073	ALL	653736.8	4190839	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.39E-09	8.39E-09	8.39E-09	1.93E-06	0.00E+00	3.15E-07	0.00E+00	8.39E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06
2074	ALL	653761.4	4190839	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.36E-09	8.36E-09	8.36E-09	1.92E-06	0.00E+00	3.14E-07	0.00E+00	8.36E-09	4.90E-06	0.00E+00	0.00E+00	4.90E-06
2075	ALL	653785.9	4190839	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.33E-09	8.33E-09	8.33E-09	1.92E-06	0.00E+00	3.13E-07	0.00E+00	8.33E-09	4.89E-06	0.00E+00	0.00E+00	4.89E-06
2076	ALL	653810.5	4190839	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.32E-09	8.32E-09	8.32E-09	1.92E-06	0.00E+00	3.13E-07	0.00E+00	8.32E-09	4.88E-06	0.00E+00	0.00E+00	4.88E-06
2077	ALL	653687.8	4191337	NonCancer	0.00E+00	9.88E-08	0.00E+00	6.55E-09	6.55E-09	6.55E-09	1.50E-06	0.00E+00	2.46E-07	0.00E+00	6.55E-09	3.83E-06	0.00E+00	0.00E+00	3.83E-06
2078	ALL	653663.3	4191336	NonCancer	0.00E+00	9.94E-08	0.00E+00	6.59E-09	6.59E-09	6.59E-09	1.50E-06	0.00E+00	2.48E-07	0.00E+00	6.59E-09	3.85E-06	0.00E+00	0.00E+00	3.85E-06
2079	ALL	653638.9	4191334	NonCancer	0.00E+00	1.00E-07	0.00E+00	6.63E-09	6.63E-09	6.63E-09	1.51E-06	0.00E+00	2.49E-07	0.00E+00	6.63E-09	3.87E-06	0.00E+00	0.00E+00	3.87E-06
2080	ALL	653614.4	4191333	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.67E-09	6.67E-09	6.67E-09	1.51E-06	0.00E+00	2.51E-07	0.00E+00	6.67E-09	3.89E-06	0.00E+00	0.00E+00	3.89E-06
2081	ALL	653589.9	4191331	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.70E-09	6.70E-09	6.70E-09	1.52E-06	0.00E+00	2.52E-07	0.00E+00	6.70E-09	3.91E-06	0.00E+00	0.00E+00	3.91E-06
2082	ALL	653565.4	4191330	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.73E-09	6.73E-09	6.73E-09	1.52E-06	0.00E+00	2.53E-07	0.00E+00	6.73E-09	3.92E-06	0.00E+00	0.00E+00	3.92E-06
2083	ALL	653540.9	4191328	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.76E-09	6.76E-09	6.76E-09	1.53E-06	0.00E+00	2.54E-07	0.00E+00	6.76E-09	3.94E-06	0.00E+00	0.00E+00	3.94E-06
2084	ALL	653516.5	4191326	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2085	ALL	653492	4191325	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.79E-09	6.79E-09	6.79E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.79E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2086	ALL	653467.5	4191323	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.80E-09	6.80E-09	6.80E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.80E-09	3.96E-06	0.00E+00	0.00E+00	3.96E-06
2087	ALL	653443	4191322	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.79E-09	6.79E-09	6.79E-09	1.54E-06	0.00E+00	2.55E-07	0.00E+00	6.79E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2088	ALL	653418.6	4191320	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.53E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.95E-06	0.00E+00	0.00E+00	3.95E-06
2089	ALL	653394.1	4191319	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.76E-09	6.76E-09	6.76E-09	1.53E-06	0.00E+00	2.54E-07	0.00E+00	6.76E-09	3.94E-06	0.00E+00	0.00E+00	3.94E-06
2090	ALL	653369.6	4191317	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.73E-09	6.73E-09	6.73E-09	1.53E-06	0.00E+00	2.53E-07	0.00E+00	6.73E-09	3.93E-06	0.00E+00	0.00E+00	3.93E-06
2091	ALL	653345.1	4191316	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.69E-09	6.69E-09	6.69E-09	1.53E-06	0.00E+00	2.51E-07	0.00E+00	6.69E-09	3.91E-06	0.00E+00	0.00E+00	3.91E-06
2092	ALL	653320.6	4191314	NonCancer	0.00E+00	1.00E-07	0.00E+00	6.65E-09	6.65E-09	6.65E-09	1.53E-06	0.00E+00	2.50E-07	0.00E+00	6.65E-09	3.89E-06	0.00E+00	0.00E+00	3.89E-06
2093	ALL	653712.3	4191339	NonCancer	0.00E+00	9.82E-08	0.00E+00	6.51E-09	6.51E-09	6.51E-09	1.49E-06	0.00E+00	2.45E-07	0.00E+00	6.51E-09	3.81E-06	0.00E+00	0.00E+00	3.81E-06
2094	ALL	653736.8	4191339	NonCancer	0.00E+00	9.77E-08	0.00E+00	6.48E-09	6.48E-09	6.48E-09	1.49E-06	0.00E+00	2.44E-07	0.00E+00	6.48E-09	3.80E-06	0.00E+00	0.00E+00	3.80E-06
2095	ALL	653761.4	4191339	NonCancer	0.00E+00	9.73E-08	0.00E+00	6.46E-09	6.46E-09	6.46E-09	1.49E-06	0.00E+00	2.43E-07	0.00E+00	6.46E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2096	ALL	653785.9	4191339	NonCancer	0.00E+00	9.71E-08	0.00E+00	6.44E-09	6.44E-09	6.44E-09	1.48E-06	0.00E+00	2.42E-07	0.00E+00	6.44E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2097	ALL	653810.5	4191339	NonCancer	0.00E+00	9.69E-08	0.00E+00	6.43E-09	6.43E-09	6.43E-09	1.48E-06	0.00E+00	2.42E-07	0.00E+00	6.43E-09	3.77E-06	0.00E+00	0.00E+00	3.77E-06
2098	ALL	653688.4	4191837	NonCancer	0.00E+00	7.91E-08	0.00E+00	5.25E-09	5.25E-09	5.25E-09	1.20E-06	0.00E+00	1.97E-07	0.00E+00	5.25E-09	3.07E-06	0.00E+00	0.00E+00	3.07E-06
2099	ALL	653664.5	4191836	NonCancer	0.00E+00	7.95E-08	0.00E+00	5.28E-09	5.28E-09	5.28E-09	1.20E-06	0.00E+00	1.98E-07	0.00E+00	5.28E-09	3.08E-06	0.00E+00	0.00E+00	3.08E-06

2100	ALL	653640.6	4191834	NonCancer	0.00E+00	7.99E-08	0.00E+00	5.30E-09	5.30E-09	5.30E-09	1.21E-06	0.00E+00	1.99E-07	0.00E+00	5.30E-09	3.10E-06	0.00E+00	0.00E+00	3.10E-06
2101	ALL	653616.6	4191833	NonCancer	0.00E+00	8.04E-08	0.00E+00	5.33E-09	5.33E-09	5.33E-09	1.21E-06	0.00E+00	2.00E-07	0.00E+00	5.33E-09	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2102	ALL	653592.7	4191831	NonCancer	0.00E+00	8.07E-08	0.00E+00	5.36E-09	5.36E-09	5.36E-09	1.21E-06	0.00E+00	2.01E-07	0.00E+00	5.36E-09	3.12E-06	0.00E+00	0.00E+00	3.12E-06
2103	ALL	653568.8	4191830	NonCancer	0.00E+00	8.11E-08	0.00E+00	5.38E-09	5.38E-09	5.38E-09	1.22E-06	0.00E+00	2.02E-07	0.00E+00	5.38E-09	3.13E-06	0.00E+00	0.00E+00	3.13E-06
2104	ALL	653544.9	4191828	NonCancer	0.00E+00	8.14E-08	0.00E+00	5.40E-09	5.40E-09	5.40E-09	1.22E-06	0.00E+00	2.03E-07	0.00E+00	5.40E-09	3.15E-06	0.00E+00	0.00E+00	3.15E-06
2105	ALL	653521	4191827	NonCancer	0.00E+00	8.17E-08	0.00E+00	5.42E-09	5.42E-09	5.42E-09	1.22E-06	0.00E+00	2.03E-07	0.00E+00	5.42E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2106	ALL	653497.1	4191825	NonCancer	0.00E+00	8.19E-08	0.00E+00	5.43E-09	5.43E-09	5.43E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.43E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2107	ALL	653473.2	4191824	NonCancer	0.00E+00	8.21E-08	0.00E+00	5.44E-09	5.44E-09	5.44E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.44E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2108	ALL	653449.3	4191822	NonCancer	0.00E+00	8.22E-08	0.00E+00	5.45E-09	5.45E-09	5.45E-09	1.23E-06	0.00E+00	2.05E-07	0.00E+00	5.45E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2109	ALL	653425.3	4191821	NonCancer	0.00E+00	8.22E-08	0.00E+00	5.45E-09	5.45E-09	5.45E-09	1.23E-06	0.00E+00	2.05E-07	0.00E+00	5.45E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2110	ALL	653401.4	4191819	NonCancer	0.00E+00	8.21E-08	0.00E+00	5.45E-09	5.45E-09	5.45E-09	1.23E-06	0.00E+00	2.05E-07	0.00E+00	5.45E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2111	ALL	653377.5	4191818	NonCancer	0.00E+00	8.20E-08	0.00E+00	5.44E-09	5.44E-09	5.44E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.44E-09	3.17E-06	0.00E+00	0.00E+00	3.17E-06
2112	ALL	653353.6	4191816	NonCancer	0.00E+00	8.18E-08	0.00E+00	5.43E-09	5.43E-09	5.43E-09	1.23E-06	0.00E+00	2.04E-07	0.00E+00	5.43E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2113	ALL	653329.7	4191815	NonCancer	0.00E+00	8.15E-08	0.00E+00	5.41E-09	5.41E-09	5.41E-09	1.23E-06	0.00E+00	2.03E-07	0.00E+00	5.41E-09	3.15E-06	0.00E+00	0.00E+00	3.15E-06
2114	ALL	653305.8	4191813	NonCancer	0.00E+00	8.11E-08	0.00E+00	5.38E-09	5.38E-09	5.38E-09	1.23E-06	0.00E+00	2.02E-07	0.00E+00	5.38E-09	3.14E-06	0.00E+00	0.00E+00	3.14E-06
2115	ALL	653281.9	4191812	NonCancer	0.00E+00	8.07E-08	0.00E+00	5.35E-09	5.35E-09	5.35E-09	1.22E-06	0.00E+00	2.01E-07	0.00E+00	5.35E-09	3.13E-06	0.00E+00	0.00E+00	3.13E-06
2116	ALL	653258	4191810	NonCancer	0.00E+00	8.02E-08	0.00E+00	5.32E-09	5.32E-09	5.32E-09	1.22E-06	0.00E+00	2.00E-07	0.00E+00	5.32E-09	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2117	ALL	653712.3	4191839	NonCancer	0.00E+00	7.87E-08	0.00E+00	5.22E-09	5.22E-09	5.22E-09	1.20E-06	0.00E+00	1.96E-07	0.00E+00	5.22E-09	3.05E-06	0.00E+00	0.00E+00	3.05E-06
2118	ALL	653736.8	4191839	NonCancer	0.00E+00	7.84E-08	0.00E+00	5.20E-09	5.20E-09	5.20E-09	1.19E-06	0.00E+00	1.95E-07	0.00E+00	5.20E-09	3.04E-06	0.00E+00	0.00E+00	3.04E-06
2119	ALL	653761.4	4191839	NonCancer	0.00E+00	7.81E-08	0.00E+00	5.18E-09	5.18E-09	5.18E-09	1.19E-06	0.00E+00	1.95E-07	0.00E+00	5.18E-09	3.03E-06	0.00E+00	0.00E+00	3.03E-06
2120	ALL	653785.9	4191839	NonCancer	0.00E+00	7.78E-08	0.00E+00	5.16E-09	5.16E-09	5.16E-09	1.19E-06	0.00E+00	1.94E-07	0.00E+00	5.16E-09	3.03E-06	0.00E+00	0.00E+00	3.03E-06
2121	ALL	653810.5	4191839	NonCancer	0.00E+00	7.77E-08	0.00E+00	5.15E-09	5.15E-09	5.15E-09	1.19E-06	0.00E+00	1.94E-07	0.00E+00	5.15E-09	3.02E-06	0.00E+00	0.00E+00	3.02E-06
2122	ALL	653835.4	4187990	NonCancer	0.00E+00	7.70E-05	0.00E+00	5.11E-06	5.11E-06	5.11E-06	9.10E-04	0.00E+00	1.90E-04	0.00E+00	5.11E-06	2.79E-03	0.00E+00	0.00E+00	2.79E-03
2123	ALL	653838.6	4187946	NonCancer	0.00E+00	1.04E-04	0.00E+00	6.93E-06	6.93E-06	6.93E-06	1.04E-03	0.00E+00	2.56E-04	0.00E+00	6.93E-06	3.63E-03	0.00E+00	0.00E+00	3.63E-03
2124	ALL	653841.7	4187902	NonCancer	0.00E+00	8.20E-05	0.00E+00	5.45E-06	5.45E-06	5.45E-06	8.38E-04	0.00E+00	2.02E-04	0.00E+00	5.45E-06	2.87E-03	0.00E+00	0.00E+00	2.87E-03
2125	ALL	653852.5	4188009	NonCancer	0.00E+00	4.75E-05	0.00E+00	3.15E-06	3.15E-06	3.15E-06	6.31E-04	0.00E+00	1.18E-04	0.00E+00	3.15E-06	1.77E-03	0.00E+00	0.00E+00	1.77E-03
2126	ALL	653861.9	4187970	NonCancer	0.00E+00	6.58E-05	0.00E+00	4.37E-06	4.37E-06	4.37E-06	7.34E-04	0.00E+00	1.62E-04	0.00E+00	4.37E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
2127	ALL	653865.1	4187926	NonCancer	0.00E+00	6.79E-05	0.00E+00	4.51E-06	4.51E-06	4.51E-06	7.20E-04	0.00E+00	1.67E-04	0.00E+00	4.51E-06	2.40E-03	0.00E+00	0.00E+00	2.40E-03
2128	ALL	653868.2	4187881	NonCancer	0.00E+00	5.33E-05	0.00E+00	3.54E-06	3.54E-06	3.54E-06	5.84E-04	0.00E+00	1.31E-04	0.00E+00	3.54E-06	1.90E-03	0.00E+00	0.00E+00	1.90E-03
2129	ALL	653877.4	4188010	NonCancer	0.00E+00	3.70E-05	0.00E+00	2.45E-06	2.45E-06	2.45E-06	4.92E-04	0.00E+00	9.17E-05	0.00E+00	2.45E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2130	ALL	653844.6	4188050	NonCancer	0.00E+00	2.69E-05	0.00E+00	1.79E-06	1.79E-06	1.79E-06	4.09E-04	0.00E+00	6.71E-05	0.00E+00	1.79E-06	1.04E-03	0.00E+00	0.00E+00	1.04E-03
2131	ALL	653886.9	4187972	NonCancer	0.00E+00	4.74E-05	0.00E+00	3.15E-06	3.15E-06	3.15E-06	5.55E-04	0.00E+00	1.17E-04	0.00E+00	3.15E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2132	ALL	653890	4187927	NonCancer	0.00E+00	4.99E-05	0.00E+00	3.32E-06	3.32E-06	3.32E-06	5.58E-04	0.00E+00	1.23E-04	0.00E+00	3.32E-06	1.79E-03	0.00E+00	0.00E+00	1.79E-03
2133	ALL	653893.2	4187883	NonCancer	0.00E+00	4.28E-05	0.00E+00	2.84E-06	2.84E-06	2.84E-06	4.84E-04	0.00E+00	1.06E-04	0.00E+00	2.84E-06	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2134	ALL	653902.3	4188012	NonCancer	0.00E+00	2.96E-05	0.00E+00	1.96E-06	1.96E-06	1.96E-06	3.95E-04	0.00E+00	7.33E-05	0.00E+00	1.96E-06	1.11E-03	0.00E+00	0.00E+00	1.11E-03
2135	ALL	653886.6	4188045	NonCancer	0.00E+00	2.28E-05	0.00E+00	1.51E-06	1.51E-06	1.51E-06	3.35E-04	0.00E+00	5.68E-05	0.00E+00	1.51E-06	8.76E-04	0.00E+00	0.00E+00	8.76E-04
2136	ALL	653861.6	4188069	NonCancer	0.00E+00	1.97E-05	0.00E+00	1.31E-06	1.31E-06	1.31E-06	3.00E-04	0.00E+00	4.92E-05	0.00E+00	1.31E-06	7.66E-04	0.00E+00	0.00E+00	7.66E-04
2137	ALL	653911.8	4187974	NonCancer	0.00E+00	3.60E-05	0.00E+00	2.39E-06	2.39E-06	2.39E-06	4.37E-04	0.00E+00	8.90E-05	0.00E+00	2.39E-06	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2138	ALL	653915	4187929	NonCancer	0.00E+00	3.82E-05	0.00E+00	2.54E-06	2.54E-06	2.54E-06	4.45E-04	0.00E+00	9.43E-05	0.00E+00	2.54E-06	1.38E-03	0.00E+00	0.00E+00	1.38E-03
2139	ALL	653918.1	4187885	NonCancer	0.00E+00	3.46E-05	0.00E+00	2.30E-06	2.30E-06	2.30E-06	4.02E-04	0.00E+00	8.53E-05	0.00E+00	2.30E-06	1.25E-03	0.00E+00	0.00E+00	1.25E-03
2140	ALL	653950.6	4188019	NonCancer	0.00E+00	1.99E-05	0.00E+00	1.32E-06	1.32E-06	1.32E-06	2.70E-04	0.00E+00	4.93E-05	0.00E+00	1.32E-06	7.47E-04	0.00E+00	0.00E+00	7.47E-04
2141	ALL	653931.7	4188059	NonCancer	0.00E+00	1.59E-05	0.00E+00	1.05E-06	1.05E-06	1.05E-06	2.33E-04	0.00E+00	3.96E-05	0.00E+00	1.05E-06	6.10E-04	0.00E+00	0.00E+00	6.10E-04
2142	ALL	653892.3	4188106	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.03E-07	8.03E-07	8.03E-07	1.84E-04	0.00E+00	3.02E-05	0.00E+00	8.03E-07	4.70E-04	0.00E+00	0.00E+00	4.70E-04
2143	ALL	653851.4	4188123	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.18E-07	8.18E-07	8.18E-07	1.86E-04	0.00E+00	3.07E-05	0.00E+00	8.18E-07	4.77E-04	0.00E+00	0.00E+00	4.77E-04
2144	ALL	653961.7	4187977	NonCancer	0.00E+00	2.31E-05	0.00E+00	1.53E-06	1.53E-06	1.53E-06	2.93E-04	0.00E+00	5.71E-05	0.00E+00	1.53E-06	8.52E-04	0.00E+00	0.00E+00	8.52E-04
2145	ALL	653964.8	4187933	NonCancer	0.00E+00	2.45E-05	0.00E+00	1.63E-06	1.63E-06	1.63E-06	3.02E-04	0.00E+00	6.06E-05	0.00E+00	1.63E-06	8.98E-04	0.00E+00	0.00E+00	8.98E-04
2146	ALL	653968	4187888	NonCancer	0.00E+00	2.35E-05	0.00E+00	1.56E-06	1.56E-06	1.56E-06	2.87E-04	0.00E+00	5.80E-05	0.00E+00	1.56E-06	8.58E-04	0.00E+00	0.00E+00	8.58E-04
2147	ALL	654001	4188022	NonCancer	0.00E+00	1.46E-05	0.00E+00	9.66E-07	9.66E-07	9.66E-07	1.99E-04	0.00E+00	3.61E-05	0.00E+00	9.66E-07	5.48E-04	0.00E+00	0.00E+00	5.48E-04
2148	ALL	653982.9	4188059	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.31E-07	8.31E-07	8.31E-07	1.81E-04	0.00E+00	3.12E-05	0.00E+00	8.31E-07	4.79E-04	0.00E+00	0.00E+00	4.79E-04
2149	ALL	653964.9	4188097	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.72E-07	6.72E-07	6.72E-07	1.53E-04	0.00E+00	2.53E-05	0.00E+00	6.72E-07	3.93E-04	0.00E+00	0.00E+00	3.93E-04

2150	ALL	653927.4	4188143	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.25E-04	0.00E+00	2.06E-05	0.00E+00	5.49E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
2151	ALL	653888.4	4188158	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.56E-07	5.56E-07	5.56E-07	1.27E-04	0.00E+00	2.09E-05	0.00E+00	5.56E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04
2152	ALL	653849.4	4188173	NonCancer	0.00E+00	8.46E-06	0.00E+00	5.61E-07	5.61E-07	5.61E-07	1.28E-04	0.00E+00	2.11E-05	0.00E+00	5.61E-07	3.28E-04	0.00E+00	0.00E+00	3.28E-04
2153	ALL	654011.6	4187981	NonCancer	0.00E+00	1.62E-05	0.00E+00	1.08E-06	1.08E-06	1.08E-06	2.12E-04	0.00E+00	4.02E-05	0.00E+00	1.08E-06	6.03E-04	0.00E+00	0.00E+00	6.03E-04
2154	ALL	654014.7	4187936	NonCancer	0.00E+00	1.71E-05	0.00E+00	1.14E-06	1.14E-06	1.14E-06	2.19E-04	0.00E+00	4.25E-05	0.00E+00	1.14E-06	6.34E-04	0.00E+00	0.00E+00	6.34E-04
2155	ALL	654017.9	4187892	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.14E-04	0.00E+00	4.18E-05	0.00E+00	1.12E-06	6.23E-04	0.00E+00	0.00E+00	6.23E-04
2156	ALL	654051.1	4188025	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.40E-07	7.40E-07	7.40E-07	1.54E-04	0.00E+00	2.77E-05	0.00E+00	7.40E-07	4.21E-04	0.00E+00	0.00E+00	4.21E-04
2157	ALL	654033.5	4188061	NonCancer	0.00E+00	9.96E-06	0.00E+00	6.61E-07	6.61E-07	6.61E-07	1.43E-04	0.00E+00	2.48E-05	0.00E+00	6.61E-07	3.81E-04	0.00E+00	0.00E+00	3.81E-04
2158	ALL	654016	4188098	NonCancer	0.00E+00	8.58E-06	0.00E+00	5.69E-07	5.69E-07	5.69E-07	1.27E-04	0.00E+00	2.14E-05	0.00E+00	5.69E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
2159	ALL	653998.5	4188135	NonCancer	0.00E+00	7.08E-06	0.00E+00	4.70E-07	4.70E-07	4.70E-07	1.08E-04	0.00E+00	1.77E-05	0.00E+00	4.70E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
2160	ALL	653962	4188179	NonCancer	0.00E+00	6.08E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	9.18E-05	0.00E+00	1.52E-05	0.00E+00	4.03E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
2161	ALL	653924.1	4188194	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.06E-07	4.06E-07	4.06E-07	9.26E-05	0.00E+00	1.53E-05	0.00E+00	4.06E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
2162	ALL	653886.2	4188209	NonCancer	0.00E+00	6.21E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	9.36E-05	0.00E+00	1.55E-05	0.00E+00	4.12E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
2163	ALL	653848.4	4188224	NonCancer	0.00E+00	6.16E-06	0.00E+00	4.09E-07	4.09E-07	4.09E-07	9.37E-05	0.00E+00	1.54E-05	0.00E+00	4.09E-07	2.39E-04	0.00E+00	0.00E+00	2.39E-04
2164	ALL	654061.4	4187984	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.04E-07	8.04E-07	8.04E-07	1.61E-04	0.00E+00	3.00E-05	0.00E+00	8.04E-07	4.52E-04	0.00E+00	0.00E+00	4.52E-04
2165	ALL	654064.6	4187940	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.44E-07	8.44E-07	8.44E-07	1.67E-04	0.00E+00	3.15E-05	0.00E+00	8.44E-07	4.74E-04	0.00E+00	0.00E+00	4.74E-04
2166	ALL	654067.7	4187895	NonCancer	0.00E+00	1.27E-05	0.00E+00	8.46E-07	8.46E-07	8.46E-07	1.65E-04	0.00E+00	3.16E-05	0.00E+00	8.46E-07	4.73E-04	0.00E+00	0.00E+00	4.73E-04
2167	ALL	654100.3	4188030	NonCancer	0.00E+00	8.81E-06	0.00E+00	5.85E-07	5.85E-07	5.85E-07	1.22E-04	0.00E+00	2.19E-05	0.00E+00	5.85E-07	3.33E-04	0.00E+00	0.00E+00	3.33E-04
2168	ALL	654081.3	4188069	NonCancer	0.00E+00	7.96E-06	0.00E+00	5.28E-07	5.28E-07	5.28E-07	1.15E-04	0.00E+00	1.98E-05	0.00E+00	5.28E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
2169	ALL	654062.4	4188109	NonCancer	0.00E+00	6.99E-06	0.00E+00	4.63E-07	4.63E-07	4.63E-07	1.03E-04	0.00E+00	1.74E-05	0.00E+00	4.63E-07	2.69E-04	0.00E+00	0.00E+00	2.69E-04
2170	ALL	654043.4	4188149	NonCancer	0.00E+00	5.86E-06	0.00E+00	3.89E-07	3.89E-07	3.89E-07	8.92E-05	0.00E+00	1.46E-05	0.00E+00	3.89E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
2171	ALL	654024.5	4188188	NonCancer	0.00E+00	4.97E-06	0.00E+00	3.30E-07	3.30E-07	3.30E-07	7.58E-05	0.00E+00	1.24E-05	0.00E+00	3.30E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
2172	ALL	653994.5	4188216	NonCancer	0.00E+00	4.69E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	7.06E-05	0.00E+00	1.17E-05	0.00E+00	3.11E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
2173	ALL	653953.6	4188232	NonCancer	0.00E+00	4.71E-06	0.00E+00	3.12E-07	3.12E-07	3.12E-07	7.13E-05	0.00E+00	1.17E-05	0.00E+00	3.12E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
2174	ALL	653912.7	4188248	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	7.21E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
2175	ALL	653871.8	4188265	NonCancer	0.00E+00	4.75E-06	0.00E+00	3.15E-07	3.15E-07	3.15E-07	7.21E-05	0.00E+00	1.19E-05	0.00E+00	3.15E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
2176	ALL	654111.3	4187988	NonCancer	0.00E+00	9.44E-06	0.00E+00	6.26E-07	6.26E-07	6.26E-07	1.27E-04	0.00E+00	2.34E-05	0.00E+00	6.26E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2177	ALL	654114.5	4187943	NonCancer	0.00E+00	9.86E-06	0.00E+00	6.54E-07	6.54E-07	6.54E-07	1.32E-04	0.00E+00	2.44E-05	0.00E+00	6.54E-07	3.69E-04	0.00E+00	0.00E+00	3.69E-04
2178	ALL	654117.6	4187899	NonCancer	0.00E+00	9.97E-06	0.00E+00	6.62E-07	6.62E-07	6.62E-07	1.32E-04	0.00E+00	2.47E-05	0.00E+00	6.62E-07	3.72E-04	0.00E+00	0.00E+00	3.72E-04
2179	ALL	654150.4	4188033	NonCancer	0.00E+00	7.19E-06	0.00E+00	4.77E-07	4.77E-07	4.77E-07	1.00E-04	0.00E+00	1.79E-05	0.00E+00	4.77E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
2180	ALL	654132	4188071	NonCancer	0.00E+00	6.63E-06	0.00E+00	4.40E-07	4.40E-07	4.40E-07	9.56E-05	0.00E+00	1.65E-05	0.00E+00	4.40E-07	2.53E-04	0.00E+00	0.00E+00	2.53E-04
2181	ALL	654113.6	4188110	NonCancer	0.00E+00	5.97E-06	0.00E+00	3.96E-07	3.96E-07	3.96E-07	8.79E-05	0.00E+00	1.49E-05	0.00E+00	3.96E-07	2.30E-04	0.00E+00	0.00E+00	2.30E-04
2182	ALL	654095.1	4188148	NonCancer	0.00E+00	5.24E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.86E-05	0.00E+00	1.31E-05	0.00E+00	3.48E-07	2.03E-04	0.00E+00	0.00E+00	2.03E-04
2183	ALL	654076.7	4188187	NonCancer	0.00E+00	4.47E-06	0.00E+00	2.97E-07	2.97E-07	2.97E-07	6.85E-05	0.00E+00	1.12E-05	0.00E+00	2.97E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
2184	ALL	654058.3	4188225	NonCancer	0.00E+00	3.93E-06	0.00E+00	2.61E-07	2.61E-07	2.61E-07	5.97E-05	0.00E+00	9.79E-06	0.00E+00	2.61E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
2185	ALL	654029.2	4188253	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.63E-05	0.00E+00	9.32E-06	0.00E+00	2.48E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
2186	ALL	653989.4	4188268	NonCancer	0.00E+00	3.74E-06	0.00E+00	2.48E-07	2.48E-07	2.48E-07	5.68E-05	0.00E+00	9.33E-06	0.00E+00	2.48E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
2187	ALL	653949.7	4188284	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.73E-05	0.00E+00	9.48E-06	0.00E+00	2.52E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
2188	ALL	653909.9	4188300	NonCancer	0.00E+00	3.80E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.76E-05	0.00E+00	9.48E-06	0.00E+00	2.52E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
2189	ALL	653870.1	4188315	NonCancer	0.00E+00	3.76E-06	0.00E+00	2.49E-07	2.49E-07	2.49E-07	5.72E-05	0.00E+00	9.37E-06	0.00E+00	2.49E-07	1.46E-04	0.00E+00	0.00E+00	1.46E-04
2190	ALL	654161.2	4187991	NonCancer	0.00E+00	7.59E-06	0.00E+00	5.04E-07	5.04E-07	5.04E-07	1.04E-04	0.00E+00	1.88E-05	0.00E+00	5.04E-07	2.86E-04	0.00E+00	0.00E+00	2.86E-04
2191	ALL	654164.3	4187947	NonCancer	0.00E+00	7.89E-06	0.00E+00	5.24E-07	5.24E-07	5.24E-07	1.07E-04	0.00E+00	1.96E-05	0.00E+00	5.24E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
2192	ALL	654167.5	4187902	NonCancer	0.00E+00	8.03E-06	0.00E+00	5.33E-07	5.33E-07	5.33E-07	1.08E-04	0.00E+00	1.99E-05	0.00E+00	5.33E-07	3.01E-04	0.00E+00	0.00E+00	3.01E-04
2193	ALL	654249.9	4188040	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	7.12E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.92E-04	0.00E+00	0.00E+00	1.92E-04
2194	ALL	654230.9	4188080	NonCancer	0.00E+00	4.78E-06	0.00E+00	3.17E-07	3.17E-07	3.17E-07	6.89E-05	0.00E+00	1.19E-05	0.00E+00	3.17E-07	1.83E-04	0.00E+00	0.00E+00	1.83E-04
2195	ALL	654212	4188120	NonCancer	0.00E+00	4.39E-06	0.00E+00	2.91E-07	2.91E-07	2.91E-07	6.47E-05	0.00E+00	1.09E-05	0.00E+00	2.91E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
2196	ALL	654193	4188159	NonCancer	0.00E+00	4.01E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.96E-05	0.00E+00	1.00E-05	0.00E+00	2.66E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
2197	ALL	654174.1	4188199	NonCancer	0.00E+00	3.57E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	5.39E-05	0.00E+00	8.90E-06	0.00E+00	2.37E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
2198	ALL	654155.1	4188239	NonCancer	0.00E+00	3.12E-06	0.00E+00	2.07E-07	2.07E-07	2.07E-07	4.78E-05	0.00E+00	7.79E-06	0.00E+00	2.07E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
2199	ALL	654136.2	4188278	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	4.26E-05	0.00E+00	6.98E-06	0.00E+00	1.86E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04

2200	ALL	654096.8	4188326	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.86E-05	0.00E+00	6.40E-06	0.00E+00	1.70E-07	9.94E-05	0.00E+00	0.00E+00	9.94E-05
2201	ALL	654055.9	4188342	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.89E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.93E-05	0.00E+00	0.00E+00	9.93E-05
2202	ALL	654015	4188358	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.92E-05	0.00E+00	6.47E-06	0.00E+00	1.72E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2203	ALL	653974.1	4188374	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.94E-05	0.00E+00	6.51E-06	0.00E+00	1.73E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2204	ALL	653933.2	4188390	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.94E-05	0.00E+00	6.49E-06	0.00E+00	1.73E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
2205	ALL	653892.3	4188406	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.90E-05	0.00E+00	6.39E-06	0.00E+00	1.70E-07	9.94E-05	0.00E+00	0.00E+00	9.94E-05
2206	ALL	653851.4	4188423	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.84E-05	0.00E+00	6.22E-06	0.00E+00	1.65E-07	9.71E-05	0.00E+00	0.00E+00	9.71E-05
2207	ALL	654260.9	4187998	NonCancer	0.00E+00	5.27E-06	0.00E+00	3.50E-07	3.50E-07	3.50E-07	7.31E-05	0.00E+00	1.31E-05	0.00E+00	3.50E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
2208	ALL	654264.1	4187954	NonCancer	0.00E+00	5.43E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.51E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
2209	ALL	654267.2	4187909	NonCancer	0.00E+00	5.55E-06	0.00E+00	3.68E-07	3.68E-07	3.68E-07	7.60E-05	0.00E+00	1.38E-05	0.00E+00	3.68E-07	2.09E-04	0.00E+00	0.00E+00	2.09E-04
2210	ALL	654350	4188047	NonCancer	0.00E+00	3.79E-06	0.00E+00	2.52E-07	2.52E-07	2.52E-07	5.36E-05	0.00E+00	9.43E-06	0.00E+00	2.52E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
2211	ALL	654331.7	4188085	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.25E-05	0.00E+00	9.07E-06	0.00E+00	2.42E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
2212	ALL	654313.4	4188123	NonCancer	0.00E+00	3.42E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	5.02E-05	0.00E+00	8.52E-06	0.00E+00	2.27E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
2213	ALL	654295.1	4188161	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.73E-05	0.00E+00	7.94E-06	0.00E+00	2.11E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
2214	ALL	654276.8	4188200	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.97E-07	1.97E-07	1.97E-07	4.42E-05	0.00E+00	7.38E-06	0.00E+00	1.97E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
2215	ALL	654258.5	4188238	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	4.07E-05	0.00E+00	6.73E-06	0.00E+00	1.79E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
2216	ALL	654240.3	4188276	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.69E-05	0.00E+00	6.02E-06	0.00E+00	1.60E-07	9.39E-05	0.00E+00	0.00E+00	9.39E-05
2217	ALL	654222	4188315	NonCancer	0.00E+00	2.19E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.35E-05	0.00E+00	5.46E-06	0.00E+00	1.45E-07	8.51E-05	0.00E+00	0.00E+00	8.51E-05
2218	ALL	654203.7	4188353	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	3.06E-05	0.00E+00	5.05E-06	0.00E+00	1.34E-07	7.85E-05	0.00E+00	0.00E+00	7.85E-05
2219	ALL	654165.7	4188399	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.84E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.32E-05	0.00E+00	0.00E+00	7.32E-05
2220	ALL	654126.2	4188414	NonCancer	0.00E+00	1.88E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.85E-05	0.00E+00	4.68E-06	0.00E+00	1.24E-07	7.29E-05	0.00E+00	0.00E+00	7.29E-05
2221	ALL	654086.7	4188430	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.87E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.35E-05	0.00E+00	0.00E+00	7.35E-05
2222	ALL	654047.3	4188445	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.89E-05	0.00E+00	4.79E-06	0.00E+00	1.28E-07	7.44E-05	0.00E+00	0.00E+00	7.44E-05
2223	ALL	654007.8	4188461	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	2.90E-05	0.00E+00	4.78E-06	0.00E+00	1.27E-07	7.43E-05	0.00E+00	0.00E+00	7.43E-05
2224	ALL	653968.4	4188477	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	2.89E-05	0.00E+00	4.78E-06	0.00E+00	1.27E-07	7.42E-05	0.00E+00	0.00E+00	7.42E-05
2225	ALL	653928.9	4188492	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.87E-05	0.00E+00	4.71E-06	0.00E+00	1.25E-07	7.33E-05	0.00E+00	0.00E+00	7.33E-05
2226	ALL	653889.4	4188508	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.83E-05	0.00E+00	4.60E-06	0.00E+00	1.22E-07	7.17E-05	0.00E+00	0.00E+00	7.17E-05
2227	ALL	653850	4188523	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.78E-05	0.00E+00	4.52E-06	0.00E+00	1.20E-07	7.06E-05	0.00E+00	0.00E+00	7.06E-05
2228	ALL	654360.7	4188005	NonCancer	0.00E+00	3.90E-06	0.00E+00	2.59E-07	2.59E-07	2.59E-07	5.47E-05	0.00E+00	9.70E-06	0.00E+00	2.59E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
2229	ALL	654363.8	4187961	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	5.60E-05	0.00E+00	9.95E-06	0.00E+00	2.66E-07	1.52E-04	0.00E+00	0.00E+00	1.52E-04
2230	ALL	654367	4187916	NonCancer	0.00E+00	4.08E-06	0.00E+00	2.71E-07	2.71E-07	2.71E-07	5.68E-05	0.00E+00	1.01E-05	0.00E+00	2.71E-07	1.54E-04	0.00E+00	0.00E+00	1.54E-04
2231	ALL	654449.5	4188054	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.21E-05	0.00E+00	7.36E-06	0.00E+00	1.96E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
2232	ALL	654430.9	4188093	NonCancer	0.00E+00	2.87E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.14E-05	0.00E+00	7.15E-06	0.00E+00	1.91E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
2233	ALL	654412.2	4188132	NonCancer	0.00E+00	2.73E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.99E-05	0.00E+00	6.79E-06	0.00E+00	1.81E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
2234	ALL	654393.5	4188171	NonCancer	0.00E+00	2.56E-06	0.00E+00	1.70E-07	1.70E-07	1.70E-07	3.80E-05	0.00E+00	6.38E-06	0.00E+00	1.70E-07	9.87E-05	0.00E+00	0.00E+00	9.87E-05
2235	ALL	654374.9	4188210	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.59E-05	0.00E+00	6.00E-06	0.00E+00	1.60E-07	9.30E-05	0.00E+00	0.00E+00	9.30E-05
2236	ALL	654356.2	4188249	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.37E-05	0.00E+00	5.61E-06	0.00E+00	1.49E-07	8.70E-05	0.00E+00	0.00E+00	8.70E-05
2237	ALL	654337.6	4188288	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.12E-05	0.00E+00	5.15E-06	0.00E+00	1.37E-07	8.00E-05	0.00E+00	0.00E+00	8.00E-05
2238	ALL	654318.9	4188328	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.86E-05	0.00E+00	4.67E-06	0.00E+00	1.24E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
2239	ALL	654300.2	4188367	NonCancer	0.00E+00	1.72E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.62E-05	0.00E+00	4.28E-06	0.00E+00	1.14E-07	6.67E-05	0.00E+00	0.00E+00	6.67E-05
2240	ALL	654281.6	4188406	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.43E-05	0.00E+00	3.99E-06	0.00E+00	1.06E-07	6.21E-05	0.00E+00	0.00E+00	6.21E-05
2241	ALL	654262.9	4188445	NonCancer	0.00E+00	1.51E-06	0.00E+00	1.00E-07	1.00E-07	1.00E-07	2.26E-05	0.00E+00	3.77E-06	0.00E+00	1.00E-07	5.84E-05	0.00E+00	0.00E+00	5.84E-05
2242	ALL	654233.4	4188472	NonCancer	0.00E+00	1.46E-06	0.00E+00	9.70E-08	9.70E-08	9.70E-08	2.20E-05	0.00E+00	3.65E-06	0.00E+00	9.70E-08	5.65E-05	0.00E+00	0.00E+00	5.65E-05
2243	ALL	654193.2	4188488	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.59E-08	9.59E-08	9.59E-08	2.20E-05	0.00E+00	3.60E-06	0.00E+00	9.59E-08	5.62E-05	0.00E+00	0.00E+00	5.62E-05
2244	ALL	654152.9	4188504	NonCancer	0.00E+00	1.46E-06	0.00E+00	9.65E-08	9.65E-08	9.65E-08	2.21E-05	0.00E+00	3.63E-06	0.00E+00	9.65E-08	5.65E-05	0.00E+00	0.00E+00	5.65E-05
2245	ALL	654112.6	4188520	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.83E-08	9.83E-08	9.83E-08	2.23E-05	0.00E+00	3.69E-06	0.00E+00	9.83E-08	5.73E-05	0.00E+00	0.00E+00	5.73E-05
2246	ALL	654072.3	4188536	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.84E-08	9.84E-08	9.84E-08	2.24E-05	0.00E+00	3.70E-06	0.00E+00	9.84E-08	5.74E-05	0.00E+00	0.00E+00	5.74E-05
2247	ALL	654032	4188551	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.81E-08	9.81E-08	9.81E-08	2.24E-05	0.00E+00	3.69E-06	0.00E+00	9.81E-08	5.73E-05	0.00E+00	0.00E+00	5.73E-05
2248	ALL	653991.8	4188567	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.81E-08	9.81E-08	9.81E-08	2.23E-05	0.00E+00	3.69E-06	0.00E+00	9.81E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
2249	ALL	653951.5	4188583	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.63E-08	9.63E-08	9.63E-08	2.21E-05	0.00E+00	3.62E-06	0.00E+00	9.63E-08	5.63E-05	0.00E+00	0.00E+00	5.63E-05

2250	ALL	653911.2	4188599	NonCancer	0.00E+00	1.42E-06	0.00E+00	9.40E-08	9.40E-08	9.40E-08	2.18E-05	0.00E+00	3.54E-06	0.00E+00	9.40E-08	5.52E-05	0.00E+00	0.00E+00	5.52E-05
2251	ALL	653870.9	4188615	NonCancer	0.00E+00	1.40E-06	0.00E+00	9.28E-08	9.28E-08	9.28E-08	2.14E-05	0.00E+00	3.49E-06	0.00E+00	9.28E-08	5.44E-05	0.00E+00	0.00E+00	5.44E-05
2252	ALL	654460.4	4188012	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.28E-05	0.00E+00	7.52E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
2253	ALL	654463.6	4187968	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.37E-05	0.00E+00	7.68E-06	0.00E+00	2.05E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
2254	ALL	654466.7	4187924	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.09E-07	2.09E-07	2.09E-07	4.43E-05	0.00E+00	7.81E-06	0.00E+00	2.09E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
2255	ALL	654549.1	4188062	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.40E-05	0.00E+00	5.93E-06	0.00E+00	1.58E-07	9.08E-05	0.00E+00	0.00E+00	9.08E-05
2256	ALL	654530.2	4188101	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.36E-05	0.00E+00	5.80E-06	0.00E+00	1.55E-07	8.90E-05	0.00E+00	0.00E+00	8.90E-05
2257	ALL	654511.2	4188141	NonCancer	0.00E+00	2.23E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.26E-05	0.00E+00	5.56E-06	0.00E+00	1.48E-07	8.57E-05	0.00E+00	0.00E+00	8.57E-05
2258	ALL	654492.3	4188180	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.13E-05	0.00E+00	5.26E-06	0.00E+00	1.40E-07	8.14E-05	0.00E+00	0.00E+00	8.14E-05
2259	ALL	654473.3	4188220	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	2.98E-05	0.00E+00	4.98E-06	0.00E+00	1.32E-07	7.71E-05	0.00E+00	0.00E+00	7.71E-05
2260	ALL	654454.4	4188260	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.83E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.31E-05	0.00E+00	0.00E+00	7.31E-05
2261	ALL	654435.4	4188299	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.66E-05	0.00E+00	4.43E-06	0.00E+00	1.18E-07	6.87E-05	0.00E+00	0.00E+00	6.87E-05
2262	ALL	654416.5	4188339	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.48E-05	0.00E+00	4.08E-06	0.00E+00	1.09E-07	6.35E-05	0.00E+00	0.00E+00	6.35E-05
2263	ALL	654397.5	4188379	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.95E-08	9.95E-08	9.95E-08	2.29E-05	0.00E+00	3.74E-06	0.00E+00	9.95E-08	5.83E-05	0.00E+00	0.00E+00	5.83E-05
2264	ALL	654378.6	4188418	NonCancer	0.00E+00	1.39E-06	0.00E+00	9.20E-08	9.20E-08	9.20E-08	2.12E-05	0.00E+00	3.46E-06	0.00E+00	9.20E-08	5.40E-05	0.00E+00	0.00E+00	5.40E-05
2265	ALL	654359.6	4188458	NonCancer	0.00E+00	1.30E-06	0.00E+00	8.64E-08	8.64E-08	8.64E-08	1.98E-05	0.00E+00	3.25E-06	0.00E+00	8.64E-08	5.06E-05	0.00E+00	0.00E+00	5.06E-05
2266	ALL	654340.7	4188498	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.22E-08	8.22E-08	8.22E-08	1.86E-05	0.00E+00	3.09E-06	0.00E+00	8.22E-08	4.79E-05	0.00E+00	0.00E+00	4.79E-05
2267	ALL	654301.3	4188545	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.77E-08	7.77E-08	7.77E-08	1.76E-05	0.00E+00	2.92E-06	0.00E+00	7.77E-08	4.53E-05	0.00E+00	0.00E+00	4.53E-05
2268	ALL	654260.4	4188562	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.65E-08	7.65E-08	7.65E-08	1.76E-05	0.00E+00	2.88E-06	0.00E+00	7.65E-08	4.49E-05	0.00E+00	0.00E+00	4.49E-05
2269	ALL	654219.5	4188578	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.68E-08	7.68E-08	7.68E-08	1.76E-05	0.00E+00	2.89E-06	0.00E+00	7.68E-08	4.50E-05	0.00E+00	0.00E+00	4.50E-05
2270	ALL	654178.6	4188594	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.84E-08	7.84E-08	7.84E-08	1.78E-05	0.00E+00	2.95E-06	0.00E+00	7.84E-08	4.57E-05	0.00E+00	0.00E+00	4.57E-05
2271	ALL	654137.7	4188610	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.88E-08	7.88E-08	7.88E-08	1.79E-05	0.00E+00	2.96E-06	0.00E+00	7.88E-08	4.60E-05	0.00E+00	0.00E+00	4.60E-05
2272	ALL	654096.8	4188626	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.84E-08	7.84E-08	7.84E-08	1.79E-05	0.00E+00	2.95E-06	0.00E+00	7.84E-08	4.58E-05	0.00E+00	0.00E+00	4.58E-05
2273	ALL	654055.9	4188642	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.86E-08	7.86E-08	7.86E-08	1.79E-05	0.00E+00	2.95E-06	0.00E+00	7.86E-08	4.59E-05	0.00E+00	0.00E+00	4.59E-05
2274	ALL	654015	4188658	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.78E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.57E-05	0.00E+00	0.00E+00	4.57E-05
2275	ALL	653974.1	4188674	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.66E-08	7.66E-08	7.66E-08	1.76E-05	0.00E+00	2.88E-06	0.00E+00	7.66E-08	4.49E-05	0.00E+00	0.00E+00	4.49E-05
2276	ALL	653933.2	4188690	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.50E-08	7.50E-08	7.50E-08	1.74E-05	0.00E+00	2.82E-06	0.00E+00	7.50E-08	4.40E-05	0.00E+00	0.00E+00	4.40E-05
2277	ALL	653892.3	4188706	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.42E-08	7.42E-08	7.42E-08	1.71E-05	0.00E+00	2.79E-06	0.00E+00	7.42E-08	4.35E-05	0.00E+00	0.00E+00	4.35E-05
2278	ALL	653851.4	4188723	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.35E-08	7.35E-08	7.35E-08	1.69E-05	0.00E+00	2.76E-06	0.00E+00	7.35E-08	4.30E-05	0.00E+00	0.00E+00	4.30E-05
2279	ALL	654560.2	4188019	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.45E-05	0.00E+00	6.03E-06	0.00E+00	1.61E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
2280	ALL	654563.3	4187975	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.51E-05	0.00E+00	6.14E-06	0.00E+00	1.64E-07	9.41E-05	0.00E+00	0.00E+00	9.41E-05
2281	ALL	654566.5	4187931	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.56E-05	0.00E+00	6.24E-06	0.00E+00	1.66E-07	9.54E-05	0.00E+00	0.00E+00	9.54E-05
2282	ALL	654648.8	4188069	NonCancer	0.00E+00	1.97E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	2.82E-05	0.00E+00	4.90E-06	0.00E+00	1.31E-07	7.51E-05	0.00E+00	0.00E+00	7.51E-05
2283	ALL	654629.6	4188109	NonCancer	0.00E+00	1.94E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.79E-05	0.00E+00	4.81E-06	0.00E+00	1.28E-07	7.39E-05	0.00E+00	0.00E+00	7.39E-05
2284	ALL	654610.4	4188149	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.73E-05	0.00E+00	4.65E-06	0.00E+00	1.24E-07	7.16E-05	0.00E+00	0.00E+00	7.16E-05
2285	ALL	654591.3	4188189	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.63E-05	0.00E+00	4.43E-06	0.00E+00	1.18E-07	6.85E-05	0.00E+00	0.00E+00	6.85E-05
2286	ALL	654572.1	4188229	NonCancer	0.00E+00	1.69E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.52E-05	0.00E+00	4.21E-06	0.00E+00	1.12E-07	6.52E-05	0.00E+00	0.00E+00	6.52E-05
2287	ALL	654552.9	4188269	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.41E-05	0.00E+00	4.01E-06	0.00E+00	1.07E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
2288	ALL	654533.7	4188310	NonCancer	0.00E+00	1.53E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.29E-05	0.00E+00	3.82E-06	0.00E+00	1.02E-07	5.92E-05	0.00E+00	0.00E+00	5.92E-05
2289	ALL	654514.5	4188350	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.57E-08	9.57E-08	9.57E-08	2.17E-05	0.00E+00	3.60E-06	0.00E+00	9.57E-08	5.58E-05	0.00E+00	0.00E+00	5.58E-05
2290	ALL	654495.4	4188390	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.87E-08	8.87E-08	8.87E-08	2.03E-05	0.00E+00	3.33E-06	0.00E+00	8.87E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
2291	ALL	654476.2	4188430	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.19E-08	8.19E-08	8.19E-08	1.88E-05	0.00E+00	3.08E-06	0.00E+00	8.19E-08	4.80E-05	0.00E+00	0.00E+00	4.80E-05
2292	ALL	654457	4188470	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.63E-08	7.63E-08	7.63E-08	1.76E-05	0.00E+00	2.87E-06	0.00E+00	7.63E-08	4.47E-05	0.00E+00	0.00E+00	4.47E-05
2293	ALL	654437.8	4188510	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.20E-08	7.20E-08	7.20E-08	1.65E-05	0.00E+00	2.71E-06	0.00E+00	7.20E-08	4.21E-05	0.00E+00	0.00E+00	4.21E-05
2294	ALL	654418.7	4188550	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.88E-08	6.88E-08	6.88E-08	1.56E-05	0.00E+00	2.58E-06	0.00E+00	6.88E-08	4.01E-05	0.00E+00	0.00E+00	4.01E-05
2295	ALL	654399.5	4188591	NonCancer	0.00E+00	9.93E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.48E-05	0.00E+00	2.47E-06	0.00E+00	6.59E-08	3.83E-05	0.00E+00	0.00E+00	3.83E-05
2296	ALL	654369.2	4188619	NonCancer	0.00E+00	9.63E-07	0.00E+00	6.39E-08	6.39E-08	6.39E-08	1.45E-05	0.00E+00	2.40E-06	0.00E+00	6.39E-08	3.72E-05	0.00E+00	0.00E+00	3.72E-05
2297	ALL	654327.8	4188635	NonCancer	0.00E+00	9.47E-07	0.00E+00	6.28E-08	6.28E-08	6.28E-08	1.44E-05	0.00E+00	2.36E-06	0.00E+00	6.28E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2298	ALL	654286.4	4188651	NonCancer	0.00E+00	9.47E-07	0.00E+00	6.28E-08	6.28E-08	6.28E-08	1.45E-05	0.00E+00	2.36E-06	0.00E+00	6.28E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2299	ALL	654245.1	4188668	NonCancer	0.00E+00	9.67E-07	0.00E+00	6.41E-08	6.41E-08	6.41E-08	1.46E-05	0.00E+00	2.41E-06	0.00E+00	6.41E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05

2300	ALL	654203.7	4188684	NonCancer	0.00E+00	9.78E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.47E-05	0.00E+00	2.44E-06	0.00E+00	6.49E-08	3.78E-05	0.00E+00	0.00E+00	3.78E-05
2301	ALL	654162.3	4188700	NonCancer	0.00E+00	9.73E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.47E-05	0.00E+00	2.43E-06	0.00E+00	6.45E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
2302	ALL	654120.9	4188716	NonCancer	0.00E+00	9.71E-07	0.00E+00	6.44E-08	6.44E-08	6.44E-08	1.47E-05	0.00E+00	2.42E-06	0.00E+00	6.44E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
2303	ALL	654079.5	4188733	NonCancer	0.00E+00	9.75E-07	0.00E+00	6.47E-08	6.47E-08	6.47E-08	1.47E-05	0.00E+00	2.43E-06	0.00E+00	6.47E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
2304	ALL	654038.1	4188749	NonCancer	0.00E+00	9.66E-07	0.00E+00	6.41E-08	6.41E-08	6.41E-08	1.46E-05	0.00E+00	2.41E-06	0.00E+00	6.41E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
2305	ALL	653996.7	4188765	NonCancer	0.00E+00	9.44E-07	0.00E+00	6.26E-08	6.26E-08	6.26E-08	1.44E-05	0.00E+00	2.35E-06	0.00E+00	6.26E-08	3.67E-05	0.00E+00	0.00E+00	3.67E-05
2306	ALL	653955.3	4188782	NonCancer	0.00E+00	9.27E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.42E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.61E-05	0.00E+00	0.00E+00	3.61E-05
2307	ALL	653914	4188798	NonCancer	0.00E+00	9.19E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.40E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
2308	ALL	653872.6	4188814	NonCancer	0.00E+00	9.13E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.39E-05	0.00E+00	2.28E-06	0.00E+00	6.06E-08	3.54E-05	0.00E+00	0.00E+00	3.54E-05
2309	ALL	654659.9	4188027	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	2.85E-05	0.00E+00	4.97E-06	0.00E+00	1.32E-07	7.61E-05	0.00E+00	0.00E+00	7.61E-05
2310	ALL	654663.1	4187982	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	2.90E-05	0.00E+00	5.04E-06	0.00E+00	1.35E-07	7.73E-05	0.00E+00	0.00E+00	7.73E-05
2311	ALL	654666.2	4187938	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	2.94E-05	0.00E+00	5.11E-06	0.00E+00	1.36E-07	7.83E-05	0.00E+00	0.00E+00	7.83E-05
2312	ALL	654898.4	4188086	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.76E-08	8.76E-08	8.76E-08	1.90E-05	0.00E+00	3.28E-06	0.00E+00	8.76E-08	5.04E-05	0.00E+00	0.00E+00	5.04E-05
2313	ALL	654879.6	4188125	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.69E-08	8.69E-08	8.69E-08	1.89E-05	0.00E+00	3.26E-06	0.00E+00	8.69E-08	5.00E-05	0.00E+00	0.00E+00	5.00E-05
2314	ALL	654860.8	4188165	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.50E-08	8.50E-08	8.50E-08	1.87E-05	0.00E+00	3.19E-06	0.00E+00	8.50E-08	4.91E-05	0.00E+00	0.00E+00	4.91E-05
2315	ALL	654842	4188204	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.24E-08	8.24E-08	8.24E-08	1.83E-05	0.00E+00	3.09E-06	0.00E+00	8.24E-08	4.77E-05	0.00E+00	0.00E+00	4.77E-05
2316	ALL	654823.2	4188243	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.94E-08	7.94E-08	7.94E-08	1.77E-05	0.00E+00	2.98E-06	0.00E+00	7.94E-08	4.61E-05	0.00E+00	0.00E+00	4.61E-05
2317	ALL	654804.5	4188283	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.62E-08	7.62E-08	7.62E-08	1.72E-05	0.00E+00	2.86E-06	0.00E+00	7.62E-08	4.44E-05	0.00E+00	0.00E+00	4.44E-05
2318	ALL	654785.7	4188322	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.32E-08	7.32E-08	7.32E-08	1.66E-05	0.00E+00	2.75E-06	0.00E+00	7.32E-08	4.27E-05	0.00E+00	0.00E+00	4.27E-05
2319	ALL	654766.9	4188361	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.06E-08	7.06E-08	7.06E-08	1.60E-05	0.00E+00	2.65E-06	0.00E+00	7.06E-08	4.12E-05	0.00E+00	0.00E+00	4.12E-05
2320	ALL	654748.1	4188400	NonCancer	0.00E+00	1.03E-06	0.00E+00	6.81E-08	6.81E-08	6.81E-08	1.54E-05	0.00E+00	2.56E-06	0.00E+00	6.81E-08	3.97E-05	0.00E+00	0.00E+00	3.97E-05
2321	ALL	654729.3	4188440	NonCancer	0.00E+00	9.84E-07	0.00E+00	6.53E-08	6.53E-08	6.53E-08	1.48E-05	0.00E+00	2.45E-06	0.00E+00	6.53E-08	3.80E-05	0.00E+00	0.00E+00	3.80E-05
2322	ALL	654710.6	4188479	NonCancer	0.00E+00	9.32E-07	0.00E+00	6.18E-08	6.18E-08	6.18E-08	1.40E-05	0.00E+00	2.32E-06	0.00E+00	6.18E-08	3.61E-05	0.00E+00	0.00E+00	3.61E-05
2323	ALL	654691.8	4188518	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.33E-05	0.00E+00	2.18E-06	0.00E+00	5.81E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
2324	ALL	654673	4188558	NonCancer	0.00E+00	8.24E-07	0.00E+00	5.46E-08	5.46E-08	5.46E-08	1.26E-05	0.00E+00	2.05E-06	0.00E+00	5.46E-08	3.20E-05	0.00E+00	0.00E+00	3.20E-05
2325	ALL	654654.2	4188597	NonCancer	0.00E+00	7.80E-07	0.00E+00	5.17E-08	5.17E-08	5.17E-08	1.19E-05	0.00E+00	1.94E-06	0.00E+00	5.17E-08	3.03E-05	0.00E+00	0.00E+00	3.03E-05
2326	ALL	654635.4	4188636	NonCancer	0.00E+00	7.44E-07	0.00E+00	4.93E-08	4.93E-08	4.93E-08	1.13E-05	0.00E+00	1.85E-06	0.00E+00	4.93E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
2327	ALL	654616.7	4188676	NonCancer	0.00E+00	7.15E-07	0.00E+00	4.74E-08	4.74E-08	4.74E-08	1.08E-05	0.00E+00	1.78E-06	0.00E+00	4.74E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
2328	ALL	654597.9	4188715	NonCancer	0.00E+00	6.94E-07	0.00E+00	4.60E-08	4.60E-08	4.60E-08	1.04E-05	0.00E+00	1.73E-06	0.00E+00	4.60E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
2329	ALL	654579.1	4188754	NonCancer	0.00E+00	6.74E-07	0.00E+00	4.47E-08	4.47E-08	4.47E-08	1.00E-05	0.00E+00	1.68E-06	0.00E+00	4.47E-08	2.60E-05	0.00E+00	0.00E+00	2.60E-05
2330	ALL	654540.1	4188801	NonCancer	0.00E+00	6.42E-07	0.00E+00	4.26E-08	4.26E-08	4.26E-08	9.64E-06	0.00E+00	1.60E-06	0.00E+00	4.26E-08	2.48E-05	0.00E+00	0.00E+00	2.48E-05
2331	ALL	654499.5	4188817	NonCancer	0.00E+00	6.30E-07	0.00E+00	4.18E-08	4.18E-08	4.18E-08	9.61E-06	0.00E+00	1.57E-06	0.00E+00	4.18E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
2332	ALL	654459	4188833	NonCancer	0.00E+00	6.24E-07	0.00E+00	4.14E-08	4.14E-08	4.14E-08	9.59E-06	0.00E+00	1.56E-06	0.00E+00	4.14E-08	2.43E-05	0.00E+00	0.00E+00	2.43E-05
2333	ALL	654418.5	4188849	NonCancer	0.00E+00	6.32E-07	0.00E+00	4.19E-08	4.19E-08	4.19E-08	9.62E-06	0.00E+00	1.58E-06	0.00E+00	4.19E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
2334	ALL	654377.9	4188865	NonCancer	0.00E+00	6.46E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.70E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2335	ALL	654337.4	4188881	NonCancer	0.00E+00	6.52E-07	0.00E+00	4.32E-08	4.32E-08	4.32E-08	9.76E-06	0.00E+00	1.62E-06	0.00E+00	4.32E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
2336	ALL	654296.9	4188897	NonCancer	0.00E+00	6.48E-07	0.00E+00	4.30E-08	4.30E-08	4.30E-08	9.78E-06	0.00E+00	1.62E-06	0.00E+00	4.30E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
2337	ALL	654256.3	4188913	NonCancer	0.00E+00	6.44E-07	0.00E+00	4.27E-08	4.27E-08	4.27E-08	9.77E-06	0.00E+00	1.61E-06	0.00E+00	4.27E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2338	ALL	654215.8	4188929	NonCancer	0.00E+00	6.46E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.76E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2339	ALL	654175.3	4188945	NonCancer	0.00E+00	6.50E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	9.76E-06	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
2340	ALL	654134.7	4188961	NonCancer	0.00E+00	6.47E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.72E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
2341	ALL	654094.2	4188977	NonCancer	0.00E+00	6.36E-07	0.00E+00	4.22E-08	4.22E-08	4.22E-08	9.64E-06	0.00E+00	1.58E-06	0.00E+00	4.22E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
2342	ALL	654053.7	4188993	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.53E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.42E-05	0.00E+00	0.00E+00	2.42E-05
2343	ALL	654013.1	4189009	NonCancer	0.00E+00	6.14E-07	0.00E+00	4.07E-08	4.07E-08	4.07E-08	9.42E-06	0.00E+00	1.53E-06	0.00E+00	4.07E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
2344	ALL	653972.6	4189025	NonCancer	0.00E+00	6.11E-07	0.00E+00	4.05E-08	4.05E-08	4.05E-08	9.33E-06	0.00E+00	1.52E-06	0.00E+00	4.05E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
2345	ALL	653932.1	4189041	NonCancer	0.00E+00	6.09E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.25E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.36E-05	0.00E+00	0.00E+00	2.36E-05
2346	ALL	653891.6	4189057	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	9.17E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
2347	ALL	653851	4189073	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.07E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
2348	ALL	654909.3	4188044	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.83E-08	8.83E-08	8.83E-08	1.92E-05	0.00E+00	3.31E-06	0.00E+00	8.83E-08	5.08E-05	0.00E+00	0.00E+00	5.08E-05
2349	ALL	654912.5	4188000	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.92E-08	8.92E-08	8.92E-08	1.94E-05	0.00E+00	3.35E-06	0.00E+00	8.92E-08	5.14E-05	0.00E+00	0.00E+00	5.14E-05

2350	ALL	654915.6	4187955	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.01E-08	9.01E-08	9.01E-08	1.96E-05	0.00E+00	3.38E-06	0.00E+00	9.01E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
2351	ALL	655147.6	4188104	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.35E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
2352	ALL	655128.7	4188144	NonCancer	0.00E+00	9.53E-07	0.00E+00	6.32E-08	6.32E-08	6.32E-08	1.38E-05	0.00E+00	2.37E-06	0.00E+00	6.32E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
2353	ALL	655109.7	4188183	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.37E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.60E-05	0.00E+00	0.00E+00	3.60E-05
2354	ALL	655090.8	4188223	NonCancer	0.00E+00	9.18E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.35E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.53E-05	0.00E+00	0.00E+00	3.53E-05
2355	ALL	655071.8	4188263	NonCancer	0.00E+00	8.93E-07	0.00E+00	5.92E-08	5.92E-08	5.92E-08	1.32E-05	0.00E+00	2.22E-06	0.00E+00	5.92E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
2356	ALL	655052.9	4188302	NonCancer	0.00E+00	8.65E-07	0.00E+00	5.74E-08	5.74E-08	5.74E-08	1.29E-05	0.00E+00	2.15E-06	0.00E+00	5.74E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
2357	ALL	655033.9	4188342	NonCancer	0.00E+00	8.36E-07	0.00E+00	5.54E-08	5.54E-08	5.54E-08	1.25E-05	0.00E+00	2.08E-06	0.00E+00	5.54E-08	3.23E-05	0.00E+00	0.00E+00	3.23E-05
2358	ALL	655015	4188382	NonCancer	0.00E+00	8.07E-07	0.00E+00	5.36E-08	5.36E-08	5.36E-08	1.21E-05	0.00E+00	2.01E-06	0.00E+00	5.36E-08	3.12E-05	0.00E+00	0.00E+00	3.12E-05
2359	ALL	654996	4188421	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.18E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.03E-05	0.00E+00	0.00E+00	3.03E-05
2360	ALL	654977.1	4188461	NonCancer	0.00E+00	7.61E-07	0.00E+00	5.05E-08	5.05E-08	5.05E-08	1.14E-05	0.00E+00	1.90E-06	0.00E+00	5.05E-08	2.94E-05	0.00E+00	0.00E+00	2.94E-05
2361	ALL	654958.1	4188501	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.11E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.86E-05	0.00E+00	0.00E+00	2.86E-05
2362	ALL	654939.2	4188540	NonCancer	0.00E+00	7.13E-07	0.00E+00	4.73E-08	4.73E-08	4.73E-08	1.07E-05	0.00E+00	1.78E-06	0.00E+00	4.73E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
2363	ALL	654920.2	4188580	NonCancer	0.00E+00	6.83E-07	0.00E+00	4.53E-08	4.53E-08	4.53E-08	1.03E-05	0.00E+00	1.70E-06	0.00E+00	4.53E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
2364	ALL	654901.3	4188619	NonCancer	0.00E+00	6.49E-07	0.00E+00	4.30E-08	4.30E-08	4.30E-08	9.82E-06	0.00E+00	1.62E-06	0.00E+00	4.30E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
2365	ALL	654882.3	4188659	NonCancer	0.00E+00	6.16E-07	0.00E+00	4.08E-08	4.08E-08	4.08E-08	9.36E-06	0.00E+00	1.54E-06	0.00E+00	4.08E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
2366	ALL	654863.4	4188699	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.93E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2367	ALL	654844.4	4188738	NonCancer	0.00E+00	5.61E-07	0.00E+00	3.72E-08	3.72E-08	3.72E-08	8.54E-06	0.00E+00	1.40E-06	0.00E+00	3.72E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
2368	ALL	654825.5	4188778	NonCancer	0.00E+00	5.40E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	8.21E-06	0.00E+00	1.35E-06	0.00E+00	3.58E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
2369	ALL	654806.5	4188818	NonCancer	0.00E+00	5.22E-07	0.00E+00	3.46E-08	3.46E-08	3.46E-08	7.92E-06	0.00E+00	1.30E-06	0.00E+00	3.46E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
2370	ALL	654787.6	4188857	NonCancer	0.00E+00	5.09E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.67E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
2371	ALL	654768.6	4188897	NonCancer	0.00E+00	4.99E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.44E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
2372	ALL	654749.7	4188937	NonCancer	0.00E+00	4.87E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.22E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2373	ALL	654710.3	4188984	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	6.97E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2374	ALL	654669.4	4189001	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.02E-08	3.02E-08	3.02E-08	6.94E-06	0.00E+00	1.13E-06	0.00E+00	3.02E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
2375	ALL	654628.5	4189017	NonCancer	0.00E+00	4.49E-07	0.00E+00	2.98E-08	2.98E-08	2.98E-08	6.91E-06	0.00E+00	1.12E-06	0.00E+00	2.98E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
2376	ALL	654587.6	4189033	NonCancer	0.00E+00	4.51E-07	0.00E+00	2.99E-08	2.99E-08	2.99E-08	6.92E-06	0.00E+00	1.13E-06	0.00E+00	2.99E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2377	ALL	654546.7	4189049	NonCancer	0.00E+00	4.61E-07	0.00E+00	3.05E-08	3.05E-08	3.05E-08	6.96E-06	0.00E+00	1.15E-06	0.00E+00	3.05E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
2378	ALL	654505.8	4189065	NonCancer	0.00E+00	4.69E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.02E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2379	ALL	654464.9	4189081	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	7.05E-06	0.00E+00	1.17E-06	0.00E+00	3.13E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
2380	ALL	654424	4189097	NonCancer	0.00E+00	4.69E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.06E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2381	ALL	654383.1	4189113	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	7.05E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2382	ALL	654342.2	4189129	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	7.04E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
2383	ALL	654301.3	4189145	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	7.05E-06	0.00E+00	1.17E-06	0.00E+00	3.10E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2384	ALL	654260.4	4189162	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.04E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
2385	ALL	654219.5	4189178	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	7.02E-06	0.00E+00	1.17E-06	0.00E+00	3.10E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
2386	ALL	654178.6	4189194	NonCancer	0.00E+00	4.60E-07	0.00E+00	3.05E-08	3.05E-08	3.05E-08	6.97E-06	0.00E+00	1.15E-06	0.00E+00	3.05E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
2387	ALL	654137.7	4189210	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.90E-06	0.00E+00	1.13E-06	0.00E+00	3.00E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2388	ALL	654096.8	4189226	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.82E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
2389	ALL	654055.9	4189242	NonCancer	0.00E+00	4.41E-07	0.00E+00	2.93E-08	2.93E-08	2.93E-08	6.75E-06	0.00E+00	1.10E-06	0.00E+00	2.93E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2390	ALL	654015	4189258	NonCancer	0.00E+00	4.40E-07	0.00E+00	2.92E-08	2.92E-08	2.92E-08	6.71E-06	0.00E+00	1.10E-06	0.00E+00	2.92E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
2391	ALL	653974.1	4189274	NonCancer	0.00E+00	4.40E-07	0.00E+00	2.92E-08	2.92E-08	2.92E-08	6.67E-06	0.00E+00	1.10E-06	0.00E+00	2.92E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
2392	ALL	653933.2	4189290	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.63E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
2393	ALL	653892.3	4189306	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.57E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
2394	ALL	653851.4	4189323	NonCancer	0.00E+00	4.28E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.50E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2395	ALL	655158.7	4188062	NonCancer	0.00E+00	9.61E-07	0.00E+00	6.38E-08	6.38E-08	6.38E-08	1.39E-05	0.00E+00	2.39E-06	0.00E+00	6.38E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
2396	ALL	655161.8	4188017	NonCancer	0.00E+00	9.69E-07	0.00E+00	6.43E-08	6.43E-08	6.43E-08	1.41E-05	0.00E+00	2.41E-06	0.00E+00	6.43E-08	3.71E-05	0.00E+00	0.00E+00	3.71E-05
2397	ALL	655165	4187973	NonCancer	0.00E+00	9.76E-07	0.00E+00	6.47E-08	6.47E-08	6.47E-08	1.42E-05	0.00E+00	2.43E-06	0.00E+00	6.47E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
2398	ALL	655397	4188122	NonCancer	0.00E+00	7.31E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
2399	ALL	655377.9	4188162	NonCancer	0.00E+00	7.30E-07	0.00E+00	4.84E-08	4.84E-08	4.84E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.84E-08	2.79E-05	0.00E+00	0.00E+00	2.79E-05

2400	ALL	655358.8	4188202	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.80E-08	4.80E-08	4.80E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.80E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
2401	ALL	655339.7	4188241	NonCancer	0.00E+00	7.11E-07	0.00E+00	4.72E-08	4.72E-08	4.72E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.72E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
2402	ALL	655320.7	4188281	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.03E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
2403	ALL	655301.6	4188321	NonCancer	0.00E+00	6.78E-07	0.00E+00	4.50E-08	4.50E-08	4.50E-08	1.01E-05	0.00E+00	1.69E-06	0.00E+00	4.50E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
2404	ALL	655282.5	4188361	NonCancer	0.00E+00	6.60E-07	0.00E+00	4.38E-08	4.38E-08	4.38E-08	9.83E-06	0.00E+00	1.64E-06	0.00E+00	4.38E-08	2.55E-05	0.00E+00	0.00E+00	2.55E-05
2405	ALL	655263.5	4188401	NonCancer	0.00E+00	6.41E-07	0.00E+00	4.25E-08	4.25E-08	4.25E-08	9.58E-06	0.00E+00	1.60E-06	0.00E+00	4.25E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
2406	ALL	655244.4	4188441	NonCancer	0.00E+00	6.21E-07	0.00E+00	4.12E-08	4.12E-08	4.12E-08	9.34E-06	0.00E+00	1.55E-06	0.00E+00	4.12E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
2407	ALL	655225.3	4188481	NonCancer	0.00E+00	6.04E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.10E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
2408	ALL	655206.3	4188521	NonCancer	0.00E+00	5.89E-07	0.00E+00	3.91E-08	3.91E-08	3.91E-08	8.87E-06	0.00E+00	1.47E-06	0.00E+00	3.91E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
2409	ALL	655187.2	4188561	NonCancer	0.00E+00	5.76E-07	0.00E+00	3.82E-08	3.82E-08	3.82E-08	8.65E-06	0.00E+00	1.43E-06	0.00E+00	3.82E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
2410	ALL	655168.1	4188601	NonCancer	0.00E+00	5.62E-07	0.00E+00	3.73E-08	3.73E-08	3.73E-08	8.43E-06	0.00E+00	1.40E-06	0.00E+00	3.73E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
2411	ALL	655149.1	4188641	NonCancer	0.00E+00	5.45E-07	0.00E+00	3.62E-08	3.62E-08	3.62E-08	8.18E-06	0.00E+00	1.36E-06	0.00E+00	3.62E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
2412	ALL	655130	4188680	NonCancer	0.00E+00	5.26E-07	0.00E+00	3.49E-08	3.49E-08	3.49E-08	7.90E-06	0.00E+00	1.31E-06	0.00E+00	3.49E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
2413	ALL	655110.9	4188720	NonCancer	0.00E+00	5.04E-07	0.00E+00	3.34E-08	3.34E-08	3.34E-08	7.61E-06	0.00E+00	1.26E-06	0.00E+00	3.34E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
2414	ALL	655091.8	4188760	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.30E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2415	ALL	655072.8	4188800	NonCancer	0.00E+00	4.61E-07	0.00E+00	3.06E-08	3.06E-08	3.06E-08	7.01E-06	0.00E+00	1.15E-06	0.00E+00	3.06E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
2416	ALL	655053.7	4188840	NonCancer	0.00E+00	4.43E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.74E-06	0.00E+00	1.10E-06	0.00E+00	2.94E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2417	ALL	655034.6	4188880	NonCancer	0.00E+00	4.27E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.49E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
2418	ALL	655015.6	4188920	NonCancer	0.00E+00	4.13E-07	0.00E+00	2.74E-08	2.74E-08	2.74E-08	6.28E-06	0.00E+00	1.03E-06	0.00E+00	2.74E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
2419	ALL	654996.5	4188960	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	6.09E-06	0.00E+00	1.00E-06	0.00E+00	2.66E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
2420	ALL	654977.4	4189000	NonCancer	0.00E+00	3.92E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	5.92E-06	0.00E+00	9.78E-07	0.00E+00	2.60E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2421	ALL	654958.4	4189040	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.78E-06	0.00E+00	9.61E-07	0.00E+00	2.56E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
2422	ALL	654939.3	4189080	NonCancer	0.00E+00	3.80E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.65E-06	0.00E+00	9.46E-07	0.00E+00	2.52E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
2423	ALL	654920.2	4189119	NonCancer	0.00E+00	3.71E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.50E-06	0.00E+00	9.24E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
2424	ALL	654880.6	4189167	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.32E-06	0.00E+00	8.84E-07	0.00E+00	2.35E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2425	ALL	654839.4	4189184	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.30E-06	0.00E+00	8.66E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2426	ALL	654798.3	4189200	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.27E-06	0.00E+00	8.52E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2427	ALL	654757.1	4189216	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.26E-06	0.00E+00	8.52E-07	0.00E+00	2.26E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2428	ALL	654715.9	4189232	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.28E-06	0.00E+00	8.64E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2429	ALL	654674.8	4189248	NonCancer	0.00E+00	3.54E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.32E-06	0.00E+00	8.82E-07	0.00E+00	2.35E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2430	ALL	654633.6	4189265	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.36E-06	0.00E+00	8.95E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2431	ALL	654592.5	4189281	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.38E-06	0.00E+00	8.97E-07	0.00E+00	2.39E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2432	ALL	654551.3	4189297	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.39E-06	0.00E+00	8.91E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2433	ALL	654510.2	4189313	NonCancer	0.00E+00	3.54E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.38E-06	0.00E+00	8.84E-07	0.00E+00	2.35E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2434	ALL	654469	4189329	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.37E-06	0.00E+00	8.81E-07	0.00E+00	2.34E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
2435	ALL	654427.8	4189346	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.37E-06	0.00E+00	8.85E-07	0.00E+00	2.36E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2436	ALL	654386.7	4189362	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.37E-06	0.00E+00	8.92E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2437	ALL	654345.5	4189378	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.38E-06	0.00E+00	8.95E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
2438	ALL	654304.4	4189394	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.36E-06	0.00E+00	8.90E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2439	ALL	654263.2	4189410	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.32E-06	0.00E+00	8.78E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
2440	ALL	654222.1	4189427	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.27E-06	0.00E+00	8.63E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
2441	ALL	654180.9	4189443	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.22E-06	0.00E+00	8.50E-07	0.00E+00	2.26E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
2442	ALL	654139.7	4189459	NonCancer	0.00E+00	3.37E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.17E-06	0.00E+00	8.42E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2443	ALL	654098.6	4189475	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.13E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2444	ALL	654057.4	4189491	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.10E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2445	ALL	654016.3	4189508	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.08E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2446	ALL	653975.1	4189524	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.06E-06	0.00E+00	8.36E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2447	ALL	653934	4189540	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.02E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
2448	ALL	653892.8	4189556	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.98E-06	0.00E+00	8.20E-07	0.00E+00	2.18E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
2449	ALL	653851.7	4189572	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.93E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05

2450	ALL	655408.1	4188080	NonCancer	0.00E+00	7.33E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.07E-05	0.00E+00	1.82E-06	0.00E+00	4.86E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
2451	ALL	655411.2	4188035	NonCancer	0.00E+00	7.37E-07	0.00E+00	4.89E-08	4.89E-08	4.89E-08	1.07E-05	0.00E+00	1.83E-06	0.00E+00	4.89E-08	2.83E-05	0.00E+00	0.00E+00	2.83E-05
2452	ALL	655414.4	4187991	NonCancer	0.00E+00	7.41E-07	0.00E+00	4.91E-08	4.91E-08	4.91E-08	1.08E-05	0.00E+00	1.84E-06	0.00E+00	4.91E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
2453	ALL	655646.3	4188139	NonCancer	0.00E+00	5.80E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.44E-06	0.00E+00	1.44E-06	0.00E+00	3.85E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
2454	ALL	655627.1	4188180	NonCancer	0.00E+00	5.80E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.44E-06	0.00E+00	1.44E-06	0.00E+00	3.85E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
2455	ALL	655608	4188220	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.41E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.21E-05	0.00E+00	0.00E+00	2.21E-05
2456	ALL	655588.8	4188260	NonCancer	0.00E+00	5.69E-07	0.00E+00	3.78E-08	3.78E-08	3.78E-08	8.34E-06	0.00E+00	1.42E-06	0.00E+00	3.78E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
2457	ALL	655569.7	4188300	NonCancer	0.00E+00	5.59E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.24E-06	0.00E+00	1.39E-06	0.00E+00	3.71E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
2458	ALL	655550.5	4188340	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.11E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
2459	ALL	655531.3	4188380	NonCancer	0.00E+00	5.36E-07	0.00E+00	3.56E-08	3.56E-08	3.56E-08	7.96E-06	0.00E+00	1.34E-06	0.00E+00	3.56E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
2460	ALL	655512.2	4188420	NonCancer	0.00E+00	5.23E-07	0.00E+00	3.47E-08	3.47E-08	3.47E-08	7.80E-06	0.00E+00	1.30E-06	0.00E+00	3.47E-08	2.02E-05	0.00E+00	0.00E+00	2.02E-05
2461	ALL	655493	4188460	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.63E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
2462	ALL	655473.9	4188500	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.45E-06	0.00E+00	1.24E-06	0.00E+00	3.29E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
2463	ALL	655454.7	4188540	NonCancer	0.00E+00	4.83E-07	0.00E+00	3.21E-08	3.21E-08	3.21E-08	7.28E-06	0.00E+00	1.20E-06	0.00E+00	3.21E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
2464	ALL	655435.6	4188581	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	7.12E-06	0.00E+00	1.18E-06	0.00E+00	3.13E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
2465	ALL	655416.4	4188621	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.97E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
2466	ALL	655397.2	4188661	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.82E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
2467	ALL	655378.1	4188701	NonCancer	0.00E+00	4.44E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.67E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
2468	ALL	655358.9	4188741	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.87E-08	2.87E-08	2.87E-08	6.50E-06	0.00E+00	1.08E-06	0.00E+00	2.87E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
2469	ALL	655339.8	4188781	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.31E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
2470	ALL	655320.6	4188821	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.10E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
2471	ALL	655301.4	4188861	NonCancer	0.00E+00	3.89E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	5.89E-06	0.00E+00	9.70E-07	0.00E+00	2.58E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
2472	ALL	655282.3	4188901	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.68E-06	0.00E+00	9.33E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
2473	ALL	655263.1	4188941	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.48E-06	0.00E+00	9.00E-07	0.00E+00	2.39E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
2474	ALL	655244	4188981	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.30E-06	0.00E+00	8.69E-07	0.00E+00	2.31E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2475	ALL	655224.8	4189022	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.13E-06	0.00E+00	8.42E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
2476	ALL	655205.7	4189062	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.99E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2477	ALL	655186.5	4189102	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.86E-06	0.00E+00	7.98E-07	0.00E+00	2.12E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
2478	ALL	655167.3	4189142	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.74E-06	0.00E+00	7.81E-07	0.00E+00	2.08E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
2479	ALL	655148.2	4189182	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.64E-06	0.00E+00	7.70E-07	0.00E+00	2.05E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
2480	ALL	655129	4189222	NonCancer	0.00E+00	3.05E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.55E-06	0.00E+00	7.61E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
2481	ALL	655109.9	4189262	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.46E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
2482	ALL	655090.7	4189302	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.36E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
2483	ALL	655050.9	4189350	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.23E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2484	ALL	655009.5	4189367	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.20E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2485	ALL	654968.2	4189383	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.18E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2486	ALL	654926.8	4189399	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.16E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
2487	ALL	654885.5	4189416	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.17E-06	0.00E+00	6.78E-07	0.00E+00	1.80E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2488	ALL	654844.2	4189432	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.19E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2489	ALL	654802.8	4189448	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.23E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2490	ALL	654761.5	4189464	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.26E-06	0.00E+00	7.12E-07	0.00E+00	1.90E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2491	ALL	654720.1	4189481	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.27E-06	0.00E+00	7.13E-07	0.00E+00	1.90E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2492	ALL	654678.8	4189497	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.27E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2493	ALL	654637.4	4189513	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.27E-06	0.00E+00	7.01E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2494	ALL	654596.1	4189529	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.26E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2495	ALL	654554.7	4189546	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.25E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2496	ALL	654513.4	4189562	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.26E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2497	ALL	654472	4189578	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.27E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2498	ALL	654430.7	4189595	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.27E-06	0.00E+00	7.11E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2499	ALL	654389.3	4189611	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.25E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05

2500	ALL	654348	4189627	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.23E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
2501	ALL	654306.7	4189643	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.19E-06	0.00E+00	6.87E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2502	ALL	654265.3	4189660	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.15E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2503	ALL	654224	4189676	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.11E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2504	ALL	654182.6	4189692	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.08E-06	0.00E+00	6.65E-07	0.00E+00	1.77E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2505	ALL	654141.3	4189708	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	4.06E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2506	ALL	654099.9	4189725	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.04E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2507	ALL	654058.6	4189741	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.03E-06	0.00E+00	6.65E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2508	ALL	654017.2	4189757	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.01E-06	0.00E+00	6.64E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2509	ALL	653975.9	4189774	NonCancer	0.00E+00	2.65E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.99E-06	0.00E+00	6.61E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2510	ALL	653934.5	4189790	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.97E-06	0.00E+00	6.55E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
2511	ALL	653893.2	4189806	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.93E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2512	ALL	653851.8	4189822	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.89E-06	0.00E+00	6.37E-07	0.00E+00	1.69E-08	9.92E-06	0.00E+00	0.00E+00	9.92E-06
2513	ALL	655657.4	4188097	NonCancer	0.00E+00	5.81E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.46E-06	0.00E+00	1.44E-06	0.00E+00	3.85E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
2514	ALL	655660.6	4188053	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	8.53E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
2515	ALL	655663.7	4188008	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.59E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
2516	ALL	656145.1	4188175	NonCancer	0.00E+00	3.95E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.78E-06	0.00E+00	9.84E-07	0.00E+00	2.62E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2517	ALL	656126.1	4188215	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.79E-06	0.00E+00	9.87E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2518	ALL	656107	4188254	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.78E-06	0.00E+00	9.85E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2519	ALL	656088	4188294	NonCancer	0.00E+00	3.93E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.75E-06	0.00E+00	9.78E-07	0.00E+00	2.61E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
2520	ALL	656069	4188334	NonCancer	0.00E+00	3.89E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	5.71E-06	0.00E+00	9.67E-07	0.00E+00	2.58E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
2521	ALL	656049.9	4188374	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.65E-06	0.00E+00	9.54E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
2522	ALL	656030.9	4188414	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.58E-06	0.00E+00	9.38E-07	0.00E+00	2.50E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
2523	ALL	656011.9	4188454	NonCancer	0.00E+00	3.71E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.51E-06	0.00E+00	9.23E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
2524	ALL	655992.8	4188493	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.42E-06	0.00E+00	9.07E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
2525	ALL	655973.8	4188533	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.33E-06	0.00E+00	8.90E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
2526	ALL	655954.8	4188573	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.24E-06	0.00E+00	8.72E-07	0.00E+00	2.32E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
2527	ALL	655935.8	4188613	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.14E-06	0.00E+00	8.53E-07	0.00E+00	2.27E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
2528	ALL	655916.7	4188653	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.04E-06	0.00E+00	8.35E-07	0.00E+00	2.22E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
2529	ALL	655897.7	4188692	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.95E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
2530	ALL	655878.7	4188732	NonCancer	0.00E+00	3.22E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.86E-06	0.00E+00	8.03E-07	0.00E+00	2.14E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
2531	ALL	655859.6	4188772	NonCancer	0.00E+00	3.17E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.78E-06	0.00E+00	7.90E-07	0.00E+00	2.10E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
2532	ALL	655840.6	4188812	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.71E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
2533	ALL	655821.6	4188852	NonCancer	0.00E+00	3.08E-07	0.00E+00	2.04E-08	2.04E-08	2.04E-08	4.63E-06	0.00E+00	7.67E-07	0.00E+00	2.04E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
2534	ALL	655802.5	4188892	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.55E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
2535	ALL	655783.5	4188931	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.46E-06	0.00E+00	7.41E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
2536	ALL	655764.5	4188971	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.36E-06	0.00E+00	7.24E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2537	ALL	655745.4	4189011	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.25E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
2538	ALL	655726.4	4189051	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.14E-06	0.00E+00	6.85E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2539	ALL	655707.4	4189091	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.03E-06	0.00E+00	6.64E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2540	ALL	655688.3	4189131	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.91E-06	0.00E+00	6.44E-07	0.00E+00	1.71E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
2541	ALL	655669.3	4189170	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.80E-06	0.00E+00	6.25E-07	0.00E+00	1.66E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
2542	ALL	655650.3	4189210	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.70E-06	0.00E+00	6.08E-07	0.00E+00	1.62E-08	9.46E-06	0.00E+00	0.00E+00	9.46E-06
2543	ALL	655631.2	4189250	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.61E-06	0.00E+00	5.92E-07	0.00E+00	1.58E-08	9.22E-06	0.00E+00	0.00E+00	9.22E-06
2544	ALL	655612.2	4189290	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.52E-06	0.00E+00	5.78E-07	0.00E+00	1.54E-08	8.99E-06	0.00E+00	0.00E+00	8.99E-06
2545	ALL	655593.2	4189330	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.44E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
2546	ALL	655574.2	4189370	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.37E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2547	ALL	655555.1	4189409	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.30E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.45E-06	0.00E+00	0.00E+00	8.45E-06
2548	ALL	655536.1	4189449	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.25E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
2549	ALL	655517.1	4189489	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.20E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.21E-06	0.00E+00	0.00E+00	8.21E-06

2550	ALL	655498	4189529	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.15E-06	0.00E+00	5.25E-07	0.00E+00	1.40E-08	8.13E-06	0.00E+00	0.00E+00	8.13E-06
2551	ALL	655479	4189569	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.11E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
2552	ALL	655460	4189609	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.06E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	7.96E-06	0.00E+00	0.00E+00	7.96E-06
2553	ALL	655440.9	4189648	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.00E-06	0.00E+00	5.07E-07	0.00E+00	1.35E-08	7.82E-06	0.00E+00	0.00E+00	7.82E-06
2554	ALL	655421.9	4189688	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.94E-06	0.00E+00	4.93E-07	0.00E+00	1.31E-08	7.62E-06	0.00E+00	0.00E+00	7.62E-06
2555	ALL	655391.8	4189716	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.81E-07	0.00E+00	1.28E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
2556	ALL	655350.8	4189732	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.87E-06	0.00E+00	4.71E-07	0.00E+00	1.25E-08	7.34E-06	0.00E+00	0.00E+00	7.34E-06
2557	ALL	655309.7	4189749	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.85E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06
2558	ALL	655268.6	4189765	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.84E-06	0.00E+00	4.57E-07	0.00E+00	1.21E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
2559	ALL	655227.6	4189781	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.83E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
2560	ALL	655186.5	4189797	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.84E-06	0.00E+00	4.61E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
2561	ALL	655145.4	4189813	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.85E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
2562	ALL	655104.3	4189829	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.88E-06	0.00E+00	4.78E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2563	ALL	655063.3	4189846	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.90E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.50E-06	0.00E+00	0.00E+00	7.50E-06
2564	ALL	655022.2	4189862	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.91E-06	0.00E+00	4.88E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
2565	ALL	654981.1	4189878	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.92E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
2566	ALL	654940	4189894	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.92E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.51E-06	0.00E+00	0.00E+00	7.51E-06
2567	ALL	654899	4189910	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.91E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
2568	ALL	654857.9	4189926	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.90E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2569	ALL	654816.8	4189943	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.90E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.39E-06	0.00E+00	0.00E+00	7.39E-06
2570	ALL	654775.7	4189959	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.90E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
2571	ALL	654734.7	4189975	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
2572	ALL	654693.6	4189991	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.83E-07	0.00E+00	1.29E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
2573	ALL	654652.5	4190007	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.52E-06	0.00E+00	0.00E+00	7.52E-06
2574	ALL	654611.4	4190023	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
2575	ALL	654570.4	4190040	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.91E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.50E-06	0.00E+00	0.00E+00	7.50E-06
2576	ALL	654529.3	4190056	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.44E-06	0.00E+00	0.00E+00	7.44E-06
2577	ALL	654488.2	4190072	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
2578	ALL	654447.1	4190088	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.85E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.28E-06	0.00E+00	0.00E+00	7.28E-06
2579	ALL	654406.1	4190104	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.83E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
2580	ALL	654365	4190120	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.80E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.14E-06	0.00E+00	0.00E+00	7.14E-06
2581	ALL	654323.9	4190137	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
2582	ALL	654282.8	4190153	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.77E-06	0.00E+00	4.53E-07	0.00E+00	1.20E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
2583	ALL	654241.8	4190169	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.76E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2584	ALL	654200.7	4190185	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.76E-06	0.00E+00	4.53E-07	0.00E+00	1.20E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2585	ALL	654159.6	4190201	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
2586	ALL	654118.6	4190217	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
2587	ALL	654077.5	4190234	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
2588	ALL	654036.4	4190250	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.02E-06	0.00E+00	0.00E+00	7.02E-06
2589	ALL	653995.3	4190266	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.49E-07	0.00E+00	1.20E-08	6.97E-06	0.00E+00	0.00E+00	6.97E-06
2590	ALL	653954.3	4190282	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.70E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
2591	ALL	653913.2	4190298	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.68E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.84E-06	0.00E+00	0.00E+00	6.84E-06
2592	ALL	653872.1	4190314	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.65E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2593	ALL	656156.2	4188133	NonCancer	0.00E+00	3.95E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.79E-06	0.00E+00	9.84E-07	0.00E+00	2.62E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2594	ALL	656159.3	4188088	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.82E-06	0.00E+00	9.86E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
2595	ALL	656162.5	4188044	NonCancer	0.00E+00	3.97E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.85E-06	0.00E+00	9.88E-07	0.00E+00	2.63E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
2596	ALL	656643.8	4188210	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.25E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2597	ALL	656624.6	4188250	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.26E-06	0.00E+00	7.24E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2598	ALL	656605.5	4188290	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.26E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2599	ALL	656586.3	4188330	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.25E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05

2600	ALL	656567.2	4188370	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.23E-06	0.00E+00	7.17E-07	0.00E+00	1.91E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2601	ALL	656548	4188411	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.20E-06	0.00E+00	7.10E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
2602	ALL	656528.9	4188451	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.16E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
2603	ALL	656509.7	4188491	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.12E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
2604	ALL	656490.6	4188531	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.07E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
2605	ALL	656471.4	4188571	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.02E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
2606	ALL	656452.3	4188611	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.97E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
2607	ALL	656433.1	4188651	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.91E-06	0.00E+00	6.52E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
2608	ALL	656414	4188691	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.85E-06	0.00E+00	6.41E-07	0.00E+00	1.71E-08	9.94E-06	0.00E+00	0.00E+00	9.94E-06
2609	ALL	656394.8	4188731	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.79E-06	0.00E+00	6.29E-07	0.00E+00	1.68E-08	9.76E-06	0.00E+00	0.00E+00	9.76E-06
2610	ALL	656375.7	4188771	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.73E-06	0.00E+00	6.17E-07	0.00E+00	1.64E-08	9.59E-06	0.00E+00	0.00E+00	9.59E-06
2611	ALL	656356.5	4188811	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.67E-06	0.00E+00	6.06E-07	0.00E+00	1.61E-08	9.42E-06	0.00E+00	0.00E+00	9.42E-06
2612	ALL	656337.4	4188851	NonCancer	0.00E+00	2.39E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.61E-06	0.00E+00	5.96E-07	0.00E+00	1.59E-08	9.27E-06	0.00E+00	0.00E+00	9.27E-06
2613	ALL	656318.2	4188892	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.56E-06	0.00E+00	5.87E-07	0.00E+00	1.56E-08	9.13E-06	0.00E+00	0.00E+00	9.13E-06
2614	ALL	656299	4188932	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.51E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	9.01E-06	0.00E+00	0.00E+00	9.01E-06
2615	ALL	656279.9	4188972	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.47E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.90E-06	0.00E+00	0.00E+00	8.90E-06
2616	ALL	656260.7	4189012	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.42E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
2617	ALL	656241.6	4189052	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.38E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
2618	ALL	656222.4	4189092	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.33E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
2619	ALL	656203.3	4189132	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.27E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
2620	ALL	656184.1	4189172	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.21E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.28E-06	0.00E+00	0.00E+00	8.28E-06
2621	ALL	656165	4189212	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.15E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.11E-06	0.00E+00	0.00E+00	8.11E-06
2622	ALL	656145.8	4189252	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.08E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.92E-06	0.00E+00	0.00E+00	7.92E-06
2623	ALL	656126.7	4189292	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.01E-06	0.00E+00	4.98E-07	0.00E+00	1.32E-08	7.73E-06	0.00E+00	0.00E+00	7.73E-06
2624	ALL	656107.5	4189332	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.54E-06	0.00E+00	0.00E+00	7.54E-06
2625	ALL	656088.4	4189373	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
2626	ALL	656069.2	4189413	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.81E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.18E-06	0.00E+00	0.00E+00	7.18E-06
2627	ALL	656050.1	4189453	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.74E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
2628	ALL	656030.9	4189493	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.68E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2629	ALL	656011.8	4189533	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.63E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
2630	ALL	655992.6	4189573	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
2631	ALL	655973.5	4189613	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.15E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
2632	ALL	655954.3	4189653	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.35E-06	0.00E+00	0.00E+00	6.35E-06
2633	ALL	655935.2	4189693	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.44E-06	0.00E+00	4.01E-07	0.00E+00	1.07E-08	6.25E-06	0.00E+00	0.00E+00	6.25E-06
2634	ALL	655916	4189733	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.96E-07	0.00E+00	1.05E-08	6.16E-06	0.00E+00	0.00E+00	6.16E-06
2635	ALL	655896.9	4189773	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.38E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
2636	ALL	655877.7	4189813	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.35E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
2637	ALL	655858.5	4189853	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
2638	ALL	655839.4	4189894	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.30E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	5.97E-06	0.00E+00	0.00E+00	5.97E-06
2639	ALL	655820.2	4189934	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.28E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.92E-06	0.00E+00	0.00E+00	5.92E-06
2640	ALL	655801.1	4189974	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.24E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
2641	ALL	655781.9	4190014	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.92E-09	9.92E-09	9.92E-09	2.21E-06	0.00E+00	3.72E-07	0.00E+00	9.92E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
2642	ALL	655762.8	4190054	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.66E-09	9.66E-09	9.66E-09	2.16E-06	0.00E+00	3.63E-07	0.00E+00	9.66E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
2643	ALL	655732.5	4190082	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.43E-09	9.43E-09	9.43E-09	2.13E-06	0.00E+00	3.54E-07	0.00E+00	9.43E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2644	ALL	655691.2	4190098	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.25E-09	9.25E-09	9.25E-09	2.12E-06	0.00E+00	3.48E-07	0.00E+00	9.25E-09	5.41E-06	0.00E+00	0.00E+00	5.41E-06
2645	ALL	655649.9	4190115	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.07E-09	9.07E-09	9.07E-09	2.10E-06	0.00E+00	3.41E-07	0.00E+00	9.07E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2646	ALL	655608.5	4190131	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.93E-09	8.93E-09	8.93E-09	2.09E-06	0.00E+00	3.36E-07	0.00E+00	8.93E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
2647	ALL	655567.2	4190147	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.88E-09	8.88E-09	8.88E-09	2.08E-06	0.00E+00	3.34E-07	0.00E+00	8.88E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
2648	ALL	655525.9	4190163	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.08E-06	0.00E+00	3.35E-07	0.00E+00	8.90E-09	5.24E-06	0.00E+00	0.00E+00	5.24E-06
2649	ALL	655484.5	4190180	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.01E-09	9.01E-09	9.01E-09	2.08E-06	0.00E+00	3.39E-07	0.00E+00	9.01E-09	5.29E-06	0.00E+00	0.00E+00	5.29E-06

2650	ALL	655443.2	4190196	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.16E-09	9.16E-09	9.16E-09	2.09E-06	0.00E+00	3.44E-07	0.00E+00	9.16E-09	5.36E-06	0.00E+00	0.00E+00	5.36E-06
2651	ALL	655401.9	4190212	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.32E-09	9.32E-09	9.32E-09	2.11E-06	0.00E+00	3.50E-07	0.00E+00	9.32E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2652	ALL	655360.5	4190229	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.47E-09	9.47E-09	9.47E-09	2.13E-06	0.00E+00	3.55E-07	0.00E+00	9.47E-09	5.50E-06	0.00E+00	0.00E+00	5.50E-06
2653	ALL	655319.2	4190245	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.14E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2654	ALL	655277.9	4190261	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.15E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.57E-06	0.00E+00	0.00E+00	5.57E-06
2655	ALL	655236.5	4190277	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.15E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
2656	ALL	655195.2	4190294	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.48E-09	9.48E-09	9.48E-09	2.15E-06	0.00E+00	3.56E-07	0.00E+00	9.48E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
2657	ALL	655153.9	4190310	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.39E-09	9.39E-09	9.39E-09	2.14E-06	0.00E+00	3.53E-07	0.00E+00	9.39E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2658	ALL	655112.5	4190326	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.31E-09	9.31E-09	9.31E-09	2.14E-06	0.00E+00	3.50E-07	0.00E+00	9.31E-09	5.45E-06	0.00E+00	0.00E+00	5.45E-06
2659	ALL	655071.2	4190342	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.26E-09	9.26E-09	9.26E-09	2.13E-06	0.00E+00	3.48E-07	0.00E+00	9.26E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2660	ALL	655029.9	4190359	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.25E-09	9.25E-09	9.25E-09	2.13E-06	0.00E+00	3.48E-07	0.00E+00	9.25E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
2661	ALL	654988.5	4190375	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.30E-09	9.30E-09	9.30E-09	2.13E-06	0.00E+00	3.49E-07	0.00E+00	9.30E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
2662	ALL	654947.2	4190391	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.37E-09	9.37E-09	9.37E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.37E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
2663	ALL	654905.9	4190407	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.44E-09	9.44E-09	9.44E-09	2.14E-06	0.00E+00	3.55E-07	0.00E+00	9.44E-09	5.50E-06	0.00E+00	0.00E+00	5.50E-06
2664	ALL	654864.5	4190424	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.50E-09	9.50E-09	9.50E-09	2.14E-06	0.00E+00	3.57E-07	0.00E+00	9.50E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
2665	ALL	654823.2	4190440	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.54E-09	9.54E-09	9.54E-09	2.15E-06	0.00E+00	3.58E-07	0.00E+00	9.54E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2666	ALL	654781.9	4190456	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.53E-09	9.53E-09	9.53E-09	2.15E-06	0.00E+00	3.58E-07	0.00E+00	9.53E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
2667	ALL	654740.5	4190473	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.49E-09	9.49E-09	9.49E-09	2.14E-06	0.00E+00	3.56E-07	0.00E+00	9.49E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
2668	ALL	654699.2	4190489	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.13E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.48E-06	0.00E+00	0.00E+00	5.48E-06
2669	ALL	654657.9	4190505	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.30E-09	9.30E-09	9.30E-09	2.12E-06	0.00E+00	3.49E-07	0.00E+00	9.30E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
2670	ALL	654616.5	4190521	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.19E-09	9.19E-09	9.19E-09	2.10E-06	0.00E+00	3.45E-07	0.00E+00	9.19E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2671	ALL	654575.2	4190538	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.10E-09	9.10E-09	9.10E-09	2.09E-06	0.00E+00	3.42E-07	0.00E+00	9.10E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2672	ALL	654533.8	4190554	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.02E-09	9.02E-09	9.02E-09	2.07E-06	0.00E+00	3.39E-07	0.00E+00	9.02E-09	5.28E-06	0.00E+00	0.00E+00	5.28E-06
2673	ALL	654492.5	4190570	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.95E-09	8.95E-09	8.95E-09	2.06E-06	0.00E+00	3.37E-07	0.00E+00	8.95E-09	5.25E-06	0.00E+00	0.00E+00	5.25E-06
2674	ALL	654451.2	4190586	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.05E-06	0.00E+00	3.35E-07	0.00E+00	8.90E-09	5.22E-06	0.00E+00	0.00E+00	5.22E-06
2675	ALL	654409.8	4190603	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.04E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2676	ALL	654368.5	4190619	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.84E-09	8.84E-09	8.84E-09	2.03E-06	0.00E+00	3.32E-07	0.00E+00	8.84E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2677	ALL	654327.2	4190635	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.84E-09	8.84E-09	8.84E-09	2.03E-06	0.00E+00	3.32E-07	0.00E+00	8.84E-09	5.17E-06	0.00E+00	0.00E+00	5.17E-06
2678	ALL	654285.8	4190652	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2679	ALL	654244.5	4190668	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.89E-09	8.89E-09	8.89E-09	2.02E-06	0.00E+00	3.34E-07	0.00E+00	8.89E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2680	ALL	654203.2	4190684	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.02E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.20E-06	0.00E+00	0.00E+00	5.20E-06
2681	ALL	654161.8	4190700	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.02E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.20E-06	0.00E+00	0.00E+00	5.20E-06
2682	ALL	654120.5	4190717	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.89E-09	8.89E-09	8.89E-09	2.01E-06	0.00E+00	3.34E-07	0.00E+00	8.89E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
2683	ALL	654079.2	4190733	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	2.01E-06	0.00E+00	3.32E-07	0.00E+00	8.85E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
2684	ALL	654037.8	4190749	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.79E-09	8.79E-09	8.79E-09	2.00E-06	0.00E+00	3.30E-07	0.00E+00	8.79E-09	5.13E-06	0.00E+00	0.00E+00	5.13E-06
2685	ALL	653996.5	4190765	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.72E-09	8.72E-09	8.72E-09	1.99E-06	0.00E+00	3.28E-07	0.00E+00	8.72E-09	5.09E-06	0.00E+00	0.00E+00	5.09E-06
2686	ALL	653955.2	4190782	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.64E-09	8.64E-09	8.64E-09	1.97E-06	0.00E+00	3.25E-07	0.00E+00	8.64E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
2687	ALL	653913.8	4190798	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.96E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	5.00E-06	0.00E+00	0.00E+00	5.00E-06
2688	ALL	653872.5	4190814	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.44E-09	8.44E-09	8.44E-09	1.94E-06	0.00E+00	3.17E-07	0.00E+00	8.44E-09	4.95E-06	0.00E+00	0.00E+00	4.95E-06
2689	ALL	656654.9	4188168	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.25E-06	0.00E+00	7.21E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
2690	ALL	656658.1	4188124	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.27E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2691	ALL	656661.2	4188079	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.29E-06	0.00E+00	7.23E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
2692	ALL	657142.6	4188245	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2693	ALL	657123.5	4188285	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.29E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2694	ALL	657104.5	4188325	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.29E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
2695	ALL	657085.4	4188365	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.29E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
2696	ALL	657066.3	4188405	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2697	ALL	657047.3	4188445	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.26E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
2698	ALL	657028.2	4188485	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.24E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
2699	ALL	657009.1	4188525	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06

2700	ALL	656990.1	4188565	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.19E-06	0.00E+00	5.35E-07	0.00E+00	1.43E-08	8.28E-06	0.00E+00	0.00E+00	8.28E-06
2701	ALL	656971	4188605	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.16E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
2702	ALL	656951.9	4188644	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.13E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
2703	ALL	656932.9	4188684	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.09E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.00E-06	0.00E+00	0.00E+00	8.00E-06
2704	ALL	656913.8	4188724	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.06E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.91E-06	0.00E+00	0.00E+00	7.91E-06
2705	ALL	656894.7	4188764	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.02E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
2706	ALL	656875.7	4188804	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.98E-06	0.00E+00	4.96E-07	0.00E+00	1.32E-08	7.69E-06	0.00E+00	0.00E+00	7.69E-06
2707	ALL	656856.6	4188844	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.94E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
2708	ALL	656837.6	4188884	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.81E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
2709	ALL	656818.5	4188924	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.86E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
2710	ALL	656799.4	4188964	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.82E-06	0.00E+00	4.66E-07	0.00E+00	1.24E-08	7.24E-06	0.00E+00	0.00E+00	7.24E-06
2711	ALL	656780.4	4189003	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.78E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.14E-06	0.00E+00	0.00E+00	7.14E-06
2712	ALL	656761.3	4189043	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
2713	ALL	656742.2	4189083	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.72E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
2714	ALL	656723.2	4189123	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2715	ALL	656704.1	4189163	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.66E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2716	ALL	656685	4189203	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.63E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2717	ALL	656666	4189243	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.60E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
2718	ALL	656646.9	4189283	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
2719	ALL	656627.8	4189323	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.53E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.53E-06	0.00E+00	0.00E+00	6.53E-06
2720	ALL	656608.8	4189363	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
2721	ALL	656589.7	4189402	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.46E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.33E-06	0.00E+00	0.00E+00	6.33E-06
2722	ALL	656570.7	4189442	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.41E-06	0.00E+00	4.00E-07	0.00E+00	1.07E-08	6.21E-06	0.00E+00	0.00E+00	6.21E-06
2723	ALL	656551.6	4189482	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.37E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
2724	ALL	656532.5	4189522	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
2725	ALL	656513.5	4189562	NonCancer	0.00E+00	1.51E-07	0.00E+00	9.99E-09	9.99E-09	9.99E-09	2.28E-06	0.00E+00	3.75E-07	0.00E+00	9.99E-09	5.84E-06	0.00E+00	0.00E+00	5.84E-06
2726	ALL	656494.4	4189602	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.78E-09	9.78E-09	9.78E-09	2.23E-06	0.00E+00	3.68E-07	0.00E+00	9.78E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
2727	ALL	656475.3	4189642	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.58E-09	9.58E-09	9.58E-09	2.19E-06	0.00E+00	3.60E-07	0.00E+00	9.58E-09	5.60E-06	0.00E+00	0.00E+00	5.60E-06
2728	ALL	656456.3	4189682	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.39E-09	9.39E-09	9.39E-09	2.14E-06	0.00E+00	3.53E-07	0.00E+00	9.39E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
2729	ALL	656437.2	4189722	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.21E-09	9.21E-09	9.21E-09	2.10E-06	0.00E+00	3.46E-07	0.00E+00	9.21E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2730	ALL	656418.1	4189762	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.04E-09	9.04E-09	9.04E-09	2.06E-06	0.00E+00	3.40E-07	0.00E+00	9.04E-09	5.29E-06	0.00E+00	0.00E+00	5.29E-06
2731	ALL	656399.1	4189801	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.88E-09	8.88E-09	8.88E-09	2.03E-06	0.00E+00	3.34E-07	0.00E+00	8.88E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
2732	ALL	656380	4189841	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.74E-09	8.74E-09	8.74E-09	2.00E-06	0.00E+00	3.28E-07	0.00E+00	8.74E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
2733	ALL	656360.9	4189881	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.60E-09	8.60E-09	8.60E-09	1.96E-06	0.00E+00	3.23E-07	0.00E+00	8.60E-09	5.03E-06	0.00E+00	0.00E+00	5.03E-06
2734	ALL	656341.9	4189921	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.47E-09	8.47E-09	8.47E-09	1.93E-06	0.00E+00	3.18E-07	0.00E+00	8.47E-09	4.95E-06	0.00E+00	0.00E+00	4.95E-06
2735	ALL	656322.8	4189961	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.34E-09	8.34E-09	8.34E-09	1.91E-06	0.00E+00	3.13E-07	0.00E+00	8.34E-09	4.88E-06	0.00E+00	0.00E+00	4.88E-06
2736	ALL	656303.7	4190001	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.23E-09	8.23E-09	8.23E-09	1.88E-06	0.00E+00	3.09E-07	0.00E+00	8.23E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
2737	ALL	656284.7	4190041	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.14E-09	8.14E-09	8.14E-09	1.86E-06	0.00E+00	3.06E-07	0.00E+00	8.14E-09	4.76E-06	0.00E+00	0.00E+00	4.76E-06
2738	ALL	656265.6	4190081	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.07E-09	8.07E-09	8.07E-09	1.84E-06	0.00E+00	3.03E-07	0.00E+00	8.07E-09	4.72E-06	0.00E+00	0.00E+00	4.72E-06
2739	ALL	656246.6	4190121	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.83E-06	0.00E+00	3.01E-07	0.00E+00	8.02E-09	4.69E-06	0.00E+00	0.00E+00	4.69E-06
2740	ALL	656227.5	4190160	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.00E-09	8.00E-09	8.00E-09	1.81E-06	0.00E+00	3.01E-07	0.00E+00	8.00E-09	4.66E-06	0.00E+00	0.00E+00	4.66E-06
2741	ALL	656208.4	4190200	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.99E-09	7.99E-09	7.99E-09	1.80E-06	0.00E+00	3.00E-07	0.00E+00	7.99E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
2742	ALL	656189.4	4190240	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.98E-09	7.98E-09	7.98E-09	1.78E-06	0.00E+00	2.99E-07	0.00E+00	7.98E-09	4.63E-06	0.00E+00	0.00E+00	4.63E-06
2743	ALL	656170.3	4190280	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.94E-09	7.94E-09	7.94E-09	1.76E-06	0.00E+00	2.98E-07	0.00E+00	7.94E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
2744	ALL	656151.2	4190320	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.86E-09	7.86E-09	7.86E-09	1.74E-06	0.00E+00	2.95E-07	0.00E+00	7.86E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
2745	ALL	656132.2	4190360	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.74E-09	7.74E-09	7.74E-09	1.72E-06	0.00E+00	2.90E-07	0.00E+00	7.74E-09	4.48E-06	0.00E+00	0.00E+00	4.48E-06
2746	ALL	656113.1	4190400	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.57E-09	7.57E-09	7.57E-09	1.69E-06	0.00E+00	2.84E-07	0.00E+00	7.57E-09	4.39E-06	0.00E+00	0.00E+00	4.39E-06
2747	ALL	656073.5	4190448	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.30E-09	7.30E-09	7.30E-09	1.65E-06	0.00E+00	2.74E-07	0.00E+00	7.30E-09	4.26E-06	0.00E+00	0.00E+00	4.26E-06
2748	ALL	656032.3	4190464	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.64E-06	0.00E+00	2.70E-07	0.00E+00	7.17E-09	4.19E-06	0.00E+00	0.00E+00	4.19E-06
2749	ALL	655991.2	4190480	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.04E-09	7.04E-09	7.04E-09	1.63E-06	0.00E+00	2.65E-07	0.00E+00	7.04E-09	4.13E-06	0.00E+00	0.00E+00	4.13E-06

2750	ALL	655950	4190496	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.93E-09	6.93E-09	6.93E-09	1.61E-06	0.00E+00	2.61E-07	0.00E+00	6.93E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2751	ALL	655908.9	4190513	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.86E-09	6.86E-09	6.86E-09	1.61E-06	0.00E+00	2.58E-07	0.00E+00	6.86E-09	4.05E-06	0.00E+00	0.00E+00	4.05E-06
2752	ALL	655867.7	4190529	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.84E-09	6.84E-09	6.84E-09	1.60E-06	0.00E+00	2.57E-07	0.00E+00	6.84E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2753	ALL	655826.6	4190545	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.87E-09	6.87E-09	6.87E-09	1.60E-06	0.00E+00	2.59E-07	0.00E+00	6.87E-09	4.05E-06	0.00E+00	0.00E+00	4.05E-06
2754	ALL	655785.5	4190561	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.95E-09	6.95E-09	6.95E-09	1.61E-06	0.00E+00	2.61E-07	0.00E+00	6.95E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2755	ALL	655744.3	4190577	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.06E-09	7.06E-09	7.06E-09	1.62E-06	0.00E+00	2.65E-07	0.00E+00	7.06E-09	4.13E-06	0.00E+00	0.00E+00	4.13E-06
2756	ALL	655703.2	4190594	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.63E-06	0.00E+00	2.70E-07	0.00E+00	7.17E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2757	ALL	655662	4190610	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.64E-06	0.00E+00	2.74E-07	0.00E+00	7.28E-09	4.24E-06	0.00E+00	0.00E+00	4.24E-06
2758	ALL	655620.9	4190626	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.37E-09	7.37E-09	7.37E-09	1.65E-06	0.00E+00	2.77E-07	0.00E+00	7.37E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2759	ALL	655579.7	4190642	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.41E-09	7.41E-09	7.41E-09	1.66E-06	0.00E+00	2.78E-07	0.00E+00	7.41E-09	4.30E-06	0.00E+00	0.00E+00	4.30E-06
2760	ALL	655538.6	4190658	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.42E-09	7.42E-09	7.42E-09	1.66E-06	0.00E+00	2.79E-07	0.00E+00	7.42E-09	4.31E-06	0.00E+00	0.00E+00	4.31E-06
2761	ALL	655497.4	4190675	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.40E-09	7.40E-09	7.40E-09	1.66E-06	0.00E+00	2.78E-07	0.00E+00	7.40E-09	4.30E-06	0.00E+00	0.00E+00	4.30E-06
2762	ALL	655456.3	4190691	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.35E-09	7.35E-09	7.35E-09	1.66E-06	0.00E+00	2.76E-07	0.00E+00	7.35E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2763	ALL	655415.1	4190707	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.66E-06	0.00E+00	2.74E-07	0.00E+00	7.28E-09	4.25E-06	0.00E+00	0.00E+00	4.25E-06
2764	ALL	655374	4190723	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.21E-09	7.21E-09	7.21E-09	1.65E-06	0.00E+00	2.71E-07	0.00E+00	7.21E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2765	ALL	655332.9	4190739	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.16E-09	7.16E-09	7.16E-09	1.65E-06	0.00E+00	2.69E-07	0.00E+00	7.16E-09	4.20E-06	0.00E+00	0.00E+00	4.20E-06
2766	ALL	655291.7	4190756	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.13E-09	7.13E-09	7.13E-09	1.64E-06	0.00E+00	2.68E-07	0.00E+00	7.13E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2767	ALL	655250.6	4190772	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.14E-09	7.14E-09	7.14E-09	1.64E-06	0.00E+00	2.68E-07	0.00E+00	7.14E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2768	ALL	655209.4	4190788	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.64E-06	0.00E+00	2.69E-07	0.00E+00	7.17E-09	4.20E-06	0.00E+00	0.00E+00	4.20E-06
2769	ALL	655168.3	4190804	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.22E-09	7.22E-09	7.22E-09	1.65E-06	0.00E+00	2.71E-07	0.00E+00	7.22E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2770	ALL	655127.1	4190820	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.28E-09	7.28E-09	7.28E-09	1.65E-06	0.00E+00	2.73E-07	0.00E+00	7.28E-09	4.24E-06	0.00E+00	0.00E+00	4.24E-06
2771	ALL	655086	4190837	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.33E-09	7.33E-09	7.33E-09	1.65E-06	0.00E+00	2.75E-07	0.00E+00	7.33E-09	4.27E-06	0.00E+00	0.00E+00	4.27E-06
2772	ALL	655044.8	4190853	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.36E-09	7.36E-09	7.36E-09	1.66E-06	0.00E+00	2.77E-07	0.00E+00	7.36E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2773	ALL	655003.7	4190869	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.38E-09	7.38E-09	7.38E-09	1.66E-06	0.00E+00	2.77E-07	0.00E+00	7.38E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
2774	ALL	654962.6	4190885	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.38E-09	7.38E-09	7.38E-09	1.66E-06	0.00E+00	2.77E-07	0.00E+00	7.38E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
2775	ALL	654921.4	4190901	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.35E-09	7.35E-09	7.35E-09	1.66E-06	0.00E+00	2.76E-07	0.00E+00	7.35E-09	4.28E-06	0.00E+00	0.00E+00	4.28E-06
2776	ALL	654880.3	4190918	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.30E-09	7.30E-09	7.30E-09	1.65E-06	0.00E+00	2.74E-07	0.00E+00	7.30E-09	4.25E-06	0.00E+00	0.00E+00	4.25E-06
2777	ALL	654839.1	4190934	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.23E-09	7.23E-09	7.23E-09	1.64E-06	0.00E+00	2.72E-07	0.00E+00	7.23E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
2778	ALL	654798	4190950	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.15E-09	7.15E-09	7.15E-09	1.63E-06	0.00E+00	2.69E-07	0.00E+00	7.15E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
2779	ALL	654756.8	4190966	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.08E-09	7.08E-09	7.08E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.08E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
2780	ALL	654715.7	4190982	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.03E-09	7.03E-09	7.03E-09	1.61E-06	0.00E+00	2.64E-07	0.00E+00	7.03E-09	4.11E-06	0.00E+00	0.00E+00	4.11E-06
2781	ALL	654674.5	4190999	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.98E-09	6.98E-09	6.98E-09	1.60E-06	0.00E+00	2.62E-07	0.00E+00	6.98E-09	4.09E-06	0.00E+00	0.00E+00	4.09E-06
2782	ALL	654633.4	4191015	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.94E-09	6.94E-09	6.94E-09	1.59E-06	0.00E+00	2.61E-07	0.00E+00	6.94E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
2783	ALL	654592.2	4191031	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.58E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.04E-06	0.00E+00	0.00E+00	4.04E-06
2784	ALL	654551.1	4191047	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.87E-09	6.87E-09	6.87E-09	1.58E-06	0.00E+00	2.58E-07	0.00E+00	6.87E-09	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2785	ALL	654510	4191063	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.84E-09	6.84E-09	6.84E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.84E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2786	ALL	654468.8	4191080	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.83E-09	6.83E-09	6.83E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.83E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2787	ALL	654427.7	4191096	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.83E-09	6.83E-09	6.83E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.83E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2788	ALL	654386.5	4191112	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.85E-09	6.85E-09	6.85E-09	1.56E-06	0.00E+00	2.57E-07	0.00E+00	6.85E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2789	ALL	654345.4	4191128	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.87E-09	6.87E-09	6.87E-09	1.56E-06	0.00E+00	2.58E-07	0.00E+00	6.87E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2790	ALL	654304.2	4191144	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.56E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2791	ALL	654263.1	4191161	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.91E-09	6.91E-09	6.91E-09	1.56E-06	0.00E+00	2.60E-07	0.00E+00	6.91E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2792	ALL	654221.9	4191177	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.91E-09	6.91E-09	6.91E-09	1.56E-06	0.00E+00	2.59E-07	0.00E+00	6.91E-09	4.02E-06	0.00E+00	0.00E+00	4.02E-06
2793	ALL	654180.8	4191193	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.89E-09	6.89E-09	6.89E-09	1.56E-06	0.00E+00	2.59E-07	0.00E+00	6.89E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
2794	ALL	654139.7	4191209	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.86E-09	6.86E-09	6.86E-09	1.55E-06	0.00E+00	2.58E-07	0.00E+00	6.86E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
2795	ALL	654098.5	4191225	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.82E-09	6.82E-09	6.82E-09	1.55E-06	0.00E+00	2.56E-07	0.00E+00	6.82E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
2796	ALL	654057.4	4191241	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.78E-09	6.78E-09	6.78E-09	1.54E-06	0.00E+00	2.55E-07	0.00E+00	6.78E-09	3.96E-06	0.00E+00	0.00E+00	3.96E-06
2797	ALL	654016.2	4191258	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.73E-09	6.73E-09	6.73E-09	1.53E-06	0.00E+00	2.53E-07	0.00E+00	6.73E-09	3.93E-06	0.00E+00	0.00E+00	3.93E-06
2798	ALL	653975.1	4191274	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.67E-09	6.67E-09	6.67E-09	1.52E-06	0.00E+00	2.51E-07	0.00E+00	6.67E-09	3.90E-06	0.00E+00	0.00E+00	3.90E-06
2799	ALL	653933.9	4191290	NonCancer	0.00E+00	9.96E-08	0.00E+00	6.60E-09	6.60E-09	6.60E-09	1.51E-06	0.00E+00	2.48E-07	0.00E+00	6.60E-09	3.86E-06	0.00E+00	0.00E+00	3.86E-06

2800	ALL	653892.8	4191306	NonCancer	0.00E+00	9.85E-08	0.00E+00	6.53E-09	6.53E-09	6.53E-09	1.50E-06	0.00E+00	2.46E-07	0.00E+00	6.53E-09	3.83E-06	0.00E+00	0.00E+00	3.83E-06
2801	ALL	653851.6	4191322	NonCancer	0.00E+00	9.76E-08	0.00E+00	6.47E-09	6.47E-09	6.47E-09	1.49E-06	0.00E+00	2.43E-07	0.00E+00	6.47E-09	3.79E-06	0.00E+00	0.00E+00	3.79E-06
2802	ALL	657153.7	4188203	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
2803	ALL	657156.8	4188159	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.30E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06
2804	ALL	657160	4188114	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.31E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.60E-06	0.00E+00	0.00E+00	8.60E-06
2805	ALL	657641.3	4188281	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2806	ALL	657622.1	4188321	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.63E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2807	ALL	657603	4188361	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.64E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2808	ALL	657583.8	4188401	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.64E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
2809	ALL	657564.7	4188441	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.63E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
2810	ALL	657545.5	4188481	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.62E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2811	ALL	657526.4	4188521	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.61E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
2812	ALL	657507.2	4188561	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.60E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
2813	ALL	657488.1	4188601	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
2814	ALL	657468.9	4188642	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
2815	ALL	657449.8	4188682	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.54E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
2816	ALL	657430.6	4188722	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
2817	ALL	657411.5	4188762	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.49E-06	0.00E+00	4.16E-07	0.00E+00	1.11E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
2818	ALL	657392.3	4188802	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.46E-06	0.00E+00	4.11E-07	0.00E+00	1.10E-08	6.37E-06	0.00E+00	0.00E+00	6.37E-06
2819	ALL	657373.2	4188842	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.44E-06	0.00E+00	4.07E-07	0.00E+00	1.08E-08	6.31E-06	0.00E+00	0.00E+00	6.31E-06
2820	ALL	657354	4188882	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.41E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.23E-06	0.00E+00	0.00E+00	6.23E-06
2821	ALL	657334.9	4188922	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.38E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.16E-06	0.00E+00	0.00E+00	6.16E-06
2822	ALL	657315.7	4188962	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.36E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
2823	ALL	657296.6	4189002	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	5.99E-06	0.00E+00	0.00E+00	5.99E-06
2824	ALL	657277.4	4189042	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.30E-06	0.00E+00	3.80E-07	0.00E+00	1.01E-08	5.91E-06	0.00E+00	0.00E+00	5.91E-06
2825	ALL	657258.3	4189082	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.27E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.83E-06	0.00E+00	0.00E+00	5.83E-06
2826	ALL	657239.1	4189122	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.85E-09	9.85E-09	9.85E-09	2.24E-06	0.00E+00	3.70E-07	0.00E+00	9.85E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
2827	ALL	657220	4189163	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.72E-09	9.72E-09	9.72E-09	2.22E-06	0.00E+00	3.65E-07	0.00E+00	9.72E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
2828	ALL	657200.8	4189203	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.61E-09	9.61E-09	9.61E-09	2.19E-06	0.00E+00	3.61E-07	0.00E+00	9.61E-09	5.62E-06	0.00E+00	0.00E+00	5.62E-06
2829	ALL	657181.7	4189243	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.17E-06	0.00E+00	3.58E-07	0.00E+00	9.51E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
2830	ALL	657162.6	4189283	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.43E-09	9.43E-09	9.43E-09	2.15E-06	0.00E+00	3.54E-07	0.00E+00	9.43E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06
2831	ALL	657143.4	4189323	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.36E-09	9.36E-09	9.36E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.36E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
2832	ALL	657124.3	4189363	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.11E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
2833	ALL	657105.1	4189403	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.22E-09	9.22E-09	9.22E-09	2.09E-06	0.00E+00	3.46E-07	0.00E+00	9.22E-09	5.38E-06	0.00E+00	0.00E+00	5.38E-06
2834	ALL	657086	4189443	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.14E-09	9.14E-09	9.14E-09	2.07E-06	0.00E+00	3.43E-07	0.00E+00	9.14E-09	5.33E-06	0.00E+00	0.00E+00	5.33E-06
2835	ALL	657066.8	4189483	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.06E-09	9.06E-09	9.06E-09	2.05E-06	0.00E+00	3.40E-07	0.00E+00	9.06E-09	5.28E-06	0.00E+00	0.00E+00	5.28E-06
2836	ALL	657047.7	4189523	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.96E-09	8.96E-09	8.96E-09	2.03E-06	0.00E+00	3.37E-07	0.00E+00	8.96E-09	5.22E-06	0.00E+00	0.00E+00	5.22E-06
2837	ALL	657028.5	4189563	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	2.00E-06	0.00E+00	3.32E-07	0.00E+00	8.85E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
2838	ALL	657009.4	4189603	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.72E-09	8.72E-09	8.72E-09	1.97E-06	0.00E+00	3.28E-07	0.00E+00	8.72E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
2839	ALL	656990.2	4189643	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.58E-09	8.58E-09	8.58E-09	1.94E-06	0.00E+00	3.22E-07	0.00E+00	8.58E-09	5.00E-06	0.00E+00	0.00E+00	5.00E-06
2840	ALL	656971.1	4189683	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.43E-09	8.43E-09	8.43E-09	1.91E-06	0.00E+00	3.17E-07	0.00E+00	8.43E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06
2841	ALL	656951.9	4189724	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.28E-09	8.28E-09	8.28E-09	1.88E-06	0.00E+00	3.11E-07	0.00E+00	8.28E-09	4.83E-06	0.00E+00	0.00E+00	4.83E-06
2842	ALL	656932.8	4189764	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.12E-09	8.12E-09	8.12E-09	1.85E-06	0.00E+00	3.05E-07	0.00E+00	8.12E-09	4.74E-06	0.00E+00	0.00E+00	4.74E-06
2843	ALL	656913.6	4189804	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.97E-09	7.97E-09	7.97E-09	1.82E-06	0.00E+00	2.99E-07	0.00E+00	7.97E-09	4.66E-06	0.00E+00	0.00E+00	4.66E-06
2844	ALL	656894.5	4189844	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.83E-09	7.83E-09	7.83E-09	1.78E-06	0.00E+00	2.94E-07	0.00E+00	7.83E-09	4.57E-06	0.00E+00	0.00E+00	4.57E-06
2845	ALL	656875.3	4189884	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.69E-09	7.69E-09	7.69E-09	1.75E-06	0.00E+00	2.89E-07	0.00E+00	7.69E-09	4.49E-06	0.00E+00	0.00E+00	4.49E-06
2846	ALL	656856.2	4189924	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.55E-09	7.55E-09	7.55E-09	1.72E-06	0.00E+00	2.84E-07	0.00E+00	7.55E-09	4.41E-06	0.00E+00	0.00E+00	4.41E-06
2847	ALL	656837	4189964	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.42E-09	7.42E-09	7.42E-09	1.69E-06	0.00E+00	2.79E-07	0.00E+00	7.42E-09	4.34E-06	0.00E+00	0.00E+00	4.34E-06
2848	ALL	656817.9	4190004	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.30E-09	7.30E-09	7.30E-09	1.67E-06	0.00E+00	2.74E-07	0.00E+00	7.30E-09	4.27E-06	0.00E+00	0.00E+00	4.27E-06
2849	ALL	656798.7	4190044	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.19E-09	7.19E-09	7.19E-09	1.64E-06	0.00E+00	2.70E-07	0.00E+00	7.19E-09	4.20E-06	0.00E+00	0.00E+00	4.20E-06

2850	ALL	656779.6	4190084	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.09E-09	7.09E-09	7.09E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.09E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
2851	ALL	656760.4	4190124	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.99E-09	6.99E-09	6.99E-09	1.59E-06	0.00E+00	2.63E-07	0.00E+00	6.99E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
2852	ALL	656741.3	4190164	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.89E-09	6.89E-09	6.89E-09	1.57E-06	0.00E+00	2.59E-07	0.00E+00	6.89E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
2853	ALL	656722.1	4190204	NonCancer	0.00E+00	1.02E-07	0.00E+00	6.80E-09	6.80E-09	6.80E-09	1.55E-06	0.00E+00	2.55E-07	0.00E+00	6.80E-09	3.97E-06	0.00E+00	0.00E+00	3.97E-06
2854	ALL	656703	4190245	NonCancer	0.00E+00	1.01E-07	0.00E+00	6.71E-09	6.71E-09	6.71E-09	1.53E-06	0.00E+00	2.52E-07	0.00E+00	6.71E-09	3.92E-06	0.00E+00	0.00E+00	3.92E-06
2855	ALL	656683.8	4190285	NonCancer	0.00E+00	9.99E-08	0.00E+00	6.63E-09	6.63E-09	6.63E-09	1.52E-06	0.00E+00	2.49E-07	0.00E+00	6.63E-09	3.88E-06	0.00E+00	0.00E+00	3.88E-06
2856	ALL	656664.7	4190325	NonCancer	0.00E+00	9.88E-08	0.00E+00	6.55E-09	6.55E-09	6.55E-09	1.50E-06	0.00E+00	2.46E-07	0.00E+00	6.55E-09	3.84E-06	0.00E+00	0.00E+00	3.84E-06
2857	ALL	656645.5	4190365	NonCancer	0.00E+00	9.79E-08	0.00E+00	6.50E-09	6.50E-09	6.50E-09	1.49E-06	0.00E+00	2.44E-07	0.00E+00	6.50E-09	3.80E-06	0.00E+00	0.00E+00	3.80E-06
2858	ALL	656626.4	4190405	NonCancer	0.00E+00	9.73E-08	0.00E+00	6.46E-09	6.46E-09	6.46E-09	1.47E-06	0.00E+00	2.43E-07	0.00E+00	6.46E-09	3.78E-06	0.00E+00	0.00E+00	3.78E-06
2859	ALL	656607.2	4190445	NonCancer	0.00E+00	9.70E-08	0.00E+00	6.43E-09	6.43E-09	6.43E-09	1.46E-06	0.00E+00	2.42E-07	0.00E+00	6.43E-09	3.76E-06	0.00E+00	0.00E+00	3.76E-06
2860	ALL	656588.1	4190485	NonCancer	0.00E+00	9.69E-08	0.00E+00	6.43E-09	6.43E-09	6.43E-09	1.45E-06	0.00E+00	2.41E-07	0.00E+00	6.43E-09	3.75E-06	0.00E+00	0.00E+00	3.75E-06
2861	ALL	656568.9	4190525	NonCancer	0.00E+00	9.69E-08	0.00E+00	6.42E-09	6.42E-09	6.42E-09	1.44E-06	0.00E+00	2.41E-07	0.00E+00	6.42E-09	3.74E-06	0.00E+00	0.00E+00	3.74E-06
2862	ALL	656549.8	4190565	NonCancer	0.00E+00	9.68E-08	0.00E+00	6.42E-09	6.42E-09	6.42E-09	1.43E-06	0.00E+00	2.41E-07	0.00E+00	6.42E-09	3.73E-06	0.00E+00	0.00E+00	3.73E-06
2863	ALL	656530.6	4190605	NonCancer	0.00E+00	9.66E-08	0.00E+00	6.41E-09	6.41E-09	6.41E-09	1.42E-06	0.00E+00	2.40E-07	0.00E+00	6.41E-09	3.71E-06	0.00E+00	0.00E+00	3.71E-06
2864	ALL	656511.5	4190645	NonCancer	0.00E+00	9.60E-08	0.00E+00	6.37E-09	6.37E-09	6.37E-09	1.41E-06	0.00E+00	2.39E-07	0.00E+00	6.37E-09	3.68E-06	0.00E+00	0.00E+00	3.68E-06
2865	ALL	656492.3	4190685	NonCancer	0.00E+00	9.49E-08	0.00E+00	6.30E-09	6.30E-09	6.30E-09	1.40E-06	0.00E+00	2.36E-07	0.00E+00	6.30E-09	3.64E-06	0.00E+00	0.00E+00	3.64E-06
2866	ALL	656473.2	4190725	NonCancer	0.00E+00	9.34E-08	0.00E+00	6.19E-09	6.19E-09	6.19E-09	1.38E-06	0.00E+00	2.32E-07	0.00E+00	6.19E-09	3.59E-06	0.00E+00	0.00E+00	3.59E-06
2867	ALL	656454	4190766	NonCancer	0.00E+00	9.14E-08	0.00E+00	6.06E-09	6.06E-09	6.06E-09	1.36E-06	0.00E+00	2.28E-07	0.00E+00	6.06E-09	3.52E-06	0.00E+00	0.00E+00	3.52E-06
2868	ALL	656414.2	4190814	NonCancer	0.00E+00	8.84E-08	0.00E+00	5.86E-09	5.86E-09	5.86E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.86E-09	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2869	ALL	656372.9	4190830	NonCancer	0.00E+00	8.69E-08	0.00E+00	5.76E-09	5.76E-09	5.76E-09	1.32E-06	0.00E+00	2.17E-07	0.00E+00	5.76E-09	3.37E-06	0.00E+00	0.00E+00	3.37E-06
2870	ALL	656331.5	4190846	NonCancer	0.00E+00	8.54E-08	0.00E+00	5.66E-09	5.66E-09	5.66E-09	1.31E-06	0.00E+00	2.13E-07	0.00E+00	5.66E-09	3.32E-06	0.00E+00	0.00E+00	3.32E-06
2871	ALL	656290.2	4190863	NonCancer	0.00E+00	8.40E-08	0.00E+00	5.57E-09	5.57E-09	5.57E-09	1.30E-06	0.00E+00	2.10E-07	0.00E+00	5.57E-09	3.28E-06	0.00E+00	0.00E+00	3.28E-06
2872	ALL	656248.9	4190879	NonCancer	0.00E+00	8.30E-08	0.00E+00	5.51E-09	5.51E-09	5.51E-09	1.29E-06	0.00E+00	2.07E-07	0.00E+00	5.51E-09	3.25E-06	0.00E+00	0.00E+00	3.25E-06
2873	ALL	656207.6	4190895	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.28E-06	0.00E+00	2.06E-07	0.00E+00	5.47E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2874	ALL	656166.2	4190911	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.28E-06	0.00E+00	2.06E-07	0.00E+00	5.47E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2875	ALL	656124.9	4190928	NonCancer	0.00E+00	8.30E-08	0.00E+00	5.51E-09	5.51E-09	5.51E-09	1.28E-06	0.00E+00	2.07E-07	0.00E+00	5.51E-09	3.24E-06	0.00E+00	0.00E+00	3.24E-06
2876	ALL	656083.6	4190944	NonCancer	0.00E+00	8.40E-08	0.00E+00	5.57E-09	5.57E-09	5.57E-09	1.29E-06	0.00E+00	2.09E-07	0.00E+00	5.57E-09	3.27E-06	0.00E+00	0.00E+00	3.27E-06
2877	ALL	656042.2	4190960	NonCancer	0.00E+00	8.51E-08	0.00E+00	5.65E-09	5.65E-09	5.65E-09	1.29E-06	0.00E+00	2.12E-07	0.00E+00	5.65E-09	3.30E-06	0.00E+00	0.00E+00	3.30E-06
2878	ALL	656000.9	4190976	NonCancer	0.00E+00	8.64E-08	0.00E+00	5.73E-09	5.73E-09	5.73E-09	1.30E-06	0.00E+00	2.15E-07	0.00E+00	5.73E-09	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2879	ALL	655959.6	4190993	NonCancer	0.00E+00	8.77E-08	0.00E+00	5.82E-09	5.82E-09	5.82E-09	1.31E-06	0.00E+00	2.18E-07	0.00E+00	5.82E-09	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2880	ALL	655918.3	4191009	NonCancer	0.00E+00	8.87E-08	0.00E+00	5.89E-09	5.89E-09	5.89E-09	1.32E-06	0.00E+00	2.21E-07	0.00E+00	5.89E-09	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2881	ALL	655876.9	4191025	NonCancer	0.00E+00	8.95E-08	0.00E+00	5.94E-09	5.94E-09	5.94E-09	1.33E-06	0.00E+00	2.23E-07	0.00E+00	5.94E-09	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2882	ALL	655835.6	4191042	NonCancer	0.00E+00	8.98E-08	0.00E+00	5.96E-09	5.96E-09	5.96E-09	1.33E-06	0.00E+00	2.24E-07	0.00E+00	5.96E-09	3.46E-06	0.00E+00	0.00E+00	3.46E-06
2883	ALL	655794.3	4191058	NonCancer	0.00E+00	8.98E-08	0.00E+00	5.96E-09	5.96E-09	5.96E-09	1.34E-06	0.00E+00	2.24E-07	0.00E+00	5.96E-09	3.46E-06	0.00E+00	0.00E+00	3.46E-06
2884	ALL	655752.9	4191074	NonCancer	0.00E+00	8.95E-08	0.00E+00	5.93E-09	5.93E-09	5.93E-09	1.34E-06	0.00E+00	2.23E-07	0.00E+00	5.93E-09	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2885	ALL	655711.6	4191090	NonCancer	0.00E+00	8.89E-08	0.00E+00	5.89E-09	5.89E-09	5.89E-09	1.33E-06	0.00E+00	2.21E-07	0.00E+00	5.89E-09	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2886	ALL	655670.3	4191107	NonCancer	0.00E+00	8.81E-08	0.00E+00	5.84E-09	5.84E-09	5.84E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.84E-09	3.41E-06	0.00E+00	0.00E+00	3.41E-06
2887	ALL	655629	4191123	NonCancer	0.00E+00	8.73E-08	0.00E+00	5.79E-09	5.79E-09	5.79E-09	1.32E-06	0.00E+00	2.18E-07	0.00E+00	5.79E-09	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2888	ALL	655587.6	4191139	NonCancer	0.00E+00	8.66E-08	0.00E+00	5.74E-09	5.74E-09	5.74E-09	1.32E-06	0.00E+00	2.16E-07	0.00E+00	5.74E-09	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2889	ALL	655546.3	4191155	NonCancer	0.00E+00	8.61E-08	0.00E+00	5.71E-09	5.71E-09	5.71E-09	1.32E-06	0.00E+00	2.15E-07	0.00E+00	5.71E-09	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2890	ALL	655505	4191172	NonCancer	0.00E+00	8.59E-08	0.00E+00	5.70E-09	5.70E-09	5.70E-09	1.31E-06	0.00E+00	2.14E-07	0.00E+00	5.70E-09	3.34E-06	0.00E+00	0.00E+00	3.34E-06
2891	ALL	655463.6	4191188	NonCancer	0.00E+00	8.61E-08	0.00E+00	5.71E-09	5.71E-09	5.71E-09	1.31E-06	0.00E+00	2.15E-07	0.00E+00	5.71E-09	3.35E-06	0.00E+00	0.00E+00	3.35E-06
2892	ALL	655422.3	4191204	NonCancer	0.00E+00	8.66E-08	0.00E+00	5.74E-09	5.74E-09	5.74E-09	1.31E-06	0.00E+00	2.16E-07	0.00E+00	5.74E-09	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2893	ALL	655381	4191220	NonCancer	0.00E+00	8.72E-08	0.00E+00	5.78E-09	5.78E-09	5.78E-09	1.32E-06	0.00E+00	2.17E-07	0.00E+00	5.78E-09	3.38E-06	0.00E+00	0.00E+00	3.38E-06
2894	ALL	655339.7	4191237	NonCancer	0.00E+00	8.79E-08	0.00E+00	5.83E-09	5.83E-09	5.83E-09	1.32E-06	0.00E+00	2.19E-07	0.00E+00	5.83E-09	3.40E-06	0.00E+00	0.00E+00	3.40E-06
2895	ALL	655298.3	4191253	NonCancer	0.00E+00	8.84E-08	0.00E+00	5.87E-09	5.87E-09	5.87E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.87E-09	3.42E-06	0.00E+00	0.00E+00	3.42E-06
2896	ALL	655257	4191269	NonCancer	0.00E+00	8.89E-08	0.00E+00	5.90E-09	5.90E-09	5.90E-09	1.33E-06	0.00E+00	2.22E-07	0.00E+00	5.90E-09	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2897	ALL	655215.7	4191286	NonCancer	0.00E+00	8.92E-08	0.00E+00	5.92E-09	5.92E-09	5.92E-09	1.33E-06	0.00E+00	2.22E-07	0.00E+00	5.92E-09	3.44E-06	0.00E+00	0.00E+00	3.44E-06
2898	ALL	655174.3	4191302	NonCancer	0.00E+00	8.93E-08	0.00E+00	5.93E-09	5.93E-09	5.93E-09	1.33E-06	0.00E+00	2.23E-07	0.00E+00	5.93E-09	3.45E-06	0.00E+00	0.00E+00	3.45E-06
2899	ALL	655133	4191318	NonCancer	0.00E+00	8.92E-08	0.00E+00	5.92E-09	5.92E-09	5.92E-09	1.33E-06	0.00E+00	2.22E-07	0.00E+00	5.92E-09	3.44E-06	0.00E+00	0.00E+00	3.44E-06

2900	ALL	655091.7	4191334	NonCancer	0.00E+00	8.89E-08	0.00E+00	5.90E-09	5.90E-09	5.90E-09	1.33E-06	0.00E+00	2.21E-07	0.00E+00	5.90E-09	3.43E-06	0.00E+00	0.00E+00	3.43E-06
2901	ALL	655050.4	4191351	NonCancer	0.00E+00	8.83E-08	0.00E+00	5.86E-09	5.86E-09	5.86E-09	1.33E-06	0.00E+00	2.20E-07	0.00E+00	5.86E-09	3.41E-06	0.00E+00	0.00E+00	3.41E-06
2902	ALL	655009	4191367	NonCancer	0.00E+00	8.75E-08	0.00E+00	5.81E-09	5.81E-09	5.81E-09	1.32E-06	0.00E+00	2.18E-07	0.00E+00	5.81E-09	3.39E-06	0.00E+00	0.00E+00	3.39E-06
2903	ALL	654967.7	4191383	NonCancer	0.00E+00	8.67E-08	0.00E+00	5.75E-09	5.75E-09	5.75E-09	1.31E-06	0.00E+00	2.16E-07	0.00E+00	5.75E-09	3.36E-06	0.00E+00	0.00E+00	3.36E-06
2904	ALL	654926.4	4191399	NonCancer	0.00E+00	8.60E-08	0.00E+00	5.70E-09	5.70E-09	5.70E-09	1.30E-06	0.00E+00	2.14E-07	0.00E+00	5.70E-09	3.34E-06	0.00E+00	0.00E+00	3.34E-06
2905	ALL	654885	4191416	NonCancer	0.00E+00	8.53E-08	0.00E+00	5.66E-09	5.66E-09	5.66E-09	1.30E-06	0.00E+00	2.13E-07	0.00E+00	5.66E-09	3.31E-06	0.00E+00	0.00E+00	3.31E-06
2906	ALL	654843.7	4191432	NonCancer	0.00E+00	8.48E-08	0.00E+00	5.63E-09	5.63E-09	5.63E-09	1.29E-06	0.00E+00	2.11E-07	0.00E+00	5.63E-09	3.29E-06	0.00E+00	0.00E+00	3.29E-06
2907	ALL	654802.4	4191448	NonCancer	0.00E+00	8.44E-08	0.00E+00	5.60E-09	5.60E-09	5.60E-09	1.28E-06	0.00E+00	2.10E-07	0.00E+00	5.60E-09	3.27E-06	0.00E+00	0.00E+00	3.27E-06
2908	ALL	654761.1	4191464	NonCancer	0.00E+00	8.40E-08	0.00E+00	5.57E-09	5.57E-09	5.57E-09	1.28E-06	0.00E+00	2.09E-07	0.00E+00	5.57E-09	3.26E-06	0.00E+00	0.00E+00	3.26E-06
2909	ALL	654719.7	4191481	NonCancer	0.00E+00	8.36E-08	0.00E+00	5.54E-09	5.54E-09	5.54E-09	1.27E-06	0.00E+00	2.08E-07	0.00E+00	5.54E-09	3.24E-06	0.00E+00	0.00E+00	3.24E-06
2910	ALL	654678.4	4191497	NonCancer	0.00E+00	8.32E-08	0.00E+00	5.52E-09	5.52E-09	5.52E-09	1.27E-06	0.00E+00	2.07E-07	0.00E+00	5.52E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2911	ALL	654637.1	4191513	NonCancer	0.00E+00	8.28E-08	0.00E+00	5.49E-09	5.49E-09	5.49E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.49E-09	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2912	ALL	654595.7	4191530	NonCancer	0.00E+00	8.26E-08	0.00E+00	5.48E-09	5.48E-09	5.48E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.48E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2913	ALL	654554.4	4191546	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.47E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2914	ALL	654513.1	4191562	NonCancer	0.00E+00	8.26E-08	0.00E+00	5.48E-09	5.48E-09	5.48E-09	1.26E-06	0.00E+00	2.06E-07	0.00E+00	5.48E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2915	ALL	654471.8	4191578	NonCancer	0.00E+00	8.29E-08	0.00E+00	5.50E-09	5.50E-09	5.50E-09	1.26E-06	0.00E+00	2.07E-07	0.00E+00	5.50E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2916	ALL	654430.4	4191595	NonCancer	0.00E+00	8.32E-08	0.00E+00	5.52E-09	5.52E-09	5.52E-09	1.26E-06	0.00E+00	2.07E-07	0.00E+00	5.52E-09	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2917	ALL	654389.1	4191611	NonCancer	0.00E+00	8.35E-08	0.00E+00	5.54E-09	5.54E-09	5.54E-09	1.26E-06	0.00E+00	2.08E-07	0.00E+00	5.54E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2918	ALL	654347.8	4191627	NonCancer	0.00E+00	8.37E-08	0.00E+00	5.55E-09	5.55E-09	5.55E-09	1.26E-06	0.00E+00	2.09E-07	0.00E+00	5.55E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2919	ALL	654306.4	4191643	NonCancer	0.00E+00	8.37E-08	0.00E+00	5.55E-09	5.55E-09	5.55E-09	1.25E-06	0.00E+00	2.09E-07	0.00E+00	5.55E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2920	ALL	654265.1	4191660	NonCancer	0.00E+00	8.35E-08	0.00E+00	5.54E-09	5.54E-09	5.54E-09	1.25E-06	0.00E+00	2.08E-07	0.00E+00	5.54E-09	3.23E-06	0.00E+00	0.00E+00	3.23E-06
2921	ALL	654223.8	4191676	NonCancer	0.00E+00	8.32E-08	0.00E+00	5.52E-09	5.52E-09	5.52E-09	1.25E-06	0.00E+00	2.07E-07	0.00E+00	5.52E-09	3.22E-06	0.00E+00	0.00E+00	3.22E-06
2922	ALL	654182.5	4191692	NonCancer	0.00E+00	8.29E-08	0.00E+00	5.50E-09	5.50E-09	5.50E-09	1.25E-06	0.00E+00	2.06E-07	0.00E+00	5.50E-09	3.21E-06	0.00E+00	0.00E+00	3.21E-06
2923	ALL	654141.1	4191709	NonCancer	0.00E+00	8.25E-08	0.00E+00	5.47E-09	5.47E-09	5.47E-09	1.24E-06	0.00E+00	2.05E-07	0.00E+00	5.47E-09	3.19E-06	0.00E+00	0.00E+00	3.19E-06
2924	ALL	654099.8	4191725	NonCancer	0.00E+00	8.20E-08	0.00E+00	5.44E-09	5.44E-09	5.44E-09	1.24E-06	0.00E+00	2.04E-07	0.00E+00	5.44E-09	3.18E-06	0.00E+00	0.00E+00	3.18E-06
2925	ALL	654058.5	4191741	NonCancer	0.00E+00	8.15E-08	0.00E+00	5.41E-09	5.41E-09	5.41E-09	1.23E-06	0.00E+00	2.03E-07	0.00E+00	5.41E-09	3.16E-06	0.00E+00	0.00E+00	3.16E-06
2926	ALL	654017.1	4191757	NonCancer	0.00E+00	8.10E-08	0.00E+00	5.37E-09	5.37E-09	5.37E-09	1.22E-06	0.00E+00	2.02E-07	0.00E+00	5.37E-09	3.14E-06	0.00E+00	0.00E+00	3.14E-06
2927	ALL	653975.8	4191774	NonCancer	0.00E+00	8.03E-08	0.00E+00	5.32E-09	5.32E-09	5.32E-09	1.22E-06	0.00E+00	2.00E-07	0.00E+00	5.32E-09	3.11E-06	0.00E+00	0.00E+00	3.11E-06
2928	ALL	653934.5	4191790	NonCancer	0.00E+00	7.95E-08	0.00E+00	5.27E-09	5.27E-09	5.27E-09	1.21E-06	0.00E+00	1.98E-07	0.00E+00	5.27E-09	3.09E-06	0.00E+00	0.00E+00	3.09E-06
2929	ALL	653893.2	4191806	NonCancer	0.00E+00	7.87E-08	0.00E+00	5.22E-09	5.22E-09	5.22E-09	1.20E-06	0.00E+00	1.96E-07	0.00E+00	5.22E-09	3.06E-06	0.00E+00	0.00E+00	3.06E-06
2930	ALL	653851.8	4191822	NonCancer	0.00E+00	7.81E-08	0.00E+00	5.18E-09	5.18E-09	5.18E-09	1.19E-06	0.00E+00	1.95E-07	0.00E+00	5.18E-09	3.04E-06	0.00E+00	0.00E+00	3.04E-06
2931	ALL	657652.4	4188239	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
2932	ALL	657655.6	4188194	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
2933	ALL	657658.7	4188150	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.87E-06	0.00E+00	0.00E+00	6.87E-06
2934	ALL	653819	4187853	NonCancer	0.00E+00	5.31E-05	0.00E+00	3.52E-06	3.52E-06	3.52E-06	6.07E-04	0.00E+00	1.31E-04	0.00E+00	3.52E-06	1.91E-03	0.00E+00	0.00E+00	1.91E-03
2935	ALL	653794.3	4187852	NonCancer	0.00E+00	5.65E-05	0.00E+00	3.75E-06	3.75E-06	3.75E-06	6.52E-04	0.00E+00	1.39E-04	0.00E+00	3.75E-06	2.04E-03	0.00E+00	0.00E+00	2.04E-03
2936	ALL	653769.5	4187851	NonCancer	0.00E+00	5.55E-05	0.00E+00	3.69E-06	3.69E-06	3.69E-06	6.69E-04	0.00E+00	1.37E-04	0.00E+00	3.69E-06	2.02E-03	0.00E+00	0.00E+00	2.02E-03
2937	ALL	653744.7	4187851	NonCancer	0.00E+00	5.03E-05	0.00E+00	3.34E-06	3.34E-06	3.34E-06	6.41E-04	0.00E+00	1.24E-04	0.00E+00	3.34E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2938	ALL	653719.9	4187850	NonCancer	0.00E+00	4.65E-05	0.00E+00	3.09E-06	3.09E-06	3.09E-06	5.87E-04	0.00E+00	1.15E-04	0.00E+00	3.09E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
2939	ALL	653695.1	4187849	NonCancer	0.00E+00	4.16E-05	0.00E+00	2.76E-06	2.76E-06	2.76E-06	5.40E-04	0.00E+00	1.03E-04	0.00E+00	2.76E-06	1.54E-03	0.00E+00	0.00E+00	1.54E-03
2940	ALL	653837.6	4187836	NonCancer	0.00E+00	4.05E-05	0.00E+00	2.69E-06	2.69E-06	2.69E-06	4.78E-04	0.00E+00	1.00E-04	0.00E+00	2.69E-06	1.47E-03	0.00E+00	0.00E+00	1.47E-03
2941	ALL	653794.9	4187827	NonCancer	0.00E+00	4.01E-05	0.00E+00	2.66E-06	2.66E-06	2.66E-06	4.85E-04	0.00E+00	9.90E-05	0.00E+00	2.66E-06	1.46E-03	0.00E+00	0.00E+00	1.46E-03
2942	ALL	653770.1	4187826	NonCancer	0.00E+00	3.84E-05	0.00E+00	2.55E-06	2.55E-06	2.55E-06	4.86E-04	0.00E+00	9.49E-05	0.00E+00	2.55E-06	1.41E-03	0.00E+00	0.00E+00	1.41E-03
2943	ALL	653745.4	4187826	NonCancer	0.00E+00	3.51E-05	0.00E+00	2.33E-06	2.33E-06	2.33E-06	4.63E-04	0.00E+00	8.70E-05	0.00E+00	2.33E-06	1.31E-03	0.00E+00	0.00E+00	1.31E-03
2944	ALL	653720.6	4187825	NonCancer	0.00E+00	3.32E-05	0.00E+00	2.20E-06	2.20E-06	2.20E-06	4.30E-04	0.00E+00	8.23E-05	0.00E+00	2.20E-06	1.23E-03	0.00E+00	0.00E+00	1.23E-03
2945	ALL	653695.8	4187824	NonCancer	0.00E+00	3.12E-05	0.00E+00	2.07E-06	2.07E-06	2.07E-06	4.06E-04	0.00E+00	7.73E-05	0.00E+00	2.07E-06	1.16E-03	0.00E+00	0.00E+00	1.16E-03
2946	ALL	653838.2	4187811	NonCancer	0.00E+00	3.09E-05	0.00E+00	2.05E-06	2.05E-06	2.05E-06	3.79E-04	0.00E+00	7.64E-05	0.00E+00	2.05E-06	1.13E-03	0.00E+00	0.00E+00	1.13E-03
2947	ALL	653880.3	4187846	NonCancer	0.00E+00	3.71E-05	0.00E+00	2.46E-06	2.46E-06	2.46E-06	4.31E-04	0.00E+00	9.16E-05	0.00E+00	2.46E-06	1.34E-03	0.00E+00	0.00E+00	1.34E-03
2948	ALL	653795.6	4187802	NonCancer	0.00E+00	2.97E-05	0.00E+00	1.97E-06	1.97E-06	1.97E-06	3.74E-04	0.00E+00	7.35E-05	0.00E+00	1.97E-06	1.09E-03	0.00E+00	0.00E+00	1.09E-03
2949	ALL	653770.8	4187801	NonCancer	0.00E+00	2.81E-05	0.00E+00	1.86E-06	1.86E-06	1.86E-06	3.68E-04	0.00E+00	6.95E-05	0.00E+00	1.86E-06	1.04E-03	0.00E+00	0.00E+00	1.04E-03

2950	ALL	653746	4187801	NonCancer	0.00E+00	2.60E-05	0.00E+00	1.72E-06	1.72E-06	1.72E-06	3.51E-04	0.00E+00	6.45E-05	0.00E+00	1.72E-06	9.75E-04	0.00E+00	0.00E+00	9.75E-04
2951	ALL	653721.3	4187800	NonCancer	0.00E+00	2.50E-05	0.00E+00	1.66E-06	1.66E-06	1.66E-06	3.30E-04	0.00E+00	6.19E-05	0.00E+00	1.66E-06	9.32E-04	0.00E+00	0.00E+00	9.32E-04
2952	ALL	653696.5	4187799	NonCancer	0.00E+00	2.41E-05	0.00E+00	1.60E-06	1.60E-06	1.60E-06	3.16E-04	0.00E+00	5.98E-05	0.00E+00	1.60E-06	8.97E-04	0.00E+00	0.00E+00	8.97E-04
2953	ALL	653838.9	4187786	NonCancer	0.00E+00	2.44E-05	0.00E+00	1.62E-06	1.62E-06	1.62E-06	3.07E-04	0.00E+00	6.03E-05	0.00E+00	1.62E-06	8.98E-04	0.00E+00	0.00E+00	8.98E-04
2954	ALL	653874.6	4187802	NonCancer	0.00E+00	2.60E-05	0.00E+00	1.73E-06	1.73E-06	1.73E-06	3.21E-04	0.00E+00	6.43E-05	0.00E+00	1.73E-06	9.53E-04	0.00E+00	0.00E+00	9.53E-04
2955	ALL	653898.9	4187829	NonCancer	0.00E+00	2.96E-05	0.00E+00	1.96E-06	1.96E-06	1.96E-06	3.53E-04	0.00E+00	7.31E-05	0.00E+00	1.96E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
2956	ALL	653796.3	4187777	NonCancer	0.00E+00	2.29E-05	0.00E+00	1.52E-06	1.52E-06	1.52E-06	2.98E-04	0.00E+00	5.67E-05	0.00E+00	1.52E-06	8.51E-04	0.00E+00	0.00E+00	8.51E-04
2957	ALL	653771.5	4187776	NonCancer	0.00E+00	2.16E-05	0.00E+00	1.43E-06	1.43E-06	1.43E-06	2.90E-04	0.00E+00	5.35E-05	0.00E+00	1.43E-06	8.09E-04	0.00E+00	0.00E+00	8.09E-04
2958	ALL	653746.7	4187776	NonCancer	0.00E+00	2.01E-05	0.00E+00	1.33E-06	1.33E-06	1.33E-06	2.76E-04	0.00E+00	4.99E-05	0.00E+00	1.33E-06	7.58E-04	0.00E+00	0.00E+00	7.58E-04
2959	ALL	653721.9	4187775	NonCancer	0.00E+00	1.95E-05	0.00E+00	1.30E-06	1.30E-06	1.30E-06	2.63E-04	0.00E+00	4.84E-05	0.00E+00	1.30E-06	7.32E-04	0.00E+00	0.00E+00	7.32E-04
2960	ALL	653697.1	4187774	NonCancer	0.00E+00	1.92E-05	0.00E+00	1.27E-06	1.27E-06	1.27E-06	2.54E-04	0.00E+00	4.76E-05	0.00E+00	1.27E-06	7.16E-04	0.00E+00	0.00E+00	7.16E-04
2961	ALL	653843.8	4187738	NonCancer	0.00E+00	1.65E-05	0.00E+00	1.09E-06	1.09E-06	1.09E-06	2.14E-04	0.00E+00	4.08E-05	0.00E+00	1.09E-06	6.12E-04	0.00E+00	0.00E+00	6.12E-04
2962	ALL	653865.2	4187747	NonCancer	0.00E+00	1.71E-05	0.00E+00	1.13E-06	1.13E-06	1.13E-06	2.21E-04	0.00E+00	4.23E-05	0.00E+00	1.13E-06	6.34E-04	0.00E+00	0.00E+00	6.34E-04
2963	ALL	653886.6	4187757	NonCancer	0.00E+00	1.76E-05	0.00E+00	1.17E-06	1.17E-06	1.17E-06	2.27E-04	0.00E+00	4.36E-05	0.00E+00	1.17E-06	6.52E-04	0.00E+00	0.00E+00	6.52E-04
2964	ALL	653908.1	4187767	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	2.31E-04	0.00E+00	4.50E-05	0.00E+00	1.21E-06	6.71E-04	0.00E+00	0.00E+00	6.71E-04
2965	ALL	653937.2	4187799	NonCancer	0.00E+00	2.05E-05	0.00E+00	1.36E-06	1.36E-06	1.36E-06	2.54E-04	0.00E+00	5.08E-05	0.00E+00	1.36E-06	7.53E-04	0.00E+00	0.00E+00	7.53E-04
2966	ALL	653944.9	4187821	NonCancer	0.00E+00	2.23E-05	0.00E+00	1.48E-06	1.48E-06	1.48E-06	2.73E-04	0.00E+00	5.52E-05	0.00E+00	1.48E-06	8.16E-04	0.00E+00	0.00E+00	8.16E-04
2967	ALL	653952.6	4187844	NonCancer	0.00E+00	2.35E-05	0.00E+00	1.56E-06	1.56E-06	1.56E-06	2.85E-04	0.00E+00	5.80E-05	0.00E+00	1.56E-06	8.56E-04	0.00E+00	0.00E+00	8.56E-04
2968	ALL	653960.3	4187866	NonCancer	0.00E+00	2.38E-05	0.00E+00	1.58E-06	1.58E-06	1.58E-06	2.89E-04	0.00E+00	5.88E-05	0.00E+00	1.58E-06	8.69E-04	0.00E+00	0.00E+00	8.69E-04
2969	ALL	653822.4	4187728	NonCancer	0.00E+00	1.54E-05	0.00E+00	1.02E-06	1.02E-06	1.02E-06	2.04E-04	0.00E+00	3.81E-05	0.00E+00	1.02E-06	5.75E-04	0.00E+00	0.00E+00	5.75E-04
2970	ALL	653797.6	4187727	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.87E-07	9.87E-07	9.87E-07	2.02E-04	0.00E+00	3.69E-05	0.00E+00	9.87E-07	5.59E-04	0.00E+00	0.00E+00	5.59E-04
2971	ALL	653772.8	4187726	NonCancer	0.00E+00	1.40E-05	0.00E+00	9.32E-07	9.32E-07	9.32E-07	1.95E-04	0.00E+00	3.49E-05	0.00E+00	9.32E-07	5.31E-04	0.00E+00	0.00E+00	5.31E-04
2972	ALL	653748	4187726	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.78E-07	8.78E-07	8.78E-07	1.86E-04	0.00E+00	3.29E-05	0.00E+00	8.78E-07	5.02E-04	0.00E+00	0.00E+00	5.02E-04
2973	ALL	653723.3	4187725	NonCancer	0.00E+00	1.29E-05	0.00E+00	8.59E-07	8.59E-07	8.59E-07	1.78E-04	0.00E+00	3.21E-05	0.00E+00	8.59E-07	4.88E-04	0.00E+00	0.00E+00	4.88E-04
2974	ALL	653698.5	4187724	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.60E-07	8.60E-07	8.60E-07	1.75E-04	0.00E+00	3.21E-05	0.00E+00	8.60E-07	4.86E-04	0.00E+00	0.00E+00	4.86E-04
2975	ALL	653844.1	4187687	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.77E-07	7.77E-07	7.77E-07	1.57E-04	0.00E+00	2.91E-05	0.00E+00	7.77E-07	4.39E-04	0.00E+00	0.00E+00	4.39E-04
2976	ALL	653884.9	4187706	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.37E-07	8.37E-07	8.37E-07	1.67E-04	0.00E+00	3.13E-05	0.00E+00	8.37E-07	4.71E-04	0.00E+00	0.00E+00	4.71E-04
2977	ALL	653905.3	4187715	NonCancer	0.00E+00	1.29E-05	0.00E+00	8.53E-07	8.53E-07	8.53E-07	1.70E-04	0.00E+00	3.19E-05	0.00E+00	8.53E-07	4.80E-04	0.00E+00	0.00E+00	4.80E-04
2978	ALL	653946.1	4187734	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.99E-07	8.99E-07	8.99E-07	1.76E-04	0.00E+00	3.36E-05	0.00E+00	8.99E-07	5.03E-04	0.00E+00	0.00E+00	5.03E-04
2979	ALL	653973.8	4187764	NonCancer	0.00E+00	1.49E-05	0.00E+00	9.89E-07	9.89E-07	9.89E-07	1.90E-04	0.00E+00	3.69E-05	0.00E+00	9.89E-07	5.50E-04	0.00E+00	0.00E+00	5.50E-04
2980	ALL	653988.5	4187807	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	2.12E-04	0.00E+00	4.18E-05	0.00E+00	1.12E-06	6.21E-04	0.00E+00	0.00E+00	6.21E-04
2981	ALL	654003.2	4187849	NonCancer	0.00E+00	1.75E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.19E-04	0.00E+00	4.33E-05	0.00E+00	1.16E-06	6.43E-04	0.00E+00	0.00E+00	6.43E-04
2982	ALL	653798.9	4187677	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.98E-07	6.98E-07	6.98E-07	1.47E-04	0.00E+00	2.61E-05	0.00E+00	6.98E-07	3.98E-04	0.00E+00	0.00E+00	3.98E-04
2983	ALL	653774.2	4187676	NonCancer	0.00E+00	9.99E-06	0.00E+00	6.63E-07	6.63E-07	6.63E-07	1.42E-04	0.00E+00	2.48E-05	0.00E+00	6.63E-07	3.80E-04	0.00E+00	0.00E+00	3.80E-04
2984	ALL	653749.4	4187676	NonCancer	0.00E+00	9.49E-06	0.00E+00	6.30E-07	6.30E-07	6.30E-07	1.36E-04	0.00E+00	2.36E-05	0.00E+00	6.30E-07	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2985	ALL	653724.6	4187675	NonCancer	0.00E+00	9.33E-06	0.00E+00	6.19E-07	6.19E-07	6.19E-07	1.31E-04	0.00E+00	2.32E-05	0.00E+00	6.19E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2986	ALL	653699.8	4187674	NonCancer	0.00E+00	9.38E-06	0.00E+00	6.22E-07	6.22E-07	6.22E-07	1.29E-04	0.00E+00	2.33E-05	0.00E+00	6.22E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
2987	ALL	653847.4	4187638	NonCancer	0.00E+00	8.77E-06	0.00E+00	5.82E-07	5.82E-07	5.82E-07	1.21E-04	0.00E+00	2.18E-05	0.00E+00	5.82E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
2988	ALL	653869.7	4187648	NonCancer	0.00E+00	9.32E-06	0.00E+00	6.18E-07	6.18E-07	6.18E-07	1.26E-04	0.00E+00	2.31E-05	0.00E+00	6.18E-07	3.50E-04	0.00E+00	0.00E+00	3.50E-04
2989	ALL	653892	4187658	NonCancer	0.00E+00	9.66E-06	0.00E+00	6.41E-07	6.41E-07	6.41E-07	1.30E-04	0.00E+00	2.40E-05	0.00E+00	6.41E-07	3.62E-04	0.00E+00	0.00E+00	3.62E-04
2990	ALL	653914.3	4187669	NonCancer	0.00E+00	9.80E-06	0.00E+00	6.50E-07	6.50E-07	6.50E-07	1.32E-04	0.00E+00	2.43E-05	0.00E+00	6.50E-07	3.68E-04	0.00E+00	0.00E+00	3.68E-04
2991	ALL	653936.6	4187679	NonCancer	0.00E+00	9.98E-06	0.00E+00	6.62E-07	6.62E-07	6.62E-07	1.35E-04	0.00E+00	2.48E-05	0.00E+00	6.62E-07	3.74E-04	0.00E+00	0.00E+00	3.74E-04
2992	ALL	653958.9	4187689	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.81E-07	6.81E-07	6.81E-07	1.37E-04	0.00E+00	2.55E-05	0.00E+00	6.81E-07	3.84E-04	0.00E+00	0.00E+00	3.84E-04
2993	ALL	653981.2	4187699	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.97E-07	6.97E-07	6.97E-07	1.39E-04	0.00E+00	2.60E-05	0.00E+00	6.97E-07	3.92E-04	0.00E+00	0.00E+00	3.92E-04
2994	ALL	654011.6	4187733	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.61E-07	7.61E-07	7.61E-07	1.49E-04	0.00E+00	2.84E-05	0.00E+00	7.61E-07	4.26E-04	0.00E+00	0.00E+00	4.26E-04
2995	ALL	654019.6	4187756	NonCancer	0.00E+00	1.23E-05	0.00E+00	8.16E-07	8.16E-07	8.16E-07	1.59E-04	0.00E+00	3.05E-05	0.00E+00	8.16E-07	4.56E-04	0.00E+00	0.00E+00	4.56E-04
2996	ALL	654027.6	4187779	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.60E-07	8.60E-07	8.60E-07	1.66E-04	0.00E+00	3.21E-05	0.00E+00	8.60E-07	4.79E-04	0.00E+00	0.00E+00	4.79E-04
2997	ALL	654035.6	4187802	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.86E-07	8.86E-07	8.86E-07	1.70E-04	0.00E+00	3.31E-05	0.00E+00	8.86E-07	4.93E-04	0.00E+00	0.00E+00	4.93E-04
2998	ALL	654043.7	4187826	NonCancer	0.00E+00	1.35E-05	0.00E+00	8.94E-07	8.94E-07	8.94E-07	1.72E-04	0.00E+00	3.34E-05	0.00E+00	8.94E-07	4.98E-04	0.00E+00	0.00E+00	4.98E-04
2999	ALL	654051.7	4187849	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.88E-07	8.88E-07	8.88E-07	1.72E-04	0.00E+00	3.31E-05	0.00E+00	8.88E-07	4.95E-04	0.00E+00	0.00E+00	4.95E-04

3000	ALL	654059.7	4187872	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.71E-07	8.71E-07	8.71E-07	1.70E-04	0.00E+00	3.25E-05	0.00E+00	8.71E-07	4.87E-04	0.00E+00	0.00E+00	4.87E-04
3001	ALL	653825	4187628	NonCancer	0.00E+00	8.14E-06	0.00E+00	5.40E-07	5.40E-07	5.40E-07	1.14E-04	0.00E+00	2.02E-05	0.00E+00	5.40E-07	3.09E-04	0.00E+00	0.00E+00	3.09E-04
3002	ALL	653800.3	4187627	NonCancer	0.00E+00	7.86E-06	0.00E+00	5.22E-07	5.22E-07	5.22E-07	1.12E-04	0.00E+00	1.95E-05	0.00E+00	5.22E-07	2.99E-04	0.00E+00	0.00E+00	2.99E-04
3003	ALL	653775.5	4187626	NonCancer	0.00E+00	7.49E-06	0.00E+00	4.97E-07	4.97E-07	4.97E-07	1.08E-04	0.00E+00	1.86E-05	0.00E+00	4.97E-07	2.86E-04	0.00E+00	0.00E+00	2.86E-04
3004	ALL	653750.7	4187626	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	1.04E-04	0.00E+00	1.79E-05	0.00E+00	4.76E-07	2.75E-04	0.00E+00	0.00E+00	2.75E-04
3005	ALL	653725.9	4187625	NonCancer	0.00E+00	7.07E-06	0.00E+00	4.69E-07	4.69E-07	4.69E-07	1.01E-04	0.00E+00	1.76E-05	0.00E+00	4.69E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
3006	ALL	653701.2	4187624	NonCancer	0.00E+00	7.13E-06	0.00E+00	4.73E-07	4.73E-07	4.73E-07	9.94E-05	0.00E+00	1.77E-05	0.00E+00	4.73E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
3007	ALL	653847.8	4187588	NonCancer	0.00E+00	6.76E-06	0.00E+00	4.48E-07	4.48E-07	4.48E-07	9.51E-05	0.00E+00	1.68E-05	0.00E+00	4.48E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
3008	ALL	653869.2	4187597	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	9.95E-05	0.00E+00	1.78E-05	0.00E+00	4.76E-07	2.71E-04	0.00E+00	0.00E+00	2.71E-04
3009	ALL	653890.6	4187607	NonCancer	0.00E+00	7.53E-06	0.00E+00	5.00E-07	5.00E-07	5.00E-07	1.03E-04	0.00E+00	1.87E-05	0.00E+00	5.00E-07	2.84E-04	0.00E+00	0.00E+00	2.84E-04
3010	ALL	653912.1	4187617	NonCancer	0.00E+00	7.74E-06	0.00E+00	5.14E-07	5.14E-07	5.14E-07	1.05E-04	0.00E+00	1.92E-05	0.00E+00	5.14E-07	2.91E-04	0.00E+00	0.00E+00	2.91E-04
3011	ALL	653933.5	4187627	NonCancer	0.00E+00	7.82E-06	0.00E+00	5.19E-07	5.19E-07	5.19E-07	1.07E-04	0.00E+00	1.94E-05	0.00E+00	5.19E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
3012	ALL	653954.9	4187637	NonCancer	0.00E+00	7.90E-06	0.00E+00	5.24E-07	5.24E-07	5.24E-07	1.08E-04	0.00E+00	1.96E-05	0.00E+00	5.24E-07	2.98E-04	0.00E+00	0.00E+00	2.98E-04
3013	ALL	653976.3	4187647	NonCancer	0.00E+00	8.08E-06	0.00E+00	5.36E-07	5.36E-07	5.36E-07	1.10E-04	0.00E+00	2.00E-05	0.00E+00	5.36E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
3014	ALL	653997.7	4187656	NonCancer	0.00E+00	8.29E-06	0.00E+00	5.50E-07	5.50E-07	5.50E-07	1.12E-04	0.00E+00	2.06E-05	0.00E+00	5.50E-07	3.11E-04	0.00E+00	0.00E+00	3.11E-04
3015	ALL	654019.2	4187666	NonCancer	0.00E+00	8.43E-06	0.00E+00	5.59E-07	5.59E-07	5.59E-07	1.13E-04	0.00E+00	2.09E-05	0.00E+00	5.59E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
3016	ALL	654048.3	4187698	NonCancer	0.00E+00	9.06E-06	0.00E+00	6.01E-07	6.01E-07	6.01E-07	1.20E-04	0.00E+00	2.25E-05	0.00E+00	6.01E-07	3.38E-04	0.00E+00	0.00E+00	3.38E-04
3017	ALL	654056	4187721	NonCancer	0.00E+00	9.63E-06	0.00E+00	6.39E-07	6.39E-07	6.39E-07	1.26E-04	0.00E+00	2.39E-05	0.00E+00	6.39E-07	3.58E-04	0.00E+00	0.00E+00	3.58E-04
3018	ALL	654063.7	4187743	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.72E-07	6.72E-07	6.72E-07	1.32E-04	0.00E+00	2.51E-05	0.00E+00	6.72E-07	3.76E-04	0.00E+00	0.00E+00	3.76E-04
3019	ALL	654071.4	4187765	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.96E-07	6.96E-07	6.96E-07	1.36E-04	0.00E+00	2.60E-05	0.00E+00	6.96E-07	3.89E-04	0.00E+00	0.00E+00	3.89E-04
3020	ALL	654079.1	4187787	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.09E-07	7.09E-07	7.09E-07	1.39E-04	0.00E+00	2.65E-05	0.00E+00	7.09E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
3021	ALL	654086.8	4187810	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.12E-07	7.12E-07	7.12E-07	1.40E-04	0.00E+00	2.66E-05	0.00E+00	7.12E-07	3.99E-04	0.00E+00	0.00E+00	3.99E-04
3022	ALL	654094.5	4187832	NonCancer	0.00E+00	1.07E-05	0.00E+00	7.07E-07	7.07E-07	7.07E-07	1.39E-04	0.00E+00	2.64E-05	0.00E+00	7.07E-07	3.97E-04	0.00E+00	0.00E+00	3.97E-04
3023	ALL	654102.2	4187854	NonCancer	0.00E+00	1.05E-05	0.00E+00	6.97E-07	6.97E-07	6.97E-07	1.38E-04	0.00E+00	2.60E-05	0.00E+00	6.97E-07	3.91E-04	0.00E+00	0.00E+00	3.91E-04
3024	ALL	654109.9	4187877	NonCancer	0.00E+00	1.03E-05	0.00E+00	6.82E-07	6.82E-07	6.82E-07	1.35E-04	0.00E+00	2.55E-05	0.00E+00	6.82E-07	3.83E-04	0.00E+00	0.00E+00	3.83E-04
3025	ALL	653826.4	4187578	NonCancer	0.00E+00	6.33E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	9.01E-05	0.00E+00	1.57E-05	0.00E+00	4.20E-07	2.41E-04	0.00E+00	0.00E+00	2.41E-04
3026	ALL	653801.6	4187577	NonCancer	0.00E+00	6.12E-06	0.00E+00	4.06E-07	4.06E-07	4.06E-07	8.79E-05	0.00E+00	1.52E-05	0.00E+00	4.06E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
3027	ALL	653776.8	4187576	NonCancer	0.00E+00	5.86E-06	0.00E+00	3.89E-07	3.89E-07	3.89E-07	8.51E-05	0.00E+00	1.46E-05	0.00E+00	3.89E-07	2.24E-04	0.00E+00	0.00E+00	2.24E-04
3028	ALL	653752	4187576	NonCancer	0.00E+00	5.64E-06	0.00E+00	3.74E-07	3.74E-07	3.74E-07	8.22E-05	0.00E+00	1.40E-05	0.00E+00	3.74E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3029	ALL	653727.3	4187575	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	8.02E-05	0.00E+00	1.39E-05	0.00E+00	3.69E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
3030	ALL	653702.5	4187574	NonCancer	0.00E+00	5.62E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	7.93E-05	0.00E+00	1.40E-05	0.00E+00	3.73E-07	2.14E-04	0.00E+00	0.00E+00	2.14E-04
3031	ALL	653848.5	4187537	NonCancer	0.00E+00	5.39E-06	0.00E+00	3.57E-07	3.57E-07	3.57E-07	7.68E-05	0.00E+00	1.34E-05	0.00E+00	3.57E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
3032	ALL	653869.4	4187547	NonCancer	0.00E+00	5.69E-06	0.00E+00	3.77E-07	3.77E-07	3.77E-07	8.03E-05	0.00E+00	1.41E-05	0.00E+00	3.77E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3033	ALL	653890.2	4187556	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.34E-05	0.00E+00	1.49E-05	0.00E+00	3.97E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
3034	ALL	653911	4187566	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.57E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.35E-04	0.00E+00	0.00E+00	2.35E-04
3035	ALL	653931.8	4187576	NonCancer	0.00E+00	6.37E-06	0.00E+00	4.22E-07	4.22E-07	4.22E-07	8.72E-05	0.00E+00	1.58E-05	0.00E+00	4.22E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
3036	ALL	653952.7	4187585	NonCancer	0.00E+00	6.41E-06	0.00E+00	4.25E-07	4.25E-07	4.25E-07	8.81E-05	0.00E+00	1.59E-05	0.00E+00	4.25E-07	2.42E-04	0.00E+00	0.00E+00	2.42E-04
3037	ALL	653973.5	4187595	NonCancer	0.00E+00	6.45E-06	0.00E+00	4.28E-07	4.28E-07	4.28E-07	8.91E-05	0.00E+00	1.60E-05	0.00E+00	4.28E-07	2.44E-04	0.00E+00	0.00E+00	2.44E-04
3038	ALL	653994.3	4187604	NonCancer	0.00E+00	6.54E-06	0.00E+00	4.34E-07	4.34E-07	4.34E-07	9.04E-05	0.00E+00	1.63E-05	0.00E+00	4.34E-07	2.47E-04	0.00E+00	0.00E+00	2.47E-04
3039	ALL	654015.1	4187614	NonCancer	0.00E+00	6.70E-06	0.00E+00	4.44E-07	4.44E-07	4.44E-07	9.18E-05	0.00E+00	1.66E-05	0.00E+00	4.44E-07	2.52E-04	0.00E+00	0.00E+00	2.52E-04
3040	ALL	654036	4187623	NonCancer	0.00E+00	6.84E-06	0.00E+00	4.54E-07	4.54E-07	4.54E-07	9.29E-05	0.00E+00	1.70E-05	0.00E+00	4.54E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
3041	ALL	654056.8	4187633	NonCancer	0.00E+00	6.93E-06	0.00E+00	4.60E-07	4.60E-07	4.60E-07	9.34E-05	0.00E+00	1.72E-05	0.00E+00	4.60E-07	2.60E-04	0.00E+00	0.00E+00	2.60E-04
3042	ALL	654085.1	4187664	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.89E-07	4.89E-07	4.89E-07	9.85E-05	0.00E+00	1.83E-05	0.00E+00	4.89E-07	2.76E-04	0.00E+00	0.00E+00	2.76E-04
3043	ALL	654092.6	4187686	NonCancer	0.00E+00	7.77E-06	0.00E+00	5.16E-07	5.16E-07	5.16E-07	1.04E-04	0.00E+00	1.93E-05	0.00E+00	5.16E-07	2.90E-04	0.00E+00	0.00E+00	2.90E-04
3044	ALL	654100.1	4187707	NonCancer	0.00E+00	8.14E-06	0.00E+00	5.40E-07	5.40E-07	5.40E-07	1.08E-04	0.00E+00	2.02E-05	0.00E+00	5.40E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
3045	ALL	654107.6	4187729	NonCancer	0.00E+00	8.44E-06	0.00E+00	5.60E-07	5.60E-07	5.60E-07	1.11E-04	0.00E+00	2.09E-05	0.00E+00	5.60E-07	3.15E-04	0.00E+00	0.00E+00	3.15E-04
3046	ALL	654115.1	4187751	NonCancer	0.00E+00	8.65E-06	0.00E+00	5.74E-07	5.74E-07	5.74E-07	1.14E-04	0.00E+00	2.14E-05	0.00E+00	5.74E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
3047	ALL	654122.6	4187772	NonCancer	0.00E+00	8.76E-06	0.00E+00	5.81E-07	5.81E-07	5.81E-07	1.15E-04	0.00E+00	2.17E-05	0.00E+00	5.81E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
3048	ALL	654130	4187794	NonCancer	0.00E+00	8.78E-06	0.00E+00	5.82E-07	5.82E-07	5.82E-07	1.16E-04	0.00E+00	2.18E-05	0.00E+00	5.82E-07	3.27E-04	0.00E+00	0.00E+00	3.27E-04
3049	ALL	654137.5	4187816	NonCancer	0.00E+00	8.72E-06	0.00E+00	5.79E-07	5.79E-07	5.79E-07	1.16E-04	0.00E+00	2.16E-05	0.00E+00	5.79E-07	3.25E-04	0.00E+00	0.00E+00	3.25E-04

3050	ALL	654145	4187837	NonCancer	0.00E+00	8.61E-06	0.00E+00	5.71E-07	5.71E-07	5.71E-07	1.15E-04	0.00E+00	2.13E-05	0.00E+00	5.71E-07	3.22E-04	0.00E+00	0.00E+00	3.22E-04
3051	ALL	654152.5	4187859	NonCancer	0.00E+00	8.46E-06	0.00E+00	5.62E-07	5.62E-07	5.62E-07	1.13E-04	0.00E+00	2.10E-05	0.00E+00	5.62E-07	3.17E-04	0.00E+00	0.00E+00	3.17E-04
3052	ALL	654160	4187881	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.11E-04	0.00E+00	2.05E-05	0.00E+00	5.49E-07	3.10E-04	0.00E+00	0.00E+00	3.10E-04
3053	ALL	653827.7	4187528	NonCancer	0.00E+00	5.09E-06	0.00E+00	3.38E-07	3.38E-07	3.38E-07	7.30E-05	0.00E+00	1.27E-05	0.00E+00	3.38E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
3054	ALL	653802.9	4187527	NonCancer	0.00E+00	4.92E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	7.12E-05	0.00E+00	1.22E-05	0.00E+00	3.26E-07	1.88E-04	0.00E+00	0.00E+00	1.88E-04
3055	ALL	653778.2	4187526	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.91E-05	0.00E+00	1.18E-05	0.00E+00	3.13E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
3056	ALL	653753.4	4187526	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.70E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3057	ALL	653728.6	4187525	NonCancer	0.00E+00	4.51E-06	0.00E+00	2.99E-07	2.99E-07	2.99E-07	6.55E-05	0.00E+00	1.12E-05	0.00E+00	2.99E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3058	ALL	653703.8	4187524	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.49E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3059	ALL	653851.8	4187438	NonCancer	0.00E+00	3.70E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.34E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
3060	ALL	653873.2	4187447	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	5.58E-05	0.00E+00	9.64E-06	0.00E+00	2.57E-07	1.48E-04	0.00E+00	0.00E+00	1.48E-04
3061	ALL	653894.6	4187457	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	5.80E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
3062	ALL	653916.1	4187467	NonCancer	0.00E+00	4.24E-06	0.00E+00	2.81E-07	2.81E-07	2.81E-07	6.00E-05	0.00E+00	1.05E-05	0.00E+00	2.81E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
3063	ALL	653937.5	4187477	NonCancer	0.00E+00	4.40E-06	0.00E+00	2.92E-07	2.92E-07	2.92E-07	6.16E-05	0.00E+00	1.09E-05	0.00E+00	2.92E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
3064	ALL	653958.9	4187487	NonCancer	0.00E+00	4.52E-06	0.00E+00	3.00E-07	3.00E-07	3.00E-07	6.28E-05	0.00E+00	1.12E-05	0.00E+00	3.00E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3065	ALL	653980.3	4187497	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.03E-07	3.03E-07	3.03E-07	6.34E-05	0.00E+00	1.14E-05	0.00E+00	3.03E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3066	ALL	654001.7	4187506	NonCancer	0.00E+00	4.57E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.38E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3067	ALL	654023.2	4187516	NonCancer	0.00E+00	4.58E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.43E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3068	ALL	654044.6	4187526	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.51E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3069	ALL	654066	4187536	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	6.60E-05	0.00E+00	1.17E-05	0.00E+00	3.13E-07	1.79E-04	0.00E+00	0.00E+00	1.79E-04
3070	ALL	654087.4	4187546	NonCancer	0.00E+00	4.82E-06	0.00E+00	3.20E-07	3.20E-07	3.20E-07	6.69E-05	0.00E+00	1.20E-05	0.00E+00	3.20E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
3071	ALL	654108.8	4187556	NonCancer	0.00E+00	4.90E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	6.75E-05	0.00E+00	1.22E-05	0.00E+00	3.25E-07	1.85E-04	0.00E+00	0.00E+00	1.85E-04
3072	ALL	654130.3	4187565	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.28E-07	3.28E-07	3.28E-07	6.77E-05	0.00E+00	1.23E-05	0.00E+00	3.28E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
3073	ALL	654159.4	4187598	NonCancer	0.00E+00	5.19E-06	0.00E+00	3.45E-07	3.45E-07	3.45E-07	7.08E-05	0.00E+00	1.29E-05	0.00E+00	3.45E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
3074	ALL	654167.1	4187620	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.61E-07	3.61E-07	3.61E-07	7.39E-05	0.00E+00	1.35E-05	0.00E+00	3.61E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
3075	ALL	654174.8	4187642	NonCancer	0.00E+00	5.67E-06	0.00E+00	3.76E-07	3.76E-07	3.76E-07	7.68E-05	0.00E+00	1.41E-05	0.00E+00	3.76E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
3076	ALL	654182.5	4187664	NonCancer	0.00E+00	5.87E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	7.93E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.20E-04	0.00E+00	0.00E+00	2.20E-04
3077	ALL	654190.2	4187687	NonCancer	0.00E+00	6.04E-06	0.00E+00	4.01E-07	4.01E-07	4.01E-07	8.13E-05	0.00E+00	1.50E-05	0.00E+00	4.01E-07	2.26E-04	0.00E+00	0.00E+00	2.26E-04
3078	ALL	654197.9	4187709	NonCancer	0.00E+00	6.15E-06	0.00E+00	4.08E-07	4.08E-07	4.08E-07	8.27E-05	0.00E+00	1.53E-05	0.00E+00	4.08E-07	2.30E-04	0.00E+00	0.00E+00	2.30E-04
3079	ALL	654205.6	4187731	NonCancer	0.00E+00	6.21E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	8.35E-05	0.00E+00	1.54E-05	0.00E+00	4.12E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
3080	ALL	654213.3	4187753	NonCancer	0.00E+00	6.23E-06	0.00E+00	4.13E-07	4.13E-07	4.13E-07	8.39E-05	0.00E+00	1.55E-05	0.00E+00	4.13E-07	2.34E-04	0.00E+00	0.00E+00	2.34E-04
3081	ALL	654221	4187776	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.12E-07	4.12E-07	4.12E-07	8.38E-05	0.00E+00	1.54E-05	0.00E+00	4.12E-07	2.33E-04	0.00E+00	0.00E+00	2.33E-04
3082	ALL	654228.7	4187798	NonCancer	0.00E+00	6.14E-06	0.00E+00	4.08E-07	4.08E-07	4.08E-07	8.33E-05	0.00E+00	1.52E-05	0.00E+00	4.08E-07	2.31E-04	0.00E+00	0.00E+00	2.31E-04
3083	ALL	654236.4	4187820	NonCancer	0.00E+00	6.07E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	8.25E-05	0.00E+00	1.51E-05	0.00E+00	4.03E-07	2.28E-04	0.00E+00	0.00E+00	2.28E-04
3084	ALL	654244.1	4187843	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.14E-05	0.00E+00	1.48E-05	0.00E+00	3.97E-07	2.25E-04	0.00E+00	0.00E+00	2.25E-04
3085	ALL	654251.8	4187865	NonCancer	0.00E+00	5.88E-06	0.00E+00	3.90E-07	3.90E-07	3.90E-07	8.00E-05	0.00E+00	1.46E-05	0.00E+00	3.90E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
3086	ALL	654259.5	4187887	NonCancer	0.00E+00	5.73E-06	0.00E+00	3.80E-07	3.80E-07	3.80E-07	7.82E-05	0.00E+00	1.42E-05	0.00E+00	3.80E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
3087	ALL	653830.4	4187428	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	5.10E-05	0.00E+00	8.74E-06	0.00E+00	2.33E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3088	ALL	653805.6	4187427	NonCancer	0.00E+00	3.40E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.98E-05	0.00E+00	8.47E-06	0.00E+00	2.26E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3089	ALL	653780.8	4187426	NonCancer	0.00E+00	3.28E-06	0.00E+00	2.18E-07	2.18E-07	2.18E-07	4.85E-05	0.00E+00	8.18E-06	0.00E+00	2.18E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3090	ALL	653756	4187426	NonCancer	0.00E+00	3.20E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.73E-05	0.00E+00	7.96E-06	0.00E+00	2.12E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3091	ALL	653731.3	4187425	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	4.65E-05	0.00E+00	7.87E-06	0.00E+00	2.10E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
3092	ALL	653706.5	4187424	NonCancer	0.00E+00	3.19E-06	0.00E+00	2.12E-07	2.12E-07	2.12E-07	4.61E-05	0.00E+00	7.93E-06	0.00E+00	2.12E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
3093	ALL	653854.9	4187338	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.95E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3094	ALL	653876.7	4187348	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.11E-05	0.00E+00	7.06E-06	0.00E+00	1.88E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
3095	ALL	653898.5	4187358	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.27E-05	0.00E+00	7.33E-06	0.00E+00	1.96E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
3096	ALL	653920.3	4187368	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.42E-05	0.00E+00	7.62E-06	0.00E+00	2.03E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
3097	ALL	653942.1	4187378	NonCancer	0.00E+00	3.18E-06	0.00E+00	2.11E-07	2.11E-07	2.11E-07	4.56E-05	0.00E+00	7.91E-06	0.00E+00	2.11E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
3098	ALL	653964	4187388	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.67E-05	0.00E+00	8.19E-06	0.00E+00	2.19E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
3099	ALL	653985.8	4187398	NonCancer	0.00E+00	3.39E-06	0.00E+00	2.25E-07	2.25E-07	2.25E-07	4.76E-05	0.00E+00	8.42E-06	0.00E+00	2.25E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04

3100	ALL	654007.6	4187408	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.82E-05	0.00E+00	8.56E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3101	ALL	654029.4	4187418	NonCancer	0.00E+00	3.46E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.85E-05	0.00E+00	8.59E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3102	ALL	654051.2	4187428	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.87E-05	0.00E+00	8.57E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3103	ALL	654073	4187438	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	4.89E-05	0.00E+00	8.57E-06	0.00E+00	2.29E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3104	ALL	654094.9	4187448	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.30E-07	2.30E-07	2.30E-07	4.94E-05	0.00E+00	8.63E-06	0.00E+00	2.30E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
3105	ALL	654116.7	4187458	NonCancer	0.00E+00	3.53E-06	0.00E+00	2.34E-07	2.34E-07	2.34E-07	5.00E-05	0.00E+00	8.77E-06	0.00E+00	2.34E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
3106	ALL	654138.5	4187468	NonCancer	0.00E+00	3.60E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.06E-05	0.00E+00	8.95E-06	0.00E+00	2.39E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3107	ALL	654160.3	4187478	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.12E-05	0.00E+00	9.11E-06	0.00E+00	2.43E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
3108	ALL	654182.1	4187488	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.15E-05	0.00E+00	9.21E-06	0.00E+00	2.46E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
3109	ALL	654203.9	4187498	NonCancer	0.00E+00	3.73E-06	0.00E+00	2.47E-07	2.47E-07	2.47E-07	5.16E-05	0.00E+00	9.26E-06	0.00E+00	2.47E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
3110	ALL	654233.6	4187531	NonCancer	0.00E+00	3.88E-06	0.00E+00	2.58E-07	2.58E-07	2.58E-07	5.37E-05	0.00E+00	9.65E-06	0.00E+00	2.58E-07	1.47E-04	0.00E+00	0.00E+00	1.47E-04
3111	ALL	654241.4	4187553	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.68E-07	2.68E-07	2.68E-07	5.58E-05	0.00E+00	1.00E-05	0.00E+00	2.68E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04
3112	ALL	654249.3	4187576	NonCancer	0.00E+00	4.20E-06	0.00E+00	2.79E-07	2.79E-07	2.79E-07	5.77E-05	0.00E+00	1.04E-05	0.00E+00	2.79E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
3113	ALL	654257.1	4187599	NonCancer	0.00E+00	4.34E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.95E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.63E-04	0.00E+00	0.00E+00	1.63E-04
3114	ALL	654265	4187622	NonCancer	0.00E+00	4.46E-06	0.00E+00	2.96E-07	2.96E-07	2.96E-07	6.10E-05	0.00E+00	1.11E-05	0.00E+00	2.96E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
3115	ALL	654272.8	4187644	NonCancer	0.00E+00	4.56E-06	0.00E+00	3.02E-07	3.02E-07	3.02E-07	6.22E-05	0.00E+00	1.13E-05	0.00E+00	3.02E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3116	ALL	654280.7	4187667	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	6.31E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
3117	ALL	654288.5	4187690	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.37E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3118	ALL	654296.4	4187712	NonCancer	0.00E+00	4.68E-06	0.00E+00	3.11E-07	3.11E-07	3.11E-07	6.39E-05	0.00E+00	1.16E-05	0.00E+00	3.11E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3119	ALL	654304.2	4187735	NonCancer	0.00E+00	4.67E-06	0.00E+00	3.10E-07	3.10E-07	3.10E-07	6.39E-05	0.00E+00	1.16E-05	0.00E+00	3.10E-07	1.76E-04	0.00E+00	0.00E+00	1.76E-04
3120	ALL	654312.1	4187758	NonCancer	0.00E+00	4.63E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	6.37E-05	0.00E+00	1.15E-05	0.00E+00	3.08E-07	1.75E-04	0.00E+00	0.00E+00	1.75E-04
3121	ALL	654319.9	4187780	NonCancer	0.00E+00	4.59E-06	0.00E+00	3.04E-07	3.04E-07	3.04E-07	6.33E-05	0.00E+00	1.14E-05	0.00E+00	3.04E-07	1.73E-04	0.00E+00	0.00E+00	1.73E-04
3122	ALL	654327.8	4187803	NonCancer	0.00E+00	4.54E-06	0.00E+00	3.01E-07	3.01E-07	3.01E-07	6.27E-05	0.00E+00	1.13E-05	0.00E+00	3.01E-07	1.71E-04	0.00E+00	0.00E+00	1.71E-04
3123	ALL	654335.6	4187826	NonCancer	0.00E+00	4.49E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.19E-05	0.00E+00	1.11E-05	0.00E+00	2.98E-07	1.69E-04	0.00E+00	0.00E+00	1.69E-04
3124	ALL	654343.5	4187848	NonCancer	0.00E+00	4.42E-06	0.00E+00	2.93E-07	2.93E-07	2.93E-07	6.10E-05	0.00E+00	1.10E-05	0.00E+00	2.93E-07	1.67E-04	0.00E+00	0.00E+00	1.67E-04
3125	ALL	654351.3	4187871	NonCancer	0.00E+00	4.33E-06	0.00E+00	2.88E-07	2.88E-07	2.88E-07	5.98E-05	0.00E+00	1.08E-05	0.00E+00	2.88E-07	1.64E-04	0.00E+00	0.00E+00	1.64E-04
3126	ALL	654359.1	4187894	NonCancer	0.00E+00	4.22E-06	0.00E+00	2.80E-07	2.80E-07	2.80E-07	5.84E-05	0.00E+00	1.05E-05	0.00E+00	2.80E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
3127	ALL	653833.1	4187328	NonCancer	0.00E+00	2.59E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.79E-05	0.00E+00	6.44E-06	0.00E+00	1.72E-07	9.94E-05	0.00E+00	0.00E+00	9.94E-05
3128	ALL	653808.3	4187327	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.71E-05	0.00E+00	6.25E-06	0.00E+00	1.67E-07	9.66E-05	0.00E+00	0.00E+00	9.66E-05
3129	ALL	653783.5	4187326	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.62E-05	0.00E+00	6.07E-06	0.00E+00	1.62E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
3130	ALL	653758.7	4187326	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.55E-05	0.00E+00	5.93E-06	0.00E+00	1.58E-07	9.19E-05	0.00E+00	0.00E+00	9.19E-05
3131	ALL	653733.9	4187325	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.49E-05	0.00E+00	5.87E-06	0.00E+00	1.56E-07	9.09E-05	0.00E+00	0.00E+00	9.09E-05
3132	ALL	653709.2	4187325	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.47E-05	0.00E+00	5.91E-06	0.00E+00	1.57E-07	9.11E-05	0.00E+00	0.00E+00	9.11E-05
3133	ALL	653857.8	4187238	NonCancer	0.00E+00	2.09E-06	0.00E+00	1.39E-07	1.39E-07	1.39E-07	3.06E-05	0.00E+00	5.20E-06	0.00E+00	1.39E-07	8.02E-05	0.00E+00	0.00E+00	8.02E-05
3134	ALL	653879.9	4187248	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.17E-05	0.00E+00	5.42E-06	0.00E+00	1.44E-07	8.35E-05	0.00E+00	0.00E+00	8.35E-05
3135	ALL	653902	4187258	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.28E-05	0.00E+00	5.61E-06	0.00E+00	1.50E-07	8.64E-05	0.00E+00	0.00E+00	8.64E-05
3136	ALL	653924.1	4187268	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.39E-05	0.00E+00	5.80E-06	0.00E+00	1.55E-07	8.93E-05	0.00E+00	0.00E+00	8.93E-05
3137	ALL	653946.2	4187279	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.49E-05	0.00E+00	5.99E-06	0.00E+00	1.60E-07	9.22E-05	0.00E+00	0.00E+00	9.22E-05
3138	ALL	653968.3	4187289	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.59E-05	0.00E+00	6.20E-06	0.00E+00	1.65E-07	9.52E-05	0.00E+00	0.00E+00	9.52E-05
3139	ALL	653990.4	4187299	NonCancer	0.00E+00	2.57E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.68E-05	0.00E+00	6.40E-06	0.00E+00	1.71E-07	9.81E-05	0.00E+00	0.00E+00	9.81E-05
3140	ALL	654012.5	4187309	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.76E-05	0.00E+00	6.58E-06	0.00E+00	1.76E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3141	ALL	654034.6	4187319	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.81E-05	0.00E+00	6.71E-06	0.00E+00	1.79E-07	1.02E-04	0.00E+00	0.00E+00	1.02E-04
3142	ALL	654056.7	4187329	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.83E-05	0.00E+00	6.76E-06	0.00E+00	1.81E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3143	ALL	654078.8	4187339	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.84E-05	0.00E+00	6.76E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3144	ALL	654100.9	4187350	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.85E-05	0.00E+00	6.72E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3145	ALL	654123	4187360	NonCancer	0.00E+00	2.70E-06	0.00E+00	1.79E-07	1.79E-07	1.79E-07	3.87E-05	0.00E+00	6.71E-06	0.00E+00	1.79E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3146	ALL	654145.1	4187370	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.89E-05	0.00E+00	6.75E-06	0.00E+00	1.80E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3147	ALL	654167.2	4187380	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.83E-07	1.83E-07	1.83E-07	3.94E-05	0.00E+00	6.84E-06	0.00E+00	1.83E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
3148	ALL	654189.3	4187390	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.98E-05	0.00E+00	6.96E-06	0.00E+00	1.86E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
3149	ALL	654211.4	4187400	NonCancer	0.00E+00	2.85E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.03E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04

3150	ALL	654233.5	4187410	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.06E-05	0.00E+00	7.19E-06	0.00E+00	1.92E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3151	ALL	654255.6	4187421	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.08E-05	0.00E+00	7.25E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3152	ALL	654277.7	4187431	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.09E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3153	ALL	654307.8	4187464	NonCancer	0.00E+00	3.03E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.23E-05	0.00E+00	7.53E-06	0.00E+00	2.01E-07	1.15E-04	0.00E+00	0.00E+00	1.15E-04
3154	ALL	654315.7	4187487	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.37E-05	0.00E+00	7.80E-06	0.00E+00	2.08E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
3155	ALL	654323.7	4187510	NonCancer	0.00E+00	3.25E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.51E-05	0.00E+00	8.06E-06	0.00E+00	2.15E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3156	ALL	654331.6	4187533	NonCancer	0.00E+00	3.35E-06	0.00E+00	2.22E-07	2.22E-07	2.22E-07	4.64E-05	0.00E+00	8.31E-06	0.00E+00	2.22E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3157	ALL	654339.6	4187556	NonCancer	0.00E+00	3.44E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	4.76E-05	0.00E+00	8.53E-06	0.00E+00	2.28E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
3158	ALL	654347.5	4187579	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.86E-05	0.00E+00	8.73E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
3159	ALL	654355.5	4187602	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.94E-05	0.00E+00	8.89E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3160	ALL	654363.4	4187625	NonCancer	0.00E+00	3.62E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.00E-05	0.00E+00	9.00E-06	0.00E+00	2.41E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3161	ALL	654371.4	4187648	NonCancer	0.00E+00	3.65E-06	0.00E+00	2.42E-07	2.42E-07	2.42E-07	5.04E-05	0.00E+00	9.07E-06	0.00E+00	2.42E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3162	ALL	654379.3	4187671	NonCancer	0.00E+00	3.67E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.06E-05	0.00E+00	9.10E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3163	ALL	654387.3	4187694	NonCancer	0.00E+00	3.66E-06	0.00E+00	2.43E-07	2.43E-07	2.43E-07	5.06E-05	0.00E+00	9.09E-06	0.00E+00	2.43E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3164	ALL	654395.2	4187717	NonCancer	0.00E+00	3.64E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.05E-05	0.00E+00	9.04E-06	0.00E+00	2.41E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
3165	ALL	654403.2	4187740	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.02E-05	0.00E+00	8.97E-06	0.00E+00	2.39E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
3166	ALL	654411.1	4187763	NonCancer	0.00E+00	3.58E-06	0.00E+00	2.37E-07	2.37E-07	2.37E-07	4.99E-05	0.00E+00	8.89E-06	0.00E+00	2.37E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
3167	ALL	654419	4187786	NonCancer	0.00E+00	3.54E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	4.95E-05	0.00E+00	8.80E-06	0.00E+00	2.35E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
3168	ALL	654427	4187809	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	4.89E-05	0.00E+00	8.72E-06	0.00E+00	2.33E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
3169	ALL	654434.9	4187832	NonCancer	0.00E+00	3.47E-06	0.00E+00	2.30E-07	2.30E-07	2.30E-07	4.83E-05	0.00E+00	8.61E-06	0.00E+00	2.30E-07	1.31E-04	0.00E+00	0.00E+00	1.31E-04
3170	ALL	654442.9	4187855	NonCancer	0.00E+00	3.41E-06	0.00E+00	2.26E-07	2.26E-07	2.26E-07	4.75E-05	0.00E+00	8.47E-06	0.00E+00	2.26E-07	1.29E-04	0.00E+00	0.00E+00	1.29E-04
3171	ALL	654450.8	4187878	NonCancer	0.00E+00	3.33E-06	0.00E+00	2.21E-07	2.21E-07	2.21E-07	4.65E-05	0.00E+00	8.28E-06	0.00E+00	2.21E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
3172	ALL	654458.8	4187901	NonCancer	0.00E+00	3.24E-06	0.00E+00	2.15E-07	2.15E-07	2.15E-07	4.54E-05	0.00E+00	8.06E-06	0.00E+00	2.15E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
3173	ALL	653835.7	4187228	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	2.94E-05	0.00E+00	4.97E-06	0.00E+00	1.32E-07	7.68E-05	0.00E+00	0.00E+00	7.68E-05
3174	ALL	653810.9	4187227	NonCancer	0.00E+00	1.94E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.88E-05	0.00E+00	4.83E-06	0.00E+00	1.29E-07	7.48E-05	0.00E+00	0.00E+00	7.48E-05
3175	ALL	653786.2	4187227	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.82E-05	0.00E+00	4.71E-06	0.00E+00	1.25E-07	7.31E-05	0.00E+00	0.00E+00	7.31E-05
3176	ALL	653761.4	4187226	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.77E-05	0.00E+00	4.62E-06	0.00E+00	1.23E-07	7.17E-05	0.00E+00	0.00E+00	7.17E-05
3177	ALL	653736.6	4187225	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.74E-05	0.00E+00	4.58E-06	0.00E+00	1.22E-07	7.09E-05	0.00E+00	0.00E+00	7.09E-05
3178	ALL	653711.8	4187225	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.72E-05	0.00E+00	4.59E-06	0.00E+00	1.22E-07	7.10E-05	0.00E+00	0.00E+00	7.10E-05
3179	ALL	653860.7	4187138	NonCancer	0.00E+00	1.66E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.45E-05	0.00E+00	4.14E-06	0.00E+00	1.10E-07	6.39E-05	0.00E+00	0.00E+00	6.39E-05
3180	ALL	653883	4187148	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.15E-07	1.15E-07	1.15E-07	2.53E-05	0.00E+00	4.31E-06	0.00E+00	1.15E-07	6.64E-05	0.00E+00	0.00E+00	6.64E-05
3181	ALL	653905.3	4187159	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.61E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.86E-05	0.00E+00	0.00E+00	6.86E-05
3182	ALL	653927.6	4187169	NonCancer	0.00E+00	1.84E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.69E-05	0.00E+00	4.59E-06	0.00E+00	1.22E-07	7.07E-05	0.00E+00	0.00E+00	7.07E-05
3183	ALL	653950	4187179	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.77E-05	0.00E+00	4.72E-06	0.00E+00	1.26E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
3184	ALL	653972.3	4187189	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.85E-05	0.00E+00	4.86E-06	0.00E+00	1.30E-07	7.49E-05	0.00E+00	0.00E+00	7.49E-05
3185	ALL	653994.6	4187200	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	2.92E-05	0.00E+00	5.01E-06	0.00E+00	1.33E-07	7.71E-05	0.00E+00	0.00E+00	7.71E-05
3186	ALL	654016.9	4187210	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	2.99E-05	0.00E+00	5.16E-06	0.00E+00	1.38E-07	7.92E-05	0.00E+00	0.00E+00	7.92E-05
3187	ALL	654039.2	4187220	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.05E-05	0.00E+00	5.30E-06	0.00E+00	1.41E-07	8.12E-05	0.00E+00	0.00E+00	8.12E-05
3188	ALL	654061.5	4187230	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.09E-05	0.00E+00	5.41E-06	0.00E+00	1.44E-07	8.28E-05	0.00E+00	0.00E+00	8.28E-05
3189	ALL	654083.8	4187241	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.12E-05	0.00E+00	5.47E-06	0.00E+00	1.46E-07	8.37E-05	0.00E+00	0.00E+00	8.37E-05
3190	ALL	654106.1	4187251	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.13E-05	0.00E+00	5.49E-06	0.00E+00	1.47E-07	8.40E-05	0.00E+00	0.00E+00	8.40E-05
3191	ALL	654128.5	4187261	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.13E-05	0.00E+00	5.47E-06	0.00E+00	1.46E-07	8.38E-05	0.00E+00	0.00E+00	8.38E-05
3192	ALL	654150.8	4187271	NonCancer	0.00E+00	2.19E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.13E-05	0.00E+00	5.44E-06	0.00E+00	1.45E-07	8.34E-05	0.00E+00	0.00E+00	8.34E-05
3193	ALL	654173.1	4187282	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.14E-05	0.00E+00	5.42E-06	0.00E+00	1.45E-07	8.33E-05	0.00E+00	0.00E+00	8.33E-05
3194	ALL	654195.4	4187292	NonCancer	0.00E+00	2.19E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.16E-05	0.00E+00	5.44E-06	0.00E+00	1.45E-07	8.37E-05	0.00E+00	0.00E+00	8.37E-05
3195	ALL	654217.7	4187302	NonCancer	0.00E+00	2.21E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.19E-05	0.00E+00	5.51E-06	0.00E+00	1.47E-07	8.46E-05	0.00E+00	0.00E+00	8.46E-05
3196	ALL	654240	4187312	NonCancer	0.00E+00	2.25E-06	0.00E+00	1.49E-07	1.49E-07	1.49E-07	3.23E-05	0.00E+00	5.59E-06	0.00E+00	1.49E-07	8.58E-05	0.00E+00	0.00E+00	8.58E-05
3197	ALL	654262.3	4187323	NonCancer	0.00E+00	2.29E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.26E-05	0.00E+00	5.69E-06	0.00E+00	1.52E-07	8.71E-05	0.00E+00	0.00E+00	8.71E-05
3198	ALL	654284.6	4187333	NonCancer	0.00E+00	2.32E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.29E-05	0.00E+00	5.77E-06	0.00E+00	1.54E-07	8.83E-05	0.00E+00	0.00E+00	8.83E-05
3199	ALL	654307	4187343	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.32E-05	0.00E+00	5.84E-06	0.00E+00	1.56E-07	8.92E-05	0.00E+00	0.00E+00	8.92E-05

3200	ALL	654329.3	4187353	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.87E-06	0.00E+00	1.57E-07	8.96E-05	0.00E+00	0.00E+00	8.96E-05
3201	ALL	654351.6	4187364	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.33E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	8.97E-05	0.00E+00	0.00E+00	8.97E-05
3202	ALL	654381.9	4187397	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.25E-05	0.00E+00	0.00E+00	9.25E-05
3203	ALL	654389.9	4187420	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.54E-05	0.00E+00	6.26E-06	0.00E+00	1.67E-07	9.55E-05	0.00E+00	0.00E+00	9.55E-05
3204	ALL	654398	4187443	NonCancer	0.00E+00	2.60E-06	0.00E+00	1.72E-07	1.72E-07	1.72E-07	3.64E-05	0.00E+00	6.45E-06	0.00E+00	1.72E-07	9.84E-05	0.00E+00	0.00E+00	9.84E-05
3205	ALL	654406	4187467	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.74E-05	0.00E+00	6.63E-06	0.00E+00	1.77E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3206	ALL	654414	4187490	NonCancer	0.00E+00	2.74E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	3.83E-05	0.00E+00	6.80E-06	0.00E+00	1.82E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
3207	ALL	654422	4187513	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.91E-05	0.00E+00	6.95E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
3208	ALL	654430.1	4187536	NonCancer	0.00E+00	2.85E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	3.98E-05	0.00E+00	7.08E-06	0.00E+00	1.89E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
3209	ALL	654438.1	4187559	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.03E-05	0.00E+00	7.19E-06	0.00E+00	1.92E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3210	ALL	654446.1	4187583	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.07E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3211	ALL	654454.1	4187606	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.10E-05	0.00E+00	7.33E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3212	ALL	654462.2	4187629	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.12E-05	0.00E+00	7.35E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3213	ALL	654470.2	4187652	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.12E-05	0.00E+00	7.35E-06	0.00E+00	1.96E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3214	ALL	654478.2	4187675	NonCancer	0.00E+00	2.95E-06	0.00E+00	1.95E-07	1.95E-07	1.95E-07	4.11E-05	0.00E+00	7.32E-06	0.00E+00	1.95E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
3215	ALL	654486.2	4187699	NonCancer	0.00E+00	2.92E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.10E-05	0.00E+00	7.27E-06	0.00E+00	1.94E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
3216	ALL	654494.3	4187722	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.08E-05	0.00E+00	7.21E-06	0.00E+00	1.93E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
3217	ALL	654502.3	4187745	NonCancer	0.00E+00	2.88E-06	0.00E+00	1.91E-07	1.91E-07	1.91E-07	4.05E-05	0.00E+00	7.15E-06	0.00E+00	1.91E-07	1.09E-04	0.00E+00	0.00E+00	1.09E-04
3218	ALL	654510.3	4187768	NonCancer	0.00E+00	2.86E-06	0.00E+00	1.90E-07	1.90E-07	1.90E-07	4.02E-05	0.00E+00	7.10E-06	0.00E+00	1.90E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
3219	ALL	654518.3	4187791	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	3.98E-05	0.00E+00	7.04E-06	0.00E+00	1.88E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
3220	ALL	654526.4	4187815	NonCancer	0.00E+00	2.80E-06	0.00E+00	1.86E-07	1.86E-07	1.86E-07	3.94E-05	0.00E+00	6.97E-06	0.00E+00	1.86E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
3221	ALL	654534.4	4187838	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	3.88E-05	0.00E+00	6.87E-06	0.00E+00	1.84E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
3222	ALL	654542.4	4187861	NonCancer	0.00E+00	2.71E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	3.81E-05	0.00E+00	6.75E-06	0.00E+00	1.80E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
3223	ALL	654550.4	4187884	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.73E-05	0.00E+00	6.59E-06	0.00E+00	1.76E-07	1.01E-04	0.00E+00	0.00E+00	1.01E-04
3224	ALL	654558.5	4187907	NonCancer	0.00E+00	2.58E-06	0.00E+00	1.71E-07	1.71E-07	1.71E-07	3.65E-05	0.00E+00	6.41E-06	0.00E+00	1.71E-07	9.81E-05	0.00E+00	0.00E+00	9.81E-05
3225	ALL	653838.4	4187128	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.36E-05	0.00E+00	3.97E-06	0.00E+00	1.06E-07	6.14E-05	0.00E+00	0.00E+00	6.14E-05
3226	ALL	653813.6	4187127	NonCancer	0.00E+00	1.55E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.32E-05	0.00E+00	3.87E-06	0.00E+00	1.03E-07	6.00E-05	0.00E+00	0.00E+00	6.00E-05
3227	ALL	653788.8	4187127	NonCancer	0.00E+00	1.52E-06	0.00E+00	1.01E-07	1.01E-07	1.01E-07	2.27E-05	0.00E+00	3.78E-06	0.00E+00	1.01E-07	5.87E-05	0.00E+00	0.00E+00	5.87E-05
3228	ALL	653764.1	4187126	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.89E-08	9.89E-08	9.89E-08	2.24E-05	0.00E+00	3.72E-06	0.00E+00	9.89E-08	5.77E-05	0.00E+00	0.00E+00	5.77E-05
3229	ALL	653739.3	4187125	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.80E-08	9.80E-08	9.80E-08	2.21E-05	0.00E+00	3.68E-06	0.00E+00	9.80E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3230	ALL	653714.5	4187125	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.82E-08	9.82E-08	9.82E-08	2.20E-05	0.00E+00	3.69E-06	0.00E+00	9.82E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3231	ALL	653863.5	4187038	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.01E-08	9.01E-08	9.01E-08	2.01E-05	0.00E+00	3.38E-06	0.00E+00	9.01E-08	5.23E-05	0.00E+00	0.00E+00	5.23E-05
3232	ALL	653886	4187049	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.36E-08	9.36E-08	9.36E-08	2.07E-05	0.00E+00	3.51E-06	0.00E+00	9.36E-08	5.42E-05	0.00E+00	0.00E+00	5.42E-05
3233	ALL	653908.5	4187059	NonCancer	0.00E+00	1.46E-06	0.00E+00	9.68E-08	9.68E-08	9.68E-08	2.14E-05	0.00E+00	3.63E-06	0.00E+00	9.68E-08	5.60E-05	0.00E+00	0.00E+00	5.60E-05
3234	ALL	653931	4187069	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.96E-08	9.96E-08	9.96E-08	2.20E-05	0.00E+00	3.74E-06	0.00E+00	9.96E-08	5.76E-05	0.00E+00	0.00E+00	5.76E-05
3235	ALL	653953.5	4187080	NonCancer	0.00E+00	1.54E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.26E-05	0.00E+00	3.84E-06	0.00E+00	1.02E-07	5.92E-05	0.00E+00	0.00E+00	5.92E-05
3236	ALL	653975.9	4187090	NonCancer	0.00E+00	1.58E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.31E-05	0.00E+00	3.93E-06	0.00E+00	1.05E-07	6.07E-05	0.00E+00	0.00E+00	6.07E-05
3237	ALL	653998.4	4187100	NonCancer	0.00E+00	1.62E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.37E-05	0.00E+00	4.04E-06	0.00E+00	1.08E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
3238	ALL	654020.9	4187110	NonCancer	0.00E+00	1.67E-06	0.00E+00	1.11E-07	1.11E-07	1.11E-07	2.43E-05	0.00E+00	4.15E-06	0.00E+00	1.11E-07	6.39E-05	0.00E+00	0.00E+00	6.39E-05
3239	ALL	654043.4	4187121	NonCancer	0.00E+00	1.71E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.48E-05	0.00E+00	4.26E-06	0.00E+00	1.14E-07	6.55E-05	0.00E+00	0.00E+00	6.55E-05
3240	ALL	654065.8	4187131	NonCancer	0.00E+00	1.76E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.53E-05	0.00E+00	4.37E-06	0.00E+00	1.16E-07	6.71E-05	0.00E+00	0.00E+00	6.71E-05
3241	ALL	654088.3	4187141	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.57E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.84E-05	0.00E+00	0.00E+00	6.84E-05
3242	ALL	654110.8	4187152	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.59E-05	0.00E+00	4.53E-06	0.00E+00	1.21E-07	6.93E-05	0.00E+00	0.00E+00	6.93E-05
3243	ALL	654133.3	4187162	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.61E-05	0.00E+00	4.56E-06	0.00E+00	1.22E-07	6.98E-05	0.00E+00	0.00E+00	6.98E-05
3244	ALL	654155.8	4187172	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.22E-07	1.22E-07	1.22E-07	2.61E-05	0.00E+00	4.56E-06	0.00E+00	1.22E-07	6.98E-05	0.00E+00	0.00E+00	6.98E-05
3245	ALL	654178.2	4187183	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.61E-05	0.00E+00	4.53E-06	0.00E+00	1.21E-07	6.95E-05	0.00E+00	0.00E+00	6.95E-05
3246	ALL	654200.7	4187193	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.61E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	6.92E-05	0.00E+00	0.00E+00	6.92E-05
3247	ALL	654223.2	4187203	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.61E-05	0.00E+00	4.49E-06	0.00E+00	1.20E-07	6.90E-05	0.00E+00	0.00E+00	6.90E-05
3248	ALL	654245.7	4187214	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.63E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	6.93E-05	0.00E+00	0.00E+00	6.93E-05
3249	ALL	654268.1	4187224	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.65E-05	0.00E+00	4.54E-06	0.00E+00	1.21E-07	6.99E-05	0.00E+00	0.00E+00	6.99E-05

3250	ALL	654290.6	4187234	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.67E-05	0.00E+00	4.61E-06	0.00E+00	1.23E-07	7.08E-05	0.00E+00	0.00E+00	7.08E-05
3251	ALL	654313.1	4187245	NonCancer	0.00E+00	1.88E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.70E-05	0.00E+00	4.68E-06	0.00E+00	1.25E-07	7.18E-05	0.00E+00	0.00E+00	7.18E-05
3252	ALL	654335.6	4187255	NonCancer	0.00E+00	1.91E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	2.73E-05	0.00E+00	4.75E-06	0.00E+00	1.27E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
3253	ALL	654358.1	4187265	NonCancer	0.00E+00	1.93E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.75E-05	0.00E+00	4.81E-06	0.00E+00	1.28E-07	7.36E-05	0.00E+00	0.00E+00	7.36E-05
3254	ALL	654380.5	4187276	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.76E-05	0.00E+00	4.85E-06	0.00E+00	1.29E-07	7.41E-05	0.00E+00	0.00E+00	7.41E-05
3255	ALL	654403	4187286	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.77E-05	0.00E+00	4.87E-06	0.00E+00	1.30E-07	7.44E-05	0.00E+00	0.00E+00	7.44E-05
3256	ALL	654425.5	4187296	NonCancer	0.00E+00	1.96E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	2.77E-05	0.00E+00	4.87E-06	0.00E+00	1.30E-07	7.44E-05	0.00E+00	0.00E+00	7.44E-05
3257	ALL	654456.1	4187330	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	2.85E-05	0.00E+00	5.00E-06	0.00E+00	1.33E-07	7.64E-05	0.00E+00	0.00E+00	7.64E-05
3258	ALL	654464.1	4187353	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	2.93E-05	0.00E+00	5.15E-06	0.00E+00	1.37E-07	7.87E-05	0.00E+00	0.00E+00	7.87E-05
3259	ALL	654472.2	4187377	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.00E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.09E-05	0.00E+00	0.00E+00	8.09E-05
3260	ALL	654480.3	4187400	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.08E-05	0.00E+00	5.43E-06	0.00E+00	1.45E-07	8.29E-05	0.00E+00	0.00E+00	8.29E-05
3261	ALL	654488.4	4187423	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.15E-05	0.00E+00	5.56E-06	0.00E+00	1.48E-07	8.49E-05	0.00E+00	0.00E+00	8.49E-05
3262	ALL	654496.5	4187447	NonCancer	0.00E+00	2.28E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.22E-05	0.00E+00	5.68E-06	0.00E+00	1.52E-07	8.67E-05	0.00E+00	0.00E+00	8.67E-05
3263	ALL	654504.6	4187470	NonCancer	0.00E+00	2.33E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.27E-05	0.00E+00	5.79E-06	0.00E+00	1.54E-07	8.83E-05	0.00E+00	0.00E+00	8.83E-05
3264	ALL	654512.6	4187494	NonCancer	0.00E+00	2.37E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.32E-05	0.00E+00	5.88E-06	0.00E+00	1.57E-07	8.98E-05	0.00E+00	0.00E+00	8.98E-05
3265	ALL	654520.7	4187517	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.36E-05	0.00E+00	5.96E-06	0.00E+00	1.59E-07	9.09E-05	0.00E+00	0.00E+00	9.09E-05
3266	ALL	654528.8	4187540	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.39E-05	0.00E+00	6.02E-06	0.00E+00	1.61E-07	9.18E-05	0.00E+00	0.00E+00	9.18E-05
3267	ALL	654536.9	4187564	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.41E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.24E-05	0.00E+00	0.00E+00	9.24E-05
3268	ALL	654545	4187587	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.08E-06	0.00E+00	1.62E-07	9.27E-05	0.00E+00	0.00E+00	9.27E-05
3269	ALL	654553.1	4187610	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.08E-06	0.00E+00	1.62E-07	9.28E-05	0.00E+00	0.00E+00	9.28E-05
3270	ALL	654561.1	4187634	NonCancer	0.00E+00	2.44E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.43E-05	0.00E+00	6.06E-06	0.00E+00	1.62E-07	9.26E-05	0.00E+00	0.00E+00	9.26E-05
3271	ALL	654569.2	4187657	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.42E-05	0.00E+00	6.03E-06	0.00E+00	1.61E-07	9.21E-05	0.00E+00	0.00E+00	9.21E-05
3272	ALL	654577.3	4187681	NonCancer	0.00E+00	2.41E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.41E-05	0.00E+00	5.99E-06	0.00E+00	1.60E-07	9.16E-05	0.00E+00	0.00E+00	9.16E-05
3273	ALL	654585.4	4187704	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.39E-05	0.00E+00	5.95E-06	0.00E+00	1.59E-07	9.10E-05	0.00E+00	0.00E+00	9.10E-05
3274	ALL	654593.5	4187727	NonCancer	0.00E+00	2.38E-06	0.00E+00	1.58E-07	1.58E-07	1.58E-07	3.37E-05	0.00E+00	5.90E-06	0.00E+00	1.58E-07	9.03E-05	0.00E+00	0.00E+00	9.03E-05
3275	ALL	654601.6	4187751	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.57E-07	1.57E-07	1.57E-07	3.34E-05	0.00E+00	5.87E-06	0.00E+00	1.57E-07	8.97E-05	0.00E+00	0.00E+00	8.97E-05
3276	ALL	654609.7	4187774	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.31E-05	0.00E+00	5.83E-06	0.00E+00	1.55E-07	8.91E-05	0.00E+00	0.00E+00	8.91E-05
3277	ALL	654617.7	4187797	NonCancer	0.00E+00	2.32E-06	0.00E+00	1.54E-07	1.54E-07	1.54E-07	3.28E-05	0.00E+00	5.77E-06	0.00E+00	1.54E-07	8.82E-05	0.00E+00	0.00E+00	8.82E-05
3278	ALL	654625.8	4187821	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.52E-07	1.52E-07	1.52E-07	3.24E-05	0.00E+00	5.71E-06	0.00E+00	1.52E-07	8.72E-05	0.00E+00	0.00E+00	8.72E-05
3279	ALL	654633.9	4187844	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.19E-05	0.00E+00	5.62E-06	0.00E+00	1.50E-07	8.58E-05	0.00E+00	0.00E+00	8.58E-05
3280	ALL	654642	4187868	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.13E-05	0.00E+00	5.51E-06	0.00E+00	1.47E-07	8.42E-05	0.00E+00	0.00E+00	8.42E-05
3281	ALL	654650.1	4187891	NonCancer	0.00E+00	2.16E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.07E-05	0.00E+00	5.38E-06	0.00E+00	1.44E-07	8.23E-05	0.00E+00	0.00E+00	8.23E-05
3282	ALL	654658.2	4187914	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.00E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.03E-05	0.00E+00	0.00E+00	8.03E-05
3283	ALL	653841.1	4187028	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.66E-08	8.66E-08	8.66E-08	1.94E-05	0.00E+00	3.25E-06	0.00E+00	8.66E-08	5.03E-05	0.00E+00	0.00E+00	5.03E-05
3284	ALL	653816.3	4187027	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.46E-08	8.46E-08	8.46E-08	1.91E-05	0.00E+00	3.18E-06	0.00E+00	8.46E-08	4.93E-05	0.00E+00	0.00E+00	4.93E-05
3285	ALL	653791.5	4187027	NonCancer	0.00E+00	1.25E-06	0.00E+00	8.30E-08	8.30E-08	8.30E-08	1.88E-05	0.00E+00	3.12E-06	0.00E+00	8.30E-08	4.84E-05	0.00E+00	0.00E+00	4.84E-05
3286	ALL	653766.7	4187026	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.17E-08	8.17E-08	8.17E-08	1.85E-05	0.00E+00	3.07E-06	0.00E+00	8.17E-08	4.77E-05	0.00E+00	0.00E+00	4.77E-05
3287	ALL	653742	4187025	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.09E-08	8.09E-08	8.09E-08	1.83E-05	0.00E+00	3.04E-06	0.00E+00	8.09E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3288	ALL	653717.2	4187025	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.09E-08	8.09E-08	8.09E-08	1.82E-05	0.00E+00	3.04E-06	0.00E+00	8.09E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3289	ALL	653870.2	4186788	NonCancer	0.00E+00	8.91E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.33E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3290	ALL	653892.6	4186799	NonCancer	0.00E+00	9.20E-07	0.00E+00	6.10E-08	6.10E-08	6.10E-08	1.37E-05	0.00E+00	2.29E-06	0.00E+00	6.10E-08	3.55E-05	0.00E+00	0.00E+00	3.55E-05
3291	ALL	653915.1	4186809	NonCancer	0.00E+00	9.50E-07	0.00E+00	6.30E-08	6.30E-08	6.30E-08	1.40E-05	0.00E+00	2.37E-06	0.00E+00	6.30E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3292	ALL	653937.5	4186819	NonCancer	0.00E+00	9.78E-07	0.00E+00	6.49E-08	6.49E-08	6.49E-08	1.44E-05	0.00E+00	2.43E-06	0.00E+00	6.49E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
3293	ALL	653959.9	4186830	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.65E-08	6.65E-08	6.65E-08	1.47E-05	0.00E+00	2.50E-06	0.00E+00	6.65E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
3294	ALL	653982.4	4186840	NonCancer	0.00E+00	1.02E-06	0.00E+00	6.79E-08	6.79E-08	6.79E-08	1.50E-05	0.00E+00	2.55E-06	0.00E+00	6.79E-08	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3295	ALL	654004.8	4186850	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.92E-08	6.92E-08	6.92E-08	1.53E-05	0.00E+00	2.60E-06	0.00E+00	6.92E-08	4.01E-05	0.00E+00	0.00E+00	4.01E-05
3296	ALL	654027.3	4186860	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.05E-08	7.05E-08	7.05E-08	1.57E-05	0.00E+00	2.65E-06	0.00E+00	7.05E-08	4.09E-05	0.00E+00	0.00E+00	4.09E-05
3297	ALL	654049.7	4186871	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.19E-08	7.19E-08	7.19E-08	1.60E-05	0.00E+00	2.70E-06	0.00E+00	7.19E-08	4.17E-05	0.00E+00	0.00E+00	4.17E-05
3298	ALL	654072.1	4186881	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.34E-08	7.34E-08	7.34E-08	1.63E-05	0.00E+00	2.76E-06	0.00E+00	7.34E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
3299	ALL	654094.6	4186891	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.50E-08	7.50E-08	7.50E-08	1.66E-05	0.00E+00	2.81E-06	0.00E+00	7.50E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05

3300	ALL	654117	4186902	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.66E-08	7.66E-08	7.66E-08	1.69E-05	0.00E+00	2.88E-06	0.00E+00	7.66E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
3301	ALL	654139.5	4186912	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.72E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.52E-05	0.00E+00	0.00E+00	4.52E-05
3302	ALL	654161.9	4186922	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.98E-08	7.98E-08	7.98E-08	1.74E-05	0.00E+00	2.99E-06	0.00E+00	7.98E-08	4.60E-05	0.00E+00	0.00E+00	4.60E-05
3303	ALL	654184.3	4186933	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.12E-08	8.12E-08	8.12E-08	1.76E-05	0.00E+00	3.04E-06	0.00E+00	8.12E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3304	ALL	654206.8	4186943	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.21E-08	8.21E-08	8.21E-08	1.78E-05	0.00E+00	3.08E-06	0.00E+00	8.21E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
3305	ALL	654229.2	4186953	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.25E-08	8.25E-08	8.25E-08	1.78E-05	0.00E+00	3.09E-06	0.00E+00	8.25E-08	4.74E-05	0.00E+00	0.00E+00	4.74E-05
3306	ALL	654251.7	4186963	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.25E-08	8.25E-08	8.25E-08	1.78E-05	0.00E+00	3.09E-06	0.00E+00	8.25E-08	4.74E-05	0.00E+00	0.00E+00	4.74E-05
3307	ALL	654274.1	4186974	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.21E-08	8.21E-08	8.21E-08	1.78E-05	0.00E+00	3.08E-06	0.00E+00	8.21E-08	4.73E-05	0.00E+00	0.00E+00	4.73E-05
3308	ALL	654296.5	4186984	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.15E-08	8.15E-08	8.15E-08	1.78E-05	0.00E+00	3.06E-06	0.00E+00	8.15E-08	4.70E-05	0.00E+00	0.00E+00	4.70E-05
3309	ALL	654319	4186994	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.09E-08	8.09E-08	8.09E-08	1.77E-05	0.00E+00	3.03E-06	0.00E+00	8.09E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3310	ALL	654341.4	4187005	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.04E-08	8.04E-08	8.04E-08	1.77E-05	0.00E+00	3.02E-06	0.00E+00	8.04E-08	4.66E-05	0.00E+00	0.00E+00	4.66E-05
3311	ALL	654363.9	4187015	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.03E-08	8.03E-08	8.03E-08	1.78E-05	0.00E+00	3.02E-06	0.00E+00	8.03E-08	4.65E-05	0.00E+00	0.00E+00	4.65E-05
3312	ALL	654386.3	4187025	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.07E-08	8.07E-08	8.07E-08	1.78E-05	0.00E+00	3.03E-06	0.00E+00	8.07E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
3313	ALL	654408.7	4187036	NonCancer	0.00E+00	1.23E-06	0.00E+00	8.14E-08	8.14E-08	8.14E-08	1.80E-05	0.00E+00	3.06E-06	0.00E+00	8.14E-08	4.71E-05	0.00E+00	0.00E+00	4.71E-05
3314	ALL	654431.2	4187046	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.24E-08	8.24E-08	8.24E-08	1.81E-05	0.00E+00	3.09E-06	0.00E+00	8.24E-08	4.77E-05	0.00E+00	0.00E+00	4.77E-05
3315	ALL	654453.6	4187056	NonCancer	0.00E+00	1.26E-06	0.00E+00	8.35E-08	8.35E-08	8.35E-08	1.83E-05	0.00E+00	3.13E-06	0.00E+00	8.35E-08	4.82E-05	0.00E+00	0.00E+00	4.82E-05
3316	ALL	654476.1	4187066	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.46E-08	8.46E-08	8.46E-08	1.84E-05	0.00E+00	3.17E-06	0.00E+00	8.46E-08	4.88E-05	0.00E+00	0.00E+00	4.88E-05
3317	ALL	654498.5	4187077	NonCancer	0.00E+00	1.29E-06	0.00E+00	8.57E-08	8.57E-08	8.57E-08	1.86E-05	0.00E+00	3.21E-06	0.00E+00	8.57E-08	4.93E-05	0.00E+00	0.00E+00	4.93E-05
3318	ALL	654520.9	4187087	NonCancer	0.00E+00	1.30E-06	0.00E+00	8.65E-08	8.65E-08	8.65E-08	1.87E-05	0.00E+00	3.24E-06	0.00E+00	8.65E-08	4.97E-05	0.00E+00	0.00E+00	4.97E-05
3319	ALL	654543.4	4187097	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.71E-08	8.71E-08	8.71E-08	1.88E-05	0.00E+00	3.27E-06	0.00E+00	8.71E-08	5.01E-05	0.00E+00	0.00E+00	5.01E-05
3320	ALL	654565.8	4187108	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.75E-08	8.75E-08	8.75E-08	1.88E-05	0.00E+00	3.28E-06	0.00E+00	8.75E-08	5.02E-05	0.00E+00	0.00E+00	5.02E-05
3321	ALL	654588.3	4187118	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.76E-08	8.76E-08	8.76E-08	1.89E-05	0.00E+00	3.28E-06	0.00E+00	8.76E-08	5.03E-05	0.00E+00	0.00E+00	5.03E-05
3322	ALL	654610.7	4187128	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.74E-08	8.74E-08	8.74E-08	1.88E-05	0.00E+00	3.28E-06	0.00E+00	8.74E-08	5.02E-05	0.00E+00	0.00E+00	5.02E-05
3323	ALL	654641.2	4187162	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.92E-08	8.92E-08	8.92E-08	1.92E-05	0.00E+00	3.34E-06	0.00E+00	8.92E-08	5.13E-05	0.00E+00	0.00E+00	5.13E-05
3324	ALL	654649.3	4187185	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.13E-08	9.13E-08	9.13E-08	1.97E-05	0.00E+00	3.42E-06	0.00E+00	9.13E-08	5.25E-05	0.00E+00	0.00E+00	5.25E-05
3325	ALL	654657.4	4187209	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.34E-08	9.34E-08	9.34E-08	2.01E-05	0.00E+00	3.50E-06	0.00E+00	9.34E-08	5.36E-05	0.00E+00	0.00E+00	5.36E-05
3326	ALL	654665.4	4187232	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.54E-08	9.54E-08	9.54E-08	2.05E-05	0.00E+00	3.58E-06	0.00E+00	9.54E-08	5.48E-05	0.00E+00	0.00E+00	5.48E-05
3327	ALL	654673.5	4187255	NonCancer	0.00E+00	1.47E-06	0.00E+00	9.73E-08	9.73E-08	9.73E-08	2.09E-05	0.00E+00	3.65E-06	0.00E+00	9.73E-08	5.59E-05	0.00E+00	0.00E+00	5.59E-05
3328	ALL	654681.6	4187279	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.91E-08	9.91E-08	9.91E-08	2.13E-05	0.00E+00	3.71E-06	0.00E+00	9.91E-08	5.69E-05	0.00E+00	0.00E+00	5.69E-05
3329	ALL	654689.6	4187302	NonCancer	0.00E+00	1.52E-06	0.00E+00	1.01E-07	1.01E-07	1.01E-07	2.17E-05	0.00E+00	3.78E-06	0.00E+00	1.01E-07	5.79E-05	0.00E+00	0.00E+00	5.79E-05
3330	ALL	654697.7	4187325	NonCancer	0.00E+00	1.54E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.20E-05	0.00E+00	3.84E-06	0.00E+00	1.02E-07	5.88E-05	0.00E+00	0.00E+00	5.88E-05
3331	ALL	654705.8	4187349	NonCancer	0.00E+00	1.57E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.23E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	5.97E-05	0.00E+00	0.00E+00	5.97E-05
3332	ALL	654713.9	4187372	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.26E-05	0.00E+00	3.95E-06	0.00E+00	1.05E-07	6.05E-05	0.00E+00	0.00E+00	6.05E-05
3333	ALL	654721.9	4187395	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.28E-05	0.00E+00	3.99E-06	0.00E+00	1.07E-07	6.11E-05	0.00E+00	0.00E+00	6.11E-05
3334	ALL	654730	4187419	NonCancer	0.00E+00	1.62E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.30E-05	0.00E+00	4.03E-06	0.00E+00	1.08E-07	6.16E-05	0.00E+00	0.00E+00	6.16E-05
3335	ALL	654738.1	4187442	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.31E-05	0.00E+00	4.06E-06	0.00E+00	1.08E-07	6.21E-05	0.00E+00	0.00E+00	6.21E-05
3336	ALL	654746.1	4187465	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.32E-05	0.00E+00	4.08E-06	0.00E+00	1.09E-07	6.24E-05	0.00E+00	0.00E+00	6.24E-05
3337	ALL	654754.2	4187489	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.09E-06	0.00E+00	1.09E-07	6.26E-05	0.00E+00	0.00E+00	6.26E-05
3338	ALL	654762.3	4187512	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.09E-06	0.00E+00	1.09E-07	6.26E-05	0.00E+00	0.00E+00	6.26E-05
3339	ALL	654770.3	4187535	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.09E-06	0.00E+00	1.09E-07	6.25E-05	0.00E+00	0.00E+00	6.25E-05
3340	ALL	654778.4	4187559	NonCancer	0.00E+00	1.64E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.33E-05	0.00E+00	4.07E-06	0.00E+00	1.09E-07	6.23E-05	0.00E+00	0.00E+00	6.23E-05
3341	ALL	654786.5	4187582	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.32E-05	0.00E+00	4.05E-06	0.00E+00	1.08E-07	6.20E-05	0.00E+00	0.00E+00	6.20E-05
3342	ALL	654794.6	4187605	NonCancer	0.00E+00	1.62E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.32E-05	0.00E+00	4.03E-06	0.00E+00	1.07E-07	6.17E-05	0.00E+00	0.00E+00	6.17E-05
3343	ALL	654802.6	4187629	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.31E-05	0.00E+00	4.00E-06	0.00E+00	1.07E-07	6.14E-05	0.00E+00	0.00E+00	6.14E-05
3344	ALL	654810.7	4187652	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.30E-05	0.00E+00	3.98E-06	0.00E+00	1.06E-07	6.11E-05	0.00E+00	0.00E+00	6.11E-05
3345	ALL	654818.8	4187675	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.28E-05	0.00E+00	3.96E-06	0.00E+00	1.06E-07	6.08E-05	0.00E+00	0.00E+00	6.08E-05
3346	ALL	654826.8	4187699	NonCancer	0.00E+00	1.59E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.27E-05	0.00E+00	3.94E-06	0.00E+00	1.05E-07	6.05E-05	0.00E+00	0.00E+00	6.05E-05
3347	ALL	654834.9	4187722	NonCancer	0.00E+00	1.58E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.26E-05	0.00E+00	3.92E-06	0.00E+00	1.05E-07	6.02E-05	0.00E+00	0.00E+00	6.02E-05
3348	ALL	654843	4187745	NonCancer	0.00E+00	1.57E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.24E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	5.98E-05	0.00E+00	0.00E+00	5.98E-05
3349	ALL	654851	4187769	NonCancer	0.00E+00	1.56E-06	0.00E+00	1.03E-07	1.03E-07	1.03E-07	2.22E-05	0.00E+00	3.88E-06	0.00E+00	1.03E-07	5.94E-05	0.00E+00	0.00E+00	5.94E-05

3350	ALL	654859.1	4187792	NonCancer	0.00E+00	1.54E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.20E-05	0.00E+00	3.84E-06	0.00E+00	1.02E-07	5.88E-05	0.00E+00	0.00E+00	5.88E-05
3351	ALL	654867.2	4187815	NonCancer	0.00E+00	1.53E-06	0.00E+00	1.01E-07	1.01E-07	1.01E-07	2.17E-05	0.00E+00	3.79E-06	0.00E+00	1.01E-07	5.81E-05	0.00E+00	0.00E+00	5.81E-05
3352	ALL	654875.3	4187839	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.96E-08	9.96E-08	9.96E-08	2.14E-05	0.00E+00	3.73E-06	0.00E+00	9.96E-08	5.72E-05	0.00E+00	0.00E+00	5.72E-05
3353	ALL	654883.3	4187862	NonCancer	0.00E+00	1.47E-06	0.00E+00	9.78E-08	9.78E-08	9.78E-08	2.11E-05	0.00E+00	3.67E-06	0.00E+00	9.78E-08	5.62E-05	0.00E+00	0.00E+00	5.62E-05
3354	ALL	654891.4	4187885	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.58E-08	9.58E-08	9.58E-08	2.07E-05	0.00E+00	3.59E-06	0.00E+00	9.58E-08	5.51E-05	0.00E+00	0.00E+00	5.51E-05
3355	ALL	654899.5	4187909	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.38E-08	9.38E-08	9.38E-08	2.04E-05	0.00E+00	3.52E-06	0.00E+00	9.38E-08	5.40E-05	0.00E+00	0.00E+00	5.40E-05
3356	ALL	654907.5	4187932	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.19E-08	9.19E-08	9.19E-08	2.00E-05	0.00E+00	3.45E-06	0.00E+00	9.19E-08	5.29E-05	0.00E+00	0.00E+00	5.29E-05
3357	ALL	653847.7	4186778	NonCancer	0.00E+00	8.63E-07	0.00E+00	5.73E-08	5.73E-08	5.73E-08	1.29E-05	0.00E+00	2.15E-06	0.00E+00	5.73E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3358	ALL	653823	4186777	NonCancer	0.00E+00	8.48E-07	0.00E+00	5.63E-08	5.63E-08	5.63E-08	1.28E-05	0.00E+00	2.11E-06	0.00E+00	5.63E-08	3.28E-05	0.00E+00	0.00E+00	3.28E-05
3359	ALL	653798.2	4186777	NonCancer	0.00E+00	8.35E-07	0.00E+00	5.54E-08	5.54E-08	5.54E-08	1.26E-05	0.00E+00	2.08E-06	0.00E+00	5.54E-08	3.24E-05	0.00E+00	0.00E+00	3.24E-05
3360	ALL	653773.4	4186776	NonCancer	0.00E+00	8.25E-07	0.00E+00	5.47E-08	5.47E-08	5.47E-08	1.24E-05	0.00E+00	2.06E-06	0.00E+00	5.47E-08	3.20E-05	0.00E+00	0.00E+00	3.20E-05
3361	ALL	653748.6	4186775	NonCancer	0.00E+00	8.17E-07	0.00E+00	5.42E-08	5.42E-08	5.42E-08	1.23E-05	0.00E+00	2.04E-06	0.00E+00	5.42E-08	3.17E-05	0.00E+00	0.00E+00	3.17E-05
3362	ALL	653723.9	4186775	NonCancer	0.00E+00	8.15E-07	0.00E+00	5.41E-08	5.41E-08	5.41E-08	1.23E-05	0.00E+00	2.03E-06	0.00E+00	5.41E-08	3.16E-05	0.00E+00	0.00E+00	3.16E-05
3363	ALL	653876.8	4186538	NonCancer	0.00E+00	6.37E-07	0.00E+00	4.22E-08	4.22E-08	4.22E-08	9.55E-06	0.00E+00	1.59E-06	0.00E+00	4.22E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
3364	ALL	653899.3	4186549	NonCancer	0.00E+00	6.54E-07	0.00E+00	4.34E-08	4.34E-08	4.34E-08	9.78E-06	0.00E+00	1.63E-06	0.00E+00	4.34E-08	2.53E-05	0.00E+00	0.00E+00	2.53E-05
3365	ALL	653921.7	4186559	NonCancer	0.00E+00	6.72E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	1.00E-05	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3366	ALL	653944.1	4186569	NonCancer	0.00E+00	6.91E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.02E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3367	ALL	653966.5	4186580	NonCancer	0.00E+00	7.08E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.05E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3368	ALL	653988.9	4186590	NonCancer	0.00E+00	7.25E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.07E-05	0.00E+00	1.80E-06	0.00E+00	4.81E-08	2.79E-05	0.00E+00	0.00E+00	2.79E-05
3369	ALL	654011.3	4186600	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.09E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
3370	ALL	654033.8	4186610	NonCancer	0.00E+00	7.51E-07	0.00E+00	4.98E-08	4.98E-08	4.98E-08	1.11E-05	0.00E+00	1.87E-06	0.00E+00	4.98E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
3371	ALL	654056.2	4186621	NonCancer	0.00E+00	7.62E-07	0.00E+00	5.06E-08	5.06E-08	5.06E-08	1.12E-05	0.00E+00	1.90E-06	0.00E+00	5.06E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
3372	ALL	654078.6	4186631	NonCancer	0.00E+00	7.73E-07	0.00E+00	5.13E-08	5.13E-08	5.13E-08	1.14E-05	0.00E+00	1.93E-06	0.00E+00	5.13E-08	2.98E-05	0.00E+00	0.00E+00	2.98E-05
3373	ALL	654101	4186641	NonCancer	0.00E+00	7.85E-07	0.00E+00	5.21E-08	5.21E-08	5.21E-08	1.16E-05	0.00E+00	1.96E-06	0.00E+00	5.21E-08	3.02E-05	0.00E+00	0.00E+00	3.02E-05
3374	ALL	654123.4	4186652	NonCancer	0.00E+00	7.98E-07	0.00E+00	5.30E-08	5.30E-08	5.30E-08	1.18E-05	0.00E+00	1.99E-06	0.00E+00	5.30E-08	3.07E-05	0.00E+00	0.00E+00	3.07E-05
3375	ALL	654145.8	4186662	NonCancer	0.00E+00	8.12E-07	0.00E+00	5.39E-08	5.39E-08	5.39E-08	1.20E-05	0.00E+00	2.02E-06	0.00E+00	5.39E-08	3.13E-05	0.00E+00	0.00E+00	3.13E-05
3376	ALL	654168.3	4186672	NonCancer	0.00E+00	8.26E-07	0.00E+00	5.48E-08	5.48E-08	5.48E-08	1.22E-05	0.00E+00	2.06E-06	0.00E+00	5.48E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
3377	ALL	654190.7	4186682	NonCancer	0.00E+00	8.41E-07	0.00E+00	5.58E-08	5.58E-08	5.58E-08	1.24E-05	0.00E+00	2.09E-06	0.00E+00	5.58E-08	3.23E-05	0.00E+00	0.00E+00	3.23E-05
3378	ALL	654213.1	4186693	NonCancer	0.00E+00	8.57E-07	0.00E+00	5.68E-08	5.68E-08	5.68E-08	1.26E-05	0.00E+00	2.13E-06	0.00E+00	5.68E-08	3.29E-05	0.00E+00	0.00E+00	3.29E-05
3379	ALL	654235.5	4186703	NonCancer	0.00E+00	8.72E-07	0.00E+00	5.78E-08	5.78E-08	5.78E-08	1.27E-05	0.00E+00	2.17E-06	0.00E+00	5.78E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3380	ALL	654257.9	4186713	NonCancer	0.00E+00	8.85E-07	0.00E+00	5.87E-08	5.87E-08	5.87E-08	1.29E-05	0.00E+00	2.20E-06	0.00E+00	5.87E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3381	ALL	654280.3	4186724	NonCancer	0.00E+00	8.97E-07	0.00E+00	5.95E-08	5.95E-08	5.95E-08	1.30E-05	0.00E+00	2.23E-06	0.00E+00	5.95E-08	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3382	ALL	654302.7	4186734	NonCancer	0.00E+00	9.05E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.31E-05	0.00E+00	2.25E-06	0.00E+00	6.01E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3383	ALL	654325.2	4186744	NonCancer	0.00E+00	9.10E-07	0.00E+00	6.03E-08	6.03E-08	6.03E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.03E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3384	ALL	654347.6	4186755	NonCancer	0.00E+00	9.10E-07	0.00E+00	6.04E-08	6.04E-08	6.04E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.04E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3385	ALL	654370	4186765	NonCancer	0.00E+00	9.06E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.31E-05	0.00E+00	2.25E-06	0.00E+00	6.01E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3386	ALL	654392.4	4186775	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.98E-08	5.98E-08	5.98E-08	1.30E-05	0.00E+00	2.24E-06	0.00E+00	5.98E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3387	ALL	654414.8	4186785	NonCancer	0.00E+00	8.94E-07	0.00E+00	5.93E-08	5.93E-08	5.93E-08	1.30E-05	0.00E+00	2.22E-06	0.00E+00	5.93E-08	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3388	ALL	654437.2	4186796	NonCancer	0.00E+00	8.87E-07	0.00E+00	5.88E-08	5.88E-08	5.88E-08	1.30E-05	0.00E+00	2.21E-06	0.00E+00	5.88E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3389	ALL	654459.7	4186806	NonCancer	0.00E+00	8.81E-07	0.00E+00	5.85E-08	5.85E-08	5.85E-08	1.29E-05	0.00E+00	2.19E-06	0.00E+00	5.85E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3390	ALL	654482.1	4186816	NonCancer	0.00E+00	8.79E-07	0.00E+00	5.83E-08	5.83E-08	5.83E-08	1.29E-05	0.00E+00	2.19E-06	0.00E+00	5.83E-08	3.38E-05	0.00E+00	0.00E+00	3.38E-05
3391	ALL	654504.5	4186827	NonCancer	0.00E+00	8.79E-07	0.00E+00	5.83E-08	5.83E-08	5.83E-08	1.30E-05	0.00E+00	2.19E-06	0.00E+00	5.83E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3392	ALL	654526.9	4186837	NonCancer	0.00E+00	8.83E-07	0.00E+00	5.86E-08	5.86E-08	5.86E-08	1.30E-05	0.00E+00	2.20E-06	0.00E+00	5.86E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3393	ALL	654549.3	4186847	NonCancer	0.00E+00	8.91E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.31E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.43E-05	0.00E+00	0.00E+00	3.43E-05
3394	ALL	654571.7	4186857	NonCancer	0.00E+00	9.01E-07	0.00E+00	5.97E-08	5.97E-08	5.97E-08	1.32E-05	0.00E+00	2.24E-06	0.00E+00	5.97E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3395	ALL	654594.2	4186868	NonCancer	0.00E+00	9.11E-07	0.00E+00	6.04E-08	6.04E-08	6.04E-08	1.33E-05	0.00E+00	2.27E-06	0.00E+00	6.04E-08	3.50E-05	0.00E+00	0.00E+00	3.50E-05
3396	ALL	654616.6	4186878	NonCancer	0.00E+00	9.22E-07	0.00E+00	6.11E-08	6.11E-08	6.11E-08	1.34E-05	0.00E+00	2.29E-06	0.00E+00	6.11E-08	3.53E-05	0.00E+00	0.00E+00	3.53E-05
3397	ALL	654639	4186888	NonCancer	0.00E+00	9.32E-07	0.00E+00	6.18E-08	6.18E-08	6.18E-08	1.35E-05	0.00E+00	2.32E-06	0.00E+00	6.18E-08	3.57E-05	0.00E+00	0.00E+00	3.57E-05
3398	ALL	654661.4	4186899	NonCancer	0.00E+00	9.41E-07	0.00E+00	6.24E-08	6.24E-08	6.24E-08	1.36E-05	0.00E+00	2.34E-06	0.00E+00	6.24E-08	3.60E-05	0.00E+00	0.00E+00	3.60E-05
3399	ALL	654683.8	4186909	NonCancer	0.00E+00	9.48E-07	0.00E+00	6.29E-08	6.29E-08	6.29E-08	1.37E-05	0.00E+00	2.36E-06	0.00E+00	6.29E-08	3.62E-05	0.00E+00	0.00E+00	3.62E-05

3400	ALL	654706.2	4186919	NonCancer	0.00E+00	9.54E-07	0.00E+00	6.33E-08	6.33E-08	6.33E-08	1.37E-05	0.00E+00	2.37E-06	0.00E+00	6.33E-08	3.64E-05	0.00E+00	0.00E+00	3.64E-05
3401	ALL	654728.7	4186929	NonCancer	0.00E+00	9.58E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.36E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3402	ALL	654751.1	4186940	NonCancer	0.00E+00	9.59E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.38E-05	0.00E+00	2.39E-06	0.00E+00	6.36E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3403	ALL	654773.5	4186950	NonCancer	0.00E+00	9.59E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.36E-08	3.66E-05	0.00E+00	0.00E+00	3.66E-05
3404	ALL	654795.9	4186960	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.38E-05	0.00E+00	2.38E-06	0.00E+00	6.35E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
3405	ALL	654826.4	4186994	NonCancer	0.00E+00	9.73E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.40E-05	0.00E+00	2.42E-06	0.00E+00	6.45E-08	3.71E-05	0.00E+00	0.00E+00	3.71E-05
3406	ALL	654834.4	4187017	NonCancer	0.00E+00	9.92E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.43E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
3407	ALL	654842.5	4187041	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.70E-08	6.70E-08	6.70E-08	1.45E-05	0.00E+00	2.51E-06	0.00E+00	6.70E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
3408	ALL	654850.6	4187064	NonCancer	0.00E+00	1.03E-06	0.00E+00	6.83E-08	6.83E-08	6.83E-08	1.48E-05	0.00E+00	2.56E-06	0.00E+00	6.83E-08	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3409	ALL	654858.6	4187087	NonCancer	0.00E+00	1.05E-06	0.00E+00	6.94E-08	6.94E-08	6.94E-08	1.50E-05	0.00E+00	2.60E-06	0.00E+00	6.94E-08	3.99E-05	0.00E+00	0.00E+00	3.99E-05
3410	ALL	654866.7	4187111	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.05E-08	7.05E-08	7.05E-08	1.53E-05	0.00E+00	2.64E-06	0.00E+00	7.05E-08	4.06E-05	0.00E+00	0.00E+00	4.06E-05
3411	ALL	654874.8	4187134	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.16E-08	7.16E-08	7.16E-08	1.55E-05	0.00E+00	2.68E-06	0.00E+00	7.16E-08	4.12E-05	0.00E+00	0.00E+00	4.12E-05
3412	ALL	654882.8	4187157	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.26E-08	7.26E-08	7.26E-08	1.57E-05	0.00E+00	2.72E-06	0.00E+00	7.26E-08	4.18E-05	0.00E+00	0.00E+00	4.18E-05
3413	ALL	654890.9	4187180	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.36E-08	7.36E-08	7.36E-08	1.60E-05	0.00E+00	2.76E-06	0.00E+00	7.36E-08	4.24E-05	0.00E+00	0.00E+00	4.24E-05
3414	ALL	654898.9	4187204	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.46E-08	7.46E-08	7.46E-08	1.62E-05	0.00E+00	2.80E-06	0.00E+00	7.46E-08	4.29E-05	0.00E+00	0.00E+00	4.29E-05
3415	ALL	654907	4187227	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.56E-08	7.56E-08	7.56E-08	1.63E-05	0.00E+00	2.83E-06	0.00E+00	7.56E-08	4.35E-05	0.00E+00	0.00E+00	4.35E-05
3416	ALL	654915.1	4187250	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.64E-08	7.64E-08	7.64E-08	1.65E-05	0.00E+00	2.87E-06	0.00E+00	7.64E-08	4.39E-05	0.00E+00	0.00E+00	4.39E-05
3417	ALL	654923.1	4187274	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.72E-08	7.72E-08	7.72E-08	1.67E-05	0.00E+00	2.89E-06	0.00E+00	7.72E-08	4.44E-05	0.00E+00	0.00E+00	4.44E-05
3418	ALL	654931.2	4187297	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.78E-08	7.78E-08	7.78E-08	1.68E-05	0.00E+00	2.92E-06	0.00E+00	7.78E-08	4.47E-05	0.00E+00	0.00E+00	4.47E-05
3419	ALL	654939.3	4187320	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.69E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.50E-05	0.00E+00	0.00E+00	4.50E-05
3420	ALL	654947.3	4187344	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.88E-08	7.88E-08	7.88E-08	1.70E-05	0.00E+00	2.95E-06	0.00E+00	7.88E-08	4.52E-05	0.00E+00	0.00E+00	4.52E-05
3421	ALL	654955.4	4187367	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.91E-08	7.91E-08	7.91E-08	1.70E-05	0.00E+00	2.96E-06	0.00E+00	7.91E-08	4.54E-05	0.00E+00	0.00E+00	4.54E-05
3422	ALL	654963.4	4187390	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.93E-08	7.93E-08	7.93E-08	1.71E-05	0.00E+00	2.97E-06	0.00E+00	7.93E-08	4.55E-05	0.00E+00	0.00E+00	4.55E-05
3423	ALL	654971.5	4187414	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.94E-08	7.94E-08	7.94E-08	1.71E-05	0.00E+00	2.98E-06	0.00E+00	7.94E-08	4.56E-05	0.00E+00	0.00E+00	4.56E-05
3424	ALL	654979.6	4187437	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.93E-08	7.93E-08	7.93E-08	1.71E-05	0.00E+00	2.97E-06	0.00E+00	7.93E-08	4.56E-05	0.00E+00	0.00E+00	4.56E-05
3425	ALL	654987.6	4187460	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.91E-08	7.91E-08	7.91E-08	1.71E-05	0.00E+00	2.96E-06	0.00E+00	7.91E-08	4.54E-05	0.00E+00	0.00E+00	4.54E-05
3426	ALL	654995.7	4187484	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.87E-08	7.87E-08	7.87E-08	1.70E-05	0.00E+00	2.95E-06	0.00E+00	7.87E-08	4.53E-05	0.00E+00	0.00E+00	4.53E-05
3427	ALL	655003.7	4187507	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.70E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
3428	ALL	655011.8	4187530	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.79E-08	7.79E-08	7.79E-08	1.69E-05	0.00E+00	2.92E-06	0.00E+00	7.79E-08	4.49E-05	0.00E+00	0.00E+00	4.49E-05
3429	ALL	655019.9	4187553	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.75E-08	7.75E-08	7.75E-08	1.69E-05	0.00E+00	2.91E-06	0.00E+00	7.75E-08	4.47E-05	0.00E+00	0.00E+00	4.47E-05
3430	ALL	655027.9	4187577	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.72E-08	7.72E-08	7.72E-08	1.68E-05	0.00E+00	2.89E-06	0.00E+00	7.72E-08	4.45E-05	0.00E+00	0.00E+00	4.45E-05
3431	ALL	655036	4187600	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.69E-08	7.69E-08	7.69E-08	1.68E-05	0.00E+00	2.88E-06	0.00E+00	7.69E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
3432	ALL	655044.1	4187623	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.66E-08	7.66E-08	7.66E-08	1.67E-05	0.00E+00	2.87E-06	0.00E+00	7.66E-08	4.42E-05	0.00E+00	0.00E+00	4.42E-05
3433	ALL	655052.1	4187647	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.63E-08	7.63E-08	7.63E-08	1.66E-05	0.00E+00	2.86E-06	0.00E+00	7.63E-08	4.40E-05	0.00E+00	0.00E+00	4.40E-05
3434	ALL	655060.2	4187670	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.61E-08	7.61E-08	7.61E-08	1.65E-05	0.00E+00	2.85E-06	0.00E+00	7.61E-08	4.38E-05	0.00E+00	0.00E+00	4.38E-05
3435	ALL	655068.2	4187693	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.58E-08	7.58E-08	7.58E-08	1.65E-05	0.00E+00	2.84E-06	0.00E+00	7.58E-08	4.37E-05	0.00E+00	0.00E+00	4.37E-05
3436	ALL	655076.3	4187717	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.55E-08	7.55E-08	7.55E-08	1.64E-05	0.00E+00	2.83E-06	0.00E+00	7.55E-08	4.34E-05	0.00E+00	0.00E+00	4.34E-05
3437	ALL	655084.4	4187740	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.50E-08	7.50E-08	7.50E-08	1.62E-05	0.00E+00	2.81E-06	0.00E+00	7.50E-08	4.32E-05	0.00E+00	0.00E+00	4.32E-05
3438	ALL	655092.4	4187763	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.45E-08	7.45E-08	7.45E-08	1.61E-05	0.00E+00	2.79E-06	0.00E+00	7.45E-08	4.28E-05	0.00E+00	0.00E+00	4.28E-05
3439	ALL	655100.5	4187787	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.37E-08	7.37E-08	7.37E-08	1.59E-05	0.00E+00	2.76E-06	0.00E+00	7.37E-08	4.24E-05	0.00E+00	0.00E+00	4.24E-05
3440	ALL	655108.6	4187810	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.28E-08	7.28E-08	7.28E-08	1.57E-05	0.00E+00	2.73E-06	0.00E+00	7.28E-08	4.18E-05	0.00E+00	0.00E+00	4.18E-05
3441	ALL	655116.6	4187833	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.17E-08	7.17E-08	7.17E-08	1.55E-05	0.00E+00	2.69E-06	0.00E+00	7.17E-08	4.13E-05	0.00E+00	0.00E+00	4.13E-05
3442	ALL	655124.7	4187856	NonCancer	0.00E+00	1.06E-06	0.00E+00	7.05E-08	7.05E-08	7.05E-08	1.53E-05	0.00E+00	2.64E-06	0.00E+00	7.05E-08	4.06E-05	0.00E+00	0.00E+00	4.06E-05
3443	ALL	655132.7	4187880	NonCancer	0.00E+00	1.04E-06	0.00E+00	6.93E-08	6.93E-08	6.93E-08	1.51E-05	0.00E+00	2.60E-06	0.00E+00	6.93E-08	3.99E-05	0.00E+00	0.00E+00	3.99E-05
3444	ALL	655140.8	4187903	NonCancer	0.00E+00	1.03E-06	0.00E+00	6.81E-08	6.81E-08	6.81E-08	1.49E-05	0.00E+00	2.55E-06	0.00E+00	6.81E-08	3.93E-05	0.00E+00	0.00E+00	3.93E-05
3445	ALL	655148.9	4187926	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.69E-08	6.69E-08	6.69E-08	1.46E-05	0.00E+00	2.51E-06	0.00E+00	6.69E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
3446	ALL	655156.9	4187950	NonCancer	0.00E+00	9.91E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.44E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.80E-05	0.00E+00	0.00E+00	3.80E-05
3447	ALL	653854.4	4186528	NonCancer	0.00E+00	6.21E-07	0.00E+00	4.12E-08	4.12E-08	4.12E-08	9.33E-06	0.00E+00	1.55E-06	0.00E+00	4.12E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
3448	ALL	653829.6	4186527	NonCancer	0.00E+00	6.12E-07	0.00E+00	4.06E-08	4.06E-08	4.06E-08	9.22E-06	0.00E+00	1.53E-06	0.00E+00	4.06E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
3449	ALL	653804.9	4186527	NonCancer	0.00E+00	6.04E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.12E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05

3450	ALL	653780.1	4186526	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.03E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
3451	ALL	653755.3	4186525	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.97E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
3452	ALL	653730.5	4186525	NonCancer	0.00E+00	5.90E-07	0.00E+00	3.91E-08	3.91E-08	3.91E-08	8.93E-06	0.00E+00	1.47E-06	0.00E+00	3.91E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
3453	ALL	653883.5	4186288	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.25E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3454	ALL	653905.9	4186299	NonCancer	0.00E+00	4.93E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.40E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3455	ALL	653928.3	4186309	NonCancer	0.00E+00	5.04E-07	0.00E+00	3.35E-08	3.35E-08	3.35E-08	7.55E-06	0.00E+00	1.26E-06	0.00E+00	3.35E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
3456	ALL	653950.7	4186319	NonCancer	0.00E+00	5.17E-07	0.00E+00	3.43E-08	3.43E-08	3.43E-08	7.71E-06	0.00E+00	1.29E-06	0.00E+00	3.43E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
3457	ALL	653973.1	4186330	NonCancer	0.00E+00	5.29E-07	0.00E+00	3.51E-08	3.51E-08	3.51E-08	7.86E-06	0.00E+00	1.32E-06	0.00E+00	3.51E-08	2.04E-05	0.00E+00	0.00E+00	2.04E-05
3458	ALL	653995.5	4186340	NonCancer	0.00E+00	5.41E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	8.02E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3459	ALL	654017.9	4186350	NonCancer	0.00E+00	5.52E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.16E-06	0.00E+00	1.38E-06	0.00E+00	3.66E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3460	ALL	654040.3	4186360	NonCancer	0.00E+00	5.62E-07	0.00E+00	3.73E-08	3.73E-08	3.73E-08	8.29E-06	0.00E+00	1.40E-06	0.00E+00	3.73E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
3461	ALL	654062.7	4186371	NonCancer	0.00E+00	5.71E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.42E-06	0.00E+00	1.42E-06	0.00E+00	3.79E-08	2.20E-05	0.00E+00	0.00E+00	2.20E-05
3462	ALL	654085.1	4186381	NonCancer	0.00E+00	5.79E-07	0.00E+00	3.84E-08	3.84E-08	3.84E-08	8.54E-06	0.00E+00	1.44E-06	0.00E+00	3.84E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3463	ALL	654107.5	4186391	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.66E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
3464	ALL	654129.9	4186402	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.77E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
3465	ALL	654152.3	4186412	NonCancer	0.00E+00	6.00E-07	0.00E+00	3.98E-08	3.98E-08	3.98E-08	8.89E-06	0.00E+00	1.49E-06	0.00E+00	3.98E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
3466	ALL	654174.7	4186422	NonCancer	0.00E+00	6.08E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.01E-06	0.00E+00	1.51E-06	0.00E+00	4.04E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
3467	ALL	654197.1	4186432	NonCancer	0.00E+00	6.17E-07	0.00E+00	4.09E-08	4.09E-08	4.09E-08	9.14E-06	0.00E+00	1.54E-06	0.00E+00	4.09E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
3468	ALL	654219.5	4186443	NonCancer	0.00E+00	6.26E-07	0.00E+00	4.15E-08	4.15E-08	4.15E-08	9.27E-06	0.00E+00	1.56E-06	0.00E+00	4.15E-08	2.41E-05	0.00E+00	0.00E+00	2.41E-05
3469	ALL	654241.9	4186453	NonCancer	0.00E+00	6.36E-07	0.00E+00	4.22E-08	4.22E-08	4.22E-08	9.40E-06	0.00E+00	1.58E-06	0.00E+00	4.22E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
3470	ALL	654264.3	4186463	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.28E-08	4.28E-08	4.28E-08	9.52E-06	0.00E+00	1.61E-06	0.00E+00	4.28E-08	2.48E-05	0.00E+00	0.00E+00	2.48E-05
3471	ALL	654286.7	4186474	NonCancer	0.00E+00	6.55E-07	0.00E+00	4.35E-08	4.35E-08	4.35E-08	9.65E-06	0.00E+00	1.63E-06	0.00E+00	4.35E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3472	ALL	654309.1	4186484	NonCancer	0.00E+00	6.65E-07	0.00E+00	4.41E-08	4.41E-08	4.41E-08	9.76E-06	0.00E+00	1.66E-06	0.00E+00	4.41E-08	2.56E-05	0.00E+00	0.00E+00	2.56E-05
3473	ALL	654331.5	4186494	NonCancer	0.00E+00	6.75E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	9.87E-06	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3474	ALL	654353.9	4186504	NonCancer	0.00E+00	6.84E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	9.96E-06	0.00E+00	1.70E-06	0.00E+00	4.54E-08	2.62E-05	0.00E+00	0.00E+00	2.62E-05
3475	ALL	654376.3	4186515	NonCancer	0.00E+00	6.92E-07	0.00E+00	4.59E-08	4.59E-08	4.59E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.59E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3476	ALL	654398.7	4186525	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.62E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3477	ALL	654421.1	4186535	NonCancer	0.00E+00	7.00E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3478	ALL	654443.5	4186546	NonCancer	0.00E+00	7.00E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3479	ALL	654465.9	4186556	NonCancer	0.00E+00	6.98E-07	0.00E+00	4.63E-08	4.63E-08	4.63E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.63E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3480	ALL	654488.3	4186566	NonCancer	0.00E+00	6.94E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3481	ALL	654510.7	4186576	NonCancer	0.00E+00	6.90E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
3482	ALL	654533.1	4186587	NonCancer	0.00E+00	6.85E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	1.00E-05	0.00E+00	1.70E-06	0.00E+00	4.54E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3483	ALL	654555.5	4186597	NonCancer	0.00E+00	6.80E-07	0.00E+00	4.51E-08	4.51E-08	4.51E-08	9.97E-06	0.00E+00	1.69E-06	0.00E+00	4.51E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3484	ALL	654577.9	4186607	NonCancer	0.00E+00	6.75E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	9.95E-06	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.60E-05	0.00E+00	0.00E+00	2.60E-05
3485	ALL	654600.3	4186618	NonCancer	0.00E+00	6.72E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.94E-06	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3486	ALL	654622.7	4186628	NonCancer	0.00E+00	6.71E-07	0.00E+00	4.45E-08	4.45E-08	4.45E-08	9.95E-06	0.00E+00	1.67E-06	0.00E+00	4.45E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3487	ALL	654645.1	4186638	NonCancer	0.00E+00	6.73E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.98E-06	0.00E+00	1.68E-06	0.00E+00	4.46E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3488	ALL	654667.5	4186648	NonCancer	0.00E+00	6.76E-07	0.00E+00	4.49E-08	4.49E-08	4.49E-08	1.00E-05	0.00E+00	1.68E-06	0.00E+00	4.49E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3489	ALL	654689.9	4186659	NonCancer	0.00E+00	6.82E-07	0.00E+00	4.52E-08	4.52E-08	4.52E-08	1.01E-05	0.00E+00	1.70E-06	0.00E+00	4.52E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3490	ALL	654712.3	4186669	NonCancer	0.00E+00	6.88E-07	0.00E+00	4.57E-08	4.57E-08	4.57E-08	1.01E-05	0.00E+00	1.71E-06	0.00E+00	4.57E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3491	ALL	654734.7	4186679	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.02E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3492	ALL	654757.1	4186690	NonCancer	0.00E+00	7.03E-07	0.00E+00	4.66E-08	4.66E-08	4.66E-08	1.03E-05	0.00E+00	1.75E-06	0.00E+00	4.66E-08	2.70E-05	0.00E+00	0.00E+00	2.70E-05
3493	ALL	654779.5	4186700	NonCancer	0.00E+00	7.09E-07	0.00E+00	4.71E-08	4.71E-08	4.71E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.71E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05
3494	ALL	654801.9	4186710	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.04E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3495	ALL	654824.3	4186720	NonCancer	0.00E+00	7.22E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3496	ALL	654846.7	4186731	NonCancer	0.00E+00	7.27E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3497	ALL	654869.1	4186741	NonCancer	0.00E+00	7.31E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3498	ALL	654891.5	4186751	NonCancer	0.00E+00	7.34E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.87E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3499	ALL	654913.9	4186762	NonCancer	0.00E+00	7.35E-07	0.00E+00	4.88E-08	4.88E-08	4.88E-08	1.06E-05	0.00E+00	1.83E-06	0.00E+00	4.88E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05

3500	ALL	654936.3	4186772	NonCancer	0.00E+00	7.35E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.06E-05	0.00E+00	1.83E-06	0.00E+00	4.87E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
3501	ALL	654958.7	4186782	NonCancer	0.00E+00	7.34E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.06E-05	0.00E+00	1.83E-06	0.00E+00	4.87E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
3502	ALL	654981.1	4186792	NonCancer	0.00E+00	7.32E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.06E-05	0.00E+00	1.82E-06	0.00E+00	4.86E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
3503	ALL	655011.6	4186826	NonCancer	0.00E+00	7.42E-07	0.00E+00	4.92E-08	4.92E-08	4.92E-08	1.07E-05	0.00E+00	1.85E-06	0.00E+00	4.92E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
3504	ALL	655019.6	4186849	NonCancer	0.00E+00	7.55E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.09E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
3505	ALL	655027.7	4186873	NonCancer	0.00E+00	7.67E-07	0.00E+00	5.09E-08	5.09E-08	5.09E-08	1.11E-05	0.00E+00	1.91E-06	0.00E+00	5.09E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
3506	ALL	655035.7	4186896	NonCancer	0.00E+00	7.79E-07	0.00E+00	5.17E-08	5.17E-08	5.17E-08	1.13E-05	0.00E+00	1.94E-06	0.00E+00	5.17E-08	2.98E-05	0.00E+00	0.00E+00	2.98E-05
3507	ALL	655043.8	4186919	NonCancer	0.00E+00	7.91E-07	0.00E+00	5.25E-08	5.25E-08	5.25E-08	1.14E-05	0.00E+00	1.97E-06	0.00E+00	5.25E-08	3.02E-05	0.00E+00	0.00E+00	3.02E-05
3508	ALL	655051.8	4186942	NonCancer	0.00E+00	8.02E-07	0.00E+00	5.32E-08	5.32E-08	5.32E-08	1.16E-05	0.00E+00	2.00E-06	0.00E+00	5.32E-08	3.07E-05	0.00E+00	0.00E+00	3.07E-05
3509	ALL	655059.9	4186966	NonCancer	0.00E+00	8.13E-07	0.00E+00	5.39E-08	5.39E-08	5.39E-08	1.17E-05	0.00E+00	2.02E-06	0.00E+00	5.39E-08	3.11E-05	0.00E+00	0.00E+00	3.11E-05
3510	ALL	655068	4186989	NonCancer	0.00E+00	8.23E-07	0.00E+00	5.46E-08	5.46E-08	5.46E-08	1.19E-05	0.00E+00	2.05E-06	0.00E+00	5.46E-08	3.15E-05	0.00E+00	0.00E+00	3.15E-05
3511	ALL	655076	4187012	NonCancer	0.00E+00	8.33E-07	0.00E+00	5.52E-08	5.52E-08	5.52E-08	1.21E-05	0.00E+00	2.07E-06	0.00E+00	5.52E-08	3.19E-05	0.00E+00	0.00E+00	3.19E-05
3512	ALL	655084.1	4187036	NonCancer	0.00E+00	8.43E-07	0.00E+00	5.59E-08	5.59E-08	5.59E-08	1.22E-05	0.00E+00	2.10E-06	0.00E+00	5.59E-08	3.22E-05	0.00E+00	0.00E+00	3.22E-05
3513	ALL	655092.1	4187059	NonCancer	0.00E+00	8.53E-07	0.00E+00	5.66E-08	5.66E-08	5.66E-08	1.23E-05	0.00E+00	2.12E-06	0.00E+00	5.66E-08	3.26E-05	0.00E+00	0.00E+00	3.26E-05
3514	ALL	655100.2	4187082	NonCancer	0.00E+00	8.62E-07	0.00E+00	5.72E-08	5.72E-08	5.72E-08	1.25E-05	0.00E+00	2.15E-06	0.00E+00	5.72E-08	3.30E-05	0.00E+00	0.00E+00	3.30E-05
3515	ALL	655108.2	4187106	NonCancer	0.00E+00	8.72E-07	0.00E+00	5.78E-08	5.78E-08	5.78E-08	1.26E-05	0.00E+00	2.17E-06	0.00E+00	5.78E-08	3.33E-05	0.00E+00	0.00E+00	3.33E-05
3516	ALL	655116.3	4187129	NonCancer	0.00E+00	8.80E-07	0.00E+00	5.84E-08	5.84E-08	5.84E-08	1.27E-05	0.00E+00	2.19E-06	0.00E+00	5.84E-08	3.36E-05	0.00E+00	0.00E+00	3.36E-05
3517	ALL	655124.3	4187152	NonCancer	0.00E+00	8.88E-07	0.00E+00	5.89E-08	5.89E-08	5.89E-08	1.28E-05	0.00E+00	2.21E-06	0.00E+00	5.89E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3518	ALL	655132.4	4187175	NonCancer	0.00E+00	8.94E-07	0.00E+00	5.93E-08	5.93E-08	5.93E-08	1.29E-05	0.00E+00	2.22E-06	0.00E+00	5.93E-08	3.42E-05	0.00E+00	0.00E+00	3.42E-05
3519	ALL	655140.5	4187199	NonCancer	0.00E+00	9.00E-07	0.00E+00	5.97E-08	5.97E-08	5.97E-08	1.30E-05	0.00E+00	2.24E-06	0.00E+00	5.97E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3520	ALL	655148.5	4187222	NonCancer	0.00E+00	9.05E-07	0.00E+00	6.00E-08	6.00E-08	6.00E-08	1.30E-05	0.00E+00	2.25E-06	0.00E+00	6.00E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3521	ALL	655156.6	4187245	NonCancer	0.00E+00	9.09E-07	0.00E+00	6.03E-08	6.03E-08	6.03E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.03E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
3522	ALL	655164.6	4187269	NonCancer	0.00E+00	9.13E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.31E-05	0.00E+00	2.27E-06	0.00E+00	6.06E-08	3.48E-05	0.00E+00	0.00E+00	3.48E-05
3523	ALL	655172.7	4187292	NonCancer	0.00E+00	9.15E-07	0.00E+00	6.07E-08	6.07E-08	6.07E-08	1.31E-05	0.00E+00	2.28E-06	0.00E+00	6.07E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3524	ALL	655180.7	4187315	NonCancer	0.00E+00	9.16E-07	0.00E+00	6.08E-08	6.08E-08	6.08E-08	1.31E-05	0.00E+00	2.28E-06	0.00E+00	6.08E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3525	ALL	655188.8	4187338	NonCancer	0.00E+00	9.15E-07	0.00E+00	6.07E-08	6.07E-08	6.07E-08	1.31E-05	0.00E+00	2.28E-06	0.00E+00	6.07E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3526	ALL	655196.8	4187362	NonCancer	0.00E+00	9.13E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.31E-05	0.00E+00	2.27E-06	0.00E+00	6.06E-08	3.49E-05	0.00E+00	0.00E+00	3.49E-05
3527	ALL	655204.9	4187385	NonCancer	0.00E+00	9.10E-07	0.00E+00	6.04E-08	6.04E-08	6.04E-08	1.31E-05	0.00E+00	2.26E-06	0.00E+00	6.04E-08	3.48E-05	0.00E+00	0.00E+00	3.48E-05
3528	ALL	655213	4187408	NonCancer	0.00E+00	9.06E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.31E-05	0.00E+00	2.25E-06	0.00E+00	6.01E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
3529	ALL	655221	4187432	NonCancer	0.00E+00	9.02E-07	0.00E+00	5.98E-08	5.98E-08	5.98E-08	1.31E-05	0.00E+00	2.24E-06	0.00E+00	5.98E-08	3.45E-05	0.00E+00	0.00E+00	3.45E-05
3530	ALL	655229.1	4187455	NonCancer	0.00E+00	8.98E-07	0.00E+00	5.95E-08	5.95E-08	5.95E-08	1.30E-05	0.00E+00	2.23E-06	0.00E+00	5.95E-08	3.44E-05	0.00E+00	0.00E+00	3.44E-05
3531	ALL	655237.1	4187478	NonCancer	0.00E+00	8.94E-07	0.00E+00	5.93E-08	5.93E-08	5.93E-08	1.30E-05	0.00E+00	2.22E-06	0.00E+00	5.93E-08	3.42E-05	0.00E+00	0.00E+00	3.42E-05
3532	ALL	655245.2	4187502	NonCancer	0.00E+00	8.90E-07	0.00E+00	5.91E-08	5.91E-08	5.91E-08	1.29E-05	0.00E+00	2.22E-06	0.00E+00	5.91E-08	3.41E-05	0.00E+00	0.00E+00	3.41E-05
3533	ALL	655253.2	4187525	NonCancer	0.00E+00	8.87E-07	0.00E+00	5.89E-08	5.89E-08	5.89E-08	1.29E-05	0.00E+00	2.21E-06	0.00E+00	5.89E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
3534	ALL	655261.3	4187548	NonCancer	0.00E+00	8.84E-07	0.00E+00	5.87E-08	5.87E-08	5.87E-08	1.29E-05	0.00E+00	2.20E-06	0.00E+00	5.87E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
3535	ALL	655269.4	4187571	NonCancer	0.00E+00	8.82E-07	0.00E+00	5.85E-08	5.85E-08	5.85E-08	1.28E-05	0.00E+00	2.20E-06	0.00E+00	5.85E-08	3.38E-05	0.00E+00	0.00E+00	3.38E-05
3536	ALL	655277.4	4187595	NonCancer	0.00E+00	8.80E-07	0.00E+00	5.84E-08	5.84E-08	5.84E-08	1.28E-05	0.00E+00	2.19E-06	0.00E+00	5.84E-08	3.37E-05	0.00E+00	0.00E+00	3.37E-05
3537	ALL	655285.5	4187618	NonCancer	0.00E+00	8.78E-07	0.00E+00	5.83E-08	5.83E-08	5.83E-08	1.27E-05	0.00E+00	2.19E-06	0.00E+00	5.83E-08	3.36E-05	0.00E+00	0.00E+00	3.36E-05
3538	ALL	655293.5	4187641	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.27E-05	0.00E+00	2.18E-06	0.00E+00	5.81E-08	3.35E-05	0.00E+00	0.00E+00	3.35E-05
3539	ALL	655301.6	4187665	NonCancer	0.00E+00	8.74E-07	0.00E+00	5.80E-08	5.80E-08	5.80E-08	1.26E-05	0.00E+00	2.17E-06	0.00E+00	5.80E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
3540	ALL	655309.6	4187688	NonCancer	0.00E+00	8.70E-07	0.00E+00	5.77E-08	5.77E-08	5.77E-08	1.26E-05	0.00E+00	2.16E-06	0.00E+00	5.77E-08	3.33E-05	0.00E+00	0.00E+00	3.33E-05
3541	ALL	655317.7	4187711	NonCancer	0.00E+00	8.66E-07	0.00E+00	5.74E-08	5.74E-08	5.74E-08	1.25E-05	0.00E+00	2.15E-06	0.00E+00	5.74E-08	3.31E-05	0.00E+00	0.00E+00	3.31E-05
3542	ALL	655325.7	4187734	NonCancer	0.00E+00	8.60E-07	0.00E+00	5.70E-08	5.70E-08	5.70E-08	1.24E-05	0.00E+00	2.14E-06	0.00E+00	5.70E-08	3.28E-05	0.00E+00	0.00E+00	3.28E-05
3543	ALL	655333.8	4187758	NonCancer	0.00E+00	8.52E-07	0.00E+00	5.65E-08	5.65E-08	5.65E-08	1.23E-05	0.00E+00	2.12E-06	0.00E+00	5.65E-08	3.25E-05	0.00E+00	0.00E+00	3.25E-05
3544	ALL	655341.9	4187781	NonCancer	0.00E+00	8.43E-07	0.00E+00	5.59E-08	5.59E-08	5.59E-08	1.22E-05	0.00E+00	2.10E-06	0.00E+00	5.59E-08	3.22E-05	0.00E+00	0.00E+00	3.22E-05
3545	ALL	655349.9	4187804	NonCancer	0.00E+00	8.33E-07	0.00E+00	5.53E-08	5.53E-08	5.53E-08	1.20E-05	0.00E+00	2.07E-06	0.00E+00	5.53E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
3546	ALL	655358	4187828	NonCancer	0.00E+00	8.21E-07	0.00E+00	5.45E-08	5.45E-08	5.45E-08	1.19E-05	0.00E+00	2.04E-06	0.00E+00	5.45E-08	3.14E-05	0.00E+00	0.00E+00	3.14E-05
3547	ALL	655366	4187851	NonCancer	0.00E+00	8.09E-07	0.00E+00	5.37E-08	5.37E-08	5.37E-08	1.17E-05	0.00E+00	2.01E-06	0.00E+00	5.37E-08	3.10E-05	0.00E+00	0.00E+00	3.10E-05
3548	ALL	655374.1	4187874	NonCancer	0.00E+00	7.97E-07	0.00E+00	5.28E-08	5.28E-08	5.28E-08	1.16E-05	0.00E+00	1.98E-06	0.00E+00	5.28E-08	3.05E-05	0.00E+00	0.00E+00	3.05E-05
3549	ALL	655382.1	4187898	NonCancer	0.00E+00	7.84E-07	0.00E+00	5.20E-08	5.20E-08	5.20E-08	1.14E-05	0.00E+00	1.95E-06	0.00E+00	5.20E-08	3.01E-05	0.00E+00	0.00E+00	3.01E-05

3550	ALL	655390.2	4187921	NonCancer	0.00E+00	7.72E-07	0.00E+00	5.12E-08	5.12E-08	5.12E-08	1.13E-05	0.00E+00	1.92E-06	0.00E+00	5.12E-08	2.96E-05	0.00E+00	0.00E+00	2.96E-05
3551	ALL	655398.3	4187944	NonCancer	0.00E+00	7.61E-07	0.00E+00	5.05E-08	5.05E-08	5.05E-08	1.11E-05	0.00E+00	1.89E-06	0.00E+00	5.05E-08	2.92E-05	0.00E+00	0.00E+00	2.92E-05
3552	ALL	655406.3	4187967	NonCancer	0.00E+00	7.51E-07	0.00E+00	4.98E-08	4.98E-08	4.98E-08	1.10E-05	0.00E+00	1.87E-06	0.00E+00	4.98E-08	2.88E-05	0.00E+00	0.00E+00	2.88E-05
3553	ALL	653861.1	4186278	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	7.11E-06	0.00E+00	1.18E-06	0.00E+00	3.13E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3554	ALL	653836.3	4186278	NonCancer	0.00E+00	4.67E-07	0.00E+00	3.09E-08	3.09E-08	3.09E-08	7.04E-06	0.00E+00	1.16E-06	0.00E+00	3.09E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3555	ALL	653811.5	4186277	NonCancer	0.00E+00	4.61E-07	0.00E+00	3.06E-08	3.06E-08	3.06E-08	6.97E-06	0.00E+00	1.15E-06	0.00E+00	3.06E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3556	ALL	653786.8	4186276	NonCancer	0.00E+00	4.57E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.91E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
3557	ALL	653762	4186276	NonCancer	0.00E+00	4.53E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.87E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3558	ALL	653737.2	4186275	NonCancer	0.00E+00	4.51E-07	0.00E+00	2.99E-08	2.99E-08	2.99E-08	6.84E-06	0.00E+00	1.12E-06	0.00E+00	2.99E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3559	ALL	653890.2	4186039	NonCancer	0.00E+00	3.80E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.73E-06	0.00E+00	9.48E-07	0.00E+00	2.52E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3560	ALL	653912.6	4186049	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.83E-06	0.00E+00	9.66E-07	0.00E+00	2.57E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
3561	ALL	653934.9	4186059	NonCancer	0.00E+00	3.95E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.94E-06	0.00E+00	9.85E-07	0.00E+00	2.62E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3562	ALL	653957.3	4186069	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.05E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
3563	ALL	653979.7	4186080	NonCancer	0.00E+00	4.12E-07	0.00E+00	2.73E-08	2.73E-08	2.73E-08	6.16E-06	0.00E+00	1.03E-06	0.00E+00	2.73E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
3564	ALL	654002.1	4186090	NonCancer	0.00E+00	4.21E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.27E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
3565	ALL	654024.5	4186100	NonCancer	0.00E+00	4.30E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.38E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
3566	ALL	654046.9	4186111	NonCancer	0.00E+00	4.38E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.48E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3567	ALL	654069.3	4186121	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.58E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3568	ALL	654091.7	4186131	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.67E-06	0.00E+00	1.12E-06	0.00E+00	3.00E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
3569	ALL	654114	4186141	NonCancer	0.00E+00	4.57E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.75E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3570	ALL	654136.4	4186152	NonCancer	0.00E+00	4.62E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.83E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3571	ALL	654158.8	4186162	NonCancer	0.00E+00	4.67E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	6.91E-06	0.00E+00	1.16E-06	0.00E+00	3.10E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
3572	ALL	654181.2	4186172	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	6.99E-06	0.00E+00	1.17E-06	0.00E+00	3.13E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3573	ALL	654203.6	4186182	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	7.07E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3574	ALL	654226	4186193	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.16E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3575	ALL	654248.4	4186203	NonCancer	0.00E+00	4.88E-07	0.00E+00	3.24E-08	3.24E-08	3.24E-08	7.24E-06	0.00E+00	1.22E-06	0.00E+00	3.24E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3576	ALL	654270.8	4186213	NonCancer	0.00E+00	4.94E-07	0.00E+00	3.28E-08	3.28E-08	3.28E-08	7.33E-06	0.00E+00	1.23E-06	0.00E+00	3.28E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3577	ALL	654293.2	4186224	NonCancer	0.00E+00	5.01E-07	0.00E+00	3.32E-08	3.32E-08	3.32E-08	7.42E-06	0.00E+00	1.25E-06	0.00E+00	3.32E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
3578	ALL	654315.5	4186234	NonCancer	0.00E+00	5.07E-07	0.00E+00	3.36E-08	3.36E-08	3.36E-08	7.51E-06	0.00E+00	1.26E-06	0.00E+00	3.36E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
3579	ALL	654337.9	4186244	NonCancer	0.00E+00	5.14E-07	0.00E+00	3.41E-08	3.41E-08	3.41E-08	7.60E-06	0.00E+00	1.28E-06	0.00E+00	3.41E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
3580	ALL	654360.3	4186254	NonCancer	0.00E+00	5.21E-07	0.00E+00	3.45E-08	3.45E-08	3.45E-08	7.69E-06	0.00E+00	1.30E-06	0.00E+00	3.45E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
3581	ALL	654382.7	4186265	NonCancer	0.00E+00	5.28E-07	0.00E+00	3.50E-08	3.50E-08	3.50E-08	7.78E-06	0.00E+00	1.31E-06	0.00E+00	3.50E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
3582	ALL	654405.1	4186275	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	7.86E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.05E-05	0.00E+00	0.00E+00	2.05E-05
3583	ALL	654427.5	4186285	NonCancer	0.00E+00	5.42E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	7.93E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3584	ALL	654449.9	4186296	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	7.99E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3585	ALL	654472.3	4186306	NonCancer	0.00E+00	5.53E-07	0.00E+00	3.67E-08	3.67E-08	3.67E-08	8.04E-06	0.00E+00	1.38E-06	0.00E+00	3.67E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3586	ALL	654494.6	4186316	NonCancer	0.00E+00	5.56E-07	0.00E+00	3.69E-08	3.69E-08	3.69E-08	8.07E-06	0.00E+00	1.38E-06	0.00E+00	3.69E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3587	ALL	654517	4186326	NonCancer	0.00E+00	5.58E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.09E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3588	ALL	654539.4	4186337	NonCancer	0.00E+00	5.58E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.10E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3589	ALL	654561.8	4186347	NonCancer	0.00E+00	5.57E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.09E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3590	ALL	654584.2	4186357	NonCancer	0.00E+00	5.55E-07	0.00E+00	3.68E-08	3.68E-08	3.68E-08	8.07E-06	0.00E+00	1.38E-06	0.00E+00	3.68E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
3591	ALL	654606.6	4186367	NonCancer	0.00E+00	5.52E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.04E-06	0.00E+00	1.37E-06	0.00E+00	3.66E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3592	ALL	654629	4186378	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.64E-08	3.64E-08	3.64E-08	8.01E-06	0.00E+00	1.36E-06	0.00E+00	3.64E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3593	ALL	654651.4	4186388	NonCancer	0.00E+00	5.45E-07	0.00E+00	3.61E-08	3.61E-08	3.61E-08	7.98E-06	0.00E+00	1.36E-06	0.00E+00	3.61E-08	2.09E-05	0.00E+00	0.00E+00	2.09E-05
3594	ALL	654673.8	4186398	NonCancer	0.00E+00	5.41E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	7.96E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
3595	ALL	654696.1	4186409	NonCancer	0.00E+00	5.37E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	7.94E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
3596	ALL	654718.5	4186419	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	7.92E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3597	ALL	654740.9	4186429	NonCancer	0.00E+00	5.33E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	7.92E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3598	ALL	654763.3	4186439	NonCancer	0.00E+00	5.33E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	7.93E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
3599	ALL	654785.7	4186450	NonCancer	0.00E+00	5.35E-07	0.00E+00	3.55E-08	3.55E-08	3.55E-08	7.95E-06	0.00E+00	1.33E-06	0.00E+00	3.55E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05

3600	ALL	654808.1	4186460	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	7.99E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
3601	ALL	654830.5	4186470	NonCancer	0.00E+00	5.42E-07	0.00E+00	3.59E-08	3.59E-08	3.59E-08	8.03E-06	0.00E+00	1.35E-06	0.00E+00	3.59E-08	2.09E-05	0.00E+00	0.00E+00	2.09E-05
3602	ALL	654852.9	4186481	NonCancer	0.00E+00	5.46E-07	0.00E+00	3.62E-08	3.62E-08	3.62E-08	8.08E-06	0.00E+00	1.36E-06	0.00E+00	3.62E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
3603	ALL	654875.2	4186491	NonCancer	0.00E+00	5.52E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.13E-06	0.00E+00	1.37E-06	0.00E+00	3.66E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
3604	ALL	654897.6	4186501	NonCancer	0.00E+00	5.57E-07	0.00E+00	3.69E-08	3.69E-08	3.69E-08	8.19E-06	0.00E+00	1.39E-06	0.00E+00	3.69E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
3605	ALL	654920	4186511	NonCancer	0.00E+00	5.62E-07	0.00E+00	3.73E-08	3.73E-08	3.73E-08	8.24E-06	0.00E+00	1.40E-06	0.00E+00	3.73E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
3606	ALL	654942.4	4186522	NonCancer	0.00E+00	5.66E-07	0.00E+00	3.76E-08	3.76E-08	3.76E-08	8.29E-06	0.00E+00	1.41E-06	0.00E+00	3.76E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
3607	ALL	654964.8	4186532	NonCancer	0.00E+00	5.71E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.34E-06	0.00E+00	1.42E-06	0.00E+00	3.79E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
3608	ALL	654987.2	4186542	NonCancer	0.00E+00	5.75E-07	0.00E+00	3.81E-08	3.81E-08	3.81E-08	8.38E-06	0.00E+00	1.43E-06	0.00E+00	3.81E-08	2.20E-05	0.00E+00	0.00E+00	2.20E-05
3609	ALL	655009.6	4186553	NonCancer	0.00E+00	5.78E-07	0.00E+00	3.84E-08	3.84E-08	3.84E-08	8.42E-06	0.00E+00	1.44E-06	0.00E+00	3.84E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
3610	ALL	655032	4186563	NonCancer	0.00E+00	5.81E-07	0.00E+00	3.86E-08	3.86E-08	3.86E-08	8.45E-06	0.00E+00	1.45E-06	0.00E+00	3.86E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3611	ALL	655054.4	4186573	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	8.47E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3612	ALL	655076.7	4186583	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.48E-06	0.00E+00	1.45E-06	0.00E+00	3.88E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3613	ALL	655099.1	4186594	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.48E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3614	ALL	655121.5	4186604	NonCancer	0.00E+00	5.84E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.48E-06	0.00E+00	1.45E-06	0.00E+00	3.88E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
3615	ALL	655143.9	4186614	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	8.47E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3616	ALL	655166.3	4186624	NonCancer	0.00E+00	5.82E-07	0.00E+00	3.86E-08	3.86E-08	3.86E-08	8.46E-06	0.00E+00	1.45E-06	0.00E+00	3.86E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
3617	ALL	655196.7	4186658	NonCancer	0.00E+00	5.89E-07	0.00E+00	3.91E-08	3.91E-08	3.91E-08	8.56E-06	0.00E+00	1.47E-06	0.00E+00	3.91E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
3618	ALL	655204.8	4186681	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	8.68E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
3619	ALL	655212.8	4186705	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	8.80E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
3620	ALL	655220.9	4186728	NonCancer	0.00E+00	6.15E-07	0.00E+00	4.08E-08	4.08E-08	4.08E-08	8.92E-06	0.00E+00	1.53E-06	0.00E+00	4.08E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
3621	ALL	655228.9	4186751	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.03E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
3622	ALL	655237	4186774	NonCancer	0.00E+00	6.31E-07	0.00E+00	4.18E-08	4.18E-08	4.18E-08	9.15E-06	0.00E+00	1.57E-06	0.00E+00	4.18E-08	2.41E-05	0.00E+00	0.00E+00	2.41E-05
3623	ALL	655245	4186798	NonCancer	0.00E+00	6.38E-07	0.00E+00	4.23E-08	4.23E-08	4.23E-08	9.26E-06	0.00E+00	1.59E-06	0.00E+00	4.23E-08	2.44E-05	0.00E+00	0.00E+00	2.44E-05
3624	ALL	655253.1	4186821	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.28E-08	4.28E-08	4.28E-08	9.37E-06	0.00E+00	1.61E-06	0.00E+00	4.28E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
3625	ALL	655261.1	4186844	NonCancer	0.00E+00	6.52E-07	0.00E+00	4.33E-08	4.33E-08	4.33E-08	9.47E-06	0.00E+00	1.62E-06	0.00E+00	4.33E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
3626	ALL	655269.2	4186868	NonCancer	0.00E+00	6.59E-07	0.00E+00	4.37E-08	4.37E-08	4.37E-08	9.58E-06	0.00E+00	1.64E-06	0.00E+00	4.37E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3627	ALL	655277.3	4186891	NonCancer	0.00E+00	6.66E-07	0.00E+00	4.42E-08	4.42E-08	4.42E-08	9.68E-06	0.00E+00	1.66E-06	0.00E+00	4.42E-08	2.55E-05	0.00E+00	0.00E+00	2.55E-05
3628	ALL	655285.3	4186914	NonCancer	0.00E+00	6.73E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.78E-06	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.58E-05	0.00E+00	0.00E+00	2.58E-05
3629	ALL	655293.4	4186937	NonCancer	0.00E+00	6.80E-07	0.00E+00	4.51E-08	4.51E-08	4.51E-08	9.87E-06	0.00E+00	1.69E-06	0.00E+00	4.51E-08	2.60E-05	0.00E+00	0.00E+00	2.60E-05
3630	ALL	655301.4	4186961	NonCancer	0.00E+00	6.87E-07	0.00E+00	4.55E-08	4.55E-08	4.55E-08	9.96E-06	0.00E+00	1.71E-06	0.00E+00	4.55E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3631	ALL	655309.5	4186984	NonCancer	0.00E+00	6.93E-07	0.00E+00	4.60E-08	4.60E-08	4.60E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.60E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3632	ALL	655317.5	4187007	NonCancer	0.00E+00	6.99E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.01E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3633	ALL	655325.6	4187031	NonCancer	0.00E+00	7.04E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.02E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3634	ALL	655333.6	4187054	NonCancer	0.00E+00	7.09E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.03E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3635	ALL	655341.7	4187077	NonCancer	0.00E+00	7.13E-07	0.00E+00	4.73E-08	4.73E-08	4.73E-08	1.03E-05	0.00E+00	1.77E-06	0.00E+00	4.73E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3636	ALL	655349.7	4187100	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.04E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3637	ALL	655357.8	4187124	NonCancer	0.00E+00	7.20E-07	0.00E+00	4.78E-08	4.78E-08	4.78E-08	1.04E-05	0.00E+00	1.79E-06	0.00E+00	4.78E-08	2.75E-05	0.00E+00	0.00E+00	2.75E-05
3638	ALL	655365.8	4187147	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.80E-08	4.80E-08	4.80E-08	1.04E-05	0.00E+00	1.80E-06	0.00E+00	4.80E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3639	ALL	655373.9	4187170	NonCancer	0.00E+00	7.26E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
3640	ALL	655381.9	4187194	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3641	ALL	655390	4187217	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3642	ALL	655398	4187240	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3643	ALL	655406.1	4187263	NonCancer	0.00E+00	7.27E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.05E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
3644	ALL	655414.1	4187287	NonCancer	0.00E+00	7.24E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.81E-08	2.77E-05	0.00E+00	0.00E+00	2.77E-05
3645	ALL	655422.2	4187310	NonCancer	0.00E+00	7.22E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.05E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
3646	ALL	655430.2	4187333	NonCancer	0.00E+00	7.19E-07	0.00E+00	4.77E-08	4.77E-08	4.77E-08	1.04E-05	0.00E+00	1.79E-06	0.00E+00	4.77E-08	2.75E-05	0.00E+00	0.00E+00	2.75E-05
3647	ALL	655438.3	4187356	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.04E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
3648	ALL	655446.3	4187380	NonCancer	0.00E+00	7.13E-07	0.00E+00	4.73E-08	4.73E-08	4.73E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.73E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
3649	ALL	655454.4	4187403	NonCancer	0.00E+00	7.10E-07	0.00E+00	4.71E-08	4.71E-08	4.71E-08	1.04E-05	0.00E+00	1.77E-06	0.00E+00	4.71E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05

3650	ALL	655462.4	4187426	NonCancer	0.00E+00	7.08E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.03E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3651	ALL	655470.5	4187450	NonCancer	0.00E+00	7.06E-07	0.00E+00	4.68E-08	4.68E-08	4.68E-08	1.03E-05	0.00E+00	1.76E-06	0.00E+00	4.68E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
3652	ALL	655478.5	4187473	NonCancer	0.00E+00	7.03E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.03E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.70E-05	0.00E+00	0.00E+00	2.70E-05
3653	ALL	655486.6	4187496	NonCancer	0.00E+00	7.02E-07	0.00E+00	4.66E-08	4.66E-08	4.66E-08	1.03E-05	0.00E+00	1.75E-06	0.00E+00	4.66E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3654	ALL	655494.6	4187519	NonCancer	0.00E+00	7.00E-07	0.00E+00	4.65E-08	4.65E-08	4.65E-08	1.02E-05	0.00E+00	1.74E-06	0.00E+00	4.65E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
3655	ALL	655502.7	4187543	NonCancer	0.00E+00	6.99E-07	0.00E+00	4.64E-08	4.64E-08	4.64E-08	1.02E-05	0.00E+00	1.74E-06	0.00E+00	4.64E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3656	ALL	655510.8	4187566	NonCancer	0.00E+00	6.98E-07	0.00E+00	4.63E-08	4.63E-08	4.63E-08	1.02E-05	0.00E+00	1.74E-06	0.00E+00	4.63E-08	2.68E-05	0.00E+00	0.00E+00	2.68E-05
3657	ALL	655518.8	4187589	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.62E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
3658	ALL	655526.9	4187613	NonCancer	0.00E+00	6.95E-07	0.00E+00	4.61E-08	4.61E-08	4.61E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.61E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
3659	ALL	655534.9	4187636	NonCancer	0.00E+00	6.94E-07	0.00E+00	4.60E-08	4.60E-08	4.60E-08	1.01E-05	0.00E+00	1.73E-06	0.00E+00	4.60E-08	2.65E-05	0.00E+00	0.00E+00	2.65E-05
3660	ALL	655543	4187659	NonCancer	0.00E+00	6.91E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.00E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
3661	ALL	655551	4187682	NonCancer	0.00E+00	6.88E-07	0.00E+00	4.56E-08	4.56E-08	4.56E-08	9.95E-06	0.00E+00	1.71E-06	0.00E+00	4.56E-08	2.63E-05	0.00E+00	0.00E+00	2.63E-05
3662	ALL	655559.1	4187706	NonCancer	0.00E+00	6.84E-07	0.00E+00	4.54E-08	4.54E-08	4.54E-08	9.88E-06	0.00E+00	1.70E-06	0.00E+00	4.54E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
3663	ALL	655567.1	4187729	NonCancer	0.00E+00	6.79E-07	0.00E+00	4.50E-08	4.50E-08	4.50E-08	9.81E-06	0.00E+00	1.69E-06	0.00E+00	4.50E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
3664	ALL	655575.2	4187752	NonCancer	0.00E+00	6.73E-07	0.00E+00	4.46E-08	4.46E-08	4.46E-08	9.72E-06	0.00E+00	1.67E-06	0.00E+00	4.46E-08	2.57E-05	0.00E+00	0.00E+00	2.57E-05
3665	ALL	655583.2	4187776	NonCancer	0.00E+00	6.65E-07	0.00E+00	4.41E-08	4.41E-08	4.41E-08	9.63E-06	0.00E+00	1.66E-06	0.00E+00	4.41E-08	2.54E-05	0.00E+00	0.00E+00	2.54E-05
3666	ALL	655591.3	4187799	NonCancer	0.00E+00	6.58E-07	0.00E+00	4.36E-08	4.36E-08	4.36E-08	9.53E-06	0.00E+00	1.64E-06	0.00E+00	4.36E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
3667	ALL	655599.3	4187822	NonCancer	0.00E+00	6.49E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	9.43E-06	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.48E-05	0.00E+00	0.00E+00	2.48E-05
3668	ALL	655607.4	4187845	NonCancer	0.00E+00	6.40E-07	0.00E+00	4.25E-08	4.25E-08	4.25E-08	9.32E-06	0.00E+00	1.59E-06	0.00E+00	4.25E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
3669	ALL	655615.4	4187869	NonCancer	0.00E+00	6.31E-07	0.00E+00	4.19E-08	4.19E-08	4.19E-08	9.21E-06	0.00E+00	1.57E-06	0.00E+00	4.19E-08	2.42E-05	0.00E+00	0.00E+00	2.42E-05
3670	ALL	655623.5	4187892	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.10E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
3671	ALL	655631.5	4187915	NonCancer	0.00E+00	6.14E-07	0.00E+00	4.07E-08	4.07E-08	4.07E-08	8.99E-06	0.00E+00	1.53E-06	0.00E+00	4.07E-08	2.36E-05	0.00E+00	0.00E+00	2.36E-05
3672	ALL	655639.6	4187939	NonCancer	0.00E+00	6.06E-07	0.00E+00	4.02E-08	4.02E-08	4.02E-08	8.89E-06	0.00E+00	1.51E-06	0.00E+00	4.02E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
3673	ALL	655647.6	4187962	NonCancer	0.00E+00	5.99E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	8.78E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
3674	ALL	655655.7	4187985	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.68E-06	0.00E+00	1.47E-06	0.00E+00	3.93E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
3675	ALL	653867.8	4186028	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.63E-06	0.00E+00	9.31E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3676	ALL	653843	4186028	NonCancer	0.00E+00	3.70E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.58E-06	0.00E+00	9.21E-07	0.00E+00	2.45E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3677	ALL	653818.2	4186027	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.53E-06	0.00E+00	9.13E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3678	ALL	653793.4	4186026	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.49E-06	0.00E+00	9.05E-07	0.00E+00	2.41E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3679	ALL	653768.7	4186026	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.46E-06	0.00E+00	8.98E-07	0.00E+00	2.39E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3680	ALL	653743.9	4186025	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.44E-06	0.00E+00	8.93E-07	0.00E+00	2.37E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3681	ALL	653903.5	4185539	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.88E-06	0.00E+00	6.41E-07	0.00E+00	1.71E-08	9.97E-06	0.00E+00	0.00E+00	9.97E-06
3682	ALL	653925.9	4185549	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.94E-06	0.00E+00	6.51E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
3683	ALL	653948.2	4185559	NonCancer	0.00E+00	2.65E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.99E-06	0.00E+00	6.61E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
3684	ALL	653970.6	4185570	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.05E-06	0.00E+00	6.71E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3685	ALL	653993	4185580	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.11E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3686	ALL	654015.4	4185590	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.18E-06	0.00E+00	6.94E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3687	ALL	654037.7	4185600	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.24E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3688	ALL	654060.1	4185611	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.30E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3689	ALL	654082.5	4185621	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.36E-06	0.00E+00	7.30E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3690	ALL	654104.8	4185631	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.42E-06	0.00E+00	7.42E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
3691	ALL	654127.2	4185641	NonCancer	0.00E+00	3.02E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.48E-06	0.00E+00	7.53E-07	0.00E+00	2.01E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
3692	ALL	654149.6	4185652	NonCancer	0.00E+00	3.07E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.54E-06	0.00E+00	7.63E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
3693	ALL	654172	4185662	NonCancer	0.00E+00	3.10E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.59E-06	0.00E+00	7.73E-07	0.00E+00	2.06E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
3694	ALL	654194.3	4185672	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.63E-06	0.00E+00	7.80E-07	0.00E+00	2.08E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
3695	ALL	654216.7	4185683	NonCancer	0.00E+00	3.16E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.68E-06	0.00E+00	7.87E-07	0.00E+00	2.10E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
3696	ALL	654239.1	4185693	NonCancer	0.00E+00	3.19E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.72E-06	0.00E+00	7.93E-07	0.00E+00	2.11E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
3697	ALL	654261.5	4185703	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.76E-06	0.00E+00	7.99E-07	0.00E+00	2.13E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
3698	ALL	654283.8	4185713	NonCancer	0.00E+00	3.23E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.80E-06	0.00E+00	8.05E-07	0.00E+00	2.14E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3699	ALL	654306.2	4185724	NonCancer	0.00E+00	3.26E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.85E-06	0.00E+00	8.11E-07	0.00E+00	2.16E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05

3700	ALL	654328.6	4185734	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.89E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
3701	ALL	654350.9	4185744	NonCancer	0.00E+00	3.32E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	4.94E-06	0.00E+00	8.26E-07	0.00E+00	2.20E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
3702	ALL	654373.3	4185754	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	4.98E-06	0.00E+00	8.34E-07	0.00E+00	2.22E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3703	ALL	654395.7	4185765	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.03E-06	0.00E+00	8.43E-07	0.00E+00	2.24E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3704	ALL	654418.1	4185775	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.08E-06	0.00E+00	8.51E-07	0.00E+00	2.27E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3705	ALL	654440.4	4185785	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.13E-06	0.00E+00	8.60E-07	0.00E+00	2.29E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3706	ALL	654462.8	4185796	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.18E-06	0.00E+00	8.69E-07	0.00E+00	2.31E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3707	ALL	654485.2	4185806	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.23E-06	0.00E+00	8.77E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3708	ALL	654507.5	4185816	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.28E-06	0.00E+00	8.86E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3709	ALL	654529.9	4185826	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.33E-06	0.00E+00	8.96E-07	0.00E+00	2.39E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3710	ALL	654552.3	4185837	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.38E-06	0.00E+00	9.06E-07	0.00E+00	2.41E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3711	ALL	654574.7	4185847	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.43E-06	0.00E+00	9.16E-07	0.00E+00	2.44E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3712	ALL	654597	4185857	NonCancer	0.00E+00	3.72E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.47E-06	0.00E+00	9.26E-07	0.00E+00	2.47E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3713	ALL	654619.4	4185867	NonCancer	0.00E+00	3.76E-07	0.00E+00	2.49E-08	2.49E-08	2.49E-08	5.51E-06	0.00E+00	9.35E-07	0.00E+00	2.49E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3714	ALL	654641.8	4185878	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.51E-08	2.51E-08	2.51E-08	5.54E-06	0.00E+00	9.43E-07	0.00E+00	2.51E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3715	ALL	654664.2	4185888	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.57E-06	0.00E+00	9.50E-07	0.00E+00	2.53E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3716	ALL	654686.5	4185898	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.59E-06	0.00E+00	9.54E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3717	ALL	654708.9	4185909	NonCancer	0.00E+00	3.84E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.60E-06	0.00E+00	9.57E-07	0.00E+00	2.55E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3718	ALL	654731.3	4185919	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.60E-06	0.00E+00	9.57E-07	0.00E+00	2.55E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3719	ALL	654753.6	4185929	NonCancer	0.00E+00	3.84E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.60E-06	0.00E+00	9.56E-07	0.00E+00	2.55E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3720	ALL	654776	4185939	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.59E-06	0.00E+00	9.53E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3721	ALL	654798.4	4185950	NonCancer	0.00E+00	3.81E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.57E-06	0.00E+00	9.49E-07	0.00E+00	2.53E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3722	ALL	654820.8	4185960	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.55E-06	0.00E+00	9.45E-07	0.00E+00	2.52E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3723	ALL	654843.1	4185970	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.53E-06	0.00E+00	9.39E-07	0.00E+00	2.50E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3724	ALL	654865.5	4185980	NonCancer	0.00E+00	3.75E-07	0.00E+00	2.49E-08	2.49E-08	2.49E-08	5.51E-06	0.00E+00	9.34E-07	0.00E+00	2.49E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3725	ALL	654887.9	4185991	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.49E-06	0.00E+00	9.29E-07	0.00E+00	2.47E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3726	ALL	654910.2	4186001	NonCancer	0.00E+00	3.71E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.47E-06	0.00E+00	9.23E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3727	ALL	654932.6	4186011	NonCancer	0.00E+00	3.69E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.46E-06	0.00E+00	9.18E-07	0.00E+00	2.45E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3728	ALL	654955	4186021	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.44E-06	0.00E+00	9.14E-07	0.00E+00	2.43E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3729	ALL	654977.4	4186032	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.44E-06	0.00E+00	9.10E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3730	ALL	654999.7	4186042	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.44E-06	0.00E+00	9.08E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3731	ALL	655022.1	4186052	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.44E-06	0.00E+00	9.07E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3732	ALL	655044.5	4186063	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.45E-06	0.00E+00	9.09E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3733	ALL	655066.9	4186073	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.47E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3734	ALL	655089.2	4186083	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.49E-06	0.00E+00	9.17E-07	0.00E+00	2.44E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
3735	ALL	655111.6	4186093	NonCancer	0.00E+00	3.70E-07	0.00E+00	2.46E-08	2.46E-08	2.46E-08	5.51E-06	0.00E+00	9.23E-07	0.00E+00	2.46E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
3736	ALL	655134	4186104	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.54E-06	0.00E+00	9.30E-07	0.00E+00	2.48E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
3737	ALL	655156.3	4186114	NonCancer	0.00E+00	3.76E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.57E-06	0.00E+00	9.37E-07	0.00E+00	2.50E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
3738	ALL	655178.7	4186124	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.61E-06	0.00E+00	9.45E-07	0.00E+00	2.52E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
3739	ALL	655201.1	4186134	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.64E-06	0.00E+00	9.52E-07	0.00E+00	2.54E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
3740	ALL	655223.5	4186145	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.67E-06	0.00E+00	9.58E-07	0.00E+00	2.55E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
3741	ALL	655245.8	4186155	NonCancer	0.00E+00	3.88E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.70E-06	0.00E+00	9.65E-07	0.00E+00	2.57E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
3742	ALL	655268.2	4186165	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.73E-06	0.00E+00	9.71E-07	0.00E+00	2.59E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
3743	ALL	655290.6	4186176	NonCancer	0.00E+00	3.92E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	5.75E-06	0.00E+00	9.76E-07	0.00E+00	2.60E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
3744	ALL	655312.9	4186186	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	5.78E-06	0.00E+00	9.82E-07	0.00E+00	2.62E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
3745	ALL	655335.3	4186196	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.80E-06	0.00E+00	9.87E-07	0.00E+00	2.63E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
3746	ALL	655357.7	4186206	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	5.81E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3747	ALL	655380.1	4186217	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.83E-06	0.00E+00	9.94E-07	0.00E+00	2.65E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3748	ALL	655402.4	4186227	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.84E-06	0.00E+00	9.97E-07	0.00E+00	2.66E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3749	ALL	655424.8	4186237	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.84E-06	0.00E+00	9.98E-07	0.00E+00	2.66E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05

3750	ALL	655447.2	4186247	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.85E-06	0.00E+00	9.97E-07	0.00E+00	2.66E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3751	ALL	655469.5	4186258	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	5.84E-06	0.00E+00	9.96E-07	0.00E+00	2.66E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3752	ALL	655491.9	4186268	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.84E-06	0.00E+00	9.95E-07	0.00E+00	2.65E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3753	ALL	655514.3	4186278	NonCancer	0.00E+00	3.99E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.83E-06	0.00E+00	9.93E-07	0.00E+00	2.65E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3754	ALL	655536.7	4186289	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	5.82E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
3755	ALL	655567.1	4186322	NonCancer	0.00E+00	4.02E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	5.88E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3756	ALL	655575.1	4186345	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	5.94E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
3757	ALL	655583.2	4186369	NonCancer	0.00E+00	4.11E-07	0.00E+00	2.73E-08	2.73E-08	2.73E-08	6.00E-06	0.00E+00	1.02E-06	0.00E+00	2.73E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
3758	ALL	655591.2	4186392	NonCancer	0.00E+00	4.16E-07	0.00E+00	2.76E-08	2.76E-08	2.76E-08	6.07E-06	0.00E+00	1.04E-06	0.00E+00	2.76E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
3759	ALL	655599.3	4186415	NonCancer	0.00E+00	4.21E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.13E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.61E-05	0.00E+00	0.00E+00	1.61E-05
3760	ALL	655607.3	4186438	NonCancer	0.00E+00	4.25E-07	0.00E+00	2.82E-08	2.82E-08	2.82E-08	6.20E-06	0.00E+00	1.06E-06	0.00E+00	2.82E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
3761	ALL	655615.4	4186462	NonCancer	0.00E+00	4.29E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.26E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
3762	ALL	655623.4	4186485	NonCancer	0.00E+00	4.33E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.32E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
3763	ALL	655631.5	4186508	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.38E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
3764	ALL	655639.5	4186531	NonCancer	0.00E+00	4.41E-07	0.00E+00	2.93E-08	2.93E-08	2.93E-08	6.44E-06	0.00E+00	1.10E-06	0.00E+00	2.93E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3765	ALL	655647.5	4186555	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.50E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3766	ALL	655655.6	4186578	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.55E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
3767	ALL	655663.6	4186601	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.61E-06	0.00E+00	1.12E-06	0.00E+00	3.00E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
3768	ALL	655671.7	4186625	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.02E-08	3.02E-08	3.02E-08	6.66E-06	0.00E+00	1.13E-06	0.00E+00	3.02E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3769	ALL	655679.7	4186648	NonCancer	0.00E+00	4.59E-07	0.00E+00	3.05E-08	3.05E-08	3.05E-08	6.72E-06	0.00E+00	1.14E-06	0.00E+00	3.05E-08	1.76E-05	0.00E+00	0.00E+00	1.76E-05
3770	ALL	655687.8	4186671	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.77E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3771	ALL	655695.8	4186694	NonCancer	0.00E+00	4.67E-07	0.00E+00	3.10E-08	3.10E-08	3.10E-08	6.82E-06	0.00E+00	1.16E-06	0.00E+00	3.10E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3772	ALL	655703.9	4186718	NonCancer	0.00E+00	4.71E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	6.87E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3773	ALL	655711.9	4186741	NonCancer	0.00E+00	4.74E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	6.92E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3774	ALL	655720	4186764	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	6.96E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3775	ALL	655728	4186787	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.00E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3776	ALL	655736	4186811	NonCancer	0.00E+00	4.83E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.04E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
3777	ALL	655744.1	4186834	NonCancer	0.00E+00	4.85E-07	0.00E+00	3.22E-08	3.22E-08	3.22E-08	7.07E-06	0.00E+00	1.21E-06	0.00E+00	3.22E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3778	ALL	655752.1	4186857	NonCancer	0.00E+00	4.87E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.10E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3779	ALL	655760.2	4186880	NonCancer	0.00E+00	4.89E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.12E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3780	ALL	655768.2	4186904	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.15E-06	0.00E+00	1.22E-06	0.00E+00	3.26E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3781	ALL	655776.3	4186927	NonCancer	0.00E+00	4.94E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.17E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3782	ALL	655784.3	4186950	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.19E-06	0.00E+00	1.23E-06	0.00E+00	3.29E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3783	ALL	655792.4	4186974	NonCancer	0.00E+00	4.97E-07	0.00E+00	3.30E-08	3.30E-08	3.30E-08	7.20E-06	0.00E+00	1.24E-06	0.00E+00	3.30E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3784	ALL	655800.4	4186997	NonCancer	0.00E+00	4.98E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3785	ALL	655808.5	4187020	NonCancer	0.00E+00	4.99E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3786	ALL	655816.5	4187043	NonCancer	0.00E+00	4.99E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.23E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3787	ALL	655824.6	4187067	NonCancer	0.00E+00	4.98E-07	0.00E+00	3.31E-08	3.31E-08	3.31E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.31E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
3788	ALL	655832.6	4187090	NonCancer	0.00E+00	4.97E-07	0.00E+00	3.30E-08	3.30E-08	3.30E-08	7.22E-06	0.00E+00	1.24E-06	0.00E+00	3.30E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3789	ALL	655840.6	4187113	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.21E-06	0.00E+00	1.23E-06	0.00E+00	3.29E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
3790	ALL	655848.7	4187136	NonCancer	0.00E+00	4.94E-07	0.00E+00	3.28E-08	3.28E-08	3.28E-08	7.20E-06	0.00E+00	1.23E-06	0.00E+00	3.28E-08	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3791	ALL	655856.7	4187160	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.18E-06	0.00E+00	1.22E-06	0.00E+00	3.26E-08	1.89E-05	0.00E+00	0.00E+00	1.89E-05
3792	ALL	655864.8	4187183	NonCancer	0.00E+00	4.90E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.17E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3793	ALL	655872.8	4187206	NonCancer	0.00E+00	4.88E-07	0.00E+00	3.24E-08	3.24E-08	3.24E-08	7.15E-06	0.00E+00	1.22E-06	0.00E+00	3.24E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
3794	ALL	655880.9	4187229	NonCancer	0.00E+00	4.87E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.14E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
3795	ALL	655888.9	4187253	NonCancer	0.00E+00	4.85E-07	0.00E+00	3.22E-08	3.22E-08	3.22E-08	7.12E-06	0.00E+00	1.21E-06	0.00E+00	3.22E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3796	ALL	655897	4187276	NonCancer	0.00E+00	4.84E-07	0.00E+00	3.21E-08	3.21E-08	3.21E-08	7.11E-06	0.00E+00	1.21E-06	0.00E+00	3.21E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3797	ALL	655905	4187299	NonCancer	0.00E+00	4.83E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.09E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
3798	ALL	655913.1	4187323	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.08E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
3799	ALL	655921.1	4187346	NonCancer	0.00E+00	4.81E-07	0.00E+00	3.19E-08	3.19E-08	3.19E-08	7.06E-06	0.00E+00	1.20E-06	0.00E+00	3.19E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05

3800	ALL	655929.2	4187369	NonCancer	0.00E+00	4.80E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.05E-06	0.00E+00	1.19E-06	0.00E+00	3.18E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3801	ALL	655937.2	4187392	NonCancer	0.00E+00	4.79E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.03E-06	0.00E+00	1.19E-06	0.00E+00	3.18E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3802	ALL	655945.2	4187416	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.02E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
3803	ALL	655953.3	4187439	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.01E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3804	ALL	655961.3	4187462	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	6.99E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3805	ALL	655969.4	4187485	NonCancer	0.00E+00	4.77E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	6.98E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3806	ALL	655977.4	4187509	NonCancer	0.00E+00	4.76E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	6.96E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.83E-05	0.00E+00	0.00E+00	1.83E-05
3807	ALL	655985.5	4187532	NonCancer	0.00E+00	4.76E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	6.94E-06	0.00E+00	1.18E-06	0.00E+00	3.16E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3808	ALL	655993.5	4187555	NonCancer	0.00E+00	4.75E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	6.92E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
3809	ALL	656001.6	4187578	NonCancer	0.00E+00	4.74E-07	0.00E+00	3.14E-08	3.14E-08	3.14E-08	6.90E-06	0.00E+00	1.18E-06	0.00E+00	3.14E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3810	ALL	656009.6	4187602	NonCancer	0.00E+00	4.72E-07	0.00E+00	3.13E-08	3.13E-08	3.13E-08	6.87E-06	0.00E+00	1.18E-06	0.00E+00	3.13E-08	1.81E-05	0.00E+00	0.00E+00	1.81E-05
3811	ALL	656017.7	4187625	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	6.84E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
3812	ALL	656025.7	4187648	NonCancer	0.00E+00	4.68E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	6.80E-06	0.00E+00	1.16E-06	0.00E+00	3.11E-08	1.79E-05	0.00E+00	0.00E+00	1.79E-05
3813	ALL	656033.8	4187671	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.09E-08	3.09E-08	3.09E-08	6.76E-06	0.00E+00	1.16E-06	0.00E+00	3.09E-08	1.78E-05	0.00E+00	0.00E+00	1.78E-05
3814	ALL	656041.8	4187695	NonCancer	0.00E+00	4.62E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	6.71E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
3815	ALL	656049.8	4187718	NonCancer	0.00E+00	4.58E-07	0.00E+00	3.04E-08	3.04E-08	3.04E-08	6.66E-06	0.00E+00	1.14E-06	0.00E+00	3.04E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
3816	ALL	656057.9	4187741	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.61E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
3817	ALL	656065.9	4187765	NonCancer	0.00E+00	4.50E-07	0.00E+00	2.98E-08	2.98E-08	2.98E-08	6.55E-06	0.00E+00	1.12E-06	0.00E+00	2.98E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
3818	ALL	656074	4187788	NonCancer	0.00E+00	4.45E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.49E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
3819	ALL	656082	4187811	NonCancer	0.00E+00	4.40E-07	0.00E+00	2.92E-08	2.92E-08	2.92E-08	6.43E-06	0.00E+00	1.09E-06	0.00E+00	2.92E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
3820	ALL	656090.1	4187834	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.37E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
3821	ALL	656098.1	4187858	NonCancer	0.00E+00	4.30E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.31E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
3822	ALL	656106.2	4187881	NonCancer	0.00E+00	4.25E-07	0.00E+00	2.82E-08	2.82E-08	2.82E-08	6.24E-06	0.00E+00	1.06E-06	0.00E+00	2.82E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
3823	ALL	656114.2	4187904	NonCancer	0.00E+00	4.20E-07	0.00E+00	2.79E-08	2.79E-08	2.79E-08	6.18E-06	0.00E+00	1.05E-06	0.00E+00	2.79E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
3824	ALL	656122.3	4187927	NonCancer	0.00E+00	4.16E-07	0.00E+00	2.76E-08	2.76E-08	2.76E-08	6.12E-06	0.00E+00	1.03E-06	0.00E+00	2.76E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
3825	ALL	656130.3	4187951	NonCancer	0.00E+00	4.11E-07	0.00E+00	2.73E-08	2.73E-08	2.73E-08	6.07E-06	0.00E+00	1.02E-06	0.00E+00	2.73E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
3826	ALL	656138.3	4187974	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.01E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
3827	ALL	656146.4	4187997	NonCancer	0.00E+00	4.04E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	5.96E-06	0.00E+00	1.00E-06	0.00E+00	2.68E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
3828	ALL	656154.4	4188020	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	5.90E-06	0.00E+00	9.96E-07	0.00E+00	2.65E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
3829	ALL	653881.1	4185528	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.83E-06	0.00E+00	6.32E-07	0.00E+00	1.68E-08	9.83E-06	0.00E+00	0.00E+00	9.83E-06
3830	ALL	653856.4	4185528	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.80E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.75E-06	0.00E+00	0.00E+00	9.75E-06
3831	ALL	653831.6	4185527	NonCancer	0.00E+00	2.50E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.77E-06	0.00E+00	6.22E-07	0.00E+00	1.66E-08	9.68E-06	0.00E+00	0.00E+00	9.68E-06
3832	ALL	653806.8	4185526	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.75E-06	0.00E+00	6.18E-07	0.00E+00	1.64E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
3833	ALL	653782	4185526	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.73E-06	0.00E+00	6.13E-07	0.00E+00	1.63E-08	9.55E-06	0.00E+00	0.00E+00	9.55E-06
3834	ALL	653757.2	4185525	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.72E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.50E-06	0.00E+00	0.00E+00	9.50E-06
3835	ALL	653916.8	4185039	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.84E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.29E-06	0.00E+00	0.00E+00	7.29E-06
3836	ALL	653939.2	4185049	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.75E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
3837	ALL	653961.6	4185059	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.91E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
3838	ALL	653983.9	4185070	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
3839	ALL	654006.3	4185080	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.98E-06	0.00E+00	4.93E-07	0.00E+00	1.31E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
3840	ALL	654028.7	4185090	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.02E-06	0.00E+00	4.99E-07	0.00E+00	1.33E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
3841	ALL	654051	4185100	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.05E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.86E-06	0.00E+00	0.00E+00	7.86E-06
3842	ALL	654073.4	4185111	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.09E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.97E-06	0.00E+00	0.00E+00	7.97E-06
3843	ALL	654095.7	4185121	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.13E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.08E-06	0.00E+00	0.00E+00	8.08E-06
3844	ALL	654118.1	4185131	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.17E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
3845	ALL	654140.5	4185142	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.21E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
3846	ALL	654162.8	4185152	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.25E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
3847	ALL	654185.2	4185162	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.29E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
3848	ALL	654207.5	4185172	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.32E-06	0.00E+00	5.58E-07	0.00E+00	1.49E-08	8.63E-06	0.00E+00	0.00E+00	8.63E-06
3849	ALL	654229.9	4185183	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.36E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06

3850	ALL	654252.3	4185193	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.39E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
3851	ALL	654274.6	4185203	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
3852	ALL	654297	4185213	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.45E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	8.96E-06	0.00E+00	0.00E+00	8.96E-06
3853	ALL	654319.4	4185224	NonCancer	0.00E+00	2.34E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.47E-06	0.00E+00	5.83E-07	0.00E+00	1.55E-08	9.02E-06	0.00E+00	0.00E+00	9.02E-06
3854	ALL	654341.7	4185234	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.50E-06	0.00E+00	5.87E-07	0.00E+00	1.56E-08	9.08E-06	0.00E+00	0.00E+00	9.08E-06
3855	ALL	654364.1	4185244	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.52E-06	0.00E+00	5.90E-07	0.00E+00	1.57E-08	9.13E-06	0.00E+00	0.00E+00	9.13E-06
3856	ALL	654386.4	4185255	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.55E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.19E-06	0.00E+00	0.00E+00	9.19E-06
3857	ALL	654408.8	4185265	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.57E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.24E-06	0.00E+00	0.00E+00	9.24E-06
3858	ALL	654431.2	4185275	NonCancer	0.00E+00	2.41E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.60E-06	0.00E+00	6.01E-07	0.00E+00	1.60E-08	9.31E-06	0.00E+00	0.00E+00	9.31E-06
3859	ALL	654453.5	4185285	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.62E-06	0.00E+00	6.05E-07	0.00E+00	1.61E-08	9.38E-06	0.00E+00	0.00E+00	9.38E-06
3860	ALL	654475.9	4185296	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.65E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.45E-06	0.00E+00	0.00E+00	9.45E-06
3861	ALL	654498.2	4185306	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.68E-06	0.00E+00	6.15E-07	0.00E+00	1.64E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
3862	ALL	654520.6	4185316	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.71E-06	0.00E+00	6.20E-07	0.00E+00	1.65E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
3863	ALL	654543	4185326	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.74E-06	0.00E+00	6.26E-07	0.00E+00	1.67E-08	9.69E-06	0.00E+00	0.00E+00	9.69E-06
3864	ALL	654565.3	4185337	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.77E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.77E-06	0.00E+00	0.00E+00	9.77E-06
3865	ALL	654587.7	4185347	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.80E-06	0.00E+00	6.36E-07	0.00E+00	1.69E-08	9.85E-06	0.00E+00	0.00E+00	9.85E-06
3866	ALL	654610.1	4185357	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.83E-06	0.00E+00	6.42E-07	0.00E+00	1.71E-08	9.93E-06	0.00E+00	0.00E+00	9.93E-06
3867	ALL	654632.4	4185367	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.87E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
3868	ALL	654654.8	4185378	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.90E-06	0.00E+00	6.52E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
3869	ALL	654677.1	4185388	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.93E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
3870	ALL	654699.5	4185398	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.96E-06	0.00E+00	6.64E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
3871	ALL	654721.9	4185409	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.99E-06	0.00E+00	6.70E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3872	ALL	654744.2	4185419	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3873	ALL	654766.6	4185429	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3874	ALL	654788.9	4185439	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.08E-06	0.00E+00	6.90E-07	0.00E+00	1.84E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3875	ALL	654811.3	4185450	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.10E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3876	ALL	654833.7	4185460	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.12E-06	0.00E+00	7.00E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3877	ALL	654856	4185470	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.13E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3878	ALL	654878.4	4185480	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.15E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3879	ALL	654900.8	4185491	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3880	ALL	654923.1	4185501	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3881	ALL	654945.5	4185511	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.07E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3882	ALL	654967.8	4185521	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.15E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3883	ALL	654990.2	4185532	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3884	ALL	655012.6	4185542	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.13E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3885	ALL	655034.9	4185552	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.12E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3886	ALL	655057.3	4185563	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.10E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3887	ALL	655079.6	4185573	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.09E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3888	ALL	655102	4185583	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.07E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3889	ALL	655124.4	4185593	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.06E-06	0.00E+00	6.85E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3890	ALL	655146.7	4185604	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.05E-06	0.00E+00	6.81E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3891	ALL	655169.1	4185614	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.03E-06	0.00E+00	6.78E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3892	ALL	655191.5	4185624	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3893	ALL	655213.8	4185634	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.02E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3894	ALL	655236.2	4185645	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.01E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3895	ALL	655258.5	4185655	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.01E-06	0.00E+00	6.68E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3896	ALL	655280.9	4185665	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.01E-06	0.00E+00	6.67E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3897	ALL	655303.3	4185675	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.02E-06	0.00E+00	6.68E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3898	ALL	655325.6	4185686	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.03E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
3899	ALL	655348	4185696	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.04E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05

3900	ALL	655370.4	4185706	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.05E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3901	ALL	655392.7	4185717	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.07E-06	0.00E+00	6.80E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
3902	ALL	655415.1	4185727	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.09E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
3903	ALL	655437.4	4185737	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.11E-06	0.00E+00	6.89E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3904	ALL	655459.8	4185747	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.13E-06	0.00E+00	6.94E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
3905	ALL	655482.2	4185758	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.15E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
3906	ALL	655504.5	4185768	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.17E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3907	ALL	655526.9	4185778	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.19E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
3908	ALL	655549.2	4185788	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.21E-06	0.00E+00	7.11E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
3909	ALL	655571.6	4185799	NonCancer	0.00E+00	2.87E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.23E-06	0.00E+00	7.14E-07	0.00E+00	1.90E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
3910	ALL	655594	4185809	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.24E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3911	ALL	655616.3	4185819	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.26E-06	0.00E+00	7.21E-07	0.00E+00	1.92E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
3912	ALL	655638.7	4185829	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.28E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
3913	ALL	655661.1	4185840	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.29E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
3914	ALL	655683.4	4185850	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.30E-06	0.00E+00	7.31E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3915	ALL	655705.8	4185860	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.31E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3916	ALL	655728.1	4185871	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3917	ALL	655750.5	4185881	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3918	ALL	655772.9	4185891	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3919	ALL	655795.2	4185901	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3920	ALL	655817.6	4185912	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.32E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3921	ALL	655839.9	4185922	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.32E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3922	ALL	655862.3	4185932	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.31E-06	0.00E+00	7.32E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3923	ALL	655884.7	4185942	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.31E-06	0.00E+00	7.31E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3924	ALL	655907	4185953	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.30E-06	0.00E+00	7.29E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3925	ALL	655937.4	4185986	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.33E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
3926	ALL	655945.5	4186009	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.37E-06	0.00E+00	7.42E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
3927	ALL	655953.5	4186033	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.41E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
3928	ALL	655961.6	4186056	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.02E-08	2.02E-08	2.02E-08	4.45E-06	0.00E+00	7.57E-07	0.00E+00	2.02E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
3929	ALL	655969.6	4186079	NonCancer	0.00E+00	3.07E-07	0.00E+00	2.04E-08	2.04E-08	2.04E-08	4.49E-06	0.00E+00	7.64E-07	0.00E+00	2.04E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
3930	ALL	655977.6	4186102	NonCancer	0.00E+00	3.10E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.53E-06	0.00E+00	7.71E-07	0.00E+00	2.06E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
3931	ALL	655985.7	4186126	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.57E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
3932	ALL	655993.7	4186149	NonCancer	0.00E+00	3.15E-07	0.00E+00	2.09E-08	2.09E-08	2.09E-08	4.61E-06	0.00E+00	7.84E-07	0.00E+00	2.09E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
3933	ALL	656001.8	4186172	NonCancer	0.00E+00	3.18E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.65E-06	0.00E+00	7.91E-07	0.00E+00	2.11E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
3934	ALL	656009.8	4186195	NonCancer	0.00E+00	3.20E-07	0.00E+00	2.12E-08	2.12E-08	2.12E-08	4.68E-06	0.00E+00	7.96E-07	0.00E+00	2.12E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
3935	ALL	656017.9	4186219	NonCancer	0.00E+00	3.22E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.72E-06	0.00E+00	8.02E-07	0.00E+00	2.14E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
3936	ALL	656025.9	4186242	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.75E-06	0.00E+00	8.08E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3937	ALL	656033.9	4186265	NonCancer	0.00E+00	3.27E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.79E-06	0.00E+00	8.13E-07	0.00E+00	2.17E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
3938	ALL	656042	4186288	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.82E-06	0.00E+00	8.18E-07	0.00E+00	2.18E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
3939	ALL	656050	4186312	NonCancer	0.00E+00	3.31E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	4.86E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
3940	ALL	656058.1	4186335	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	4.89E-06	0.00E+00	8.29E-07	0.00E+00	2.21E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
3941	ALL	656066.1	4186358	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	4.93E-06	0.00E+00	8.34E-07	0.00E+00	2.22E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3942	ALL	656074.2	4186382	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	4.96E-06	0.00E+00	8.40E-07	0.00E+00	2.24E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3943	ALL	656082.2	4186405	NonCancer	0.00E+00	3.40E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	4.99E-06	0.00E+00	8.46E-07	0.00E+00	2.26E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3944	ALL	656090.2	4186428	NonCancer	0.00E+00	3.42E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.03E-06	0.00E+00	8.53E-07	0.00E+00	2.27E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3945	ALL	656098.3	4186451	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.06E-06	0.00E+00	8.59E-07	0.00E+00	2.29E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3946	ALL	656106.3	4186475	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.09E-06	0.00E+00	8.65E-07	0.00E+00	2.30E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3947	ALL	656114.4	4186498	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.12E-06	0.00E+00	8.70E-07	0.00E+00	2.32E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3948	ALL	656122.4	4186521	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.14E-06	0.00E+00	8.75E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3949	ALL	656130.4	4186544	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.17E-06	0.00E+00	8.79E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05

3950	ALL	656138.5	4186568	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.19E-06	0.00E+00	8.83E-07	0.00E+00	2.35E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3951	ALL	656146.5	4186591	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.21E-06	0.00E+00	8.86E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3952	ALL	656154.6	4186614	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.23E-06	0.00E+00	8.89E-07	0.00E+00	2.37E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3953	ALL	656162.6	4186637	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.25E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3954	ALL	656170.7	4186661	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.26E-06	0.00E+00	8.96E-07	0.00E+00	2.39E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3955	ALL	656178.7	4186684	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.40E-08	2.40E-08	2.40E-08	5.28E-06	0.00E+00	8.99E-07	0.00E+00	2.40E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3956	ALL	656186.7	4186707	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.29E-06	0.00E+00	9.03E-07	0.00E+00	2.41E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3957	ALL	656194.8	4186730	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.31E-06	0.00E+00	9.06E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3958	ALL	656202.8	4186754	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.32E-06	0.00E+00	9.09E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3959	ALL	656210.9	4186777	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.33E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3960	ALL	656218.9	4186800	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.14E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3961	ALL	656227	4186823	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.15E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3962	ALL	656235	4186847	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.15E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3963	ALL	656243	4186870	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.34E-06	0.00E+00	9.15E-07	0.00E+00	2.44E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3964	ALL	656251.1	4186893	NonCancer	0.00E+00	3.67E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.34E-06	0.00E+00	9.13E-07	0.00E+00	2.43E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
3965	ALL	656259.1	4186916	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.33E-06	0.00E+00	9.11E-07	0.00E+00	2.43E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3966	ALL	656267.2	4186940	NonCancer	0.00E+00	3.65E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.33E-06	0.00E+00	9.08E-07	0.00E+00	2.42E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
3967	ALL	656275.2	4186963	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.32E-06	0.00E+00	9.05E-07	0.00E+00	2.41E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3968	ALL	656283.3	4186986	NonCancer	0.00E+00	3.62E-07	0.00E+00	2.40E-08	2.40E-08	2.40E-08	5.31E-06	0.00E+00	9.01E-07	0.00E+00	2.40E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3969	ALL	656291.3	4187009	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.30E-06	0.00E+00	8.98E-07	0.00E+00	2.39E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
3970	ALL	656299.3	4187033	NonCancer	0.00E+00	3.60E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.29E-06	0.00E+00	8.96E-07	0.00E+00	2.39E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3971	ALL	656307.4	4187056	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.28E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3972	ALL	656315.4	4187079	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.27E-06	0.00E+00	8.91E-07	0.00E+00	2.37E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
3973	ALL	656323.5	4187102	NonCancer	0.00E+00	3.57E-07	0.00E+00	2.37E-08	2.37E-08	2.37E-08	5.26E-06	0.00E+00	8.89E-07	0.00E+00	2.37E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3974	ALL	656331.5	4187126	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.25E-06	0.00E+00	8.87E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3975	ALL	656339.5	4187149	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.24E-06	0.00E+00	8.85E-07	0.00E+00	2.36E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
3976	ALL	656347.6	4187172	NonCancer	0.00E+00	3.55E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.23E-06	0.00E+00	8.83E-07	0.00E+00	2.35E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3977	ALL	656355.6	4187195	NonCancer	0.00E+00	3.54E-07	0.00E+00	2.35E-08	2.35E-08	2.35E-08	5.22E-06	0.00E+00	8.81E-07	0.00E+00	2.35E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3978	ALL	656363.7	4187219	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.21E-06	0.00E+00	8.79E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3979	ALL	656371.7	4187242	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.20E-06	0.00E+00	8.78E-07	0.00E+00	2.34E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
3980	ALL	656379.8	4187265	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.19E-06	0.00E+00	8.76E-07	0.00E+00	2.34E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3981	ALL	656387.8	4187288	NonCancer	0.00E+00	3.52E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.18E-06	0.00E+00	8.75E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3982	ALL	656395.8	4187312	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.18E-06	0.00E+00	8.75E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3983	ALL	656403.9	4187335	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.17E-06	0.00E+00	8.74E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3984	ALL	656411.9	4187358	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.16E-06	0.00E+00	8.73E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3985	ALL	656420	4187381	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.15E-06	0.00E+00	8.73E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3986	ALL	656428	4187405	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.15E-06	0.00E+00	8.73E-07	0.00E+00	2.33E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3987	ALL	656436.1	4187428	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.14E-06	0.00E+00	8.72E-07	0.00E+00	2.32E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
3988	ALL	656444.1	4187451	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.13E-06	0.00E+00	8.71E-07	0.00E+00	2.32E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3989	ALL	656452.1	4187474	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.11E-06	0.00E+00	8.70E-07	0.00E+00	2.32E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3990	ALL	656460.2	4187498	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.10E-06	0.00E+00	8.68E-07	0.00E+00	2.31E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
3991	ALL	656468.2	4187521	NonCancer	0.00E+00	3.48E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.08E-06	0.00E+00	8.66E-07	0.00E+00	2.31E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3992	ALL	656476.3	4187544	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.06E-06	0.00E+00	8.64E-07	0.00E+00	2.30E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3993	ALL	656484.3	4187567	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.04E-06	0.00E+00	8.61E-07	0.00E+00	2.30E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
3994	ALL	656492.3	4187591	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.02E-06	0.00E+00	8.58E-07	0.00E+00	2.29E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
3995	ALL	656500.4	4187614	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	4.99E-06	0.00E+00	8.53E-07	0.00E+00	2.28E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3996	ALL	656508.4	4187637	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	4.97E-06	0.00E+00	8.49E-07	0.00E+00	2.26E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
3997	ALL	656516.5	4187661	NonCancer	0.00E+00	3.39E-07	0.00E+00	2.25E-08	2.25E-08	2.25E-08	4.94E-06	0.00E+00	8.43E-07	0.00E+00	2.25E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
3998	ALL	656524.5	4187684	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	4.90E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
3999	ALL	656532.6	4187707	NonCancer	0.00E+00	3.34E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	4.87E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05

4000	ALL	656540.6	4187730	NonCancer	0.00E+00	3.31E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	4.83E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4001	ALL	656548.6	4187754	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.79E-06	0.00E+00	8.16E-07	0.00E+00	2.17E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4002	ALL	656556.7	4187777	NonCancer	0.00E+00	3.25E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.76E-06	0.00E+00	8.08E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
4003	ALL	656564.7	4187800	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.72E-06	0.00E+00	8.00E-07	0.00E+00	2.13E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
4004	ALL	656572.8	4187823	NonCancer	0.00E+00	3.18E-07	0.00E+00	2.11E-08	2.11E-08	2.11E-08	4.68E-06	0.00E+00	7.92E-07	0.00E+00	2.11E-08	1.22E-05	0.00E+00	0.00E+00	1.22E-05
4005	ALL	656580.8	4187847	NonCancer	0.00E+00	3.15E-07	0.00E+00	2.09E-08	2.09E-08	2.09E-08	4.64E-06	0.00E+00	7.84E-07	0.00E+00	2.09E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
4006	ALL	656588.9	4187870	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.60E-06	0.00E+00	7.77E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4007	ALL	656596.9	4187893	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.56E-06	0.00E+00	7.69E-07	0.00E+00	2.05E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4008	ALL	656604.9	4187916	NonCancer	0.00E+00	3.06E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.52E-06	0.00E+00	7.62E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4009	ALL	656613	4187940	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.49E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4010	ALL	656621	4187963	NonCancer	0.00E+00	3.01E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.45E-06	0.00E+00	7.49E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4011	ALL	656629.1	4187986	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.42E-06	0.00E+00	7.43E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4012	ALL	656637.1	4188009	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.38E-06	0.00E+00	7.37E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4013	ALL	656645.2	4188033	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.35E-06	0.00E+00	7.32E-07	0.00E+00	1.95E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4014	ALL	656653.2	4188056	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.32E-06	0.00E+00	7.27E-07	0.00E+00	1.94E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4015	ALL	653894.5	4185029	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.81E-06	0.00E+00	4.64E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
4016	ALL	653869.7	4185028	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.79E-06	0.00E+00	4.60E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
4017	ALL	653844.9	4185027	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.77E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4018	ALL	653820.1	4185027	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.76E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4019	ALL	653795.4	4185026	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.75E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4020	ALL	653770.6	4185025	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.74E-06	0.00E+00	4.49E-07	0.00E+00	1.19E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
4021	ALL	653930.2	4184539	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.60E-09	9.60E-09	9.60E-09	2.18E-06	0.00E+00	3.61E-07	0.00E+00	9.60E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
4022	ALL	653952.5	4184549	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.70E-09	9.70E-09	9.70E-09	2.21E-06	0.00E+00	3.65E-07	0.00E+00	9.70E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
4023	ALL	653974.9	4184560	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.80E-09	9.80E-09	9.80E-09	2.23E-06	0.00E+00	3.68E-07	0.00E+00	9.80E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
4024	ALL	653997.3	4184570	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.91E-09	9.91E-09	9.91E-09	2.25E-06	0.00E+00	3.72E-07	0.00E+00	9.91E-09	5.78E-06	0.00E+00	0.00E+00	5.78E-06
4025	ALL	654019.6	4184580	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.28E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
4026	ALL	654042	4184590	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.30E-06	0.00E+00	3.80E-07	0.00E+00	1.01E-08	5.91E-06	0.00E+00	0.00E+00	5.91E-06
4027	ALL	654064.3	4184601	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.85E-07	0.00E+00	1.02E-08	5.98E-06	0.00E+00	0.00E+00	5.98E-06
4028	ALL	654086.7	4184611	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.35E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.05E-06	0.00E+00	0.00E+00	6.05E-06
4029	ALL	654109	4184621	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.38E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.12E-06	0.00E+00	0.00E+00	6.12E-06
4030	ALL	654131.4	4184631	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.40E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.19E-06	0.00E+00	0.00E+00	6.19E-06
4031	ALL	654153.7	4184642	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.43E-06	0.00E+00	4.04E-07	0.00E+00	1.07E-08	6.26E-06	0.00E+00	0.00E+00	6.26E-06
4032	ALL	654176.1	4184652	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.46E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.34E-06	0.00E+00	0.00E+00	6.34E-06
4033	ALL	654198.4	4184662	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.48E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.42E-06	0.00E+00	0.00E+00	6.42E-06
4034	ALL	654220.8	4184672	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
4035	ALL	654243.2	4184683	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.54E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
4036	ALL	654265.5	4184693	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.64E-06	0.00E+00	0.00E+00	6.64E-06
4037	ALL	654287.9	4184703	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.59E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
4038	ALL	654310.2	4184714	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.61E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
4039	ALL	654332.6	4184724	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.83E-06	0.00E+00	0.00E+00	6.83E-06
4040	ALL	654354.9	4184734	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
4041	ALL	654377.3	4184744	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.67E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4042	ALL	654399.6	4184755	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.68E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	6.97E-06	0.00E+00	0.00E+00	6.97E-06
4043	ALL	654422	4184765	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.70E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
4044	ALL	654444.3	4184775	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.72E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4045	ALL	654466.7	4184785	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.73E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
4046	ALL	654489	4184796	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4047	ALL	654511.4	4184806	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.76E-06	0.00E+00	4.61E-07	0.00E+00	1.23E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
4048	ALL	654533.8	4184816	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.78E-06	0.00E+00	4.64E-07	0.00E+00	1.23E-08	7.19E-06	0.00E+00	0.00E+00	7.19E-06
4049	ALL	654556.1	4184826	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.80E-06	0.00E+00	4.66E-07	0.00E+00	1.24E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06

4050	ALL	654578.5	4184837	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.81E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.28E-06	0.00E+00	0.00E+00	7.28E-06
4051	ALL	654600.8	4184847	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.83E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.33E-06	0.00E+00	0.00E+00	7.33E-06
4052	ALL	654623.2	4184857	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.85E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.38E-06	0.00E+00	0.00E+00	7.38E-06
4053	ALL	654645.5	4184868	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.87E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.43E-06	0.00E+00	0.00E+00	7.43E-06
4054	ALL	654667.9	4184878	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.89E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
4055	ALL	654690.2	4184888	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.91E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
4056	ALL	654712.6	4184898	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.93E-06	0.00E+00	4.91E-07	0.00E+00	1.31E-08	7.60E-06	0.00E+00	0.00E+00	7.60E-06
4057	ALL	654734.9	4184909	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.96E-06	0.00E+00	4.94E-07	0.00E+00	1.32E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
4058	ALL	654757.3	4184919	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.98E-06	0.00E+00	4.97E-07	0.00E+00	1.32E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4059	ALL	654779.7	4184929	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.00E-06	0.00E+00	5.01E-07	0.00E+00	1.33E-08	7.76E-06	0.00E+00	0.00E+00	7.76E-06
4060	ALL	654802	4184939	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.02E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4061	ALL	654824.4	4184950	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.04E-06	0.00E+00	5.08E-07	0.00E+00	1.35E-08	7.87E-06	0.00E+00	0.00E+00	7.87E-06
4062	ALL	654846.7	4184960	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.06E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.93E-06	0.00E+00	0.00E+00	7.93E-06
4063	ALL	654869.1	4184970	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.08E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	7.99E-06	0.00E+00	0.00E+00	7.99E-06
4064	ALL	654891.4	4184980	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.10E-06	0.00E+00	5.20E-07	0.00E+00	1.39E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
4065	ALL	654913.8	4184991	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.12E-06	0.00E+00	5.25E-07	0.00E+00	1.40E-08	8.12E-06	0.00E+00	0.00E+00	8.12E-06
4066	ALL	654936.1	4185001	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.14E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
4067	ALL	654958.5	4185011	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.16E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4068	ALL	654980.8	4185021	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4069	ALL	655003.2	4185032	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4070	ALL	655025.6	4185042	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.21E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
4071	ALL	655047.9	4185052	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.22E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4072	ALL	655070.3	4185063	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4073	ALL	655092.6	4185073	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.23E-06	0.00E+00	5.50E-07	0.00E+00	1.47E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4074	ALL	655115	4185083	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.23E-06	0.00E+00	5.50E-07	0.00E+00	1.47E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
4075	ALL	655137.3	4185093	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.50E-07	0.00E+00	1.46E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4076	ALL	655159.7	4185104	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4077	ALL	655182	4185114	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4078	ALL	655204.4	4185124	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.22E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
4079	ALL	655226.7	4185134	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.21E-06	0.00E+00	5.43E-07	0.00E+00	1.45E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4080	ALL	655249.1	4185145	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4081	ALL	655271.4	4185155	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4082	ALL	655293.8	4185165	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
4083	ALL	655316.2	4185175	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.17E-06	0.00E+00	5.35E-07	0.00E+00	1.42E-08	8.26E-06	0.00E+00	0.00E+00	8.26E-06
4084	ALL	655338.5	4185186	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.16E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4085	ALL	655360.9	4185196	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.15E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4086	ALL	655383.2	4185206	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.14E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
4087	ALL	655405.6	4185216	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.13E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.13E-06	0.00E+00	0.00E+00	8.13E-06
4088	ALL	655427.9	4185227	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.12E-06	0.00E+00	5.24E-07	0.00E+00	1.39E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
4089	ALL	655450.3	4185237	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.12E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.07E-06	0.00E+00	0.00E+00	8.07E-06
4090	ALL	655472.6	4185247	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.11E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4091	ALL	655495	4185258	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.11E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.03E-06	0.00E+00	0.00E+00	8.03E-06
4092	ALL	655517.3	4185268	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.11E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4093	ALL	655539.7	4185278	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.11E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4094	ALL	655562.1	4185288	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.11E-06	0.00E+00	5.16E-07	0.00E+00	1.37E-08	8.02E-06	0.00E+00	0.00E+00	8.02E-06
4095	ALL	655584.4	4185299	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.12E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.03E-06	0.00E+00	0.00E+00	8.03E-06
4096	ALL	655606.8	4185309	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.12E-06	0.00E+00	5.19E-07	0.00E+00	1.38E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4097	ALL	655629.1	4185319	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.13E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.08E-06	0.00E+00	0.00E+00	8.08E-06
4098	ALL	655651.5	4185329	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.14E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.12E-06	0.00E+00	0.00E+00	8.12E-06
4099	ALL	655673.8	4185340	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.16E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.16E-06	0.00E+00	0.00E+00	8.16E-06

4100	ALL	655696.2	4185350	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.17E-06	0.00E+00	5.29E-07	0.00E+00	1.41E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4101	ALL	655718.5	4185360	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.18E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4102	ALL	655740.9	4185370	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.20E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
4103	ALL	655763.2	4185381	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.34E-06	0.00E+00	0.00E+00	8.34E-06
4104	ALL	655785.6	4185391	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.23E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4105	ALL	655808	4185401	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.24E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4106	ALL	655830.3	4185411	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.25E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4107	ALL	655852.7	4185422	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.26E-06	0.00E+00	5.50E-07	0.00E+00	1.47E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
4108	ALL	655875	4185432	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.28E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
4109	ALL	655897.4	4185442	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.29E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
4110	ALL	655919.7	4185453	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.30E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
4111	ALL	655942.1	4185463	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.31E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.64E-06	0.00E+00	0.00E+00	8.64E-06
4112	ALL	655964.4	4185473	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.67E-06	0.00E+00	0.00E+00	8.67E-06
4113	ALL	655986.8	4185483	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.33E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.70E-06	0.00E+00	0.00E+00	8.70E-06
4114	ALL	656009.1	4185494	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.34E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4115	ALL	656031.5	4185504	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.35E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4116	ALL	656053.9	4185514	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.35E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4117	ALL	656076.2	4185524	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
4118	ALL	656098.6	4185535	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4119	ALL	656120.9	4185545	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4120	ALL	656143.3	4185555	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
4121	ALL	656165.6	4185565	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4122	ALL	656188	4185576	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.36E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4123	ALL	656210.3	4185586	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.35E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4124	ALL	656232.7	4185596	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.35E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4125	ALL	656255	4185606	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.34E-06	0.00E+00	5.65E-07	0.00E+00	1.51E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4126	ALL	656277.4	4185617	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.34E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
4127	ALL	656307.8	4185650	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.36E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.78E-06	0.00E+00	0.00E+00	8.78E-06
4128	ALL	656315.8	4185674	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.39E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.85E-06	0.00E+00	0.00E+00	8.85E-06
4129	ALL	656323.9	4185697	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.41E-06	0.00E+00	5.78E-07	0.00E+00	1.54E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
4130	ALL	656331.9	4185720	NonCancer	0.00E+00	2.34E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.44E-06	0.00E+00	5.83E-07	0.00E+00	1.55E-08	8.99E-06	0.00E+00	0.00E+00	8.99E-06
4131	ALL	656339.9	4185743	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.46E-06	0.00E+00	5.88E-07	0.00E+00	1.57E-08	9.07E-06	0.00E+00	0.00E+00	9.07E-06
4132	ALL	656348	4185766	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.49E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.14E-06	0.00E+00	0.00E+00	9.14E-06
4133	ALL	656356	4185790	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.52E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
4134	ALL	656364.1	4185813	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.54E-06	0.00E+00	6.02E-07	0.00E+00	1.60E-08	9.28E-06	0.00E+00	0.00E+00	9.28E-06
4135	ALL	656372.1	4185836	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.57E-06	0.00E+00	6.06E-07	0.00E+00	1.61E-08	9.34E-06	0.00E+00	0.00E+00	9.34E-06
4136	ALL	656380.1	4185859	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.59E-06	0.00E+00	6.10E-07	0.00E+00	1.63E-08	9.41E-06	0.00E+00	0.00E+00	9.41E-06
4137	ALL	656388.2	4185883	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.62E-06	0.00E+00	6.14E-07	0.00E+00	1.64E-08	9.47E-06	0.00E+00	0.00E+00	9.47E-06
4138	ALL	656396.2	4185906	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.64E-06	0.00E+00	6.18E-07	0.00E+00	1.65E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
4139	ALL	656404.3	4185929	NonCancer	0.00E+00	2.50E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.66E-06	0.00E+00	6.21E-07	0.00E+00	1.66E-08	9.58E-06	0.00E+00	0.00E+00	9.58E-06
4140	ALL	656412.3	4185952	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.69E-06	0.00E+00	6.25E-07	0.00E+00	1.66E-08	9.64E-06	0.00E+00	0.00E+00	9.64E-06
4141	ALL	656420.3	4185976	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.71E-06	0.00E+00	6.28E-07	0.00E+00	1.67E-08	9.69E-06	0.00E+00	0.00E+00	9.69E-06
4142	ALL	656428.4	4185999	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.73E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.75E-06	0.00E+00	0.00E+00	9.75E-06
4143	ALL	656436.4	4186022	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.75E-06	0.00E+00	6.35E-07	0.00E+00	1.69E-08	9.80E-06	0.00E+00	0.00E+00	9.80E-06
4144	ALL	656444.5	4186045	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.78E-06	0.00E+00	6.38E-07	0.00E+00	1.70E-08	9.86E-06	0.00E+00	0.00E+00	9.86E-06
4145	ALL	656452.5	4186069	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.80E-06	0.00E+00	6.42E-07	0.00E+00	1.71E-08	9.91E-06	0.00E+00	0.00E+00	9.91E-06
4146	ALL	656460.5	4186092	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.82E-06	0.00E+00	6.46E-07	0.00E+00	1.72E-08	9.97E-06	0.00E+00	0.00E+00	9.97E-06
4147	ALL	656468.6	4186115	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.84E-06	0.00E+00	6.50E-07	0.00E+00	1.73E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
4148	ALL	656476.6	4186138	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.87E-06	0.00E+00	6.54E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4149	ALL	656484.7	4186162	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.89E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05

4150	ALL	656492.7	4186185	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.91E-06	0.00E+00	6.62E-07	0.00E+00	1.76E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4151	ALL	656500.7	4186208	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	3.93E-06	0.00E+00	6.66E-07	0.00E+00	1.78E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4152	ALL	656508.8	4186231	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.95E-06	0.00E+00	6.70E-07	0.00E+00	1.79E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4153	ALL	656516.8	4186255	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.97E-06	0.00E+00	6.74E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4154	ALL	656524.9	4186278	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4155	ALL	656532.9	4186301	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.01E-06	0.00E+00	6.80E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4156	ALL	656540.9	4186324	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.02E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4157	ALL	656549	4186348	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.04E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4158	ALL	656557	4186371	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.05E-06	0.00E+00	6.86E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4159	ALL	656565.1	4186394	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.06E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4160	ALL	656573.1	4186417	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.07E-06	0.00E+00	6.90E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4161	ALL	656581.1	4186441	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.08E-06	0.00E+00	6.93E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4162	ALL	656589.2	4186464	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.09E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4163	ALL	656597.2	4186487	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.10E-06	0.00E+00	6.97E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4164	ALL	656605.3	4186510	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.11E-06	0.00E+00	7.00E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4165	ALL	656613.3	4186534	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.12E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4166	ALL	656621.3	4186557	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.13E-06	0.00E+00	7.05E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4167	ALL	656629.4	4186580	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4168	ALL	656637.4	4186603	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.14E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4169	ALL	656645.5	4186627	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4170	ALL	656653.5	4186650	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4171	ALL	656661.5	4186673	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.15E-06	0.00E+00	7.09E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4172	ALL	656669.6	4186696	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.14E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4173	ALL	656677.6	4186720	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4174	ALL	656685.6	4186743	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.14E-06	0.00E+00	7.04E-07	0.00E+00	1.88E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
4175	ALL	656693.7	4186766	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.13E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4176	ALL	656701.7	4186789	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.12E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4177	ALL	656709.8	4186813	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.12E-06	0.00E+00	6.97E-07	0.00E+00	1.86E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4178	ALL	656717.8	4186836	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.11E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4179	ALL	656725.8	4186859	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.10E-06	0.00E+00	6.93E-07	0.00E+00	1.85E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4180	ALL	656733.9	4186882	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.09E-06	0.00E+00	6.91E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4181	ALL	656741.9	4186906	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.09E-06	0.00E+00	6.90E-07	0.00E+00	1.84E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4182	ALL	656750	4186929	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.08E-06	0.00E+00	6.88E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4183	ALL	656758	4186952	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.07E-06	0.00E+00	6.87E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4184	ALL	656766	4186975	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.07E-06	0.00E+00	6.86E-07	0.00E+00	1.83E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4185	ALL	656774.1	4186999	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.06E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4186	ALL	656782.1	4187022	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4187	ALL	656790.2	4187045	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.82E-07	0.00E+00	1.82E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4188	ALL	656798.2	4187068	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.04E-06	0.00E+00	6.80E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4189	ALL	656806.2	4187092	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.03E-06	0.00E+00	6.79E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4190	ALL	656814.3	4187115	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.03E-06	0.00E+00	6.78E-07	0.00E+00	1.81E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4191	ALL	656822.3	4187138	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.77E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4192	ALL	656830.4	4187161	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.02E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4193	ALL	656838.4	4187185	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.01E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4194	ALL	656846.4	4187208	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.01E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4195	ALL	656854.5	4187231	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.00E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4196	ALL	656862.5	4187254	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.00E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4197	ALL	656870.6	4187278	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4198	ALL	656878.6	4187301	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4199	ALL	656886.6	4187324	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.99E-06	0.00E+00	6.74E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05

4200	ALL	656894.7	4187347	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	3.98E-06	0.00E+00	6.74E-07	0.00E+00	1.80E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4201	ALL	656902.7	4187371	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.97E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4202	ALL	656910.8	4187394	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.96E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4203	ALL	656918.8	4187417	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.96E-06	0.00E+00	6.72E-07	0.00E+00	1.79E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
4204	ALL	656926.8	4187440	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	3.95E-06	0.00E+00	6.71E-07	0.00E+00	1.79E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4205	ALL	656934.9	4187464	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	3.94E-06	0.00E+00	6.69E-07	0.00E+00	1.78E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4206	ALL	656942.9	4187487	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	3.92E-06	0.00E+00	6.68E-07	0.00E+00	1.78E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4207	ALL	656951	4187510	NonCancer	0.00E+00	2.68E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.91E-06	0.00E+00	6.66E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4208	ALL	656959	4187533	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	3.89E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4209	ALL	656967	4187557	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.88E-06	0.00E+00	6.61E-07	0.00E+00	1.76E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
4210	ALL	656975.1	4187580	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	3.86E-06	0.00E+00	6.58E-07	0.00E+00	1.75E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4211	ALL	656983.1	4187603	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	3.84E-06	0.00E+00	6.54E-07	0.00E+00	1.74E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4212	ALL	656991.2	4187626	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.81E-06	0.00E+00	6.50E-07	0.00E+00	1.73E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
4213	ALL	656999.2	4187649	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.79E-06	0.00E+00	6.46E-07	0.00E+00	1.72E-08	9.95E-06	0.00E+00	0.00E+00	9.95E-06
4214	ALL	657007.2	4187673	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.77E-06	0.00E+00	6.41E-07	0.00E+00	1.71E-08	9.88E-06	0.00E+00	0.00E+00	9.88E-06
4215	ALL	657015.3	4187696	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.74E-06	0.00E+00	6.36E-07	0.00E+00	1.70E-08	9.81E-06	0.00E+00	0.00E+00	9.81E-06
4216	ALL	657023.3	4187719	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.72E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
4217	ALL	657031.4	4187742	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.69E-06	0.00E+00	6.26E-07	0.00E+00	1.67E-08	9.66E-06	0.00E+00	0.00E+00	9.66E-06
4218	ALL	657039.4	4187766	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.66E-06	0.00E+00	6.21E-07	0.00E+00	1.65E-08	9.58E-06	0.00E+00	0.00E+00	9.58E-06
4219	ALL	657047.4	4187789	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.64E-06	0.00E+00	6.15E-07	0.00E+00	1.64E-08	9.50E-06	0.00E+00	0.00E+00	9.50E-06
4220	ALL	657055.5	4187812	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.61E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.42E-06	0.00E+00	0.00E+00	9.42E-06
4221	ALL	657063.5	4187835	NonCancer	0.00E+00	2.43E-07	0.00E+00	1.61E-08	1.61E-08	1.61E-08	3.59E-06	0.00E+00	6.05E-07	0.00E+00	1.61E-08	9.34E-06	0.00E+00	0.00E+00	9.34E-06
4222	ALL	657071.5	4187859	NonCancer	0.00E+00	2.41E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.56E-06	0.00E+00	5.99E-07	0.00E+00	1.60E-08	9.26E-06	0.00E+00	0.00E+00	9.26E-06
4223	ALL	657079.6	4187882	NonCancer	0.00E+00	2.39E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.53E-06	0.00E+00	5.94E-07	0.00E+00	1.58E-08	9.19E-06	0.00E+00	0.00E+00	9.19E-06
4224	ALL	657087.6	4187905	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.51E-06	0.00E+00	5.89E-07	0.00E+00	1.57E-08	9.12E-06	0.00E+00	0.00E+00	9.12E-06
4225	ALL	657095.7	4187928	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.48E-06	0.00E+00	5.85E-07	0.00E+00	1.56E-08	9.05E-06	0.00E+00	0.00E+00	9.05E-06
4226	ALL	657103.7	4187952	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.46E-06	0.00E+00	5.80E-07	0.00E+00	1.54E-08	8.98E-06	0.00E+00	0.00E+00	8.98E-06
4227	ALL	657111.7	4187975	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.43E-06	0.00E+00	5.76E-07	0.00E+00	1.53E-08	8.91E-06	0.00E+00	0.00E+00	8.91E-06
4228	ALL	657119.8	4187998	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.41E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.85E-06	0.00E+00	0.00E+00	8.85E-06
4229	ALL	657127.8	4188021	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.39E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.80E-06	0.00E+00	0.00E+00	8.80E-06
4230	ALL	657135.9	4188045	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.37E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4231	ALL	657143.9	4188068	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.35E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
4232	ALL	657151.9	4188091	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.33E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.65E-06	0.00E+00	0.00E+00	8.65E-06
4233	ALL	653907.8	4184529	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.16E-06	0.00E+00	3.57E-07	0.00E+00	9.51E-09	5.55E-06	0.00E+00	0.00E+00	5.55E-06
4234	ALL	653883.1	4184528	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.45E-09	9.45E-09	9.45E-09	2.15E-06	0.00E+00	3.55E-07	0.00E+00	9.45E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
4235	ALL	653858.3	4184527	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.39E-09	9.39E-09	9.39E-09	2.14E-06	0.00E+00	3.53E-07	0.00E+00	9.39E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
4236	ALL	653833.5	4184527	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.34E-09	9.34E-09	9.34E-09	2.13E-06	0.00E+00	3.51E-07	0.00E+00	9.34E-09	5.46E-06	0.00E+00	0.00E+00	5.46E-06
4237	ALL	653808.7	4184526	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.28E-09	9.28E-09	9.28E-09	2.12E-06	0.00E+00	3.49E-07	0.00E+00	9.28E-09	5.43E-06	0.00E+00	0.00E+00	5.43E-06
4238	ALL	653783.9	4184525	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.23E-09	9.23E-09	9.23E-09	2.12E-06	0.00E+00	3.47E-07	0.00E+00	9.23E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
4239	ALL	653943.5	4184039	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.66E-09	7.66E-09	7.66E-09	1.74E-06	0.00E+00	2.88E-07	0.00E+00	7.66E-09	4.47E-06	0.00E+00	0.00E+00	4.47E-06
4240	ALL	653965.9	4184050	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.73E-09	7.73E-09	7.73E-09	1.76E-06	0.00E+00	2.90E-07	0.00E+00	7.73E-09	4.51E-06	0.00E+00	0.00E+00	4.51E-06
4241	ALL	653988.2	4184060	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.80E-09	7.80E-09	7.80E-09	1.77E-06	0.00E+00	2.93E-07	0.00E+00	7.80E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
4242	ALL	654010.6	4184070	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.87E-09	7.87E-09	7.87E-09	1.79E-06	0.00E+00	2.96E-07	0.00E+00	7.87E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
4243	ALL	654032.9	4184080	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.95E-09	7.95E-09	7.95E-09	1.81E-06	0.00E+00	2.99E-07	0.00E+00	7.95E-09	4.64E-06	0.00E+00	0.00E+00	4.64E-06
4244	ALL	654055.3	4184091	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.82E-06	0.00E+00	3.01E-07	0.00E+00	8.02E-09	4.68E-06	0.00E+00	0.00E+00	4.68E-06
4245	ALL	654077.6	4184101	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.10E-09	8.10E-09	8.10E-09	1.84E-06	0.00E+00	3.04E-07	0.00E+00	8.10E-09	4.73E-06	0.00E+00	0.00E+00	4.73E-06
4246	ALL	654100	4184111	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.18E-09	8.18E-09	8.18E-09	1.86E-06	0.00E+00	3.08E-07	0.00E+00	8.18E-09	4.78E-06	0.00E+00	0.00E+00	4.78E-06
4247	ALL	654122.3	4184121	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.27E-09	8.27E-09	8.27E-09	1.88E-06	0.00E+00	3.11E-07	0.00E+00	8.27E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
4248	ALL	654144.7	4184132	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.36E-09	8.36E-09	8.36E-09	1.89E-06	0.00E+00	3.14E-07	0.00E+00	8.36E-09	4.87E-06	0.00E+00	0.00E+00	4.87E-06
4249	ALL	654167	4184142	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.44E-09	8.44E-09	8.44E-09	1.91E-06	0.00E+00	3.17E-07	0.00E+00	8.44E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06

4250	ALL	654189.4	4184152	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.54E-09	8.54E-09	8.54E-09	1.93E-06	0.00E+00	3.21E-07	0.00E+00	8.54E-09	4.98E-06	0.00E+00	0.00E+00	4.98E-06
4251	ALL	654211.7	4184162	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.63E-09	8.63E-09	8.63E-09	1.95E-06	0.00E+00	3.24E-07	0.00E+00	8.63E-09	5.03E-06	0.00E+00	0.00E+00	5.03E-06
4252	ALL	654234.1	4184173	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.72E-09	8.72E-09	8.72E-09	1.97E-06	0.00E+00	3.28E-07	0.00E+00	8.72E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
4253	ALL	654256.4	4184183	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.82E-09	8.82E-09	8.82E-09	1.99E-06	0.00E+00	3.31E-07	0.00E+00	8.82E-09	5.14E-06	0.00E+00	0.00E+00	5.14E-06
4254	ALL	654278.8	4184193	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.01E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
4255	ALL	654301.1	4184203	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.01E-09	9.01E-09	9.01E-09	2.03E-06	0.00E+00	3.39E-07	0.00E+00	9.01E-09	5.24E-06	0.00E+00	0.00E+00	5.24E-06
4256	ALL	654323.5	4184214	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.11E-09	9.11E-09	9.11E-09	2.05E-06	0.00E+00	3.42E-07	0.00E+00	9.11E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
4257	ALL	654345.8	4184224	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.20E-09	9.20E-09	9.20E-09	2.06E-06	0.00E+00	3.46E-07	0.00E+00	9.20E-09	5.35E-06	0.00E+00	0.00E+00	5.35E-06
4258	ALL	654368.2	4184234	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.08E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
4259	ALL	654390.5	4184244	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.37E-09	9.37E-09	9.37E-09	2.10E-06	0.00E+00	3.52E-07	0.00E+00	9.37E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
4260	ALL	654412.9	4184255	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.44E-09	9.44E-09	9.44E-09	2.11E-06	0.00E+00	3.55E-07	0.00E+00	9.44E-09	5.48E-06	0.00E+00	0.00E+00	5.48E-06
4261	ALL	654435.2	4184265	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.13E-06	0.00E+00	3.57E-07	0.00E+00	9.51E-09	5.52E-06	0.00E+00	0.00E+00	5.52E-06
4262	ALL	654457.6	4184275	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.57E-09	9.57E-09	9.57E-09	2.14E-06	0.00E+00	3.59E-07	0.00E+00	9.57E-09	5.56E-06	0.00E+00	0.00E+00	5.56E-06
4263	ALL	654479.9	4184286	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.15E-06	0.00E+00	3.61E-07	0.00E+00	9.62E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
4264	ALL	654502.3	4184296	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.66E-09	9.66E-09	9.66E-09	2.16E-06	0.00E+00	3.63E-07	0.00E+00	9.66E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
4265	ALL	654524.6	4184306	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.70E-09	9.70E-09	9.70E-09	2.17E-06	0.00E+00	3.64E-07	0.00E+00	9.70E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
4266	ALL	654547	4184316	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.18E-06	0.00E+00	3.65E-07	0.00E+00	9.73E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
4267	ALL	654569.3	4184327	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.77E-09	9.77E-09	9.77E-09	2.19E-06	0.00E+00	3.67E-07	0.00E+00	9.77E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
4268	ALL	654591.7	4184337	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.80E-09	9.80E-09	9.80E-09	2.20E-06	0.00E+00	3.68E-07	0.00E+00	9.80E-09	5.70E-06	0.00E+00	0.00E+00	5.70E-06
4269	ALL	654614	4184347	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.84E-09	9.84E-09	9.84E-09	2.22E-06	0.00E+00	3.69E-07	0.00E+00	9.84E-09	5.73E-06	0.00E+00	0.00E+00	5.73E-06
4270	ALL	654636.4	4184357	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.88E-09	9.88E-09	9.88E-09	2.23E-06	0.00E+00	3.71E-07	0.00E+00	9.88E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
4271	ALL	654658.7	4184368	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.92E-09	9.92E-09	9.92E-09	2.24E-06	0.00E+00	3.73E-07	0.00E+00	9.92E-09	5.78E-06	0.00E+00	0.00E+00	5.78E-06
4272	ALL	654681.1	4184378	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.25E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.81E-06	0.00E+00	0.00E+00	5.81E-06
4273	ALL	654703.4	4184388	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.26E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
4274	ALL	654725.8	4184398	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
4275	ALL	654748.1	4184409	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.29E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.92E-06	0.00E+00	0.00E+00	5.92E-06
4276	ALL	654770.4	4184419	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.30E-06	0.00E+00	3.85E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
4277	ALL	654792.8	4184429	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.32E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
4278	ALL	654815.1	4184439	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.33E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
4279	ALL	654837.5	4184450	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.35E-06	0.00E+00	3.92E-07	0.00E+00	1.05E-08	6.08E-06	0.00E+00	0.00E+00	6.08E-06
4280	ALL	654859.8	4184460	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.36E-06	0.00E+00	3.95E-07	0.00E+00	1.05E-08	6.12E-06	0.00E+00	0.00E+00	6.12E-06
4281	ALL	654882.2	4184470	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.38E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
4282	ALL	654904.5	4184480	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.39E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.19E-06	0.00E+00	0.00E+00	6.19E-06
4283	ALL	654926.9	4184491	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.41E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.22E-06	0.00E+00	0.00E+00	6.22E-06
4284	ALL	654949.2	4184501	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.42E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.26E-06	0.00E+00	0.00E+00	6.26E-06
4285	ALL	654971.6	4184511	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.44E-06	0.00E+00	4.06E-07	0.00E+00	1.08E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
4286	ALL	654993.9	4184522	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.45E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.34E-06	0.00E+00	0.00E+00	6.34E-06
4287	ALL	655016.3	4184532	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.47E-06	0.00E+00	4.12E-07	0.00E+00	1.10E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06
4288	ALL	655038.6	4184542	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.48E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4289	ALL	655061	4184552	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
4290	ALL	655083.3	4184563	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4291	ALL	655105.7	4184573	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
4292	ALL	655128	4184583	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.54E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
4293	ALL	655150.4	4184593	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.56E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
4294	ALL	655172.7	4184604	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.57E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
4295	ALL	655195.1	4184614	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.58E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
4296	ALL	655217.4	4184624	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.59E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
4297	ALL	655239.8	4184634	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.59E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.79E-06	0.00E+00	0.00E+00	6.79E-06
4298	ALL	655262.1	4184645	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4299	ALL	655284.5	4184655	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06

4300	ALL	655306.8	4184665	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
4301	ALL	655329.2	4184675	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
4302	ALL	655351.5	4184686	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.60E-06	0.00E+00	4.41E-07	0.00E+00	1.18E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4303	ALL	655373.9	4184696	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.60E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
4304	ALL	655396.2	4184706	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.60E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
4305	ALL	655418.6	4184716	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.59E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
4306	ALL	655440.9	4184727	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.58E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
4307	ALL	655463.3	4184737	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.58E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
4308	ALL	655485.6	4184747	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.57E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
4309	ALL	655508	4184758	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.56E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
4310	ALL	655530.3	4184768	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.56E-06	0.00E+00	4.30E-07	0.00E+00	1.15E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
4311	ALL	655552.7	4184778	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.55E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
4312	ALL	655575	4184788	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.54E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.61E-06	0.00E+00	0.00E+00	6.61E-06
4313	ALL	655597.4	4184799	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.58E-06	0.00E+00	0.00E+00	6.58E-06
4314	ALL	655619.7	4184809	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.52E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.56E-06	0.00E+00	0.00E+00	6.56E-06
4315	ALL	655642.1	4184819	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.52E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.54E-06	0.00E+00	0.00E+00	6.54E-06
4316	ALL	655664.4	4184829	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4317	ALL	655686.8	4184840	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.51E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
4318	ALL	655709.1	4184850	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
4319	ALL	655731.5	4184860	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.46E-06	0.00E+00	0.00E+00	6.46E-06
4320	ALL	655753.8	4184870	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.50E-06	0.00E+00	4.16E-07	0.00E+00	1.11E-08	6.45E-06	0.00E+00	0.00E+00	6.45E-06
4321	ALL	655776.1	4184881	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
4322	ALL	655798.5	4184891	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4323	ALL	655820.8	4184901	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
4324	ALL	655843.2	4184911	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
4325	ALL	655865.5	4184922	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.15E-07	0.00E+00	1.11E-08	6.45E-06	0.00E+00	0.00E+00	6.45E-06
4326	ALL	655887.9	4184932	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
4327	ALL	655910.2	4184942	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.52E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
4328	ALL	655932.6	4184952	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.53E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
4329	ALL	655954.9	4184963	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.54E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06
4330	ALL	655977.3	4184973	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.55E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
4331	ALL	655999.6	4184983	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
4332	ALL	656022	4184994	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.57E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
4333	ALL	656044.3	4185004	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
4334	ALL	656066.7	4185014	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.59E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
4335	ALL	656089	4185024	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.60E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.75E-06	0.00E+00	0.00E+00	6.75E-06
4336	ALL	656111.4	4185035	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.61E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
4337	ALL	656133.7	4185045	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.62E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
4338	ALL	656156.1	4185055	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.42E-07	0.00E+00	1.18E-08	6.83E-06	0.00E+00	0.00E+00	6.83E-06
4339	ALL	656178.4	4185065	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.63E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
4340	ALL	656200.8	4185076	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.64E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
4341	ALL	656223.1	4185086	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
4342	ALL	656245.5	4185096	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.66E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4343	ALL	656267.8	4185106	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.67E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.95E-06	0.00E+00	0.00E+00	6.95E-06
4344	ALL	656290.2	4185117	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.67E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	6.97E-06	0.00E+00	0.00E+00	6.97E-06
4345	ALL	656312.5	4185127	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.68E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4346	ALL	656334.9	4185137	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.02E-06	0.00E+00	0.00E+00	7.02E-06
4347	ALL	656357.2	4185147	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.69E-06	0.00E+00	4.56E-07	0.00E+00	1.22E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4348	ALL	656379.6	4185158	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4349	ALL	656401.9	4185168	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06

4350	ALL	656424.3	4185178	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4351	ALL	656446.6	4185188	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.71E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
4352	ALL	656469	4185199	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.71E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4353	ALL	656491.3	4185209	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4354	ALL	656513.7	4185219	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
4355	ALL	656536	4185230	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4356	ALL	656558.4	4185240	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.70E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
4357	ALL	656580.7	4185250	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.70E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4358	ALL	656603.1	4185260	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.02E-06	0.00E+00	0.00E+00	7.02E-06
4359	ALL	656625.4	4185271	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
4360	ALL	656647.8	4185281	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.69E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4361	ALL	656678.1	4185314	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.70E-06	0.00E+00	4.56E-07	0.00E+00	1.22E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
4362	ALL	656686.2	4185338	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.72E-06	0.00E+00	4.60E-07	0.00E+00	1.22E-08	7.10E-06	0.00E+00	0.00E+00	7.10E-06
4363	ALL	656694.2	4185361	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.74E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
4364	ALL	656702.3	4185384	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.76E-06	0.00E+00	4.66E-07	0.00E+00	1.24E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
4365	ALL	656710.3	4185407	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.77E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.25E-06	0.00E+00	0.00E+00	7.25E-06
4366	ALL	656718.3	4185431	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.79E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
4367	ALL	656726.4	4185454	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.81E-06	0.00E+00	4.77E-07	0.00E+00	1.27E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
4368	ALL	656734.4	4185477	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.83E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.40E-06	0.00E+00	0.00E+00	7.40E-06
4369	ALL	656742.4	4185500	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.85E-06	0.00E+00	4.83E-07	0.00E+00	1.29E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
4370	ALL	656750.5	4185524	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.86E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
4371	ALL	656758.5	4185547	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.88E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.54E-06	0.00E+00	0.00E+00	7.54E-06
4372	ALL	656766.6	4185570	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.90E-06	0.00E+00	4.91E-07	0.00E+00	1.31E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
4373	ALL	656774.6	4185593	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.92E-06	0.00E+00	4.94E-07	0.00E+00	1.32E-08	7.62E-06	0.00E+00	0.00E+00	7.62E-06
4374	ALL	656782.6	4185616	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.93E-06	0.00E+00	4.97E-07	0.00E+00	1.32E-08	7.66E-06	0.00E+00	0.00E+00	7.66E-06
4375	ALL	656790.7	4185640	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	2.95E-06	0.00E+00	4.99E-07	0.00E+00	1.33E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4376	ALL	656798.7	4185663	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	2.96E-06	0.00E+00	5.01E-07	0.00E+00	1.34E-08	7.74E-06	0.00E+00	0.00E+00	7.74E-06
4377	ALL	656806.7	4185686	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	2.98E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.78E-06	0.00E+00	0.00E+00	7.78E-06
4378	ALL	656814.8	4185709	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.00E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4379	ALL	656822.8	4185733	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.01E-06	0.00E+00	5.08E-07	0.00E+00	1.35E-08	7.85E-06	0.00E+00	0.00E+00	7.85E-06
4380	ALL	656830.9	4185756	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.03E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.89E-06	0.00E+00	0.00E+00	7.89E-06
4381	ALL	656838.9	4185779	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.04E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.93E-06	0.00E+00	0.00E+00	7.93E-06
4382	ALL	656846.9	4185802	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.06E-06	0.00E+00	5.15E-07	0.00E+00	1.37E-08	7.97E-06	0.00E+00	0.00E+00	7.97E-06
4383	ALL	656855	4185826	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.07E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
4384	ALL	656863	4185849	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.09E-06	0.00E+00	5.21E-07	0.00E+00	1.39E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
4385	ALL	656871	4185872	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.11E-06	0.00E+00	5.24E-07	0.00E+00	1.40E-08	8.09E-06	0.00E+00	0.00E+00	8.09E-06
4386	ALL	656879.1	4185895	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.12E-06	0.00E+00	5.27E-07	0.00E+00	1.40E-08	8.14E-06	0.00E+00	0.00E+00	8.14E-06
4387	ALL	656887.1	4185919	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.14E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.18E-06	0.00E+00	0.00E+00	8.18E-06
4388	ALL	656895.2	4185942	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.15E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4389	ALL	656903.2	4185965	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.17E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.27E-06	0.00E+00	0.00E+00	8.27E-06
4390	ALL	656911.2	4185988	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4391	ALL	656919.3	4186012	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4392	ALL	656927.3	4186035	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.21E-06	0.00E+00	5.43E-07	0.00E+00	1.45E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
4393	ALL	656935.3	4186058	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.22E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.41E-06	0.00E+00	0.00E+00	8.41E-06
4394	ALL	656943.4	4186081	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.23E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4395	ALL	656951.4	4186105	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.24E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4396	ALL	656959.5	4186128	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.25E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
4397	ALL	656967.5	4186151	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.26E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
4398	ALL	656975.5	4186174	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.27E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
4399	ALL	656983.6	4186198	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.27E-06	0.00E+00	5.54E-07	0.00E+00	1.47E-08	8.55E-06	0.00E+00	0.00E+00	8.55E-06

4400	ALL	656991.6	4186221	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.28E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
4401	ALL	656999.6	4186244	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.29E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.60E-06	0.00E+00	0.00E+00	8.60E-06
4402	ALL	657007.7	4186267	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.30E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
4403	ALL	657015.7	4186290	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.31E-06	0.00E+00	5.61E-07	0.00E+00	1.49E-08	8.65E-06	0.00E+00	0.00E+00	8.65E-06
4404	ALL	657023.8	4186314	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.31E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.68E-06	0.00E+00	0.00E+00	8.68E-06
4405	ALL	657031.8	4186337	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.65E-07	0.00E+00	1.50E-08	8.70E-06	0.00E+00	0.00E+00	8.70E-06
4406	ALL	657039.8	4186360	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.32E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
4407	ALL	657047.9	4186383	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
4408	ALL	657055.9	4186407	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.33E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4409	ALL	657063.9	4186430	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.33E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4410	ALL	657072	4186453	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.34E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4411	ALL	657080	4186476	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.34E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
4412	ALL	657088.1	4186500	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.33E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4413	ALL	657096.1	4186523	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.75E-06	0.00E+00	0.00E+00	8.75E-06
4414	ALL	657104.1	4186546	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.73E-06	0.00E+00	0.00E+00	8.73E-06
4415	ALL	657112.2	4186569	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.33E-06	0.00E+00	5.65E-07	0.00E+00	1.51E-08	8.71E-06	0.00E+00	0.00E+00	8.71E-06
4416	ALL	657120.2	4186593	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
4417	ALL	657128.2	4186616	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.32E-06	0.00E+00	5.61E-07	0.00E+00	1.50E-08	8.66E-06	0.00E+00	0.00E+00	8.66E-06
4418	ALL	657136.3	4186639	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.31E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.64E-06	0.00E+00	0.00E+00	8.64E-06
4419	ALL	657144.3	4186662	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.30E-06	0.00E+00	5.58E-07	0.00E+00	1.49E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
4420	ALL	657152.4	4186686	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.30E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.60E-06	0.00E+00	0.00E+00	8.60E-06
4421	ALL	657160.4	4186709	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.29E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
4422	ALL	657168.4	4186732	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.29E-06	0.00E+00	5.54E-07	0.00E+00	1.47E-08	8.56E-06	0.00E+00	0.00E+00	8.56E-06
4423	ALL	657176.5	4186755	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.28E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
4424	ALL	657184.5	4186779	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.28E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.53E-06	0.00E+00	0.00E+00	8.53E-06
4425	ALL	657192.6	4186802	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.27E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
4426	ALL	657200.6	4186825	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.27E-06	0.00E+00	5.50E-07	0.00E+00	1.46E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
4427	ALL	657208.6	4186848	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.26E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.49E-06	0.00E+00	0.00E+00	8.49E-06
4428	ALL	657216.7	4186872	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.26E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
4429	ALL	657224.7	4186895	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.25E-06	0.00E+00	5.47E-07	0.00E+00	1.46E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
4430	ALL	657232.7	4186918	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.25E-06	0.00E+00	5.46E-07	0.00E+00	1.45E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
4431	ALL	657240.8	4186941	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.24E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
4432	ALL	657248.8	4186964	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.24E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
4433	ALL	657256.9	4186988	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.23E-06	0.00E+00	5.43E-07	0.00E+00	1.45E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
4434	ALL	657264.9	4187011	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.23E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
4435	ALL	657272.9	4187034	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
4436	ALL	657281	4187057	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
4437	ALL	657289	4187081	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
4438	ALL	657297	4187104	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4439	ALL	657305.1	4187127	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4440	ALL	657313.1	4187150	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4441	ALL	657321.2	4187174	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.21E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.36E-06	0.00E+00	0.00E+00	8.36E-06
4442	ALL	657329.2	4187197	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4443	ALL	657337.2	4187220	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4444	ALL	657345.3	4187243	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.20E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
4445	ALL	657353.3	4187267	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.34E-06	0.00E+00	0.00E+00	8.34E-06
4446	ALL	657361.3	4187290	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4447	ALL	657369.4	4187313	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.19E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
4448	ALL	657377.4	4187336	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.18E-06	0.00E+00	5.39E-07	0.00E+00	1.44E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
4449	ALL	657385.5	4187360	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.17E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06

4450	ALL	657393.5	4187383	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.17E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.29E-06	0.00E+00	0.00E+00	8.29E-06
4451	ALL	657401.5	4187406	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.16E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.27E-06	0.00E+00	0.00E+00	8.27E-06
4452	ALL	657409.6	4187429	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.15E-06	0.00E+00	5.35E-07	0.00E+00	1.43E-08	8.25E-06	0.00E+00	0.00E+00	8.25E-06
4453	ALL	657417.6	4187453	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.14E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
4454	ALL	657425.6	4187476	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.13E-06	0.00E+00	5.32E-07	0.00E+00	1.42E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
4455	ALL	657433.7	4187499	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.11E-06	0.00E+00	5.30E-07	0.00E+00	1.41E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
4456	ALL	657441.7	4187522	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.10E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.14E-06	0.00E+00	0.00E+00	8.14E-06
4457	ALL	657449.8	4187546	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.09E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.10E-06	0.00E+00	0.00E+00	8.10E-06
4458	ALL	657457.8	4187569	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.07E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
4459	ALL	657465.8	4187592	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.06E-06	0.00E+00	5.20E-07	0.00E+00	1.39E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
4460	ALL	657473.9	4187615	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.04E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	7.97E-06	0.00E+00	0.00E+00	7.97E-06
4461	ALL	657481.9	4187638	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.02E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.91E-06	0.00E+00	0.00E+00	7.91E-06
4462	ALL	657489.9	4187662	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.00E-06	0.00E+00	5.10E-07	0.00E+00	1.36E-08	7.86E-06	0.00E+00	0.00E+00	7.86E-06
4463	ALL	657498	4187685	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	2.99E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.81E-06	0.00E+00	0.00E+00	7.81E-06
4464	ALL	657506	4187708	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	2.97E-06	0.00E+00	5.02E-07	0.00E+00	1.34E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
4465	ALL	657514.1	4187731	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	2.95E-06	0.00E+00	4.99E-07	0.00E+00	1.33E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
4466	ALL	657522.1	4187755	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	2.93E-06	0.00E+00	4.95E-07	0.00E+00	1.32E-08	7.64E-06	0.00E+00	0.00E+00	7.64E-06
4467	ALL	657530.1	4187778	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.91E-06	0.00E+00	4.91E-07	0.00E+00	1.31E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
4468	ALL	657538.2	4187801	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.89E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
4469	ALL	657546.2	4187824	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.87E-06	0.00E+00	4.83E-07	0.00E+00	1.29E-08	7.47E-06	0.00E+00	0.00E+00	7.47E-06
4470	ALL	657554.2	4187848	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.85E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.42E-06	0.00E+00	0.00E+00	7.42E-06
4471	ALL	657562.3	4187871	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.83E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
4472	ALL	657570.3	4187894	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.82E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
4473	ALL	657578.4	4187917	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.80E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.26E-06	0.00E+00	0.00E+00	7.26E-06
4474	ALL	657586.4	4187941	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.78E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.21E-06	0.00E+00	0.00E+00	7.21E-06
4475	ALL	657594.4	4187964	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.76E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
4476	ALL	657602.5	4187987	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
4477	ALL	657610.5	4188010	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.73E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.07E-06	0.00E+00	0.00E+00	7.07E-06
4478	ALL	657618.5	4188034	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.71E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
4479	ALL	657626.6	4188057	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.70E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
4480	ALL	657634.6	4188080	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.68E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
4481	ALL	657642.7	4188103	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.67E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
4482	ALL	657650.7	4188127	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.66E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
4483	ALL	653921.2	4184029	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.59E-09	7.59E-09	7.59E-09	1.73E-06	0.00E+00	2.85E-07	0.00E+00	7.59E-09	4.43E-06	0.00E+00	0.00E+00	4.43E-06
4484	ALL	653896.4	4184028	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.55E-09	7.55E-09	7.55E-09	1.72E-06	0.00E+00	2.84E-07	0.00E+00	7.55E-09	4.41E-06	0.00E+00	0.00E+00	4.41E-06
4485	ALL	653871.6	4184028	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.51E-09	7.51E-09	7.51E-09	1.71E-06	0.00E+00	2.82E-07	0.00E+00	7.51E-09	4.39E-06	0.00E+00	0.00E+00	4.39E-06
4486	ALL	653846.9	4184027	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.47E-09	7.47E-09	7.47E-09	1.71E-06	0.00E+00	2.81E-07	0.00E+00	7.47E-09	4.37E-06	0.00E+00	0.00E+00	4.37E-06
4487	ALL	653822.1	4184026	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.43E-09	7.43E-09	7.43E-09	1.70E-06	0.00E+00	2.79E-07	0.00E+00	7.43E-09	4.35E-06	0.00E+00	0.00E+00	4.35E-06
4488	ALL	653797.3	4184026	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.39E-09	7.39E-09	7.39E-09	1.69E-06	0.00E+00	2.78E-07	0.00E+00	7.39E-09	4.33E-06	0.00E+00	0.00E+00	4.33E-06
4489	ALL	653669.5	4187873	NonCancer	0.00E+00	4.32E-05	0.00E+00	2.87E-06	2.87E-06	2.87E-06	6.47E-04	0.00E+00	1.08E-04	0.00E+00	2.87E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4490	ALL	653667.7	4187915	NonCancer	0.00E+00	7.37E-05	0.00E+00	4.89E-06	4.89E-06	4.89E-06	1.13E-03	0.00E+00	1.84E-04	0.00E+00	4.89E-06	2.86E-03	0.00E+00	0.00E+00	2.86E-03
4491	ALL	653665.9	4187957	NonCancer	0.00E+00	1.35E-04	0.00E+00	8.92E-06	8.92E-06	8.92E-06	2.09E-03	0.00E+00	3.36E-04	0.00E+00	8.92E-06	5.24E-03	0.00E+00	0.00E+00	5.24E-03
4492	ALL	653652.5	4187855	NonCancer	0.00E+00	3.03E-05	0.00E+00	2.01E-06	2.01E-06	2.01E-06	4.67E-04	0.00E+00	7.55E-05	0.00E+00	2.01E-06	1.18E-03	0.00E+00	0.00E+00	1.18E-03
4493	ALL	653643.6	4187893	NonCancer	0.00E+00	4.12E-05	0.00E+00	2.73E-06	2.73E-06	2.73E-06	6.34E-04	0.00E+00	1.03E-04	0.00E+00	2.73E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03
4494	ALL	653641.8	4187935	NonCancer	0.00E+00	6.53E-05	0.00E+00	4.33E-06	4.33E-06	4.33E-06	1.02E-03	0.00E+00	1.63E-04	0.00E+00	4.33E-06	2.55E-03	0.00E+00	0.00E+00	2.55E-03
4495	ALL	653640	4187977	NonCancer	0.00E+00	8.56E-05	0.00E+00	5.67E-06	5.67E-06	5.67E-06	1.64E-03	0.00E+00	2.16E-04	0.00E+00	5.67E-06	3.57E-03	0.00E+00	0.00E+00	3.57E-03
4496	ALL	653627.5	4187854	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	3.79E-04	0.00E+00	6.06E-05	0.00E+00	1.61E-06	9.50E-04	0.00E+00	0.00E+00	9.50E-04
4497	ALL	653661.1	4187813	NonCancer	0.00E+00	2.29E-05	0.00E+00	1.52E-06	1.52E-06	1.52E-06	3.30E-04	0.00E+00	5.70E-05	0.00E+00	1.52E-06	8.74E-04	0.00E+00	0.00E+00	8.74E-04
4498	ALL	653618.6	4187892	NonCancer	0.00E+00	3.22E-05	0.00E+00	2.13E-06	2.13E-06	2.13E-06	4.88E-04	0.00E+00	8.02E-05	0.00E+00	2.13E-06	1.25E-03	0.00E+00	0.00E+00	1.25E-03
4499	ALL	653616.8	4187934	NonCancer	0.00E+00	4.59E-05	0.00E+00	3.05E-06	3.05E-06	3.05E-06	7.36E-04	0.00E+00	1.15E-04	0.00E+00	3.05E-06	1.81E-03	0.00E+00	0.00E+00	1.81E-03

4500	ALL	653615	4187975	NonCancer	0.00E+00	5.71E-05	0.00E+00	3.79E-06	3.79E-06	3.79E-06	1.05E-03	0.00E+00	1.44E-04	0.00E+00	3.79E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
4501	ALL	653602.5	4187853	NonCancer	0.00E+00	2.03E-05	0.00E+00	1.34E-06	1.34E-06	1.34E-06	3.10E-04	0.00E+00	5.05E-05	0.00E+00	1.34E-06	7.88E-04	0.00E+00	0.00E+00	7.88E-04
4502	ALL	653618.4	4187818	NonCancer	0.00E+00	1.75E-05	0.00E+00	1.16E-06	1.16E-06	1.16E-06	2.73E-04	0.00E+00	4.36E-05	0.00E+00	1.16E-06	6.84E-04	0.00E+00	0.00E+00	6.84E-04
4503	ALL	653644	4187794	NonCancer	0.00E+00	1.79E-05	0.00E+00	1.18E-06	1.18E-06	1.18E-06	2.66E-04	0.00E+00	4.45E-05	0.00E+00	1.18E-06	6.88E-04	0.00E+00	0.00E+00	6.88E-04
4504	ALL	653593.7	4187891	NonCancer	0.00E+00	2.56E-05	0.00E+00	1.70E-06	1.70E-06	1.70E-06	3.93E-04	0.00E+00	6.39E-05	0.00E+00	1.70E-06	9.97E-04	0.00E+00	0.00E+00	9.97E-04
4505	ALL	653591.8	4187933	NonCancer	0.00E+00	3.42E-05	0.00E+00	2.27E-06	2.27E-06	2.27E-06	5.53E-04	0.00E+00	8.55E-05	0.00E+00	2.27E-06	1.35E-03	0.00E+00	0.00E+00	1.35E-03
4506	ALL	653590	4187974	NonCancer	0.00E+00	4.11E-05	0.00E+00	2.73E-06	2.73E-06	2.73E-06	7.31E-04	0.00E+00	1.03E-04	0.00E+00	2.73E-06	1.67E-03	0.00E+00	0.00E+00	1.67E-03
4507	ALL	653552.5	4187851	NonCancer	0.00E+00	1.48E-05	0.00E+00	9.85E-07	9.85E-07	9.85E-07	2.25E-04	0.00E+00	3.70E-05	0.00E+00	9.85E-07	5.75E-04	0.00E+00	0.00E+00	5.75E-04
4508	ALL	653568.4	4187816	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.60E-07	8.60E-07	8.60E-07	1.99E-04	0.00E+00	3.23E-05	0.00E+00	8.60E-07	5.04E-04	0.00E+00	0.00E+00	5.04E-04
4509	ALL	653584.3	4187782	NonCancer	0.00E+00	1.15E-05	0.00E+00	7.65E-07	7.65E-07	7.65E-07	1.80E-04	0.00E+00	2.88E-05	0.00E+00	7.65E-07	4.51E-04	0.00E+00	0.00E+00	4.51E-04
4510	ALL	653609.9	4187758	NonCancer	0.00E+00	1.18E-05	0.00E+00	7.80E-07	7.80E-07	7.80E-07	1.80E-04	0.00E+00	2.93E-05	0.00E+00	7.80E-07	4.58E-04	0.00E+00	0.00E+00	4.58E-04
4511	ALL	653645.3	4187744	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.75E-07	8.75E-07	8.75E-07	1.89E-04	0.00E+00	3.28E-05	0.00E+00	8.75E-07	5.02E-04	0.00E+00	0.00E+00	5.02E-04
4512	ALL	653543.7	4187889	NonCancer	0.00E+00	1.73E-05	0.00E+00	1.15E-06	1.15E-06	1.15E-06	2.71E-04	0.00E+00	4.33E-05	0.00E+00	1.15E-06	6.78E-04	0.00E+00	0.00E+00	6.78E-04
4513	ALL	653541.9	4187930	NonCancer	0.00E+00	2.13E-05	0.00E+00	1.41E-06	1.41E-06	1.41E-06	3.45E-04	0.00E+00	5.33E-05	0.00E+00	1.41E-06	8.43E-04	0.00E+00	0.00E+00	8.43E-04
4514	ALL	653540.1	4187972	NonCancer	0.00E+00	2.46E-05	0.00E+00	1.63E-06	1.63E-06	1.63E-06	4.17E-04	0.00E+00	6.16E-05	0.00E+00	1.63E-06	9.86E-04	0.00E+00	0.00E+00	9.86E-04
4515	ALL	653502.6	4187848	NonCancer	0.00E+00	1.12E-05	0.00E+00	7.40E-07	7.40E-07	7.40E-07	1.72E-04	0.00E+00	2.78E-05	0.00E+00	7.40E-07	4.35E-04	0.00E+00	0.00E+00	4.35E-04
4516	ALL	653518.5	4187814	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.80E-07	6.80E-07	6.80E-07	1.54E-04	0.00E+00	2.55E-05	0.00E+00	6.80E-07	3.96E-04	0.00E+00	0.00E+00	3.96E-04
4517	ALL	653534.3	4187780	NonCancer	0.00E+00	9.11E-06	0.00E+00	6.04E-07	6.04E-07	6.04E-07	1.39E-04	0.00E+00	2.27E-05	0.00E+00	6.04E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
4518	ALL	653550.2	4187745	NonCancer	0.00E+00	8.28E-06	0.00E+00	5.49E-07	5.49E-07	5.49E-07	1.29E-04	0.00E+00	2.07E-05	0.00E+00	5.49E-07	3.23E-04	0.00E+00	0.00E+00	3.23E-04
4519	ALL	653575.8	4187721	NonCancer	0.00E+00	8.39E-06	0.00E+00	5.57E-07	5.57E-07	5.57E-07	1.30E-04	0.00E+00	2.09E-05	0.00E+00	5.57E-07	3.28E-04	0.00E+00	0.00E+00	3.28E-04
4520	ALL	653611.2	4187708	NonCancer	0.00E+00	9.35E-06	0.00E+00	6.20E-07	6.20E-07	6.20E-07	1.39E-04	0.00E+00	2.33E-05	0.00E+00	6.20E-07	3.61E-04	0.00E+00	0.00E+00	3.61E-04
4521	ALL	653646.7	4187694	NonCancer	0.00E+00	1.00E-05	0.00E+00	6.64E-07	6.64E-07	6.64E-07	1.41E-04	0.00E+00	2.49E-05	0.00E+00	6.64E-07	3.79E-04	0.00E+00	0.00E+00	3.79E-04
4522	ALL	653493.8	4187886	NonCancer	0.00E+00	1.26E-05	0.00E+00	8.34E-07	8.34E-07	8.34E-07	1.97E-04	0.00E+00	3.14E-05	0.00E+00	8.34E-07	4.93E-04	0.00E+00	0.00E+00	4.93E-04
4523	ALL	653491.9	4187928	NonCancer	0.00E+00	1.47E-05	0.00E+00	9.77E-07	9.77E-07	9.77E-07	2.37E-04	0.00E+00	3.68E-05	0.00E+00	9.77E-07	5.81E-04	0.00E+00	0.00E+00	5.81E-04
4524	ALL	653490.1	4187970	NonCancer	0.00E+00	1.66E-05	0.00E+00	1.10E-06	1.10E-06	1.10E-06	2.73E-04	0.00E+00	4.14E-05	0.00E+00	1.10E-06	6.58E-04	0.00E+00	0.00E+00	6.58E-04
4525	ALL	653452.6	4187846	NonCancer	0.00E+00	8.67E-06	0.00E+00	5.75E-07	5.75E-07	5.75E-07	1.35E-04	0.00E+00	2.16E-05	0.00E+00	5.75E-07	3.39E-04	0.00E+00	0.00E+00	3.39E-04
4526	ALL	653468.5	4187812	NonCancer	0.00E+00	8.21E-06	0.00E+00	5.45E-07	5.45E-07	5.45E-07	1.25E-04	0.00E+00	2.05E-05	0.00E+00	5.45E-07	3.18E-04	0.00E+00	0.00E+00	3.18E-04
4527	ALL	653484.4	4187777	NonCancer	0.00E+00	7.53E-06	0.00E+00	5.00E-07	5.00E-07	5.00E-07	1.13E-04	0.00E+00	1.88E-05	0.00E+00	5.00E-07	2.91E-04	0.00E+00	0.00E+00	2.91E-04
4528	ALL	653500.2	4187743	NonCancer	0.00E+00	6.80E-06	0.00E+00	4.51E-07	4.51E-07	4.51E-07	1.04E-04	0.00E+00	1.70E-05	0.00E+00	4.51E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
4529	ALL	653516.1	4187709	NonCancer	0.00E+00	6.27E-06	0.00E+00	4.16E-07	4.16E-07	4.16E-07	9.70E-05	0.00E+00	1.56E-05	0.00E+00	4.16E-07	2.45E-04	0.00E+00	0.00E+00	2.45E-04
4530	ALL	653541.7	4187685	NonCancer	0.00E+00	6.34E-06	0.00E+00	4.20E-07	4.20E-07	4.20E-07	9.83E-05	0.00E+00	1.58E-05	0.00E+00	4.20E-07	2.47E-04	0.00E+00	0.00E+00	2.47E-04
4531	ALL	653577.2	4187671	NonCancer	0.00E+00	6.97E-06	0.00E+00	4.62E-07	4.62E-07	4.62E-07	1.06E-04	0.00E+00	1.74E-05	0.00E+00	4.62E-07	2.70E-04	0.00E+00	0.00E+00	2.70E-04
4532	ALL	653612.6	4187658	NonCancer	0.00E+00	7.58E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.10E-04	0.00E+00	1.89E-05	0.00E+00	5.03E-07	2.90E-04	0.00E+00	0.00E+00	2.90E-04
4533	ALL	653648	4187645	NonCancer	0.00E+00	7.77E-06	0.00E+00	5.16E-07	5.16E-07	5.16E-07	1.09E-04	0.00E+00	1.93E-05	0.00E+00	5.16E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
4534	ALL	653443.8	4187884	NonCancer	0.00E+00	9.58E-06	0.00E+00	6.35E-07	6.35E-07	6.35E-07	1.50E-04	0.00E+00	2.39E-05	0.00E+00	6.35E-07	3.75E-04	0.00E+00	0.00E+00	3.75E-04
4535	ALL	653442	4187926	NonCancer	0.00E+00	1.09E-05	0.00E+00	7.22E-07	7.22E-07	7.22E-07	1.73E-04	0.00E+00	2.72E-05	0.00E+00	7.22E-07	4.28E-04	0.00E+00	0.00E+00	4.28E-04
4536	ALL	653440.2	4187968	NonCancer	0.00E+00	1.20E-05	0.00E+00	7.97E-07	7.97E-07	7.97E-07	1.95E-04	0.00E+00	3.00E-05	0.00E+00	7.97E-07	4.75E-04	0.00E+00	0.00E+00	4.75E-04
4537	ALL	653403.4	4187842	NonCancer	0.00E+00	6.95E-06	0.00E+00	4.61E-07	4.61E-07	4.61E-07	1.08E-04	0.00E+00	1.74E-05	0.00E+00	4.61E-07	2.72E-04	0.00E+00	0.00E+00	2.72E-04
4538	ALL	653420.7	4187805	NonCancer	0.00E+00	6.61E-06	0.00E+00	4.39E-07	4.39E-07	4.39E-07	1.01E-04	0.00E+00	1.65E-05	0.00E+00	4.39E-07	2.57E-04	0.00E+00	0.00E+00	2.57E-04
4539	ALL	653438	4187767	NonCancer	0.00E+00	6.20E-06	0.00E+00	4.11E-07	4.11E-07	4.11E-07	9.33E-05	0.00E+00	1.54E-05	0.00E+00	4.11E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
4540	ALL	653455.3	4187730	NonCancer	0.00E+00	5.62E-06	0.00E+00	3.73E-07	3.73E-07	3.73E-07	8.51E-05	0.00E+00	1.40E-05	0.00E+00	3.73E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
4541	ALL	653472.6	4187692	NonCancer	0.00E+00	5.15E-06	0.00E+00	3.41E-07	3.41E-07	3.41E-07	7.89E-05	0.00E+00	1.28E-05	0.00E+00	3.41E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
4542	ALL	653509.2	4187648	NonCancer	0.00E+00	5.00E-06	0.00E+00	3.32E-07	3.32E-07	3.32E-07	7.74E-05	0.00E+00	1.25E-05	0.00E+00	3.32E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
4543	ALL	653547.9	4187633	NonCancer	0.00E+00	5.47E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	8.37E-05	0.00E+00	1.36E-05	0.00E+00	3.63E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
4544	ALL	653586.5	4187618	NonCancer	0.00E+00	5.98E-06	0.00E+00	3.97E-07	3.97E-07	3.97E-07	8.83E-05	0.00E+00	1.49E-05	0.00E+00	3.97E-07	2.30E-04	0.00E+00	0.00E+00	2.30E-04
4545	ALL	653625.2	4187604	NonCancer	0.00E+00	6.24E-06	0.00E+00	4.14E-07	4.14E-07	4.14E-07	8.85E-05	0.00E+00	1.55E-05	0.00E+00	4.14E-07	2.37E-04	0.00E+00	0.00E+00	2.37E-04
4546	ALL	653663.8	4187589	NonCancer	0.00E+00	6.07E-06	0.00E+00	4.03E-07	4.03E-07	4.03E-07	8.44E-05	0.00E+00	1.51E-05	0.00E+00	4.03E-07	2.29E-04	0.00E+00	0.00E+00	2.29E-04
4547	ALL	653393.8	4187882	NonCancer	0.00E+00	7.56E-06	0.00E+00	5.01E-07	5.01E-07	5.01E-07	1.18E-04	0.00E+00	1.89E-05	0.00E+00	5.01E-07	2.96E-04	0.00E+00	0.00E+00	2.96E-04
4548	ALL	653392	4187924	NonCancer	0.00E+00	8.42E-06	0.00E+00	5.58E-07	5.58E-07	5.58E-07	1.33E-04	0.00E+00	2.10E-05	0.00E+00	5.58E-07	3.31E-04	0.00E+00	0.00E+00	3.31E-04
4549	ALL	653390.2	4187966	NonCancer	0.00E+00	9.17E-06	0.00E+00	6.08E-07	6.08E-07	6.08E-07	1.47E-04	0.00E+00	2.29E-05	0.00E+00	6.08E-07	3.61E-04	0.00E+00	0.00E+00	3.61E-04

4550	ALL	653353.3	4187841	NonCancer	0.00E+00	5.74E-06	0.00E+00	3.81E-07	3.81E-07	3.81E-07	8.89E-05	0.00E+00	1.43E-05	0.00E+00	3.81E-07	2.24E-04	0.00E+00	0.00E+00	2.24E-04
4551	ALL	653370.4	4187804	NonCancer	0.00E+00	5.47E-06	0.00E+00	3.63E-07	3.63E-07	3.63E-07	8.46E-05	0.00E+00	1.37E-05	0.00E+00	3.63E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
4552	ALL	653387.5	4187766	NonCancer	0.00E+00	5.25E-06	0.00E+00	3.48E-07	3.48E-07	3.48E-07	7.97E-05	0.00E+00	1.31E-05	0.00E+00	3.48E-07	2.04E-04	0.00E+00	0.00E+00	2.04E-04
4553	ALL	653404.6	4187729	NonCancer	0.00E+00	4.90E-06	0.00E+00	3.25E-07	3.25E-07	3.25E-07	7.36E-05	0.00E+00	1.22E-05	0.00E+00	3.25E-07	1.89E-04	0.00E+00	0.00E+00	1.89E-04
4554	ALL	653421.7	4187692	NonCancer	0.00E+00	4.49E-06	0.00E+00	2.98E-07	2.98E-07	2.98E-07	6.79E-05	0.00E+00	1.12E-05	0.00E+00	2.98E-07	1.74E-04	0.00E+00	0.00E+00	1.74E-04
4555	ALL	653438.8	4187655	NonCancer	0.00E+00	4.16E-06	0.00E+00	2.76E-07	2.76E-07	2.76E-07	6.36E-05	0.00E+00	1.04E-05	0.00E+00	2.76E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
4556	ALL	653474.9	4187611	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.68E-07	2.68E-07	2.68E-07	6.26E-05	0.00E+00	1.01E-05	0.00E+00	2.68E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
4557	ALL	653513.1	4187597	NonCancer	0.00E+00	4.37E-06	0.00E+00	2.90E-07	2.90E-07	2.90E-07	6.73E-05	0.00E+00	1.09E-05	0.00E+00	2.90E-07	1.70E-04	0.00E+00	0.00E+00	1.70E-04
4558	ALL	653551.2	4187582	NonCancer	0.00E+00	4.75E-06	0.00E+00	3.15E-07	3.15E-07	3.15E-07	7.15E-05	0.00E+00	1.18E-05	0.00E+00	3.15E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
4559	ALL	653589.4	4187568	NonCancer	0.00E+00	5.07E-06	0.00E+00	3.36E-07	3.36E-07	3.36E-07	7.36E-05	0.00E+00	1.26E-05	0.00E+00	3.36E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
4560	ALL	653627.5	4187553	NonCancer	0.00E+00	5.12E-06	0.00E+00	3.40E-07	3.40E-07	3.40E-07	7.24E-05	0.00E+00	1.27E-05	0.00E+00	3.40E-07	1.94E-04	0.00E+00	0.00E+00	1.94E-04
4561	ALL	653665.7	4187539	NonCancer	0.00E+00	4.91E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	6.88E-05	0.00E+00	1.22E-05	0.00E+00	3.26E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
4562	ALL	653343.9	4187880	NonCancer	0.00E+00	6.13E-06	0.00E+00	4.07E-07	4.07E-07	4.07E-07	9.59E-05	0.00E+00	1.53E-05	0.00E+00	4.07E-07	2.40E-04	0.00E+00	0.00E+00	2.40E-04
4563	ALL	653342.1	4187922	NonCancer	0.00E+00	6.74E-06	0.00E+00	4.47E-07	4.47E-07	4.47E-07	1.06E-04	0.00E+00	1.68E-05	0.00E+00	4.47E-07	2.64E-04	0.00E+00	0.00E+00	2.64E-04
4564	ALL	653340.3	4187963	NonCancer	0.00E+00	7.27E-06	0.00E+00	4.82E-07	4.82E-07	4.82E-07	1.15E-04	0.00E+00	1.82E-05	0.00E+00	4.82E-07	2.85E-04	0.00E+00	0.00E+00	2.85E-04
4565	ALL	653253.3	4187837	NonCancer	0.00E+00	4.11E-06	0.00E+00	2.73E-07	2.73E-07	2.73E-07	6.36E-05	0.00E+00	1.03E-05	0.00E+00	2.73E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
4566	ALL	653270.1	4187800	NonCancer	0.00E+00	3.97E-06	0.00E+00	2.64E-07	2.64E-07	2.64E-07	6.13E-05	0.00E+00	9.92E-06	0.00E+00	2.64E-07	1.55E-04	0.00E+00	0.00E+00	1.55E-04
4567	ALL	653286.9	4187764	NonCancer	0.00E+00	3.83E-06	0.00E+00	2.54E-07	2.54E-07	2.54E-07	5.89E-05	0.00E+00	9.55E-06	0.00E+00	2.54E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
4568	ALL	653303.7	4187727	NonCancer	0.00E+00	3.71E-06	0.00E+00	2.46E-07	2.46E-07	2.46E-07	5.64E-05	0.00E+00	9.26E-06	0.00E+00	2.46E-07	1.44E-04	0.00E+00	0.00E+00	1.44E-04
4569	ALL	653320.5	4187691	NonCancer	0.00E+00	3.54E-06	0.00E+00	2.35E-07	2.35E-07	2.35E-07	5.32E-05	0.00E+00	8.81E-06	0.00E+00	2.35E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
4570	ALL	653337.3	4187654	NonCancer	0.00E+00	3.30E-06	0.00E+00	2.19E-07	2.19E-07	2.19E-07	4.97E-05	0.00E+00	8.23E-06	0.00E+00	2.19E-07	1.28E-04	0.00E+00	0.00E+00	1.28E-04
4571	ALL	653354.1	4187618	NonCancer	0.00E+00	3.08E-06	0.00E+00	2.04E-07	2.04E-07	2.04E-07	4.67E-05	0.00E+00	7.68E-06	0.00E+00	2.04E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
4572	ALL	653370.9	4187582	NonCancer	0.00E+00	2.91E-06	0.00E+00	1.93E-07	1.93E-07	1.93E-07	4.43E-05	0.00E+00	7.25E-06	0.00E+00	1.93E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
4573	ALL	653406.4	4187538	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.37E-05	0.00E+00	7.08E-06	0.00E+00	1.88E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
4574	ALL	653443.9	4187524	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.64E-05	0.00E+00	7.52E-06	0.00E+00	2.00E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
4575	ALL	653481.4	4187510	NonCancer	0.00E+00	3.21E-06	0.00E+00	2.13E-07	2.13E-07	2.13E-07	4.92E-05	0.00E+00	8.01E-06	0.00E+00	2.13E-07	1.25E-04	0.00E+00	0.00E+00	1.25E-04
4576	ALL	653518.9	4187495	NonCancer	0.00E+00	3.45E-06	0.00E+00	2.29E-07	2.29E-07	2.29E-07	5.17E-05	0.00E+00	8.59E-06	0.00E+00	2.29E-07	1.33E-04	0.00E+00	0.00E+00	1.33E-04
4577	ALL	653556.4	4187481	NonCancer	0.00E+00	3.63E-06	0.00E+00	2.41E-07	2.41E-07	2.41E-07	5.31E-05	0.00E+00	9.04E-06	0.00E+00	2.41E-07	1.39E-04	0.00E+00	0.00E+00	1.39E-04
4578	ALL	653594	4187467	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.28E-05	0.00E+00	9.15E-06	0.00E+00	2.44E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
4579	ALL	653631.5	4187453	NonCancer	0.00E+00	3.59E-06	0.00E+00	2.38E-07	2.38E-07	2.38E-07	5.10E-05	0.00E+00	8.93E-06	0.00E+00	2.38E-07	1.37E-04	0.00E+00	0.00E+00	1.37E-04
4580	ALL	653669	4187439	NonCancer	0.00E+00	3.42E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	4.85E-05	0.00E+00	8.51E-06	0.00E+00	2.27E-07	1.30E-04	0.00E+00	0.00E+00	1.30E-04
4581	ALL	653244	4187876	NonCancer	0.00E+00	4.31E-06	0.00E+00	2.86E-07	2.86E-07	2.86E-07	6.71E-05	0.00E+00	1.07E-05	0.00E+00	2.86E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
4582	ALL	653242.2	4187917	NonCancer	0.00E+00	4.65E-06	0.00E+00	3.08E-07	3.08E-07	3.08E-07	7.25E-05	0.00E+00	1.16E-05	0.00E+00	3.08E-07	1.82E-04	0.00E+00	0.00E+00	1.82E-04
4583	ALL	653240.4	4187959	NonCancer	0.00E+00	4.94E-06	0.00E+00	3.27E-07	3.27E-07	3.27E-07	7.73E-05	0.00E+00	1.23E-05	0.00E+00	3.27E-07	1.93E-04	0.00E+00	0.00E+00	1.93E-04
4584	ALL	653153.7	4187831	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.79E-05	0.00E+00	7.73E-06	0.00E+00	2.05E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
4585	ALL	653171.2	4187794	NonCancer	0.00E+00	3.04E-06	0.00E+00	2.01E-07	2.01E-07	2.01E-07	4.66E-05	0.00E+00	7.57E-06	0.00E+00	2.01E-07	1.18E-04	0.00E+00	0.00E+00	1.18E-04
4586	ALL	653188.6	4187756	NonCancer	0.00E+00	2.93E-06	0.00E+00	1.94E-07	1.94E-07	1.94E-07	4.51E-05	0.00E+00	7.30E-06	0.00E+00	1.94E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
4587	ALL	653206.1	4187718	NonCancer	0.00E+00	2.84E-06	0.00E+00	1.89E-07	1.89E-07	1.89E-07	4.36E-05	0.00E+00	7.09E-06	0.00E+00	1.89E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
4588	ALL	653223.5	4187680	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.20E-05	0.00E+00	6.91E-06	0.00E+00	1.84E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
4589	ALL	653241	4187642	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	3.99E-05	0.00E+00	6.61E-06	0.00E+00	1.76E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4590	ALL	653258.4	4187604	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.76E-05	0.00E+00	6.24E-06	0.00E+00	1.66E-07	9.68E-05	0.00E+00	0.00E+00	9.68E-05
4591	ALL	653275.8	4187567	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.55E-05	0.00E+00	5.85E-06	0.00E+00	1.56E-07	9.10E-05	0.00E+00	0.00E+00	9.10E-05
4592	ALL	653293.3	4187529	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.38E-05	0.00E+00	5.54E-06	0.00E+00	1.48E-07	8.63E-05	0.00E+00	0.00E+00	8.63E-05
4593	ALL	653310.7	4187491	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.24E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.24E-05	0.00E+00	0.00E+00	8.24E-05
4594	ALL	653339	4187465	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.26E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.26E-05	0.00E+00	0.00E+00	8.26E-05
4595	ALL	653377.9	4187450	NonCancer	0.00E+00	2.24E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.43E-05	0.00E+00	5.58E-06	0.00E+00	1.48E-07	8.70E-05	0.00E+00	0.00E+00	8.70E-05
4596	ALL	653416.9	4187435	NonCancer	0.00E+00	2.36E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.62E-05	0.00E+00	5.88E-06	0.00E+00	1.56E-07	9.18E-05	0.00E+00	0.00E+00	9.18E-05
4597	ALL	653455.9	4187420	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.81E-05	0.00E+00	6.25E-06	0.00E+00	1.66E-07	9.73E-05	0.00E+00	0.00E+00	9.73E-05
4598	ALL	653494.8	4187406	NonCancer	0.00E+00	2.67E-06	0.00E+00	1.77E-07	1.77E-07	1.77E-07	3.97E-05	0.00E+00	6.64E-06	0.00E+00	1.77E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4599	ALL	653533.8	4187391	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.05E-05	0.00E+00	6.90E-06	0.00E+00	1.84E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04

4600	ALL	653572.8	4187376	NonCancer	0.00E+00	2.79E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.02E-05	0.00E+00	6.93E-06	0.00E+00	1.85E-07	1.06E-04	0.00E+00	0.00E+00	1.06E-04
4601	ALL	653611.7	4187361	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.81E-07	1.81E-07	1.81E-07	3.90E-05	0.00E+00	6.77E-06	0.00E+00	1.81E-07	1.04E-04	0.00E+00	0.00E+00	1.04E-04
4602	ALL	653650.7	4187347	NonCancer	0.00E+00	2.61E-06	0.00E+00	1.73E-07	1.73E-07	1.73E-07	3.73E-05	0.00E+00	6.50E-06	0.00E+00	1.73E-07	9.95E-05	0.00E+00	0.00E+00	9.95E-05
4603	ALL	653144.1	4187871	NonCancer	0.00E+00	3.22E-06	0.00E+00	2.14E-07	2.14E-07	2.14E-07	5.00E-05	0.00E+00	8.04E-06	0.00E+00	2.14E-07	1.26E-04	0.00E+00	0.00E+00	1.26E-04
4604	ALL	653142.3	4187913	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.27E-07	2.27E-07	2.27E-07	5.32E-05	0.00E+00	8.56E-06	0.00E+00	2.27E-07	1.34E-04	0.00E+00	0.00E+00	1.34E-04
4605	ALL	653140.4	4187955	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.61E-05	0.00E+00	9.00E-06	0.00E+00	2.39E-07	1.41E-04	0.00E+00	0.00E+00	1.41E-04
4606	ALL	653053.7	4187827	NonCancer	0.00E+00	2.43E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.75E-05	0.00E+00	6.06E-06	0.00E+00	1.61E-07	9.47E-05	0.00E+00	0.00E+00	9.47E-05
4607	ALL	653070.9	4187790	NonCancer	0.00E+00	2.40E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.69E-05	0.00E+00	5.99E-06	0.00E+00	1.59E-07	9.34E-05	0.00E+00	0.00E+00	9.34E-05
4608	ALL	653088	4187753	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.59E-05	0.00E+00	5.85E-06	0.00E+00	1.56E-07	9.12E-05	0.00E+00	0.00E+00	9.12E-05
4609	ALL	653105.2	4187716	NonCancer	0.00E+00	2.27E-06	0.00E+00	1.51E-07	1.51E-07	1.51E-07	3.49E-05	0.00E+00	5.66E-06	0.00E+00	1.51E-07	8.84E-05	0.00E+00	0.00E+00	8.84E-05
4610	ALL	653122.4	4187678	NonCancer	0.00E+00	2.22E-06	0.00E+00	1.47E-07	1.47E-07	1.47E-07	3.40E-05	0.00E+00	5.53E-06	0.00E+00	1.47E-07	8.63E-05	0.00E+00	0.00E+00	8.63E-05
4611	ALL	653139.6	4187641	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.30E-05	0.00E+00	5.42E-06	0.00E+00	1.44E-07	8.43E-05	0.00E+00	0.00E+00	8.43E-05
4612	ALL	653156.8	4187604	NonCancer	0.00E+00	2.10E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.17E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.14E-05	0.00E+00	0.00E+00	8.14E-05
4613	ALL	653174	4187567	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.02E-05	0.00E+00	5.00E-06	0.00E+00	1.33E-07	7.76E-05	0.00E+00	0.00E+00	7.76E-05
4614	ALL	653191.1	4187529	NonCancer	0.00E+00	1.90E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.86E-05	0.00E+00	4.74E-06	0.00E+00	1.26E-07	7.36E-05	0.00E+00	0.00E+00	7.36E-05
4615	ALL	653208.3	4187492	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.73E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	6.99E-05	0.00E+00	0.00E+00	6.99E-05
4616	ALL	653225.5	4187455	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.62E-05	0.00E+00	4.30E-06	0.00E+00	1.14E-07	6.69E-05	0.00E+00	0.00E+00	6.69E-05
4617	ALL	653242.7	4187417	NonCancer	0.00E+00	1.66E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.53E-05	0.00E+00	4.13E-06	0.00E+00	1.10E-07	6.44E-05	0.00E+00	0.00E+00	6.44E-05
4618	ALL	653270.5	4187392	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.53E-05	0.00E+00	4.13E-06	0.00E+00	1.10E-07	6.44E-05	0.00E+00	0.00E+00	6.44E-05
4619	ALL	653308.9	4187377	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.15E-07	1.15E-07	1.15E-07	2.65E-05	0.00E+00	4.31E-06	0.00E+00	1.15E-07	6.73E-05	0.00E+00	0.00E+00	6.73E-05
4620	ALL	653347.2	4187363	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.78E-05	0.00E+00	4.51E-06	0.00E+00	1.20E-07	7.04E-05	0.00E+00	0.00E+00	7.04E-05
4621	ALL	653385.6	4187348	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.26E-07	1.26E-07	1.26E-07	2.91E-05	0.00E+00	4.73E-06	0.00E+00	1.26E-07	7.38E-05	0.00E+00	0.00E+00	7.38E-05
4622	ALL	653424	4187333	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.04E-05	0.00E+00	5.00E-06	0.00E+00	1.33E-07	7.77E-05	0.00E+00	0.00E+00	7.77E-05
4623	ALL	653462.4	4187319	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.14E-05	0.00E+00	5.26E-06	0.00E+00	1.40E-07	8.14E-05	0.00E+00	0.00E+00	8.14E-05
4624	ALL	653500.7	4187304	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.45E-07	1.45E-07	1.45E-07	3.20E-05	0.00E+00	5.43E-06	0.00E+00	1.45E-07	8.38E-05	0.00E+00	0.00E+00	8.38E-05
4625	ALL	653539.1	4187290	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.19E-05	0.00E+00	5.48E-06	0.00E+00	1.46E-07	8.43E-05	0.00E+00	0.00E+00	8.43E-05
4626	ALL	653577.5	4187275	NonCancer	0.00E+00	2.17E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.13E-05	0.00E+00	5.40E-06	0.00E+00	1.44E-07	8.29E-05	0.00E+00	0.00E+00	8.29E-05
4627	ALL	653615.9	4187261	NonCancer	0.00E+00	2.11E-06	0.00E+00	1.40E-07	1.40E-07	1.40E-07	3.02E-05	0.00E+00	5.24E-06	0.00E+00	1.40E-07	8.04E-05	0.00E+00	0.00E+00	8.04E-05
4628	ALL	653654.3	4187246	NonCancer	0.00E+00	2.02E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	2.90E-05	0.00E+00	5.02E-06	0.00E+00	1.34E-07	7.70E-05	0.00E+00	0.00E+00	7.70E-05
4629	ALL	653044.2	4187867	NonCancer	0.00E+00	2.52E-06	0.00E+00	1.67E-07	1.67E-07	1.67E-07	3.89E-05	0.00E+00	6.28E-06	0.00E+00	1.67E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
4630	ALL	653042.4	4187909	NonCancer	0.00E+00	2.65E-06	0.00E+00	1.76E-07	1.76E-07	1.76E-07	4.10E-05	0.00E+00	6.62E-06	0.00E+00	1.76E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
4631	ALL	653040.5	4187950	NonCancer	0.00E+00	2.77E-06	0.00E+00	1.84E-07	1.84E-07	1.84E-07	4.29E-05	0.00E+00	6.91E-06	0.00E+00	1.84E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
4632	ALL	652953.7	4187823	NonCancer	0.00E+00	1.97E-06	0.00E+00	1.30E-07	1.30E-07	1.30E-07	3.03E-05	0.00E+00	4.91E-06	0.00E+00	1.30E-07	7.67E-05	0.00E+00	0.00E+00	7.67E-05
4633	ALL	652970.7	4187786	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	2.99E-05	0.00E+00	4.85E-06	0.00E+00	1.29E-07	7.58E-05	0.00E+00	0.00E+00	7.58E-05
4634	ALL	652987.7	4187750	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.94E-05	0.00E+00	4.80E-06	0.00E+00	1.28E-07	7.47E-05	0.00E+00	0.00E+00	7.47E-05
4635	ALL	653004.7	4187713	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.87E-05	0.00E+00	4.67E-06	0.00E+00	1.24E-07	7.29E-05	0.00E+00	0.00E+00	7.29E-05
4636	ALL	653021.7	4187676	NonCancer	0.00E+00	1.82E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.80E-05	0.00E+00	4.54E-06	0.00E+00	1.21E-07	7.09E-05	0.00E+00	0.00E+00	7.09E-05
4637	ALL	653038.7	4187639	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.73E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.95E-05	0.00E+00	0.00E+00	6.95E-05
4638	ALL	653055.6	4187602	NonCancer	0.00E+00	1.76E-06	0.00E+00	1.17E-07	1.17E-07	1.17E-07	2.67E-05	0.00E+00	4.39E-06	0.00E+00	1.17E-07	6.82E-05	0.00E+00	0.00E+00	6.82E-05
4639	ALL	653072.6	4187565	NonCancer	0.00E+00	1.72E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.59E-05	0.00E+00	4.28E-06	0.00E+00	1.14E-07	6.64E-05	0.00E+00	0.00E+00	6.64E-05
4640	ALL	653089.6	4187528	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.10E-07	1.10E-07	1.10E-07	2.48E-05	0.00E+00	4.11E-06	0.00E+00	1.10E-07	6.39E-05	0.00E+00	0.00E+00	6.39E-05
4641	ALL	653106.6	4187492	NonCancer	0.00E+00	1.58E-06	0.00E+00	1.05E-07	1.05E-07	1.05E-07	2.37E-05	0.00E+00	3.93E-06	0.00E+00	1.05E-07	6.10E-05	0.00E+00	0.00E+00	6.10E-05
4642	ALL	653123.6	4187455	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.97E-08	9.97E-08	9.97E-08	2.27E-05	0.00E+00	3.75E-06	0.00E+00	9.97E-08	5.82E-05	0.00E+00	0.00E+00	5.82E-05
4643	ALL	653140.6	4187418	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.55E-08	9.55E-08	9.55E-08	2.18E-05	0.00E+00	3.59E-06	0.00E+00	9.55E-08	5.58E-05	0.00E+00	0.00E+00	5.58E-05
4644	ALL	653157.6	4187381	NonCancer	0.00E+00	1.39E-06	0.00E+00	9.19E-08	9.19E-08	9.19E-08	2.10E-05	0.00E+00	3.46E-06	0.00E+00	9.19E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4645	ALL	653174.6	4187344	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.87E-08	8.87E-08	8.87E-08	2.04E-05	0.00E+00	3.33E-06	0.00E+00	8.87E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
4646	ALL	653202.1	4187318	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.84E-08	8.84E-08	8.84E-08	2.04E-05	0.00E+00	3.32E-06	0.00E+00	8.84E-08	5.18E-05	0.00E+00	0.00E+00	5.18E-05
4647	ALL	653240	4187304	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.18E-08	9.18E-08	9.18E-08	2.12E-05	0.00E+00	3.45E-06	0.00E+00	9.18E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4648	ALL	653278	4187290	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.56E-08	9.56E-08	9.56E-08	2.20E-05	0.00E+00	3.59E-06	0.00E+00	9.56E-08	5.60E-05	0.00E+00	0.00E+00	5.60E-05
4649	ALL	653316	4187275	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.92E-08	9.92E-08	9.92E-08	2.30E-05	0.00E+00	3.73E-06	0.00E+00	9.92E-08	5.82E-05	0.00E+00	0.00E+00	5.82E-05

4650	ALL	653353.9	4187261	NonCancer	0.00E+00	1.56E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.39E-05	0.00E+00	3.90E-06	0.00E+00	1.04E-07	6.08E-05	0.00E+00	0.00E+00	6.08E-05
4651	ALL	653391.9	4187247	NonCancer	0.00E+00	1.65E-06	0.00E+00	1.09E-07	1.09E-07	1.09E-07	2.49E-05	0.00E+00	4.10E-06	0.00E+00	1.09E-07	6.38E-05	0.00E+00	0.00E+00	6.38E-05
4652	ALL	653429.8	4187232	NonCancer	0.00E+00	1.72E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.56E-05	0.00E+00	4.29E-06	0.00E+00	1.14E-07	6.64E-05	0.00E+00	0.00E+00	6.64E-05
4653	ALL	653467.8	4187218	NonCancer	0.00E+00	1.77E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.61E-05	0.00E+00	4.41E-06	0.00E+00	1.18E-07	6.81E-05	0.00E+00	0.00E+00	6.81E-05
4654	ALL	653505.7	4187204	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.61E-05	0.00E+00	4.46E-06	0.00E+00	1.19E-07	6.86E-05	0.00E+00	0.00E+00	6.86E-05
4655	ALL	653543.7	4187189	NonCancer	0.00E+00	1.77E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.57E-05	0.00E+00	4.41E-06	0.00E+00	1.18E-07	6.79E-05	0.00E+00	0.00E+00	6.79E-05
4656	ALL	653581.7	4187175	NonCancer	0.00E+00	1.73E-06	0.00E+00	1.15E-07	1.15E-07	1.15E-07	2.51E-05	0.00E+00	4.32E-06	0.00E+00	1.15E-07	6.63E-05	0.00E+00	0.00E+00	6.63E-05
4657	ALL	653619.6	4187160	NonCancer	0.00E+00	1.68E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.42E-05	0.00E+00	4.19E-06	0.00E+00	1.12E-07	6.43E-05	0.00E+00	0.00E+00	6.43E-05
4658	ALL	653657.6	4187146	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.33E-05	0.00E+00	4.00E-06	0.00E+00	1.07E-07	6.15E-05	0.00E+00	0.00E+00	6.15E-05
4659	ALL	652944.3	4187863	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.12E-05	0.00E+00	5.07E-06	0.00E+00	1.35E-07	7.91E-05	0.00E+00	0.00E+00	7.91E-05
4660	ALL	652942.5	4187904	NonCancer	0.00E+00	2.12E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.27E-05	0.00E+00	5.29E-06	0.00E+00	1.41E-07	8.27E-05	0.00E+00	0.00E+00	8.27E-05
4661	ALL	652940.6	4187946	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.40E-05	0.00E+00	5.50E-06	0.00E+00	1.46E-07	8.59E-05	0.00E+00	0.00E+00	8.59E-05
4662	ALL	652854	4187818	NonCancer	0.00E+00	1.63E-06	0.00E+00	1.08E-07	1.08E-07	1.08E-07	2.51E-05	0.00E+00	4.07E-06	0.00E+00	1.08E-07	6.36E-05	0.00E+00	0.00E+00	6.36E-05
4663	ALL	652871.4	4187781	NonCancer	0.00E+00	1.61E-06	0.00E+00	1.07E-07	1.07E-07	1.07E-07	2.48E-05	0.00E+00	4.02E-06	0.00E+00	1.07E-07	6.28E-05	0.00E+00	0.00E+00	6.28E-05
4664	ALL	652888.8	4187743	NonCancer	0.00E+00	1.60E-06	0.00E+00	1.06E-07	1.06E-07	1.06E-07	2.45E-05	0.00E+00	3.99E-06	0.00E+00	1.06E-07	6.22E-05	0.00E+00	0.00E+00	6.22E-05
4665	ALL	652906.2	4187705	NonCancer	0.00E+00	1.57E-06	0.00E+00	1.04E-07	1.04E-07	1.04E-07	2.40E-05	0.00E+00	3.93E-06	0.00E+00	1.04E-07	6.12E-05	0.00E+00	0.00E+00	6.12E-05
4666	ALL	652923.6	4187668	NonCancer	0.00E+00	1.53E-06	0.00E+00	1.02E-07	1.02E-07	1.02E-07	2.34E-05	0.00E+00	3.82E-06	0.00E+00	1.02E-07	5.96E-05	0.00E+00	0.00E+00	5.96E-05
4667	ALL	652941	4187630	NonCancer	0.00E+00	1.50E-06	0.00E+00	9.92E-08	9.92E-08	9.92E-08	2.29E-05	0.00E+00	3.73E-06	0.00E+00	9.92E-08	5.82E-05	0.00E+00	0.00E+00	5.82E-05
4668	ALL	652958.4	4187592	NonCancer	0.00E+00	1.47E-06	0.00E+00	9.78E-08	9.78E-08	9.78E-08	2.25E-05	0.00E+00	3.68E-06	0.00E+00	9.78E-08	5.73E-05	0.00E+00	0.00E+00	5.73E-05
4669	ALL	652975.7	4187554	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.64E-08	9.64E-08	9.64E-08	2.20E-05	0.00E+00	3.62E-06	0.00E+00	9.64E-08	5.63E-05	0.00E+00	0.00E+00	5.63E-05
4670	ALL	652993.1	4187517	NonCancer	0.00E+00	1.42E-06	0.00E+00	9.41E-08	9.41E-08	9.41E-08	2.14E-05	0.00E+00	3.54E-06	0.00E+00	9.41E-08	5.49E-05	0.00E+00	0.00E+00	5.49E-05
4671	ALL	653010.5	4187479	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.08E-08	9.08E-08	9.08E-08	2.06E-05	0.00E+00	3.41E-06	0.00E+00	9.08E-08	5.30E-05	0.00E+00	0.00E+00	5.30E-05
4672	ALL	653027.9	4187441	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.72E-08	8.72E-08	8.72E-08	1.98E-05	0.00E+00	3.28E-06	0.00E+00	8.72E-08	5.09E-05	0.00E+00	0.00E+00	5.09E-05
4673	ALL	653045.3	4187403	NonCancer	0.00E+00	1.26E-06	0.00E+00	8.34E-08	8.34E-08	8.34E-08	1.90E-05	0.00E+00	3.13E-06	0.00E+00	8.34E-08	4.87E-05	0.00E+00	0.00E+00	4.87E-05
4674	ALL	653062.7	4187366	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.00E-08	8.00E-08	8.00E-08	1.82E-05	0.00E+00	3.00E-06	0.00E+00	8.00E-08	4.67E-05	0.00E+00	0.00E+00	4.67E-05
4675	ALL	653080.1	4187328	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.71E-08	7.71E-08	7.71E-08	1.76E-05	0.00E+00	2.90E-06	0.00E+00	7.71E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
4676	ALL	653097.5	4187290	NonCancer	0.00E+00	1.12E-06	0.00E+00	7.46E-08	7.46E-08	7.46E-08	1.71E-05	0.00E+00	2.80E-06	0.00E+00	7.46E-08	4.36E-05	0.00E+00	0.00E+00	4.36E-05
4677	ALL	653134.3	4187245	NonCancer	0.00E+00	1.10E-06	0.00E+00	7.31E-08	7.31E-08	7.31E-08	1.68E-05	0.00E+00	2.75E-06	0.00E+00	7.31E-08	4.28E-05	0.00E+00	0.00E+00	4.28E-05
4678	ALL	653173.2	4187230	NonCancer	0.00E+00	1.14E-06	0.00E+00	7.55E-08	7.55E-08	7.55E-08	1.74E-05	0.00E+00	2.84E-06	0.00E+00	7.55E-08	4.43E-05	0.00E+00	0.00E+00	4.43E-05
4679	ALL	653212.1	4187216	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.85E-08	7.85E-08	7.85E-08	1.80E-05	0.00E+00	2.95E-06	0.00E+00	7.85E-08	4.60E-05	0.00E+00	0.00E+00	4.60E-05
4680	ALL	653250.9	4187201	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.12E-08	8.12E-08	8.12E-08	1.87E-05	0.00E+00	3.05E-06	0.00E+00	8.12E-08	4.76E-05	0.00E+00	0.00E+00	4.76E-05
4681	ALL	653289.8	4187186	NonCancer	0.00E+00	1.27E-06	0.00E+00	8.41E-08	8.41E-08	8.41E-08	1.94E-05	0.00E+00	3.16E-06	0.00E+00	8.41E-08	4.93E-05	0.00E+00	0.00E+00	4.93E-05
4682	ALL	653328.6	4187172	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.80E-08	8.80E-08	8.80E-08	2.02E-05	0.00E+00	3.31E-06	0.00E+00	8.80E-08	5.15E-05	0.00E+00	0.00E+00	5.15E-05
4683	ALL	653367.5	4187157	NonCancer	0.00E+00	1.39E-06	0.00E+00	9.24E-08	9.24E-08	9.24E-08	2.09E-05	0.00E+00	3.47E-06	0.00E+00	9.24E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
4684	ALL	653406.3	4187142	NonCancer	0.00E+00	1.45E-06	0.00E+00	9.59E-08	9.59E-08	9.59E-08	2.14E-05	0.00E+00	3.60E-06	0.00E+00	9.59E-08	5.57E-05	0.00E+00	0.00E+00	5.57E-05
4685	ALL	653445.2	4187128	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.81E-08	9.81E-08	9.81E-08	2.17E-05	0.00E+00	3.68E-06	0.00E+00	9.81E-08	5.68E-05	0.00E+00	0.00E+00	5.68E-05
4686	ALL	653484	4187113	NonCancer	0.00E+00	1.49E-06	0.00E+00	9.88E-08	9.88E-08	9.88E-08	2.17E-05	0.00E+00	3.71E-06	0.00E+00	9.88E-08	5.71E-05	0.00E+00	0.00E+00	5.71E-05
4687	ALL	653522.9	4187098	NonCancer	0.00E+00	1.48E-06	0.00E+00	9.79E-08	9.79E-08	9.79E-08	2.15E-05	0.00E+00	3.67E-06	0.00E+00	9.79E-08	5.65E-05	0.00E+00	0.00E+00	5.65E-05
4688	ALL	653561.8	4187083	NonCancer	0.00E+00	1.44E-06	0.00E+00	9.58E-08	9.58E-08	9.58E-08	2.09E-05	0.00E+00	3.59E-06	0.00E+00	9.58E-08	5.53E-05	0.00E+00	0.00E+00	5.53E-05
4689	ALL	653600.6	4187069	NonCancer	0.00E+00	1.41E-06	0.00E+00	9.33E-08	9.33E-08	9.33E-08	2.03E-05	0.00E+00	3.50E-06	0.00E+00	9.33E-08	5.37E-05	0.00E+00	0.00E+00	5.37E-05
4690	ALL	653639.5	4187054	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.97E-08	8.97E-08	8.97E-08	1.96E-05	0.00E+00	3.36E-06	0.00E+00	8.97E-08	5.17E-05	0.00E+00	0.00E+00	5.17E-05
4691	ALL	653678.3	4187039	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.50E-08	8.50E-08	8.50E-08	1.88E-05	0.00E+00	3.19E-06	0.00E+00	8.50E-08	4.92E-05	0.00E+00	0.00E+00	4.92E-05
4692	ALL	652844.4	4187858	NonCancer	0.00E+00	1.68E-06	0.00E+00	1.11E-07	1.11E-07	1.11E-07	2.58E-05	0.00E+00	4.19E-06	0.00E+00	1.11E-07	6.54E-05	0.00E+00	0.00E+00	6.54E-05
4693	ALL	652842.6	4187900	NonCancer	0.00E+00	1.74E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.68E-05	0.00E+00	4.35E-06	0.00E+00	1.16E-07	6.79E-05	0.00E+00	0.00E+00	6.79E-05
4694	ALL	652840.7	4187942	NonCancer	0.00E+00	1.80E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.77E-05	0.00E+00	4.50E-06	0.00E+00	1.20E-07	7.02E-05	0.00E+00	0.00E+00	7.02E-05
4695	ALL	652604.2	4187807	NonCancer	0.00E+00	1.11E-06	0.00E+00	7.35E-08	7.35E-08	7.35E-08	1.69E-05	0.00E+00	2.76E-06	0.00E+00	7.35E-08	4.30E-05	0.00E+00	0.00E+00	4.30E-05
4696	ALL	652621.7	4187770	NonCancer	0.00E+00	1.09E-06	0.00E+00	7.25E-08	7.25E-08	7.25E-08	1.68E-05	0.00E+00	2.73E-06	0.00E+00	7.25E-08	4.25E-05	0.00E+00	0.00E+00	4.25E-05
4697	ALL	652639.1	4187732	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.18E-08	7.18E-08	7.18E-08	1.66E-05	0.00E+00	2.70E-06	0.00E+00	7.18E-08	4.21E-05	0.00E+00	0.00E+00	4.21E-05
4698	ALL	652656.6	4187694	NonCancer	0.00E+00	1.08E-06	0.00E+00	7.14E-08	7.14E-08	7.14E-08	1.65E-05	0.00E+00	2.69E-06	0.00E+00	7.14E-08	4.19E-05	0.00E+00	0.00E+00	4.19E-05
4699	ALL	652674	4187656	NonCancer	0.00E+00	1.07E-06	0.00E+00	7.09E-08	7.09E-08	7.09E-08	1.62E-05	0.00E+00	2.66E-06	0.00E+00	7.09E-08	4.15E-05	0.00E+00	0.00E+00	4.15E-05

4700	ALL	652691.5	4187618	NonCancer	0.00E+00	1.05E-06	0.00E+00	6.95E-08	6.95E-08	6.95E-08	1.60E-05	0.00E+00	2.61E-06	0.00E+00	6.95E-08	4.07E-05	0.00E+00	0.00E+00	4.07E-05
4701	ALL	652708.9	4187580	NonCancer	0.00E+00	1.02E-06	0.00E+00	6.78E-08	6.78E-08	6.78E-08	1.56E-05	0.00E+00	2.55E-06	0.00E+00	6.78E-08	3.98E-05	0.00E+00	0.00E+00	3.98E-05
4702	ALL	652726.4	4187543	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.67E-08	6.67E-08	6.67E-08	1.54E-05	0.00E+00	2.51E-06	0.00E+00	6.67E-08	3.91E-05	0.00E+00	0.00E+00	3.91E-05
4703	ALL	652743.8	4187505	NonCancer	0.00E+00	9.94E-07	0.00E+00	6.59E-08	6.59E-08	6.59E-08	1.52E-05	0.00E+00	2.48E-06	0.00E+00	6.59E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
4704	ALL	652761.3	4187467	NonCancer	0.00E+00	9.84E-07	0.00E+00	6.53E-08	6.53E-08	6.53E-08	1.49E-05	0.00E+00	2.45E-06	0.00E+00	6.53E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
4705	ALL	652778.7	4187429	NonCancer	0.00E+00	9.72E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.47E-05	0.00E+00	2.42E-06	0.00E+00	6.45E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
4706	ALL	652796.2	4187391	NonCancer	0.00E+00	9.53E-07	0.00E+00	6.32E-08	6.32E-08	6.32E-08	1.43E-05	0.00E+00	2.37E-06	0.00E+00	6.32E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
4707	ALL	652813.6	4187353	NonCancer	0.00E+00	9.25E-07	0.00E+00	6.13E-08	6.13E-08	6.13E-08	1.39E-05	0.00E+00	2.30E-06	0.00E+00	6.13E-08	3.58E-05	0.00E+00	0.00E+00	3.58E-05
4708	ALL	652831.1	4187316	NonCancer	0.00E+00	8.95E-07	0.00E+00	5.94E-08	5.94E-08	5.94E-08	1.35E-05	0.00E+00	2.23E-06	0.00E+00	5.94E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
4709	ALL	652848.5	4187278	NonCancer	0.00E+00	8.65E-07	0.00E+00	5.74E-08	5.74E-08	5.74E-08	1.30E-05	0.00E+00	2.16E-06	0.00E+00	5.74E-08	3.35E-05	0.00E+00	0.00E+00	3.35E-05
4710	ALL	652865.9	4187240	NonCancer	0.00E+00	8.35E-07	0.00E+00	5.54E-08	5.54E-08	5.54E-08	1.26E-05	0.00E+00	2.08E-06	0.00E+00	5.54E-08	3.23E-05	0.00E+00	0.00E+00	3.23E-05
4711	ALL	652883.4	4187202	NonCancer	0.00E+00	8.08E-07	0.00E+00	5.36E-08	5.36E-08	5.36E-08	1.22E-05	0.00E+00	2.01E-06	0.00E+00	5.36E-08	3.13E-05	0.00E+00	0.00E+00	3.13E-05
4712	ALL	652900.8	4187164	NonCancer	0.00E+00	7.85E-07	0.00E+00	5.21E-08	5.21E-08	5.21E-08	1.19E-05	0.00E+00	1.96E-06	0.00E+00	5.21E-08	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4713	ALL	652918.3	4187126	NonCancer	0.00E+00	7.65E-07	0.00E+00	5.07E-08	5.07E-08	5.07E-08	1.16E-05	0.00E+00	1.91E-06	0.00E+00	5.07E-08	2.96E-05	0.00E+00	0.00E+00	2.96E-05
4714	ALL	652935.7	4187089	NonCancer	0.00E+00	7.45E-07	0.00E+00	4.94E-08	4.94E-08	4.94E-08	1.13E-05	0.00E+00	1.86E-06	0.00E+00	4.94E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
4715	ALL	652963.9	4187062	NonCancer	0.00E+00	7.42E-07	0.00E+00	4.92E-08	4.92E-08	4.92E-08	1.13E-05	0.00E+00	1.85E-06	0.00E+00	4.92E-08	2.88E-05	0.00E+00	0.00E+00	2.88E-05
4716	ALL	653002.9	4187048	NonCancer	0.00E+00	7.59E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.95E-05	0.00E+00	0.00E+00	2.95E-05
4717	ALL	653041.9	4187033	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.19E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4718	ALL	653080.9	4187018	NonCancer	0.00E+00	8.07E-07	0.00E+00	5.35E-08	5.35E-08	5.35E-08	1.23E-05	0.00E+00	2.01E-06	0.00E+00	5.35E-08	3.13E-05	0.00E+00	0.00E+00	3.13E-05
4719	ALL	653119.8	4187003	NonCancer	0.00E+00	8.27E-07	0.00E+00	5.49E-08	5.49E-08	5.49E-08	1.26E-05	0.00E+00	2.06E-06	0.00E+00	5.49E-08	3.21E-05	0.00E+00	0.00E+00	3.21E-05
4720	ALL	653158.8	4186989	NonCancer	0.00E+00	8.48E-07	0.00E+00	5.62E-08	5.62E-08	5.62E-08	1.30E-05	0.00E+00	2.11E-06	0.00E+00	5.62E-08	3.30E-05	0.00E+00	0.00E+00	3.30E-05
4721	ALL	653197.8	4186974	NonCancer	0.00E+00	8.77E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.34E-05	0.00E+00	2.19E-06	0.00E+00	5.81E-08	3.41E-05	0.00E+00	0.00E+00	3.41E-05
4722	ALL	653236.7	4186959	NonCancer	0.00E+00	9.14E-07	0.00E+00	6.06E-08	6.06E-08	6.06E-08	1.39E-05	0.00E+00	2.28E-06	0.00E+00	6.06E-08	3.54E-05	0.00E+00	0.00E+00	3.54E-05
4723	ALL	653275.7	4186944	NonCancer	0.00E+00	9.51E-07	0.00E+00	6.31E-08	6.31E-08	6.31E-08	1.43E-05	0.00E+00	2.37E-06	0.00E+00	6.31E-08	3.67E-05	0.00E+00	0.00E+00	3.67E-05
4724	ALL	653314.7	4186930	NonCancer	0.00E+00	9.81E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.46E-05	0.00E+00	2.44E-06	0.00E+00	6.50E-08	3.78E-05	0.00E+00	0.00E+00	3.78E-05
4725	ALL	653353.6	4186915	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.63E-08	6.63E-08	6.63E-08	1.48E-05	0.00E+00	2.49E-06	0.00E+00	6.63E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
4726	ALL	653392.6	4186900	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.71E-08	6.71E-08	6.71E-08	1.49E-05	0.00E+00	2.52E-06	0.00E+00	6.71E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
4727	ALL	653431.6	4186885	NonCancer	0.00E+00	1.01E-06	0.00E+00	6.71E-08	6.71E-08	6.71E-08	1.48E-05	0.00E+00	2.52E-06	0.00E+00	6.71E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
4728	ALL	653470.5	4186871	NonCancer	0.00E+00	1.00E-06	0.00E+00	6.63E-08	6.63E-08	6.63E-08	1.46E-05	0.00E+00	2.49E-06	0.00E+00	6.63E-08	3.84E-05	0.00E+00	0.00E+00	3.84E-05
4729	ALL	653509.5	4186856	NonCancer	0.00E+00	9.83E-07	0.00E+00	6.52E-08	6.52E-08	6.52E-08	1.44E-05	0.00E+00	2.45E-06	0.00E+00	6.52E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
4730	ALL	653548.5	4186841	NonCancer	0.00E+00	9.64E-07	0.00E+00	6.39E-08	6.39E-08	6.39E-08	1.40E-05	0.00E+00	2.40E-06	0.00E+00	6.39E-08	3.69E-05	0.00E+00	0.00E+00	3.69E-05
4731	ALL	653587.5	4186826	NonCancer	0.00E+00	9.41E-07	0.00E+00	6.24E-08	6.24E-08	6.24E-08	1.37E-05	0.00E+00	2.34E-06	0.00E+00	6.24E-08	3.60E-05	0.00E+00	0.00E+00	3.60E-05
4732	ALL	653626.4	4186812	NonCancer	0.00E+00	9.07E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.32E-05	0.00E+00	2.26E-06	0.00E+00	6.01E-08	3.47E-05	0.00E+00	0.00E+00	3.47E-05
4733	ALL	653665.4	4186797	NonCancer	0.00E+00	8.64E-07	0.00E+00	5.73E-08	5.73E-08	5.73E-08	1.28E-05	0.00E+00	2.15E-06	0.00E+00	5.73E-08	3.33E-05	0.00E+00	0.00E+00	3.33E-05
4734	ALL	652594.6	4187847	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.49E-08	7.49E-08	7.49E-08	1.73E-05	0.00E+00	2.81E-06	0.00E+00	7.49E-08	4.39E-05	0.00E+00	0.00E+00	4.39E-05
4735	ALL	652592.8	4187889	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.68E-08	7.68E-08	7.68E-08	1.78E-05	0.00E+00	2.89E-06	0.00E+00	7.68E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
4736	ALL	652591	4187931	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.89E-08	7.89E-08	7.89E-08	1.82E-05	0.00E+00	2.97E-06	0.00E+00	7.89E-08	4.63E-05	0.00E+00	0.00E+00	4.63E-05
4737	ALL	652354.5	4187797	NonCancer	0.00E+00	8.08E-07	0.00E+00	5.36E-08	5.36E-08	5.36E-08	1.23E-05	0.00E+00	2.01E-06	0.00E+00	5.36E-08	3.14E-05	0.00E+00	0.00E+00	3.14E-05
4738	ALL	652372	4187759	NonCancer	0.00E+00	8.01E-07	0.00E+00	5.31E-08	5.31E-08	5.31E-08	1.22E-05	0.00E+00	2.00E-06	0.00E+00	5.31E-08	3.11E-05	0.00E+00	0.00E+00	3.11E-05
4739	ALL	652389.5	4187721	NonCancer	0.00E+00	7.92E-07	0.00E+00	5.25E-08	5.25E-08	5.25E-08	1.21E-05	0.00E+00	1.97E-06	0.00E+00	5.25E-08	3.08E-05	0.00E+00	0.00E+00	3.08E-05
4740	ALL	652406.9	4187683	NonCancer	0.00E+00	7.85E-07	0.00E+00	5.20E-08	5.20E-08	5.20E-08	1.20E-05	0.00E+00	1.96E-06	0.00E+00	5.20E-08	3.05E-05	0.00E+00	0.00E+00	3.05E-05
4741	ALL	652424.4	4187645	NonCancer	0.00E+00	7.82E-07	0.00E+00	5.19E-08	5.19E-08	5.19E-08	1.19E-05	0.00E+00	1.95E-06	0.00E+00	5.19E-08	3.04E-05	0.00E+00	0.00E+00	3.04E-05
4742	ALL	652441.9	4187607	NonCancer	0.00E+00	7.80E-07	0.00E+00	5.17E-08	5.17E-08	5.17E-08	1.18E-05	0.00E+00	1.94E-06	0.00E+00	5.17E-08	3.02E-05	0.00E+00	0.00E+00	3.02E-05
4743	ALL	652459.4	4187569	NonCancer	0.00E+00	7.71E-07	0.00E+00	5.11E-08	5.11E-08	5.11E-08	1.17E-05	0.00E+00	1.92E-06	0.00E+00	5.11E-08	2.99E-05	0.00E+00	0.00E+00	2.99E-05
4744	ALL	652476.9	4187531	NonCancer	0.00E+00	7.55E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
4745	ALL	652494.3	4187493	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.13E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.88E-05	0.00E+00	0.00E+00	2.88E-05
4746	ALL	652511.8	4187455	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.84E-08	4.84E-08	4.84E-08	1.12E-05	0.00E+00	1.82E-06	0.00E+00	4.84E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
4747	ALL	652529.3	4187417	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.80E-08	4.80E-08	4.80E-08	1.10E-05	0.00E+00	1.80E-06	0.00E+00	4.80E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
4748	ALL	652546.8	4187380	NonCancer	0.00E+00	7.18E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.09E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
4749	ALL	652564.2	4187342	NonCancer	0.00E+00	7.12E-07	0.00E+00	4.72E-08	4.72E-08	4.72E-08	1.08E-05	0.00E+00	1.77E-06	0.00E+00	4.72E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05

4750	ALL	652581.7	4187304	NonCancer	0.00E+00	7.04E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.06E-05	0.00E+00	1.76E-06	0.00E+00	4.67E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05
4751	ALL	652599.2	4187266	NonCancer	0.00E+00	6.91E-07	0.00E+00	4.59E-08	4.59E-08	4.59E-08	1.04E-05	0.00E+00	1.72E-06	0.00E+00	4.59E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
4752	ALL	652616.7	4187228	NonCancer	0.00E+00	6.74E-07	0.00E+00	4.47E-08	4.47E-08	4.47E-08	1.01E-05	0.00E+00	1.68E-06	0.00E+00	4.47E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4753	ALL	652634.2	4187190	NonCancer	0.00E+00	6.56E-07	0.00E+00	4.35E-08	4.35E-08	4.35E-08	9.88E-06	0.00E+00	1.63E-06	0.00E+00	4.35E-08	2.54E-05	0.00E+00	0.00E+00	2.54E-05
4754	ALL	652651.6	4187152	NonCancer	0.00E+00	6.38E-07	0.00E+00	4.23E-08	4.23E-08	4.23E-08	9.61E-06	0.00E+00	1.59E-06	0.00E+00	4.23E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
4755	ALL	652669.1	4187114	NonCancer	0.00E+00	6.20E-07	0.00E+00	4.11E-08	4.11E-08	4.11E-08	9.34E-06	0.00E+00	1.54E-06	0.00E+00	4.11E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
4756	ALL	652686.6	4187076	NonCancer	0.00E+00	6.02E-07	0.00E+00	3.99E-08	3.99E-08	3.99E-08	9.08E-06	0.00E+00	1.50E-06	0.00E+00	3.99E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
4757	ALL	652704.1	4187038	NonCancer	0.00E+00	5.86E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.85E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
4758	ALL	652721.6	4187000	NonCancer	0.00E+00	5.72E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.65E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
4759	ALL	652739	4186963	NonCancer	0.00E+00	5.60E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.47E-06	0.00E+00	1.40E-06	0.00E+00	3.71E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
4760	ALL	652756.5	4186925	NonCancer	0.00E+00	5.48E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.30E-06	0.00E+00	1.37E-06	0.00E+00	3.63E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4761	ALL	652793.5	4186879	NonCancer	0.00E+00	5.40E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	8.21E-06	0.00E+00	1.35E-06	0.00E+00	3.58E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4762	ALL	652832.6	4186865	NonCancer	0.00E+00	5.49E-07	0.00E+00	3.64E-08	3.64E-08	3.64E-08	8.37E-06	0.00E+00	1.37E-06	0.00E+00	3.64E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
4763	ALL	652871.6	4186850	NonCancer	0.00E+00	5.61E-07	0.00E+00	3.72E-08	3.72E-08	3.72E-08	8.55E-06	0.00E+00	1.40E-06	0.00E+00	3.72E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
4764	ALL	652910.6	4186835	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.75E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
4765	ALL	652949.7	4186820	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.96E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
4766	ALL	652988.7	4186806	NonCancer	0.00E+00	6.03E-07	0.00E+00	4.00E-08	4.00E-08	4.00E-08	9.17E-06	0.00E+00	1.50E-06	0.00E+00	4.00E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
4767	ALL	653027.8	4186791	NonCancer	0.00E+00	6.14E-07	0.00E+00	4.07E-08	4.07E-08	4.07E-08	9.39E-06	0.00E+00	1.53E-06	0.00E+00	4.07E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
4768	ALL	653066.8	4186776	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.64E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.45E-05	0.00E+00	0.00E+00	2.45E-05
4769	ALL	653105.9	4186761	NonCancer	0.00E+00	6.50E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	9.92E-06	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.53E-05	0.00E+00	0.00E+00	2.53E-05
4770	ALL	653144.9	4186746	NonCancer	0.00E+00	6.75E-07	0.00E+00	4.48E-08	4.48E-08	4.48E-08	1.02E-05	0.00E+00	1.68E-06	0.00E+00	4.48E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4771	ALL	653183.9	4186732	NonCancer	0.00E+00	6.98E-07	0.00E+00	4.63E-08	4.63E-08	4.63E-08	1.04E-05	0.00E+00	1.74E-06	0.00E+00	4.63E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
4772	ALL	653223	4186717	NonCancer	0.00E+00	7.16E-07	0.00E+00	4.75E-08	4.75E-08	4.75E-08	1.07E-05	0.00E+00	1.78E-06	0.00E+00	4.75E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
4773	ALL	653262	4186702	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.08E-05	0.00E+00	1.81E-06	0.00E+00	4.83E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
4774	ALL	653301.1	4186687	NonCancer	0.00E+00	7.37E-07	0.00E+00	4.89E-08	4.89E-08	4.89E-08	1.09E-05	0.00E+00	1.83E-06	0.00E+00	4.89E-08	2.83E-05	0.00E+00	0.00E+00	2.83E-05
4775	ALL	653340.1	4186673	NonCancer	0.00E+00	7.41E-07	0.00E+00	4.91E-08	4.91E-08	4.91E-08	1.09E-05	0.00E+00	1.84E-06	0.00E+00	4.91E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
4776	ALL	653379.2	4186658	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.08E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
4777	ALL	653418.2	4186643	NonCancer	0.00E+00	7.30E-07	0.00E+00	4.85E-08	4.85E-08	4.85E-08	1.07E-05	0.00E+00	1.82E-06	0.00E+00	4.85E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
4778	ALL	653457.2	4186628	NonCancer	0.00E+00	7.19E-07	0.00E+00	4.77E-08	4.77E-08	4.77E-08	1.06E-05	0.00E+00	1.79E-06	0.00E+00	4.77E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
4779	ALL	653496.3	4186613	NonCancer	0.00E+00	7.08E-07	0.00E+00	4.70E-08	4.70E-08	4.70E-08	1.04E-05	0.00E+00	1.76E-06	0.00E+00	4.70E-08	2.72E-05	0.00E+00	0.00E+00	2.72E-05
4780	ALL	653535.3	4186599	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.02E-05	0.00E+00	1.73E-06	0.00E+00	4.62E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
4781	ALL	653574.4	4186584	NonCancer	0.00E+00	6.80E-07	0.00E+00	4.51E-08	4.51E-08	4.51E-08	9.91E-06	0.00E+00	1.69E-06	0.00E+00	4.51E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
4782	ALL	653613.4	4186569	NonCancer	0.00E+00	6.57E-07	0.00E+00	4.36E-08	4.36E-08	4.36E-08	9.62E-06	0.00E+00	1.63E-06	0.00E+00	4.36E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
4783	ALL	653652.4	4186554	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.33E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.42E-05	0.00E+00	0.00E+00	2.42E-05
4784	ALL	653691.5	4186540	NonCancer	0.00E+00	6.05E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.09E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
4785	ALL	652344.8	4187836	NonCancer	0.00E+00	8.18E-07	0.00E+00	5.43E-08	5.43E-08	5.43E-08	1.25E-05	0.00E+00	2.04E-06	0.00E+00	5.43E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
4786	ALL	652343	4187878	NonCancer	0.00E+00	8.34E-07	0.00E+00	5.53E-08	5.53E-08	5.53E-08	1.28E-05	0.00E+00	2.08E-06	0.00E+00	5.53E-08	3.25E-05	0.00E+00	0.00E+00	3.25E-05
4787	ALL	652341.2	4187920	NonCancer	0.00E+00	8.52E-07	0.00E+00	5.65E-08	5.65E-08	5.65E-08	1.31E-05	0.00E+00	2.12E-06	0.00E+00	5.65E-08	3.31E-05	0.00E+00	0.00E+00	3.31E-05
4788	ALL	652104.7	4187786	NonCancer	0.00E+00	6.20E-07	0.00E+00	4.11E-08	4.11E-08	4.11E-08	9.41E-06	0.00E+00	1.54E-06	0.00E+00	4.11E-08	2.40E-05	0.00E+00	0.00E+00	2.40E-05
4789	ALL	652122.2	4187748	NonCancer	0.00E+00	6.17E-07	0.00E+00	4.09E-08	4.09E-08	4.09E-08	9.36E-06	0.00E+00	1.54E-06	0.00E+00	4.09E-08	2.39E-05	0.00E+00	0.00E+00	2.39E-05
4790	ALL	652139.7	4187710	NonCancer	0.00E+00	6.11E-07	0.00E+00	4.05E-08	4.05E-08	4.05E-08	9.30E-06	0.00E+00	1.52E-06	0.00E+00	4.05E-08	2.37E-05	0.00E+00	0.00E+00	2.37E-05
4791	ALL	652157.2	4187672	NonCancer	0.00E+00	6.04E-07	0.00E+00	4.01E-08	4.01E-08	4.01E-08	9.24E-06	0.00E+00	1.51E-06	0.00E+00	4.01E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
4792	ALL	652174.7	4187634	NonCancer	0.00E+00	5.99E-07	0.00E+00	3.98E-08	3.98E-08	3.98E-08	9.18E-06	0.00E+00	1.50E-06	0.00E+00	3.98E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
4793	ALL	652192.3	4187596	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.13E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
4794	ALL	652209.8	4187558	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.08E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
4795	ALL	652227.3	4187520	NonCancer	0.00E+00	5.94E-07	0.00E+00	3.94E-08	3.94E-08	3.94E-08	8.99E-06	0.00E+00	1.48E-06	0.00E+00	3.94E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
4796	ALL	652244.8	4187482	NonCancer	0.00E+00	5.85E-07	0.00E+00	3.88E-08	3.88E-08	3.88E-08	8.87E-06	0.00E+00	1.46E-06	0.00E+00	3.88E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
4797	ALL	652262.3	4187444	NonCancer	0.00E+00	5.74E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.74E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
4798	ALL	652279.8	4187406	NonCancer	0.00E+00	5.64E-07	0.00E+00	3.74E-08	3.74E-08	3.74E-08	8.62E-06	0.00E+00	1.41E-06	0.00E+00	3.74E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4799	ALL	652297.3	4187368	NonCancer	0.00E+00	5.58E-07	0.00E+00	3.70E-08	3.70E-08	3.70E-08	8.52E-06	0.00E+00	1.39E-06	0.00E+00	3.70E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05

4800	ALL	652314.8	4187330	NonCancer	0.00E+00	5.54E-07	0.00E+00	3.68E-08	3.68E-08	3.68E-08	8.44E-06	0.00E+00	1.38E-06	0.00E+00	3.68E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
4801	ALL	652332.3	4187292	NonCancer	0.00E+00	5.51E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.37E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.14E-05	0.00E+00	0.00E+00	2.14E-05
4802	ALL	652349.8	4187254	NonCancer	0.00E+00	5.47E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.29E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4803	ALL	652367.3	4187216	NonCancer	0.00E+00	5.43E-07	0.00E+00	3.60E-08	3.60E-08	3.60E-08	8.20E-06	0.00E+00	1.35E-06	0.00E+00	3.60E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4804	ALL	652384.8	4187178	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	8.09E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
4805	ALL	652402.3	4187140	NonCancer	0.00E+00	5.29E-07	0.00E+00	3.51E-08	3.51E-08	3.51E-08	7.95E-06	0.00E+00	1.32E-06	0.00E+00	3.51E-08	2.05E-05	0.00E+00	0.00E+00	2.05E-05
4806	ALL	652419.8	4187102	NonCancer	0.00E+00	5.17E-07	0.00E+00	3.43E-08	3.43E-08	3.43E-08	7.79E-06	0.00E+00	1.29E-06	0.00E+00	3.43E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
4807	ALL	652437.3	4187064	NonCancer	0.00E+00	5.05E-07	0.00E+00	3.35E-08	3.35E-08	3.35E-08	7.61E-06	0.00E+00	1.26E-06	0.00E+00	3.35E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
4808	ALL	652454.8	4187027	NonCancer	0.00E+00	4.93E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.44E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4809	ALL	652472.3	4186989	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.26E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.87E-05	0.00E+00	0.00E+00	1.87E-05
4810	ALL	652489.8	4186951	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.08E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4811	ALL	652507.3	4186913	NonCancer	0.00E+00	4.58E-07	0.00E+00	3.04E-08	3.04E-08	3.04E-08	6.91E-06	0.00E+00	1.14E-06	0.00E+00	3.04E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4812	ALL	652524.8	4186875	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.77E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4813	ALL	652542.3	4186837	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.64E-06	0.00E+00	1.10E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
4814	ALL	652559.8	4186799	NonCancer	0.00E+00	4.31E-07	0.00E+00	2.86E-08	2.86E-08	2.86E-08	6.51E-06	0.00E+00	1.07E-06	0.00E+00	2.86E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4815	ALL	652577.3	4186761	NonCancer	0.00E+00	4.23E-07	0.00E+00	2.80E-08	2.80E-08	2.80E-08	6.40E-06	0.00E+00	1.05E-06	0.00E+00	2.80E-08	1.64E-05	0.00E+00	0.00E+00	1.64E-05
4816	ALL	652594.8	4186723	NonCancer	0.00E+00	4.15E-07	0.00E+00	2.75E-08	2.75E-08	2.75E-08	6.29E-06	0.00E+00	1.03E-06	0.00E+00	2.75E-08	1.61E-05	0.00E+00	0.00E+00	1.61E-05
4817	ALL	652623.1	4186696	NonCancer	0.00E+00	4.14E-07	0.00E+00	2.74E-08	2.74E-08	2.74E-08	6.29E-06	0.00E+00	1.03E-06	0.00E+00	2.74E-08	1.61E-05	0.00E+00	0.00E+00	1.61E-05
4818	ALL	652662.2	4186682	NonCancer	0.00E+00	4.19E-07	0.00E+00	2.78E-08	2.78E-08	2.78E-08	6.39E-06	0.00E+00	1.05E-06	0.00E+00	2.78E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4819	ALL	652701.3	4186667	NonCancer	0.00E+00	4.26E-07	0.00E+00	2.83E-08	2.83E-08	2.83E-08	6.50E-06	0.00E+00	1.06E-06	0.00E+00	2.83E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
4820	ALL	652740.4	4186652	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.63E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4821	ALL	652779.5	4186637	NonCancer	0.00E+00	4.47E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.76E-06	0.00E+00	1.11E-06	0.00E+00	2.97E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
4822	ALL	652818.5	4186623	NonCancer	0.00E+00	4.56E-07	0.00E+00	3.03E-08	3.03E-08	3.03E-08	6.90E-06	0.00E+00	1.14E-06	0.00E+00	3.03E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4823	ALL	652857.6	4186608	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	7.03E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4824	ALL	652896.7	4186593	NonCancer	0.00E+00	4.69E-07	0.00E+00	3.11E-08	3.11E-08	3.11E-08	7.17E-06	0.00E+00	1.17E-06	0.00E+00	3.11E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4825	ALL	652935.8	4186578	NonCancer	0.00E+00	4.78E-07	0.00E+00	3.17E-08	3.17E-08	3.17E-08	7.33E-06	0.00E+00	1.19E-06	0.00E+00	3.17E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4826	ALL	652974.9	4186563	NonCancer	0.00E+00	4.90E-07	0.00E+00	3.25E-08	3.25E-08	3.25E-08	7.50E-06	0.00E+00	1.22E-06	0.00E+00	3.25E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4827	ALL	653014	4186549	NonCancer	0.00E+00	5.06E-07	0.00E+00	3.36E-08	3.36E-08	3.36E-08	7.69E-06	0.00E+00	1.26E-06	0.00E+00	3.36E-08	1.96E-05	0.00E+00	0.00E+00	1.96E-05
4828	ALL	653053.1	4186534	NonCancer	0.00E+00	5.23E-07	0.00E+00	3.47E-08	3.47E-08	3.47E-08	7.88E-06	0.00E+00	1.30E-06	0.00E+00	3.47E-08	2.02E-05	0.00E+00	0.00E+00	2.02E-05
4829	ALL	653092.2	4186519	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	8.05E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
4830	ALL	653131.3	4186504	NonCancer	0.00E+00	5.50E-07	0.00E+00	3.65E-08	3.65E-08	3.65E-08	8.19E-06	0.00E+00	1.37E-06	0.00E+00	3.65E-08	2.12E-05	0.00E+00	0.00E+00	2.12E-05
4831	ALL	653170.4	4186489	NonCancer	0.00E+00	5.59E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.29E-06	0.00E+00	1.39E-06	0.00E+00	3.71E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
4832	ALL	653209.5	4186475	NonCancer	0.00E+00	5.65E-07	0.00E+00	3.75E-08	3.75E-08	3.75E-08	8.36E-06	0.00E+00	1.41E-06	0.00E+00	3.75E-08	2.17E-05	0.00E+00	0.00E+00	2.17E-05
4833	ALL	653248.6	4186460	NonCancer	0.00E+00	5.69E-07	0.00E+00	3.77E-08	3.77E-08	3.77E-08	8.40E-06	0.00E+00	1.42E-06	0.00E+00	3.77E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4834	ALL	653287.6	4186445	NonCancer	0.00E+00	5.70E-07	0.00E+00	3.78E-08	3.78E-08	3.78E-08	8.39E-06	0.00E+00	1.42E-06	0.00E+00	3.78E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
4835	ALL	653326.7	4186430	NonCancer	0.00E+00	5.67E-07	0.00E+00	3.76E-08	3.76E-08	3.76E-08	8.35E-06	0.00E+00	1.41E-06	0.00E+00	3.76E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
4836	ALL	653365.8	4186415	NonCancer	0.00E+00	5.61E-07	0.00E+00	3.72E-08	3.72E-08	3.72E-08	8.27E-06	0.00E+00	1.40E-06	0.00E+00	3.72E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
4837	ALL	653404.9	4186401	NonCancer	0.00E+00	5.54E-07	0.00E+00	3.67E-08	3.67E-08	3.67E-08	8.17E-06	0.00E+00	1.38E-06	0.00E+00	3.67E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
4838	ALL	653444	4186386	NonCancer	0.00E+00	5.47E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.05E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.10E-05	0.00E+00	0.00E+00	2.10E-05
4839	ALL	653483.1	4186371	NonCancer	0.00E+00	5.40E-07	0.00E+00	3.58E-08	3.58E-08	3.58E-08	7.92E-06	0.00E+00	1.34E-06	0.00E+00	3.58E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
4840	ALL	653522.2	4186356	NonCancer	0.00E+00	5.31E-07	0.00E+00	3.53E-08	3.53E-08	3.53E-08	7.76E-06	0.00E+00	1.32E-06	0.00E+00	3.53E-08	2.04E-05	0.00E+00	0.00E+00	2.04E-05
4841	ALL	653561.3	4186341	NonCancer	0.00E+00	5.19E-07	0.00E+00	3.44E-08	3.44E-08	3.44E-08	7.58E-06	0.00E+00	1.29E-06	0.00E+00	3.44E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
4842	ALL	653600.4	4186327	NonCancer	0.00E+00	5.01E-07	0.00E+00	3.33E-08	3.33E-08	3.33E-08	7.38E-06	0.00E+00	1.25E-06	0.00E+00	3.33E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
4843	ALL	653639.5	4186312	NonCancer	0.00E+00	4.82E-07	0.00E+00	3.20E-08	3.20E-08	3.20E-08	7.17E-06	0.00E+00	1.20E-06	0.00E+00	3.20E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4844	ALL	653678.6	4186297	NonCancer	0.00E+00	4.65E-07	0.00E+00	3.08E-08	3.08E-08	3.08E-08	7.00E-06	0.00E+00	1.16E-06	0.00E+00	3.08E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4845	ALL	652095.1	4187826	NonCancer	0.00E+00	6.25E-07	0.00E+00	4.14E-08	4.14E-08	4.14E-08	9.53E-06	0.00E+00	1.56E-06	0.00E+00	4.14E-08	2.43E-05	0.00E+00	0.00E+00	2.43E-05
4846	ALL	652093.3	4187867	NonCancer	0.00E+00	6.34E-07	0.00E+00	4.21E-08	4.21E-08	4.21E-08	9.71E-06	0.00E+00	1.58E-06	0.00E+00	4.21E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
4847	ALL	652091.4	4187909	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.28E-08	4.28E-08	4.28E-08	9.88E-06	0.00E+00	1.61E-06	0.00E+00	4.28E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
4848	ALL	651854.9	4187775	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.27E-08	3.27E-08	3.27E-08	7.48E-06	0.00E+00	1.23E-06	0.00E+00	3.27E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05
4849	ALL	651872.1	4187738	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.45E-06	0.00E+00	1.23E-06	0.00E+00	3.26E-08	1.91E-05	0.00E+00	0.00E+00	1.91E-05

4850	ALL	651889.4	4187700	NonCancer	0.00E+00	4.89E-07	0.00E+00	3.24E-08	3.24E-08	3.24E-08	7.41E-06	0.00E+00	1.22E-06	0.00E+00	3.24E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
4851	ALL	651906.6	4187663	NonCancer	0.00E+00	4.84E-07	0.00E+00	3.21E-08	3.21E-08	3.21E-08	7.36E-06	0.00E+00	1.21E-06	0.00E+00	3.21E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
4852	ALL	651923.9	4187625	NonCancer	0.00E+00	4.79E-07	0.00E+00	3.18E-08	3.18E-08	3.18E-08	7.32E-06	0.00E+00	1.19E-06	0.00E+00	3.18E-08	1.86E-05	0.00E+00	0.00E+00	1.86E-05
4853	ALL	651941.2	4187588	NonCancer	0.00E+00	4.76E-07	0.00E+00	3.16E-08	3.16E-08	3.16E-08	7.28E-06	0.00E+00	1.19E-06	0.00E+00	3.16E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
4854	ALL	651958.4	4187550	NonCancer	0.00E+00	4.75E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	7.25E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.85E-05	0.00E+00	0.00E+00	1.85E-05
4855	ALL	651975.7	4187513	NonCancer	0.00E+00	4.75E-07	0.00E+00	3.15E-08	3.15E-08	3.15E-08	7.22E-06	0.00E+00	1.18E-06	0.00E+00	3.15E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
4856	ALL	651992.9	4187476	NonCancer	0.00E+00	4.74E-07	0.00E+00	3.14E-08	3.14E-08	3.14E-08	7.18E-06	0.00E+00	1.18E-06	0.00E+00	3.14E-08	1.84E-05	0.00E+00	0.00E+00	1.84E-05
4857	ALL	652010.2	4187438	NonCancer	0.00E+00	4.70E-07	0.00E+00	3.12E-08	3.12E-08	3.12E-08	7.11E-06	0.00E+00	1.17E-06	0.00E+00	3.12E-08	1.82E-05	0.00E+00	0.00E+00	1.82E-05
4858	ALL	652027.5	4187401	NonCancer	0.00E+00	4.63E-07	0.00E+00	3.07E-08	3.07E-08	3.07E-08	7.02E-06	0.00E+00	1.15E-06	0.00E+00	3.07E-08	1.80E-05	0.00E+00	0.00E+00	1.80E-05
4859	ALL	652044.7	4187363	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.92E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.77E-05	0.00E+00	0.00E+00	1.77E-05
4860	ALL	652062	4187326	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.84E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4861	ALL	652079.2	4187288	NonCancer	0.00E+00	4.44E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.77E-06	0.00E+00	1.11E-06	0.00E+00	2.94E-08	1.72E-05	0.00E+00	0.00E+00	1.72E-05
4862	ALL	652096.5	4187251	NonCancer	0.00E+00	4.41E-07	0.00E+00	2.93E-08	2.93E-08	2.93E-08	6.72E-06	0.00E+00	1.10E-06	0.00E+00	2.93E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4863	ALL	652113.8	4187214	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.67E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.70E-05	0.00E+00	0.00E+00	1.70E-05
4864	ALL	652131	4187176	NonCancer	0.00E+00	4.36E-07	0.00E+00	2.89E-08	2.89E-08	2.89E-08	6.62E-06	0.00E+00	1.09E-06	0.00E+00	2.89E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4865	ALL	652148.3	4187139	NonCancer	0.00E+00	4.34E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.57E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
4866	ALL	652165.5	4187101	NonCancer	0.00E+00	4.32E-07	0.00E+00	2.86E-08	2.86E-08	2.86E-08	6.51E-06	0.00E+00	1.08E-06	0.00E+00	2.86E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4867	ALL	652182.8	4187064	NonCancer	0.00E+00	4.28E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.44E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.66E-05	0.00E+00	0.00E+00	1.66E-05
4868	ALL	652200.1	4187026	NonCancer	0.00E+00	4.23E-07	0.00E+00	2.80E-08	2.80E-08	2.80E-08	6.34E-06	0.00E+00	1.05E-06	0.00E+00	2.80E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4869	ALL	652217.3	4186989	NonCancer	0.00E+00	4.14E-07	0.00E+00	2.75E-08	2.75E-08	2.75E-08	6.24E-06	0.00E+00	1.03E-06	0.00E+00	2.75E-08	1.60E-05	0.00E+00	0.00E+00	1.60E-05
4870	ALL	652234.6	4186952	NonCancer	0.00E+00	4.06E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.12E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
4871	ALL	652251.8	4186914	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	6.00E-06	0.00E+00	9.91E-07	0.00E+00	2.64E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
4872	ALL	652269.1	4186877	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.88E-06	0.00E+00	9.72E-07	0.00E+00	2.59E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
4873	ALL	652286.4	4186839	NonCancer	0.00E+00	3.82E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.76E-06	0.00E+00	9.52E-07	0.00E+00	2.53E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
4874	ALL	652303.6	4186802	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.63E-06	0.00E+00	9.31E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
4875	ALL	652320.9	4186764	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.52E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
4876	ALL	652338.1	4186727	NonCancer	0.00E+00	3.59E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.41E-06	0.00E+00	8.94E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
4877	ALL	652355.4	4186689	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.32E-06	0.00E+00	8.79E-07	0.00E+00	2.34E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
4878	ALL	652372.7	4186652	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.23E-06	0.00E+00	8.64E-07	0.00E+00	2.30E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
4879	ALL	652389.9	4186615	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.15E-06	0.00E+00	8.50E-07	0.00E+00	2.26E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
4880	ALL	652407.2	4186577	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.08E-06	0.00E+00	8.36E-07	0.00E+00	2.22E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4881	ALL	652424.5	4186540	NonCancer	0.00E+00	3.30E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	5.00E-06	0.00E+00	8.23E-07	0.00E+00	2.19E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
4882	ALL	652452.4	4186514	NonCancer	0.00E+00	3.29E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	5.00E-06	0.00E+00	8.21E-07	0.00E+00	2.18E-08	1.28E-05	0.00E+00	0.00E+00	1.28E-05
4883	ALL	652490.9	4186499	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	5.07E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4884	ALL	652529.5	4186485	NonCancer	0.00E+00	3.37E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.14E-06	0.00E+00	8.41E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
4885	ALL	652568	4186470	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	5.22E-06	0.00E+00	8.55E-07	0.00E+00	2.28E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
4886	ALL	652606.6	4186455	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.31E-06	0.00E+00	8.74E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
4887	ALL	652645.1	4186441	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.41E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
4888	ALL	652683.7	4186426	NonCancer	0.00E+00	3.64E-07	0.00E+00	2.42E-08	2.42E-08	2.42E-08	5.50E-06	0.00E+00	9.08E-07	0.00E+00	2.42E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
4889	ALL	652722.2	4186412	NonCancer	0.00E+00	3.69E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.58E-06	0.00E+00	9.20E-07	0.00E+00	2.45E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
4890	ALL	652760.8	4186397	NonCancer	0.00E+00	3.73E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.67E-06	0.00E+00	9.29E-07	0.00E+00	2.47E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
4891	ALL	652799.3	4186382	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.78E-06	0.00E+00	9.41E-07	0.00E+00	2.50E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
4892	ALL	652837.9	4186368	NonCancer	0.00E+00	3.84E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.89E-06	0.00E+00	9.59E-07	0.00E+00	2.55E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
4893	ALL	652876.4	4186353	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	6.02E-06	0.00E+00	9.83E-07	0.00E+00	2.61E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
4894	ALL	652915	4186339	NonCancer	0.00E+00	4.06E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
4895	ALL	652953.5	4186324	NonCancer	0.00E+00	4.17E-07	0.00E+00	2.77E-08	2.77E-08	2.77E-08	6.29E-06	0.00E+00	1.04E-06	0.00E+00	2.77E-08	1.62E-05	0.00E+00	0.00E+00	1.62E-05
4896	ALL	652992.1	4186309	NonCancer	0.00E+00	4.28E-07	0.00E+00	2.84E-08	2.84E-08	2.84E-08	6.41E-06	0.00E+00	1.07E-06	0.00E+00	2.84E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
4897	ALL	653030.7	4186295	NonCancer	0.00E+00	4.37E-07	0.00E+00	2.90E-08	2.90E-08	2.90E-08	6.51E-06	0.00E+00	1.09E-06	0.00E+00	2.90E-08	1.68E-05	0.00E+00	0.00E+00	1.68E-05
4898	ALL	653069.2	4186280	NonCancer	0.00E+00	4.43E-07	0.00E+00	2.94E-08	2.94E-08	2.94E-08	6.59E-06	0.00E+00	1.10E-06	0.00E+00	2.94E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4899	ALL	653107.8	4186266	NonCancer	0.00E+00	4.48E-07	0.00E+00	2.97E-08	2.97E-08	2.97E-08	6.65E-06	0.00E+00	1.12E-06	0.00E+00	2.97E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05

4900	ALL	653146.3	4186251	NonCancer	0.00E+00	4.52E-07	0.00E+00	3.00E-08	3.00E-08	3.00E-08	6.69E-06	0.00E+00	1.13E-06	0.00E+00	3.00E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4901	ALL	653184.9	4186237	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.72E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
4902	ALL	653223.4	4186222	NonCancer	0.00E+00	4.55E-07	0.00E+00	3.02E-08	3.02E-08	3.02E-08	6.71E-06	0.00E+00	1.13E-06	0.00E+00	3.02E-08	1.75E-05	0.00E+00	0.00E+00	1.75E-05
4903	ALL	653262	4186207	NonCancer	0.00E+00	4.54E-07	0.00E+00	3.01E-08	3.01E-08	3.01E-08	6.69E-06	0.00E+00	1.13E-06	0.00E+00	3.01E-08	1.74E-05	0.00E+00	0.00E+00	1.74E-05
4904	ALL	653300.5	4186193	NonCancer	0.00E+00	4.50E-07	0.00E+00	2.98E-08	2.98E-08	2.98E-08	6.64E-06	0.00E+00	1.12E-06	0.00E+00	2.98E-08	1.73E-05	0.00E+00	0.00E+00	1.73E-05
4905	ALL	653339.1	4186178	NonCancer	0.00E+00	4.44E-07	0.00E+00	2.95E-08	2.95E-08	2.95E-08	6.57E-06	0.00E+00	1.11E-06	0.00E+00	2.95E-08	1.71E-05	0.00E+00	0.00E+00	1.71E-05
4906	ALL	653377.6	4186164	NonCancer	0.00E+00	4.39E-07	0.00E+00	2.91E-08	2.91E-08	2.91E-08	6.49E-06	0.00E+00	1.09E-06	0.00E+00	2.91E-08	1.69E-05	0.00E+00	0.00E+00	1.69E-05
4907	ALL	653416.2	4186149	NonCancer	0.00E+00	4.35E-07	0.00E+00	2.88E-08	2.88E-08	2.88E-08	6.41E-06	0.00E+00	1.08E-06	0.00E+00	2.88E-08	1.67E-05	0.00E+00	0.00E+00	1.67E-05
4908	ALL	653454.7	4186134	NonCancer	0.00E+00	4.30E-07	0.00E+00	2.85E-08	2.85E-08	2.85E-08	6.32E-06	0.00E+00	1.07E-06	0.00E+00	2.85E-08	1.65E-05	0.00E+00	0.00E+00	1.65E-05
4909	ALL	653493.3	4186120	NonCancer	0.00E+00	4.24E-07	0.00E+00	2.81E-08	2.81E-08	2.81E-08	6.21E-06	0.00E+00	1.06E-06	0.00E+00	2.81E-08	1.63E-05	0.00E+00	0.00E+00	1.63E-05
4910	ALL	653531.8	4186105	NonCancer	0.00E+00	4.16E-07	0.00E+00	2.76E-08	2.76E-08	2.76E-08	6.08E-06	0.00E+00	1.03E-06	0.00E+00	2.76E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
4911	ALL	653570.4	4186091	NonCancer	0.00E+00	4.04E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	5.94E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
4912	ALL	653608.9	4186076	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.79E-06	0.00E+00	9.71E-07	0.00E+00	2.59E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
4913	ALL	653647.5	4186061	NonCancer	0.00E+00	3.76E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.65E-06	0.00E+00	9.38E-07	0.00E+00	2.50E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
4914	ALL	653686.1	4186047	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.54E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
4915	ALL	651845.3	4187815	NonCancer	0.00E+00	4.95E-07	0.00E+00	3.28E-08	3.28E-08	3.28E-08	7.55E-06	0.00E+00	1.23E-06	0.00E+00	3.28E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
4916	ALL	651843.5	4187856	NonCancer	0.00E+00	5.01E-07	0.00E+00	3.32E-08	3.32E-08	3.32E-08	7.67E-06	0.00E+00	1.25E-06	0.00E+00	3.32E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
4917	ALL	651841.7	4187898	NonCancer	0.00E+00	5.09E-07	0.00E+00	3.37E-08	3.37E-08	3.37E-08	7.78E-06	0.00E+00	1.27E-06	0.00E+00	3.37E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
4918	ALL	651355.4	4187753	NonCancer	0.00E+00	3.35E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.09E-06	0.00E+00	8.36E-07	0.00E+00	2.22E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4919	ALL	651372.7	4187716	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.09E-06	0.00E+00	8.38E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4920	ALL	651390	4187678	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.07E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
4921	ALL	651407.4	4187640	NonCancer	0.00E+00	3.34E-07	0.00E+00	2.22E-08	2.22E-08	2.22E-08	5.05E-06	0.00E+00	8.33E-07	0.00E+00	2.22E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4922	ALL	651424.7	4187603	NonCancer	0.00E+00	3.32E-07	0.00E+00	2.20E-08	2.20E-08	2.20E-08	5.02E-06	0.00E+00	8.27E-07	0.00E+00	2.20E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
4923	ALL	651442.1	4187565	NonCancer	0.00E+00	3.28E-07	0.00E+00	2.18E-08	2.18E-08	2.18E-08	4.99E-06	0.00E+00	8.19E-07	0.00E+00	2.18E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4924	ALL	651459.4	4187528	NonCancer	0.00E+00	3.25E-07	0.00E+00	2.16E-08	2.16E-08	2.16E-08	4.97E-06	0.00E+00	8.12E-07	0.00E+00	2.16E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
4925	ALL	651476.7	4187490	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.95E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4926	ALL	651494.1	4187452	NonCancer	0.00E+00	3.23E-07	0.00E+00	2.14E-08	2.14E-08	2.14E-08	4.94E-06	0.00E+00	8.06E-07	0.00E+00	2.14E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4927	ALL	651511.4	4187415	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.93E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4928	ALL	651528.7	4187377	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.91E-06	0.00E+00	8.08E-07	0.00E+00	2.15E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
4929	ALL	651546.1	4187340	NonCancer	0.00E+00	3.24E-07	0.00E+00	2.15E-08	2.15E-08	2.15E-08	4.88E-06	0.00E+00	8.07E-07	0.00E+00	2.15E-08	1.25E-05	0.00E+00	0.00E+00	1.25E-05
4930	ALL	651563.4	4187302	NonCancer	0.00E+00	3.21E-07	0.00E+00	2.13E-08	2.13E-08	2.13E-08	4.85E-06	0.00E+00	8.01E-07	0.00E+00	2.13E-08	1.24E-05	0.00E+00	0.00E+00	1.24E-05
4931	ALL	651580.7	4187264	NonCancer	0.00E+00	3.17E-07	0.00E+00	2.10E-08	2.10E-08	2.10E-08	4.80E-06	0.00E+00	7.91E-07	0.00E+00	2.10E-08	1.23E-05	0.00E+00	0.00E+00	1.23E-05
4932	ALL	651598.1	4187227	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.74E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.21E-05	0.00E+00	0.00E+00	1.21E-05
4933	ALL	651615.4	4187189	NonCancer	0.00E+00	3.08E-07	0.00E+00	2.04E-08	2.04E-08	2.04E-08	4.69E-06	0.00E+00	7.67E-07	0.00E+00	2.04E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4934	ALL	651632.8	4187152	NonCancer	0.00E+00	3.05E-07	0.00E+00	2.02E-08	2.02E-08	2.02E-08	4.65E-06	0.00E+00	7.59E-07	0.00E+00	2.02E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4935	ALL	651650.1	4187114	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.61E-06	0.00E+00	7.55E-07	0.00E+00	2.01E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4936	ALL	651667.4	4187076	NonCancer	0.00E+00	3.02E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.58E-06	0.00E+00	7.52E-07	0.00E+00	2.00E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4937	ALL	651684.8	4187039	NonCancer	0.00E+00	3.01E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.56E-06	0.00E+00	7.50E-07	0.00E+00	1.99E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4938	ALL	651702.1	4187001	NonCancer	0.00E+00	2.99E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.54E-06	0.00E+00	7.46E-07	0.00E+00	1.98E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4939	ALL	651719.4	4186964	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.51E-06	0.00E+00	7.42E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4940	ALL	651736.8	4186926	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.49E-06	0.00E+00	7.38E-07	0.00E+00	1.96E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4941	ALL	651754.1	4186888	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.46E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4942	ALL	651771.4	4186851	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.42E-06	0.00E+00	7.34E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4943	ALL	651788.8	4186813	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.38E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4944	ALL	651806.1	4186776	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.33E-06	0.00E+00	7.19E-07	0.00E+00	1.91E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4945	ALL	651823.5	4186738	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.27E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4946	ALL	651840.8	4186700	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.20E-06	0.00E+00	6.94E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4947	ALL	651858.1	4186663	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.14E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4948	ALL	651875.5	4186625	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.08E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4949	ALL	651892.8	4186588	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	4.01E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05

4950	ALL	651910.1	4186550	NonCancer	0.00E+00	2.62E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.94E-06	0.00E+00	6.52E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4951	ALL	651927.5	4186512	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.87E-06	0.00E+00	6.40E-07	0.00E+00	1.70E-08	9.95E-06	0.00E+00	0.00E+00	9.95E-06
4952	ALL	651944.8	4186475	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.81E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.78E-06	0.00E+00	0.00E+00	9.78E-06
4953	ALL	651962.1	4186437	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.75E-06	0.00E+00	6.19E-07	0.00E+00	1.65E-08	9.62E-06	0.00E+00	0.00E+00	9.62E-06
4954	ALL	651979.5	4186400	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.69E-06	0.00E+00	6.10E-07	0.00E+00	1.62E-08	9.48E-06	0.00E+00	0.00E+00	9.48E-06
4955	ALL	651996.8	4186362	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.64E-06	0.00E+00	6.02E-07	0.00E+00	1.60E-08	9.35E-06	0.00E+00	0.00E+00	9.35E-06
4956	ALL	652014.2	4186324	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.59E-06	0.00E+00	5.94E-07	0.00E+00	1.58E-08	9.23E-06	0.00E+00	0.00E+00	9.23E-06
4957	ALL	652031.5	4186287	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.55E-06	0.00E+00	5.85E-07	0.00E+00	1.56E-08	9.10E-06	0.00E+00	0.00E+00	9.10E-06
4958	ALL	652048.8	4186249	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.50E-06	0.00E+00	5.77E-07	0.00E+00	1.54E-08	8.98E-06	0.00E+00	0.00E+00	8.98E-06
4959	ALL	652066.2	4186212	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.46E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.87E-06	0.00E+00	0.00E+00	8.87E-06
4960	ALL	652083.5	4186174	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.42E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
4961	ALL	652111.5	4186148	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.42E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.75E-06	0.00E+00	0.00E+00	8.75E-06
4962	ALL	652150.2	4186133	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.46E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.83E-06	0.00E+00	0.00E+00	8.83E-06
4963	ALL	652189	4186119	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.49E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
4964	ALL	652227.7	4186104	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.54E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	9.02E-06	0.00E+00	0.00E+00	9.02E-06
4965	ALL	652266.4	4186089	NonCancer	0.00E+00	2.35E-07	0.00E+00	1.56E-08	1.56E-08	1.56E-08	3.58E-06	0.00E+00	5.87E-07	0.00E+00	1.56E-08	9.14E-06	0.00E+00	0.00E+00	9.14E-06
4966	ALL	652305.1	4186075	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.63E-06	0.00E+00	5.97E-07	0.00E+00	1.59E-08	9.30E-06	0.00E+00	0.00E+00	9.30E-06
4967	ALL	652343.9	4186060	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.69E-06	0.00E+00	6.09E-07	0.00E+00	1.62E-08	9.46E-06	0.00E+00	0.00E+00	9.46E-06
4968	ALL	652382.6	4186045	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.74E-06	0.00E+00	6.19E-07	0.00E+00	1.65E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
4969	ALL	652421.3	4186031	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.78E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
4970	ALL	652460	4186016	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.83E-06	0.00E+00	6.32E-07	0.00E+00	1.68E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
4971	ALL	652498.8	4186001	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.87E-06	0.00E+00	6.36E-07	0.00E+00	1.69E-08	9.89E-06	0.00E+00	0.00E+00	9.89E-06
4972	ALL	652537.5	4185987	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.92E-06	0.00E+00	6.40E-07	0.00E+00	1.70E-08	9.99E-06	0.00E+00	0.00E+00	9.99E-06
4973	ALL	652576.2	4185972	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.98E-06	0.00E+00	6.48E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
4974	ALL	652614.9	4185957	NonCancer	0.00E+00	2.64E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	4.05E-06	0.00E+00	6.59E-07	0.00E+00	1.75E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
4975	ALL	652653.6	4185943	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.12E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
4976	ALL	652692.4	4185928	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.20E-06	0.00E+00	6.89E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
4977	ALL	652731.1	4185913	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.28E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4978	ALL	652769.8	4185899	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.35E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4979	ALL	652808.5	4185884	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.42E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4980	ALL	652847.3	4185870	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.47E-06	0.00E+00	7.48E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
4981	ALL	652886	4185855	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.52E-06	0.00E+00	7.56E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4982	ALL	652924.7	4185840	NonCancer	0.00E+00	3.06E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.56E-06	0.00E+00	7.63E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4983	ALL	652963.4	4185826	NonCancer	0.00E+00	3.09E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.59E-06	0.00E+00	7.69E-07	0.00E+00	2.05E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4984	ALL	653002.1	4185811	NonCancer	0.00E+00	3.11E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.61E-06	0.00E+00	7.74E-07	0.00E+00	2.06E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4985	ALL	653040.9	4185796	NonCancer	0.00E+00	3.12E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.63E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4986	ALL	653079.6	4185782	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.08E-08	2.08E-08	2.08E-08	4.63E-06	0.00E+00	7.79E-07	0.00E+00	2.08E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4987	ALL	653118.3	4185767	NonCancer	0.00E+00	3.13E-07	0.00E+00	2.07E-08	2.07E-08	2.07E-08	4.62E-06	0.00E+00	7.78E-07	0.00E+00	2.07E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4988	ALL	653157	4185752	NonCancer	0.00E+00	3.11E-07	0.00E+00	2.06E-08	2.06E-08	2.06E-08	4.59E-06	0.00E+00	7.74E-07	0.00E+00	2.06E-08	1.20E-05	0.00E+00	0.00E+00	1.20E-05
4989	ALL	653195.8	4185738	NonCancer	0.00E+00	3.08E-07	0.00E+00	2.05E-08	2.05E-08	2.05E-08	4.56E-06	0.00E+00	7.68E-07	0.00E+00	2.05E-08	1.19E-05	0.00E+00	0.00E+00	1.19E-05
4990	ALL	653234.5	4185723	NonCancer	0.00E+00	3.05E-07	0.00E+00	2.03E-08	2.03E-08	2.03E-08	4.53E-06	0.00E+00	7.60E-07	0.00E+00	2.03E-08	1.18E-05	0.00E+00	0.00E+00	1.18E-05
4991	ALL	653273.2	4185708	NonCancer	0.00E+00	3.02E-07	0.00E+00	2.01E-08	2.01E-08	2.01E-08	4.49E-06	0.00E+00	7.53E-07	0.00E+00	2.01E-08	1.17E-05	0.00E+00	0.00E+00	1.17E-05
4992	ALL	653311.9	4185694	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.44E-06	0.00E+00	7.46E-07	0.00E+00	1.99E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
4993	ALL	653350.7	4185679	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.40E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
4994	ALL	653389.4	4185664	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.35E-06	0.00E+00	7.34E-07	0.00E+00	1.96E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
4995	ALL	653428.1	4185650	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.29E-06	0.00E+00	7.27E-07	0.00E+00	1.94E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
4996	ALL	653466.8	4185635	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.22E-06	0.00E+00	7.16E-07	0.00E+00	1.91E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
4997	ALL	653505.5	4185620	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.14E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
4998	ALL	653544.3	4185606	NonCancer	0.00E+00	2.74E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.05E-06	0.00E+00	6.83E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
4999	ALL	653583	4185591	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	3.96E-06	0.00E+00	6.63E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05

5000	ALL	653621.7	4185576	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.88E-06	0.00E+00	6.43E-07	0.00E+00	1.71E-08	9.99E-06	0.00E+00	0.00E+00	9.99E-06
5001	ALL	653660.4	4185562	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.81E-06	0.00E+00	6.27E-07	0.00E+00	1.67E-08	9.77E-06	0.00E+00	0.00E+00	9.77E-06
5002	ALL	653699.2	4185547	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.76E-06	0.00E+00	6.16E-07	0.00E+00	1.64E-08	9.61E-06	0.00E+00	0.00E+00	9.61E-06
5003	ALL	651345.8	4187793	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.12E-06	0.00E+00	8.38E-07	0.00E+00	2.23E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5004	ALL	651344	4187835	NonCancer	0.00E+00	3.39E-07	0.00E+00	2.25E-08	2.25E-08	2.25E-08	5.18E-06	0.00E+00	8.45E-07	0.00E+00	2.25E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
5005	ALL	651342.2	4187876	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.24E-06	0.00E+00	8.54E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5006	ALL	650855.9	4187731	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.73E-06	0.00E+00	6.11E-07	0.00E+00	1.63E-08	9.52E-06	0.00E+00	0.00E+00	9.52E-06
5007	ALL	650873.3	4187694	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.72E-06	0.00E+00	6.13E-07	0.00E+00	1.63E-08	9.54E-06	0.00E+00	0.00E+00	9.54E-06
5008	ALL	650890.6	4187656	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.72E-06	0.00E+00	6.14E-07	0.00E+00	1.63E-08	9.54E-06	0.00E+00	0.00E+00	9.54E-06
5009	ALL	650908	4187618	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.71E-06	0.00E+00	6.14E-07	0.00E+00	1.63E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5010	ALL	650925.4	4187581	NonCancer	0.00E+00	2.46E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.70E-06	0.00E+00	6.12E-07	0.00E+00	1.63E-08	9.50E-06	0.00E+00	0.00E+00	9.50E-06
5011	ALL	650942.8	4187543	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.68E-06	0.00E+00	6.08E-07	0.00E+00	1.62E-08	9.45E-06	0.00E+00	0.00E+00	9.45E-06
5012	ALL	650960.2	4187505	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.66E-06	0.00E+00	6.03E-07	0.00E+00	1.60E-08	9.38E-06	0.00E+00	0.00E+00	9.38E-06
5013	ALL	650977.6	4187467	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.65E-06	0.00E+00	5.98E-07	0.00E+00	1.59E-08	9.31E-06	0.00E+00	0.00E+00	9.31E-06
5014	ALL	650995	4187430	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.63E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.25E-06	0.00E+00	0.00E+00	9.25E-06
5015	ALL	651012.3	4187392	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.62E-06	0.00E+00	5.91E-07	0.00E+00	1.57E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
5016	ALL	651029.7	4187354	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.61E-06	0.00E+00	5.90E-07	0.00E+00	1.57E-08	9.20E-06	0.00E+00	0.00E+00	9.20E-06
5017	ALL	651047.1	4187317	NonCancer	0.00E+00	2.37E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.61E-06	0.00E+00	5.92E-07	0.00E+00	1.57E-08	9.21E-06	0.00E+00	0.00E+00	9.21E-06
5018	ALL	651064.5	4187279	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.61E-06	0.00E+00	5.93E-07	0.00E+00	1.58E-08	9.22E-06	0.00E+00	0.00E+00	9.22E-06
5019	ALL	651081.9	4187241	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.60E-06	0.00E+00	5.94E-07	0.00E+00	1.58E-08	9.23E-06	0.00E+00	0.00E+00	9.23E-06
5020	ALL	651099.3	4187203	NonCancer	0.00E+00	2.38E-07	0.00E+00	1.58E-08	1.58E-08	1.58E-08	3.58E-06	0.00E+00	5.92E-07	0.00E+00	1.58E-08	9.20E-06	0.00E+00	0.00E+00	9.20E-06
5021	ALL	651116.7	4187166	NonCancer	0.00E+00	2.36E-07	0.00E+00	1.57E-08	1.57E-08	1.57E-08	3.56E-06	0.00E+00	5.88E-07	0.00E+00	1.57E-08	9.14E-06	0.00E+00	0.00E+00	9.14E-06
5022	ALL	651134	4187128	NonCancer	0.00E+00	2.33E-07	0.00E+00	1.55E-08	1.55E-08	1.55E-08	3.52E-06	0.00E+00	5.82E-07	0.00E+00	1.55E-08	9.04E-06	0.00E+00	0.00E+00	9.04E-06
5023	ALL	651151.4	4187090	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.49E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
5024	ALL	651168.8	4187053	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.45E-06	0.00E+00	5.66E-07	0.00E+00	1.50E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
5025	ALL	651186.2	4187015	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.42E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
5026	ALL	651203.6	4186977	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.39E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.66E-06	0.00E+00	0.00E+00	8.66E-06
5027	ALL	651221	4186940	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.38E-06	0.00E+00	5.54E-07	0.00E+00	1.47E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5028	ALL	651238.4	4186902	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.36E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.59E-06	0.00E+00	0.00E+00	8.59E-06
5029	ALL	651255.7	4186864	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.35E-06	0.00E+00	5.51E-07	0.00E+00	1.47E-08	8.57E-06	0.00E+00	0.00E+00	8.57E-06
5030	ALL	651273.1	4186826	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.33E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5031	ALL	651290.5	4186789	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.32E-06	0.00E+00	5.47E-07	0.00E+00	1.45E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
5032	ALL	651307.9	4186751	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.31E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
5033	ALL	651325.3	4186713	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.29E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5034	ALL	651342.7	4186676	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.28E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
5035	ALL	651360.1	4186638	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.26E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
5036	ALL	651377.4	4186600	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.24E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
5037	ALL	651394.8	4186562	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.21E-06	0.00E+00	5.34E-07	0.00E+00	1.42E-08	8.28E-06	0.00E+00	0.00E+00	8.28E-06
5038	ALL	651412.2	4186525	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.18E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
5039	ALL	651429.6	4186487	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.14E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.07E-06	0.00E+00	0.00E+00	8.07E-06
5040	ALL	651447	4186449	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.10E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.96E-06	0.00E+00	0.00E+00	7.96E-06
5041	ALL	651464.4	4186412	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.06E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.84E-06	0.00E+00	0.00E+00	7.84E-06
5042	ALL	651481.8	4186374	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.02E-06	0.00E+00	4.98E-07	0.00E+00	1.33E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
5043	ALL	651499.2	4186336	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	2.98E-06	0.00E+00	4.92E-07	0.00E+00	1.31E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
5044	ALL	651516.5	4186299	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5045	ALL	651533.9	4186261	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.45E-06	0.00E+00	0.00E+00	7.45E-06
5046	ALL	651551.3	4186223	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.86E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.34E-06	0.00E+00	0.00E+00	7.34E-06
5047	ALL	651568.7	4186185	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.82E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06
5048	ALL	651586.1	4186148	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.78E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.13E-06	0.00E+00	0.00E+00	7.13E-06
5049	ALL	651603.5	4186110	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06

5050	ALL	651620.9	4186072	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.48E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
5051	ALL	651638.2	4186035	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5052	ALL	651655.6	4185997	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.64E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
5053	ALL	651673	4185959	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.62E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
5054	ALL	651690.4	4185921	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.59E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.64E-06	0.00E+00	0.00E+00	6.64E-06
5055	ALL	651707.8	4185884	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.56E-06	0.00E+00	0.00E+00	6.56E-06
5056	ALL	651725.2	4185846	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
5057	ALL	651742.6	4185808	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5058	ALL	651770.7	4185782	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5059	ALL	651809.5	4185767	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
5060	ALL	651848.3	4185753	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.54E-06	0.00E+00	0.00E+00	6.54E-06
5061	ALL	651887.2	4185738	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
5062	ALL	651926	4185723	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5063	ALL	651964.8	4185709	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.64E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
5064	ALL	652003.7	4185694	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.67E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5065	ALL	652042.5	4185679	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
5066	ALL	652081.3	4185665	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.73E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
5067	ALL	652120.2	4185650	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5068	ALL	652159	4185635	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.79E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.18E-06	0.00E+00	0.00E+00	7.18E-06
5069	ALL	652197.8	4185621	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.81E-06	0.00E+00	4.65E-07	0.00E+00	1.24E-08	7.23E-06	0.00E+00	0.00E+00	7.23E-06
5070	ALL	652236.7	4185606	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.84E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.26E-06	0.00E+00	0.00E+00	7.26E-06
5071	ALL	652275.5	4185591	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.86E-06	0.00E+00	4.69E-07	0.00E+00	1.25E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5072	ALL	652314.3	4185576	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.90E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5073	ALL	652353.2	4185562	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.93E-06	0.00E+00	4.78E-07	0.00E+00	1.27E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
5074	ALL	652392	4185547	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.57E-06	0.00E+00	0.00E+00	7.57E-06
5075	ALL	652430.8	4185532	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	3.02E-06	0.00E+00	4.94E-07	0.00E+00	1.31E-08	7.70E-06	0.00E+00	0.00E+00	7.70E-06
5076	ALL	652469.7	4185518	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.08E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.85E-06	0.00E+00	0.00E+00	7.85E-06
5077	ALL	652508.5	4185503	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.13E-06	0.00E+00	5.15E-07	0.00E+00	1.37E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
5078	ALL	652547.3	4185488	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.18E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.17E-06	0.00E+00	0.00E+00	8.17E-06
5079	ALL	652586.2	4185474	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.22E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
5080	ALL	652625	4185459	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.26E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
5081	ALL	652663.8	4185444	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.30E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5082	ALL	652702.7	4185429	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.33E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5083	ALL	652741.5	4185415	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.36E-06	0.00E+00	5.61E-07	0.00E+00	1.49E-08	8.68E-06	0.00E+00	0.00E+00	8.68E-06
5084	ALL	652780.3	4185400	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.38E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.74E-06	0.00E+00	0.00E+00	8.74E-06
5085	ALL	652819.2	4185385	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.39E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
5086	ALL	652858	4185371	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.41E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
5087	ALL	652896.8	4185356	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.74E-07	0.00E+00	1.53E-08	8.87E-06	0.00E+00	0.00E+00	8.87E-06
5088	ALL	652935.7	4185341	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5089	ALL	652974.5	4185327	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.42E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5090	ALL	653013.3	4185312	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.41E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
5091	ALL	653052.2	4185297	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.39E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.82E-06	0.00E+00	0.00E+00	8.82E-06
5092	ALL	653091	4185283	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.37E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
5093	ALL	653129.8	4185268	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.35E-06	0.00E+00	5.61E-07	0.00E+00	1.49E-08	8.69E-06	0.00E+00	0.00E+00	8.69E-06
5094	ALL	653168.7	4185253	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.32E-06	0.00E+00	5.57E-07	0.00E+00	1.48E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5095	ALL	653207.5	4185238	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.30E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.55E-06	0.00E+00	0.00E+00	8.55E-06
5096	ALL	653246.3	4185224	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.27E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.49E-06	0.00E+00	0.00E+00	8.49E-06
5097	ALL	653285.2	4185209	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.25E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5098	ALL	653324	4185194	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.22E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.37E-06	0.00E+00	0.00E+00	8.37E-06
5099	ALL	653362.8	4185180	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.18E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06

5100	ALL	653401.7	4185165	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.14E-06	0.00E+00	5.31E-07	0.00E+00	1.42E-08	8.20E-06	0.00E+00	0.00E+00	8.20E-06
5101	ALL	653440.5	4185150	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.09E-06	0.00E+00	5.23E-07	0.00E+00	1.39E-08	8.08E-06	0.00E+00	0.00E+00	8.08E-06
5102	ALL	653479.3	4185136	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.04E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.92E-06	0.00E+00	0.00E+00	7.92E-06
5103	ALL	653518.2	4185121	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	2.98E-06	0.00E+00	5.00E-07	0.00E+00	1.33E-08	7.74E-06	0.00E+00	0.00E+00	7.74E-06
5104	ALL	653557	4185106	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.92E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5105	ALL	653595.8	4185091	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5106	ALL	653634.7	4185077	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.82E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.22E-06	0.00E+00	0.00E+00	7.22E-06
5107	ALL	653673.5	4185062	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.10E-06	0.00E+00	0.00E+00	7.10E-06
5108	ALL	653712.3	4185047	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.76E-06	0.00E+00	4.51E-07	0.00E+00	1.20E-08	7.03E-06	0.00E+00	0.00E+00	7.03E-06
5109	ALL	650846.3	4187771	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.74E-06	0.00E+00	6.12E-07	0.00E+00	1.63E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5110	ALL	650844.4	4187813	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.77E-06	0.00E+00	6.16E-07	0.00E+00	1.64E-08	9.60E-06	0.00E+00	0.00E+00	9.60E-06
5111	ALL	650842.6	4187855	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.81E-06	0.00E+00	6.22E-07	0.00E+00	1.65E-08	9.70E-06	0.00E+00	0.00E+00	9.70E-06
5112	ALL	650356.4	4187710	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.86E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5113	ALL	650373.8	4187672	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
5114	ALL	650391.2	4187634	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.88E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5115	ALL	650408.6	4187596	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.87E-06	0.00E+00	4.75E-07	0.00E+00	1.26E-08	7.37E-06	0.00E+00	0.00E+00	7.37E-06
5116	ALL	650426	4187558	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.86E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
5117	ALL	650443.5	4187521	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.85E-06	0.00E+00	4.73E-07	0.00E+00	1.26E-08	7.34E-06	0.00E+00	0.00E+00	7.34E-06
5118	ALL	650460.9	4187483	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.84E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.30E-06	0.00E+00	0.00E+00	7.30E-06
5119	ALL	650478.3	4187445	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.83E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.26E-06	0.00E+00	0.00E+00	7.26E-06
5120	ALL	650495.7	4187407	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.82E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.20E-06	0.00E+00	0.00E+00	7.20E-06
5121	ALL	650513.2	4187370	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.80E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
5122	ALL	650530.6	4187332	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5123	ALL	650548	4187294	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.79E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5124	ALL	650565.4	4187256	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.78E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
5125	ALL	650582.8	4187218	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.78E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5126	ALL	650600.3	4187181	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.78E-06	0.00E+00	4.56E-07	0.00E+00	1.21E-08	7.10E-06	0.00E+00	0.00E+00	7.10E-06
5127	ALL	650617.7	4187143	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.78E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5128	ALL	650635.1	4187105	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.77E-06	0.00E+00	4.58E-07	0.00E+00	1.22E-08	7.11E-06	0.00E+00	0.00E+00	7.11E-06
5129	ALL	650652.5	4187067	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.09E-06	0.00E+00	0.00E+00	7.09E-06
5130	ALL	650669.9	4187029	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
5131	ALL	650687.4	4186992	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.98E-06	0.00E+00	0.00E+00	6.98E-06
5132	ALL	650704.8	4186954	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.69E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
5133	ALL	650722.2	4186916	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.67E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5134	ALL	650739.6	4186878	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.65E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.75E-06	0.00E+00	0.00E+00	6.75E-06
5135	ALL	650757	4186841	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
5136	ALL	650774.5	4186803	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
5137	ALL	650791.9	4186765	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.60E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5138	ALL	650809.3	4186727	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.59E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
5139	ALL	650826.7	4186689	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
5140	ALL	650844.1	4186652	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.60E-06	0.00E+00	0.00E+00	6.60E-06
5141	ALL	650861.6	4186614	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.57E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.58E-06	0.00E+00	0.00E+00	6.58E-06
5142	ALL	650879	4186576	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06
5143	ALL	650896.4	4186538	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.55E-06	0.00E+00	4.19E-07	0.00E+00	1.11E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
5144	ALL	650913.8	4186501	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
5145	ALL	650931.3	4186463	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
5146	ALL	650948.7	4186425	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.52E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
5147	ALL	650966.1	4186387	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.16E-07	0.00E+00	1.11E-08	6.46E-06	0.00E+00	0.00E+00	6.46E-06
5148	ALL	650983.5	4186349	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.49E-06	0.00E+00	4.15E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
5149	ALL	651000.9	4186312	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.47E-06	0.00E+00	4.12E-07	0.00E+00	1.10E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06

5150	ALL	651018.4	4186274	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.45E-06	0.00E+00	4.07E-07	0.00E+00	1.08E-08	6.31E-06	0.00E+00	0.00E+00	6.31E-06
5151	ALL	651035.8	4186236	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.42E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.23E-06	0.00E+00	0.00E+00	6.23E-06
5152	ALL	651053.2	4186198	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.40E-06	0.00E+00	3.96E-07	0.00E+00	1.05E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
5153	ALL	651070.6	4186161	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.37E-06	0.00E+00	3.91E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
5154	ALL	651088	4186123	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.34E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	6.00E-06	0.00E+00	0.00E+00	6.00E-06
5155	ALL	651105.5	4186085	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.94E-06	0.00E+00	0.00E+00	5.94E-06
5156	ALL	651122.9	4186047	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
5157	ALL	651140.3	4186009	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.97E-09	9.97E-09	9.97E-09	2.27E-06	0.00E+00	3.74E-07	0.00E+00	9.97E-09	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5158	ALL	651157.7	4185972	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.85E-09	9.85E-09	9.85E-09	2.24E-06	0.00E+00	3.70E-07	0.00E+00	9.85E-09	5.75E-06	0.00E+00	0.00E+00	5.75E-06
5159	ALL	651175.1	4185934	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.21E-06	0.00E+00	3.65E-07	0.00E+00	9.73E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5160	ALL	651192.6	4185896	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.60E-09	9.60E-09	9.60E-09	2.18E-06	0.00E+00	3.61E-07	0.00E+00	9.60E-09	5.61E-06	0.00E+00	0.00E+00	5.61E-06
5161	ALL	651210	4185858	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.48E-09	9.48E-09	9.48E-09	2.16E-06	0.00E+00	3.56E-07	0.00E+00	9.48E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5162	ALL	651227.4	4185820	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.37E-09	9.37E-09	9.37E-09	2.13E-06	0.00E+00	3.52E-07	0.00E+00	9.37E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5163	ALL	651244.8	4185783	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.28E-09	9.28E-09	9.28E-09	2.11E-06	0.00E+00	3.49E-07	0.00E+00	9.28E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5164	ALL	651262.3	4185745	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.20E-09	9.20E-09	9.20E-09	2.09E-06	0.00E+00	3.46E-07	0.00E+00	9.20E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5165	ALL	651279.7	4185707	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.07E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.32E-06	0.00E+00	0.00E+00	5.32E-06
5166	ALL	651297.1	4185669	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.03E-09	9.03E-09	9.03E-09	2.05E-06	0.00E+00	3.39E-07	0.00E+00	9.03E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5167	ALL	651314.5	4185632	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.92E-09	8.92E-09	8.92E-09	2.03E-06	0.00E+00	3.35E-07	0.00E+00	8.92E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5168	ALL	651331.9	4185594	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.82E-09	8.82E-09	8.82E-09	2.01E-06	0.00E+00	3.31E-07	0.00E+00	8.82E-09	5.15E-06	0.00E+00	0.00E+00	5.15E-06
5169	ALL	651349.4	4185556	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.73E-09	8.73E-09	8.73E-09	1.99E-06	0.00E+00	3.28E-07	0.00E+00	8.73E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
5170	ALL	651366.8	4185518	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.64E-09	8.64E-09	8.64E-09	1.97E-06	0.00E+00	3.25E-07	0.00E+00	8.64E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
5171	ALL	651384.2	4185480	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.57E-09	8.57E-09	8.57E-09	1.96E-06	0.00E+00	3.22E-07	0.00E+00	8.57E-09	5.01E-06	0.00E+00	0.00E+00	5.01E-06
5172	ALL	651401.6	4185443	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.51E-09	8.51E-09	8.51E-09	1.94E-06	0.00E+00	3.20E-07	0.00E+00	8.51E-09	4.97E-06	0.00E+00	0.00E+00	4.97E-06
5173	ALL	651429.8	4185416	NonCancer	0.00E+00	1.28E-07	0.00E+00	8.51E-09	8.51E-09	8.51E-09	1.94E-06	0.00E+00	3.20E-07	0.00E+00	8.51E-09	4.97E-06	0.00E+00	0.00E+00	4.97E-06
5174	ALL	651468.7	4185402	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.57E-09	8.57E-09	8.57E-09	1.96E-06	0.00E+00	3.22E-07	0.00E+00	8.57E-09	5.01E-06	0.00E+00	0.00E+00	5.01E-06
5175	ALL	651507.6	4185387	NonCancer	0.00E+00	1.30E-07	0.00E+00	8.62E-09	8.62E-09	8.62E-09	1.97E-06	0.00E+00	3.24E-07	0.00E+00	8.62E-09	5.04E-06	0.00E+00	0.00E+00	5.04E-06
5176	ALL	651546.5	4185372	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.68E-09	8.68E-09	8.68E-09	1.99E-06	0.00E+00	3.26E-07	0.00E+00	8.68E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
5177	ALL	651585.4	4185357	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.74E-09	8.74E-09	8.74E-09	2.00E-06	0.00E+00	3.28E-07	0.00E+00	8.74E-09	5.11E-06	0.00E+00	0.00E+00	5.11E-06
5178	ALL	651624.3	4185343	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.81E-09	8.81E-09	8.81E-09	2.02E-06	0.00E+00	3.31E-07	0.00E+00	8.81E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
5179	ALL	651663.3	4185328	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.04E-06	0.00E+00	3.34E-07	0.00E+00	8.90E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5180	ALL	651702.2	4185313	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.01E-09	9.01E-09	9.01E-09	2.06E-06	0.00E+00	3.39E-07	0.00E+00	9.01E-09	5.27E-06	0.00E+00	0.00E+00	5.27E-06
5181	ALL	651741.1	4185299	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.14E-09	9.14E-09	9.14E-09	2.08E-06	0.00E+00	3.44E-07	0.00E+00	9.14E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5182	ALL	651780	4185284	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.28E-09	9.28E-09	9.28E-09	2.11E-06	0.00E+00	3.49E-07	0.00E+00	9.28E-09	5.41E-06	0.00E+00	0.00E+00	5.41E-06
5183	ALL	651818.9	4185269	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.13E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.48E-06	0.00E+00	0.00E+00	5.48E-06
5184	ALL	651857.8	4185254	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.50E-09	9.50E-09	9.50E-09	2.15E-06	0.00E+00	3.57E-07	0.00E+00	9.50E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5185	ALL	651896.7	4185240	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.16E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.57E-06	0.00E+00	0.00E+00	5.57E-06
5186	ALL	651935.6	4185225	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.60E-09	9.60E-09	9.60E-09	2.18E-06	0.00E+00	3.61E-07	0.00E+00	9.60E-09	5.60E-06	0.00E+00	0.00E+00	5.60E-06
5187	ALL	651974.6	4185210	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.19E-06	0.00E+00	3.61E-07	0.00E+00	9.62E-09	5.62E-06	0.00E+00	0.00E+00	5.62E-06
5188	ALL	652013.5	4185196	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.64E-09	9.64E-09	9.64E-09	2.21E-06	0.00E+00	3.62E-07	0.00E+00	9.64E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
5189	ALL	652052.4	4185181	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.68E-09	9.68E-09	9.68E-09	2.23E-06	0.00E+00	3.64E-07	0.00E+00	9.68E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5190	ALL	652091.3	4185166	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.76E-09	9.76E-09	9.76E-09	2.25E-06	0.00E+00	3.67E-07	0.00E+00	9.76E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
5191	ALL	652130.2	4185151	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.86E-09	9.86E-09	9.86E-09	2.28E-06	0.00E+00	3.71E-07	0.00E+00	9.86E-09	5.79E-06	0.00E+00	0.00E+00	5.79E-06
5192	ALL	652169.1	4185137	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.31E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5193	ALL	652208	4185122	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.34E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
5194	ALL	652246.9	4185107	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.37E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.06E-06	0.00E+00	0.00E+00	6.06E-06
5195	ALL	652285.8	4185092	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.41E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.17E-06	0.00E+00	0.00E+00	6.17E-06
5196	ALL	652324.8	4185078	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.44E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.27E-06	0.00E+00	0.00E+00	6.27E-06
5197	ALL	652363.7	4185063	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.11E-07	0.00E+00	1.09E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06
5198	ALL	652402.6	4185048	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.51E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.47E-06	0.00E+00	0.00E+00	6.47E-06
5199	ALL	652441.5	4185034	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06

5200	ALL	652480.4	4185019	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.56E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
5201	ALL	652519.3	4185004	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
5202	ALL	652558.2	4184989	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.59E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
5203	ALL	652597.1	4184975	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.61E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.75E-06	0.00E+00	0.00E+00	6.75E-06
5204	ALL	652636	4184960	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.62E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
5205	ALL	652675	4184945	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.64E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5206	ALL	652713.9	4184930	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
5207	ALL	652752.8	4184916	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.65E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5208	ALL	652791.7	4184901	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.89E-06	0.00E+00	0.00E+00	6.89E-06
5209	ALL	652830.6	4184886	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
5210	ALL	652869.5	4184872	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.65E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
5211	ALL	652908.4	4184857	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.64E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.86E-06	0.00E+00	0.00E+00	6.86E-06
5212	ALL	652947.3	4184842	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.63E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
5213	ALL	652986.3	4184827	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.62E-06	0.00E+00	4.38E-07	0.00E+00	1.17E-08	6.78E-06	0.00E+00	0.00E+00	6.78E-06
5214	ALL	653025.2	4184813	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.60E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06
5215	ALL	653064.1	4184798	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.58E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
5216	ALL	653103	4184783	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.57E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.65E-06	0.00E+00	0.00E+00	6.65E-06
5217	ALL	653141.9	4184768	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.55E-06	0.00E+00	4.26E-07	0.00E+00	1.14E-08	6.61E-06	0.00E+00	0.00E+00	6.61E-06
5218	ALL	653180.8	4184754	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.53E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
5219	ALL	653219.7	4184739	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.52E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.53E-06	0.00E+00	0.00E+00	6.53E-06
5220	ALL	653258.6	4184724	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.50E-06	0.00E+00	4.20E-07	0.00E+00	1.12E-08	6.49E-06	0.00E+00	0.00E+00	6.49E-06
5221	ALL	653297.5	4184710	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.47E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
5222	ALL	653336.5	4184695	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.45E-06	0.00E+00	4.13E-07	0.00E+00	1.10E-08	6.38E-06	0.00E+00	0.00E+00	6.38E-06
5223	ALL	653375.4	4184680	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.42E-06	0.00E+00	4.08E-07	0.00E+00	1.09E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
5224	ALL	653414.3	4184665	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.38E-06	0.00E+00	4.02E-07	0.00E+00	1.07E-08	6.21E-06	0.00E+00	0.00E+00	6.21E-06
5225	ALL	653453.2	4184651	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.34E-06	0.00E+00	3.94E-07	0.00E+00	1.05E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
5226	ALL	653492.1	4184636	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.30E-06	0.00E+00	3.85E-07	0.00E+00	1.03E-08	5.97E-06	0.00E+00	0.00E+00	5.97E-06
5227	ALL	653531	4184621	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.26E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5228	ALL	653569.9	4184606	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.77E-09	9.77E-09	9.77E-09	2.22E-06	0.00E+00	3.67E-07	0.00E+00	9.77E-09	5.71E-06	0.00E+00	0.00E+00	5.71E-06
5229	ALL	653608.8	4184592	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.56E-09	9.56E-09	9.56E-09	2.19E-06	0.00E+00	3.59E-07	0.00E+00	9.56E-09	5.60E-06	0.00E+00	0.00E+00	5.60E-06
5230	ALL	653647.8	4184577	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.16E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06
5231	ALL	653686.7	4184562	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.14E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.45E-06	0.00E+00	0.00E+00	5.45E-06
5232	ALL	653725.6	4184548	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.24E-09	9.24E-09	9.24E-09	2.13E-06	0.00E+00	3.47E-07	0.00E+00	9.24E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5233	ALL	650346.7	4187749	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.87E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.32E-06	0.00E+00	0.00E+00	7.32E-06
5234	ALL	650344.9	4187791	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.89E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.36E-06	0.00E+00	0.00E+00	7.36E-06
5235	ALL	650343.1	4187833	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.92E-06	0.00E+00	4.75E-07	0.00E+00	1.26E-08	7.42E-06	0.00E+00	0.00E+00	7.42E-06
5236	ALL	649856.8	4187688	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.94E-09	9.94E-09	9.94E-09	2.28E-06	0.00E+00	3.74E-07	0.00E+00	9.94E-09	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5237	ALL	649874.3	4187650	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.28E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5238	ALL	649891.7	4187612	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.28E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.85E-06	0.00E+00	0.00E+00	5.85E-06
5239	ALL	649909.2	4187574	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5240	ALL	649926.6	4187536	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5241	ALL	649944.1	4187499	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.87E-06	0.00E+00	0.00E+00	5.87E-06
5242	ALL	649961.5	4187461	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.86E-06	0.00E+00	0.00E+00	5.86E-06
5243	ALL	649979	4187423	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.27E-06	0.00E+00	3.76E-07	0.00E+00	1.00E-08	5.84E-06	0.00E+00	0.00E+00	5.84E-06
5244	ALL	649996.4	4187385	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.95E-09	9.95E-09	9.95E-09	2.26E-06	0.00E+00	3.74E-07	0.00E+00	9.95E-09	5.80E-06	0.00E+00	0.00E+00	5.80E-06
5245	ALL	650013.9	4187347	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.87E-09	9.87E-09	9.87E-09	2.25E-06	0.00E+00	3.71E-07	0.00E+00	9.87E-09	5.76E-06	0.00E+00	0.00E+00	5.76E-06
5246	ALL	650031.3	4187309	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.78E-09	9.78E-09	9.78E-09	2.24E-06	0.00E+00	3.68E-07	0.00E+00	9.78E-09	5.72E-06	0.00E+00	0.00E+00	5.72E-06
5247	ALL	650048.8	4187272	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.71E-09	9.71E-09	9.71E-09	2.23E-06	0.00E+00	3.65E-07	0.00E+00	9.71E-09	5.68E-06	0.00E+00	0.00E+00	5.68E-06
5248	ALL	650066.2	4187234	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.65E-09	9.65E-09	9.65E-09	2.22E-06	0.00E+00	3.63E-07	0.00E+00	9.65E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
5249	ALL	650083.7	4187196	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.22E-06	0.00E+00	3.62E-07	0.00E+00	9.62E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06

5250	ALL	650101.1	4187158	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.62E-09	9.62E-09	9.62E-09	2.21E-06	0.00E+00	3.62E-07	0.00E+00	9.62E-09	5.64E-06	0.00E+00	0.00E+00	5.64E-06
5251	ALL	650118.6	4187120	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.64E-09	9.64E-09	9.64E-09	2.22E-06	0.00E+00	3.63E-07	0.00E+00	9.64E-09	5.65E-06	0.00E+00	0.00E+00	5.65E-06
5252	ALL	650136	4187082	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.68E-09	9.68E-09	9.68E-09	2.22E-06	0.00E+00	3.64E-07	0.00E+00	9.68E-09	5.66E-06	0.00E+00	0.00E+00	5.66E-06
5253	ALL	650153.4	4187045	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.71E-09	9.71E-09	9.71E-09	2.22E-06	0.00E+00	3.65E-07	0.00E+00	9.71E-09	5.67E-06	0.00E+00	0.00E+00	5.67E-06
5254	ALL	650170.9	4187007	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.74E-09	9.74E-09	9.74E-09	2.22E-06	0.00E+00	3.66E-07	0.00E+00	9.74E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
5255	ALL	650188.3	4186969	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.76E-09	9.76E-09	9.76E-09	2.21E-06	0.00E+00	3.67E-07	0.00E+00	9.76E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
5256	ALL	650205.8	4186931	NonCancer	0.00E+00	1.47E-07	0.00E+00	9.73E-09	9.73E-09	9.73E-09	2.20E-06	0.00E+00	3.66E-07	0.00E+00	9.73E-09	5.67E-06	0.00E+00	0.00E+00	5.67E-06
5257	ALL	650223.2	4186893	NonCancer	0.00E+00	1.46E-07	0.00E+00	9.66E-09	9.66E-09	9.66E-09	2.19E-06	0.00E+00	3.63E-07	0.00E+00	9.66E-09	5.63E-06	0.00E+00	0.00E+00	5.63E-06
5258	ALL	650240.7	4186855	NonCancer	0.00E+00	1.45E-07	0.00E+00	9.59E-09	9.59E-09	9.59E-09	2.18E-06	0.00E+00	3.60E-07	0.00E+00	9.59E-09	5.59E-06	0.00E+00	0.00E+00	5.59E-06
5259	ALL	650258.1	4186817	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.48E-09	9.48E-09	9.48E-09	2.16E-06	0.00E+00	3.56E-07	0.00E+00	9.48E-09	5.54E-06	0.00E+00	0.00E+00	5.54E-06
5260	ALL	650275.6	4186780	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.36E-09	9.36E-09	9.36E-09	2.14E-06	0.00E+00	3.52E-07	0.00E+00	9.36E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5261	ALL	650293	4186742	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.25E-09	9.25E-09	9.25E-09	2.12E-06	0.00E+00	3.48E-07	0.00E+00	9.25E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5262	ALL	650310.5	4186704	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.17E-09	9.17E-09	9.17E-09	2.11E-06	0.00E+00	3.45E-07	0.00E+00	9.17E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5263	ALL	650327.9	4186666	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.10E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5264	ALL	650345.4	4186628	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.09E-09	9.09E-09	9.09E-09	2.08E-06	0.00E+00	3.42E-07	0.00E+00	9.09E-09	5.32E-06	0.00E+00	0.00E+00	5.32E-06
5265	ALL	650362.8	4186590	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.08E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5266	ALL	650380.3	4186553	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5267	ALL	650397.7	4186515	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.07E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
5268	ALL	650415.2	4186477	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.06E-09	9.06E-09	9.06E-09	2.06E-06	0.00E+00	3.40E-07	0.00E+00	9.06E-09	5.29E-06	0.00E+00	0.00E+00	5.29E-06
5269	ALL	650432.6	4186439	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.03E-09	9.03E-09	9.03E-09	2.06E-06	0.00E+00	3.39E-07	0.00E+00	9.03E-09	5.27E-06	0.00E+00	0.00E+00	5.27E-06
5270	ALL	650450	4186401	NonCancer	0.00E+00	1.36E-07	0.00E+00	8.99E-09	8.99E-09	8.99E-09	2.05E-06	0.00E+00	3.38E-07	0.00E+00	8.99E-09	5.25E-06	0.00E+00	0.00E+00	5.25E-06
5271	ALL	650467.5	4186363	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.94E-09	8.94E-09	8.94E-09	2.04E-06	0.00E+00	3.36E-07	0.00E+00	8.94E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
5272	ALL	650484.9	4186326	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.90E-09	8.90E-09	8.90E-09	2.04E-06	0.00E+00	3.34E-07	0.00E+00	8.90E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5273	ALL	650502.4	4186288	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.87E-09	8.87E-09	8.87E-09	2.03E-06	0.00E+00	3.33E-07	0.00E+00	8.87E-09	5.19E-06	0.00E+00	0.00E+00	5.19E-06
5274	ALL	650519.8	4186250	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5275	ALL	650537.3	4186212	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.86E-09	8.86E-09	8.86E-09	2.02E-06	0.00E+00	3.33E-07	0.00E+00	8.86E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5276	ALL	650554.7	4186174	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.88E-09	8.88E-09	8.88E-09	2.01E-06	0.00E+00	3.33E-07	0.00E+00	8.88E-09	5.18E-06	0.00E+00	0.00E+00	5.18E-06
5277	ALL	650572.2	4186136	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.87E-09	8.87E-09	8.87E-09	2.00E-06	0.00E+00	3.33E-07	0.00E+00	8.87E-09	5.16E-06	0.00E+00	0.00E+00	5.16E-06
5278	ALL	650589.6	4186099	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.83E-09	8.83E-09	8.83E-09	1.99E-06	0.00E+00	3.32E-07	0.00E+00	8.83E-09	5.14E-06	0.00E+00	0.00E+00	5.14E-06
5279	ALL	650607.1	4186061	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	1.97E-06	0.00E+00	3.29E-07	0.00E+00	8.77E-09	5.10E-06	0.00E+00	0.00E+00	5.10E-06
5280	ALL	650624.5	4186023	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.68E-09	8.68E-09	8.68E-09	1.96E-06	0.00E+00	3.26E-07	0.00E+00	8.68E-09	5.05E-06	0.00E+00	0.00E+00	5.05E-06
5281	ALL	650642	4185985	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.56E-09	8.56E-09	8.56E-09	1.94E-06	0.00E+00	3.22E-07	0.00E+00	8.56E-09	4.99E-06	0.00E+00	0.00E+00	4.99E-06
5282	ALL	650659.4	4185947	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.45E-09	8.45E-09	8.45E-09	1.92E-06	0.00E+00	3.17E-07	0.00E+00	8.45E-09	4.93E-06	0.00E+00	0.00E+00	4.93E-06
5283	ALL	650676.9	4185909	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.34E-09	8.34E-09	8.34E-09	1.90E-06	0.00E+00	3.14E-07	0.00E+00	8.34E-09	4.87E-06	0.00E+00	0.00E+00	4.87E-06
5284	ALL	650694.3	4185872	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.25E-09	8.25E-09	8.25E-09	1.88E-06	0.00E+00	3.10E-07	0.00E+00	8.25E-09	4.82E-06	0.00E+00	0.00E+00	4.82E-06
5285	ALL	650711.7	4185834	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.18E-09	8.18E-09	8.18E-09	1.87E-06	0.00E+00	3.07E-07	0.00E+00	8.18E-09	4.78E-06	0.00E+00	0.00E+00	4.78E-06
5286	ALL	650729.2	4185796	NonCancer	0.00E+00	1.22E-07	0.00E+00	8.10E-09	8.10E-09	8.10E-09	1.85E-06	0.00E+00	3.04E-07	0.00E+00	8.10E-09	4.73E-06	0.00E+00	0.00E+00	4.73E-06
5287	ALL	650746.6	4185758	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.83E-06	0.00E+00	3.01E-07	0.00E+00	8.02E-09	4.68E-06	0.00E+00	0.00E+00	4.68E-06
5288	ALL	650764.1	4185720	NonCancer	0.00E+00	1.20E-07	0.00E+00	7.96E-09	7.96E-09	7.96E-09	1.81E-06	0.00E+00	2.99E-07	0.00E+00	7.96E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
5289	ALL	650781.5	4185682	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.88E-09	7.88E-09	7.88E-09	1.79E-06	0.00E+00	2.96E-07	0.00E+00	7.88E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
5290	ALL	650799	4185644	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.79E-09	7.79E-09	7.79E-09	1.77E-06	0.00E+00	2.93E-07	0.00E+00	7.79E-09	4.55E-06	0.00E+00	0.00E+00	4.55E-06
5291	ALL	650816.4	4185607	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.70E-09	7.70E-09	7.70E-09	1.75E-06	0.00E+00	2.89E-07	0.00E+00	7.70E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5292	ALL	650833.9	4185569	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.62E-09	7.62E-09	7.62E-09	1.73E-06	0.00E+00	2.86E-07	0.00E+00	7.62E-09	4.45E-06	0.00E+00	0.00E+00	4.45E-06
5293	ALL	650851.3	4185531	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.54E-09	7.54E-09	7.54E-09	1.72E-06	0.00E+00	2.83E-07	0.00E+00	7.54E-09	4.40E-06	0.00E+00	0.00E+00	4.40E-06
5294	ALL	650868.8	4185493	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.48E-09	7.48E-09	7.48E-09	1.70E-06	0.00E+00	2.81E-07	0.00E+00	7.48E-09	4.37E-06	0.00E+00	0.00E+00	4.37E-06
5295	ALL	650886.2	4185455	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.42E-09	7.42E-09	7.42E-09	1.68E-06	0.00E+00	2.79E-07	0.00E+00	7.42E-09	4.33E-06	0.00E+00	0.00E+00	4.33E-06
5296	ALL	650903.7	4185417	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.37E-09	7.37E-09	7.37E-09	1.67E-06	0.00E+00	2.77E-07	0.00E+00	7.37E-09	4.29E-06	0.00E+00	0.00E+00	4.29E-06
5297	ALL	650921.1	4185380	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.31E-09	7.31E-09	7.31E-09	1.65E-06	0.00E+00	2.74E-07	0.00E+00	7.31E-09	4.26E-06	0.00E+00	0.00E+00	4.26E-06
5298	ALL	650938.6	4185342	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.24E-09	7.24E-09	7.24E-09	1.64E-06	0.00E+00	2.72E-07	0.00E+00	7.24E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
5299	ALL	650956	4185304	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.17E-09	7.17E-09	7.17E-09	1.62E-06	0.00E+00	2.69E-07	0.00E+00	7.17E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06

5300	ALL	650973.5	4185266	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.09E-09	7.09E-09	7.09E-09	1.61E-06	0.00E+00	2.66E-07	0.00E+00	7.09E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
5301	ALL	650990.9	4185228	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.02E-09	7.02E-09	7.02E-09	1.60E-06	0.00E+00	2.64E-07	0.00E+00	7.02E-09	4.10E-06	0.00E+00	0.00E+00	4.10E-06
5302	ALL	651008.3	4185190	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.95E-09	6.95E-09	6.95E-09	1.59E-06	0.00E+00	2.61E-07	0.00E+00	6.95E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
5303	ALL	651025.8	4185153	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.58E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
5304	ALL	651043.2	4185115	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.85E-09	6.85E-09	6.85E-09	1.57E-06	0.00E+00	2.57E-07	0.00E+00	6.85E-09	4.00E-06	0.00E+00	0.00E+00	4.00E-06
5305	ALL	651060.7	4185077	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.81E-09	6.81E-09	6.81E-09	1.56E-06	0.00E+00	2.56E-07	0.00E+00	6.81E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
5306	ALL	651088.9	4185051	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.81E-09	6.81E-09	6.81E-09	1.56E-06	0.00E+00	2.56E-07	0.00E+00	6.81E-09	3.98E-06	0.00E+00	0.00E+00	3.98E-06
5307	ALL	651127.9	4185036	NonCancer	0.00E+00	1.03E-07	0.00E+00	6.86E-09	6.86E-09	6.86E-09	1.57E-06	0.00E+00	2.58E-07	0.00E+00	6.86E-09	4.01E-06	0.00E+00	0.00E+00	4.01E-06
5308	ALL	651166.8	4185021	NonCancer	0.00E+00	1.04E-07	0.00E+00	6.90E-09	6.90E-09	6.90E-09	1.58E-06	0.00E+00	2.59E-07	0.00E+00	6.90E-09	4.03E-06	0.00E+00	0.00E+00	4.03E-06
5309	ALL	651205.8	4185006	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.94E-09	6.94E-09	6.94E-09	1.59E-06	0.00E+00	2.61E-07	0.00E+00	6.94E-09	4.06E-06	0.00E+00	0.00E+00	4.06E-06
5310	ALL	651244.8	4184992	NonCancer	0.00E+00	1.05E-07	0.00E+00	6.98E-09	6.98E-09	6.98E-09	1.60E-06	0.00E+00	2.62E-07	0.00E+00	6.98E-09	4.08E-06	0.00E+00	0.00E+00	4.08E-06
5311	ALL	651283.7	4184977	NonCancer	0.00E+00	1.06E-07	0.00E+00	7.02E-09	7.02E-09	7.02E-09	1.61E-06	0.00E+00	2.64E-07	0.00E+00	7.02E-09	4.11E-06	0.00E+00	0.00E+00	4.11E-06
5312	ALL	651322.7	4184962	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.07E-09	7.07E-09	7.07E-09	1.62E-06	0.00E+00	2.66E-07	0.00E+00	7.07E-09	4.14E-06	0.00E+00	0.00E+00	4.14E-06
5313	ALL	651361.7	4184947	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.14E-09	7.14E-09	7.14E-09	1.64E-06	0.00E+00	2.68E-07	0.00E+00	7.14E-09	4.18E-06	0.00E+00	0.00E+00	4.18E-06
5314	ALL	651400.7	4184933	NonCancer	0.00E+00	1.09E-07	0.00E+00	7.22E-09	7.22E-09	7.22E-09	1.65E-06	0.00E+00	2.71E-07	0.00E+00	7.22E-09	4.22E-06	0.00E+00	0.00E+00	4.22E-06
5315	ALL	651439.6	4184918	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.31E-09	7.31E-09	7.31E-09	1.67E-06	0.00E+00	2.75E-07	0.00E+00	7.31E-09	4.27E-06	0.00E+00	0.00E+00	4.27E-06
5316	ALL	651478.6	4184903	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.41E-09	7.41E-09	7.41E-09	1.68E-06	0.00E+00	2.78E-07	0.00E+00	7.41E-09	4.32E-06	0.00E+00	0.00E+00	4.32E-06
5317	ALL	651517.6	4184888	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.50E-09	7.50E-09	7.50E-09	1.70E-06	0.00E+00	2.82E-07	0.00E+00	7.50E-09	4.37E-06	0.00E+00	0.00E+00	4.37E-06
5318	ALL	651556.5	4184874	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.59E-09	7.59E-09	7.59E-09	1.71E-06	0.00E+00	2.85E-07	0.00E+00	7.59E-09	4.42E-06	0.00E+00	0.00E+00	4.42E-06
5319	ALL	651595.5	4184859	NonCancer	0.00E+00	1.15E-07	0.00E+00	7.65E-09	7.65E-09	7.65E-09	1.72E-06	0.00E+00	2.87E-07	0.00E+00	7.65E-09	4.45E-06	0.00E+00	0.00E+00	4.45E-06
5320	ALL	651634.5	4184844	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.68E-09	7.68E-09	7.68E-09	1.74E-06	0.00E+00	2.89E-07	0.00E+00	7.68E-09	4.47E-06	0.00E+00	0.00E+00	4.47E-06
5321	ALL	651673.4	4184829	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.70E-09	7.70E-09	7.70E-09	1.75E-06	0.00E+00	2.89E-07	0.00E+00	7.70E-09	4.49E-06	0.00E+00	0.00E+00	4.49E-06
5322	ALL	651712.4	4184815	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.71E-09	7.71E-09	7.71E-09	1.75E-06	0.00E+00	2.90E-07	0.00E+00	7.71E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5323	ALL	651751.4	4184800	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.72E-09	7.72E-09	7.72E-09	1.76E-06	0.00E+00	2.90E-07	0.00E+00	7.72E-09	4.51E-06	0.00E+00	0.00E+00	4.51E-06
5324	ALL	651790.4	4184785	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.74E-09	7.74E-09	7.74E-09	1.78E-06	0.00E+00	2.91E-07	0.00E+00	7.74E-09	4.53E-06	0.00E+00	0.00E+00	4.53E-06
5325	ALL	651829.3	4184770	NonCancer	0.00E+00	1.17E-07	0.00E+00	7.78E-09	7.78E-09	7.78E-09	1.79E-06	0.00E+00	2.92E-07	0.00E+00	7.78E-09	4.56E-06	0.00E+00	0.00E+00	4.56E-06
5326	ALL	651868.3	4184756	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.84E-09	7.84E-09	7.84E-09	1.81E-06	0.00E+00	2.95E-07	0.00E+00	7.84E-09	4.60E-06	0.00E+00	0.00E+00	4.60E-06
5327	ALL	651907.3	4184741	NonCancer	0.00E+00	1.19E-07	0.00E+00	7.92E-09	7.92E-09	7.92E-09	1.83E-06	0.00E+00	2.98E-07	0.00E+00	7.92E-09	4.65E-06	0.00E+00	0.00E+00	4.65E-06
5328	ALL	651946.2	4184726	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.02E-09	8.02E-09	8.02E-09	1.85E-06	0.00E+00	3.02E-07	0.00E+00	8.02E-09	4.70E-06	0.00E+00	0.00E+00	4.70E-06
5329	ALL	651985.2	4184711	NonCancer	0.00E+00	1.23E-07	0.00E+00	8.14E-09	8.14E-09	8.14E-09	1.87E-06	0.00E+00	3.06E-07	0.00E+00	8.14E-09	4.77E-06	0.00E+00	0.00E+00	4.77E-06
5330	ALL	652024.2	4184697	NonCancer	0.00E+00	1.25E-07	0.00E+00	8.28E-09	8.28E-09	8.28E-09	1.90E-06	0.00E+00	3.11E-07	0.00E+00	8.28E-09	4.84E-06	0.00E+00	0.00E+00	4.84E-06
5331	ALL	652063.1	4184682	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.42E-09	8.42E-09	8.42E-09	1.92E-06	0.00E+00	3.16E-07	0.00E+00	8.42E-09	4.92E-06	0.00E+00	0.00E+00	4.92E-06
5332	ALL	652102.1	4184667	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.56E-09	8.56E-09	8.56E-09	1.95E-06	0.00E+00	3.22E-07	0.00E+00	8.56E-09	5.00E-06	0.00E+00	0.00E+00	5.00E-06
5333	ALL	652141.1	4184652	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.70E-09	8.70E-09	8.70E-09	1.97E-06	0.00E+00	3.27E-07	0.00E+00	8.70E-09	5.07E-06	0.00E+00	0.00E+00	5.07E-06
5334	ALL	652180.1	4184638	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.83E-09	8.83E-09	8.83E-09	1.99E-06	0.00E+00	3.32E-07	0.00E+00	8.83E-09	5.14E-06	0.00E+00	0.00E+00	5.14E-06
5335	ALL	652219	4184623	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.95E-09	8.95E-09	8.95E-09	2.02E-06	0.00E+00	3.36E-07	0.00E+00	8.95E-09	5.21E-06	0.00E+00	0.00E+00	5.21E-06
5336	ALL	652258	4184608	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.04E-09	9.04E-09	9.04E-09	2.03E-06	0.00E+00	3.40E-07	0.00E+00	9.04E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5337	ALL	652297	4184593	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.05E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.30E-06	0.00E+00	0.00E+00	5.30E-06
5338	ALL	652335.9	4184579	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.18E-09	9.18E-09	9.18E-09	2.06E-06	0.00E+00	3.45E-07	0.00E+00	9.18E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5339	ALL	652374.9	4184564	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.23E-09	9.23E-09	9.23E-09	2.08E-06	0.00E+00	3.47E-07	0.00E+00	9.23E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5340	ALL	652413.9	4184549	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.27E-09	9.27E-09	9.27E-09	2.09E-06	0.00E+00	3.48E-07	0.00E+00	9.27E-09	5.39E-06	0.00E+00	0.00E+00	5.39E-06
5341	ALL	652452.8	4184534	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.31E-09	9.31E-09	9.31E-09	2.10E-06	0.00E+00	3.50E-07	0.00E+00	9.31E-09	5.42E-06	0.00E+00	0.00E+00	5.42E-06
5342	ALL	652491.8	4184520	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.35E-09	9.35E-09	9.35E-09	2.11E-06	0.00E+00	3.51E-07	0.00E+00	9.35E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
5343	ALL	652530.8	4184505	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.40E-09	9.40E-09	9.40E-09	2.11E-06	0.00E+00	3.53E-07	0.00E+00	9.40E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5344	ALL	652569.8	4184490	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.45E-09	9.45E-09	9.45E-09	2.12E-06	0.00E+00	3.55E-07	0.00E+00	9.45E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
5345	ALL	652608.7	4184475	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.49E-09	9.49E-09	9.49E-09	2.13E-06	0.00E+00	3.56E-07	0.00E+00	9.49E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06
5346	ALL	652647.7	4184461	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.51E-09	9.51E-09	9.51E-09	2.13E-06	0.00E+00	3.57E-07	0.00E+00	9.51E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5347	ALL	652686.7	4184446	NonCancer	0.00E+00	1.44E-07	0.00E+00	9.52E-09	9.52E-09	9.52E-09	2.13E-06	0.00E+00	3.58E-07	0.00E+00	9.52E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5348	ALL	652725.6	4184431	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.52E-09	9.52E-09	9.52E-09	2.13E-06	0.00E+00	3.57E-07	0.00E+00	9.52E-09	5.53E-06	0.00E+00	0.00E+00	5.53E-06
5349	ALL	652764.6	4184416	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.50E-09	9.50E-09	9.50E-09	2.12E-06	0.00E+00	3.56E-07	0.00E+00	9.50E-09	5.51E-06	0.00E+00	0.00E+00	5.51E-06

5350	ALL	652803.6	4184402	NonCancer	0.00E+00	1.43E-07	0.00E+00	9.46E-09	9.46E-09	9.46E-09	2.12E-06	0.00E+00	3.55E-07	0.00E+00	9.46E-09	5.49E-06	0.00E+00	0.00E+00	5.49E-06
5351	ALL	652842.5	4184387	NonCancer	0.00E+00	1.42E-07	0.00E+00	9.41E-09	9.41E-09	9.41E-09	2.11E-06	0.00E+00	3.53E-07	0.00E+00	9.41E-09	5.47E-06	0.00E+00	0.00E+00	5.47E-06
5352	ALL	652881.5	4184372	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.35E-09	9.35E-09	9.35E-09	2.10E-06	0.00E+00	3.51E-07	0.00E+00	9.35E-09	5.44E-06	0.00E+00	0.00E+00	5.44E-06
5353	ALL	652920.5	4184357	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.29E-09	9.29E-09	9.29E-09	2.09E-06	0.00E+00	3.49E-07	0.00E+00	9.29E-09	5.40E-06	0.00E+00	0.00E+00	5.40E-06
5354	ALL	652959.4	4184343	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.23E-09	9.23E-09	9.23E-09	2.08E-06	0.00E+00	3.47E-07	0.00E+00	9.23E-09	5.37E-06	0.00E+00	0.00E+00	5.37E-06
5355	ALL	652998.4	4184328	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.17E-09	9.17E-09	9.17E-09	2.06E-06	0.00E+00	3.44E-07	0.00E+00	9.17E-09	5.34E-06	0.00E+00	0.00E+00	5.34E-06
5356	ALL	653037.4	4184313	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.12E-09	9.12E-09	9.12E-09	2.05E-06	0.00E+00	3.43E-07	0.00E+00	9.12E-09	5.31E-06	0.00E+00	0.00E+00	5.31E-06
5357	ALL	653076.4	4184299	NonCancer	0.00E+00	1.37E-07	0.00E+00	9.08E-09	9.08E-09	9.08E-09	2.04E-06	0.00E+00	3.41E-07	0.00E+00	9.08E-09	5.28E-06	0.00E+00	0.00E+00	5.28E-06
5358	ALL	653115.3	4184284	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.04E-09	9.04E-09	9.04E-09	2.03E-06	0.00E+00	3.39E-07	0.00E+00	9.04E-09	5.26E-06	0.00E+00	0.00E+00	5.26E-06
5359	ALL	653154.3	4184269	NonCancer	0.00E+00	1.36E-07	0.00E+00	9.00E-09	9.00E-09	9.00E-09	2.02E-06	0.00E+00	3.38E-07	0.00E+00	9.00E-09	5.23E-06	0.00E+00	0.00E+00	5.23E-06
5360	ALL	653193.3	4184254	NonCancer	0.00E+00	1.35E-07	0.00E+00	8.96E-09	8.96E-09	8.96E-09	2.00E-06	0.00E+00	3.36E-07	0.00E+00	8.96E-09	5.20E-06	0.00E+00	0.00E+00	5.20E-06
5361	ALL	653232.2	4184240	NonCancer	0.00E+00	1.34E-07	0.00E+00	8.91E-09	8.91E-09	8.91E-09	1.99E-06	0.00E+00	3.35E-07	0.00E+00	8.91E-09	5.17E-06	0.00E+00	0.00E+00	5.17E-06
5362	ALL	653271.2	4184225	NonCancer	0.00E+00	1.33E-07	0.00E+00	8.85E-09	8.85E-09	8.85E-09	1.97E-06	0.00E+00	3.32E-07	0.00E+00	8.85E-09	5.13E-06	0.00E+00	0.00E+00	5.13E-06
5363	ALL	653310.2	4184210	NonCancer	0.00E+00	1.32E-07	0.00E+00	8.77E-09	8.77E-09	8.77E-09	1.95E-06	0.00E+00	3.29E-07	0.00E+00	8.77E-09	5.08E-06	0.00E+00	0.00E+00	5.08E-06
5364	ALL	653349.1	4184195	NonCancer	0.00E+00	1.31E-07	0.00E+00	8.66E-09	8.66E-09	8.66E-09	1.93E-06	0.00E+00	3.25E-07	0.00E+00	8.66E-09	5.02E-06	0.00E+00	0.00E+00	5.02E-06
5365	ALL	653388.1	4184181	NonCancer	0.00E+00	1.29E-07	0.00E+00	8.53E-09	8.53E-09	8.53E-09	1.90E-06	0.00E+00	3.20E-07	0.00E+00	8.53E-09	4.95E-06	0.00E+00	0.00E+00	4.95E-06
5366	ALL	653427.1	4184166	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.37E-09	8.37E-09	8.37E-09	1.87E-06	0.00E+00	3.14E-07	0.00E+00	8.37E-09	4.86E-06	0.00E+00	0.00E+00	4.86E-06
5367	ALL	653466.1	4184151	NonCancer	0.00E+00	1.24E-07	0.00E+00	8.20E-09	8.20E-09	8.20E-09	1.84E-06	0.00E+00	3.08E-07	0.00E+00	8.20E-09	4.77E-06	0.00E+00	0.00E+00	4.77E-06
5368	ALL	653505	4184136	NonCancer	0.00E+00	1.21E-07	0.00E+00	8.01E-09	8.01E-09	8.01E-09	1.81E-06	0.00E+00	3.01E-07	0.00E+00	8.01E-09	4.67E-06	0.00E+00	0.00E+00	4.67E-06
5369	ALL	653544	4184122	NonCancer	0.00E+00	1.18E-07	0.00E+00	7.84E-09	7.84E-09	7.84E-09	1.78E-06	0.00E+00	2.95E-07	0.00E+00	7.84E-09	4.58E-06	0.00E+00	0.00E+00	4.58E-06
5370	ALL	653583	4184107	NonCancer	0.00E+00	1.16E-07	0.00E+00	7.68E-09	7.68E-09	7.68E-09	1.76E-06	0.00E+00	2.89E-07	0.00E+00	7.68E-09	4.50E-06	0.00E+00	0.00E+00	4.50E-06
5371	ALL	653621.9	4184092	NonCancer	0.00E+00	1.14E-07	0.00E+00	7.55E-09	7.55E-09	7.55E-09	1.74E-06	0.00E+00	2.84E-07	0.00E+00	7.55E-09	4.43E-06	0.00E+00	0.00E+00	4.43E-06
5372	ALL	653660.9	4184077	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.46E-09	7.46E-09	7.46E-09	1.72E-06	0.00E+00	2.81E-07	0.00E+00	7.46E-09	4.38E-06	0.00E+00	0.00E+00	4.38E-06
5373	ALL	653699.9	4184063	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.41E-09	7.41E-09	7.41E-09	1.71E-06	0.00E+00	2.79E-07	0.00E+00	7.41E-09	4.35E-06	0.00E+00	0.00E+00	4.35E-06
5374	ALL	653738.8	4184048	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.39E-09	7.39E-09	7.39E-09	1.70E-06	0.00E+00	2.78E-07	0.00E+00	7.39E-09	4.33E-06	0.00E+00	0.00E+00	4.33E-06
5375	ALL	649847.2	4187728	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.93E-09	9.93E-09	9.93E-09	2.28E-06	0.00E+00	3.73E-07	0.00E+00	9.93E-09	5.82E-06	0.00E+00	0.00E+00	5.82E-06
5376	ALL	649845.4	4187769	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.97E-09	9.97E-09	9.97E-09	2.30E-06	0.00E+00	3.75E-07	0.00E+00	9.97E-09	5.85E-06	0.00E+00	0.00E+00	5.85E-06
5377	ALL	649843.6	4187811	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.31E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
5378	ALL	653669	4187987	NonCancer	0.00E+00	1.50E-04	0.00E+00	9.90E-06	9.90E-06	9.90E-06	3.31E-03	0.00E+00	3.80E-04	0.00E+00	9.90E-06	6.56E-03	0.00E+00	0.00E+00	6.56E-03
5379	ALL	653652.2	4188006	NonCancer	0.00E+00	8.94E-05	0.00E+00	5.92E-06	5.92E-06	5.92E-06	2.07E-03	0.00E+00	2.28E-04	0.00E+00	5.92E-06	4.00E-03	0.00E+00	0.00E+00	4.00E-03
5380	ALL	653635.4	4188024	NonCancer	0.00E+00	5.86E-05	0.00E+00	3.88E-06	3.88E-06	3.88E-06	1.27E-03	0.00E+00	1.49E-04	0.00E+00	3.88E-06	2.56E-03	0.00E+00	0.00E+00	2.56E-03
5381	ALL	653618	4188041	NonCancer	0.00E+00	4.17E-05	0.00E+00	2.76E-06	2.76E-06	2.76E-06	8.55E-04	0.00E+00	1.06E-04	0.00E+00	2.76E-06	1.78E-03	0.00E+00	0.00E+00	1.78E-03
5382	ALL	653608.6	4188019	NonCancer	0.00E+00	4.42E-05	0.00E+00	2.93E-06	2.93E-06	2.93E-06	9.02E-04	0.00E+00	1.12E-04	0.00E+00	2.93E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
5383	ALL	653599.3	4187997	NonCancer	0.00E+00	4.41E-05	0.00E+00	2.92E-06	2.92E-06	2.92E-06	8.64E-04	0.00E+00	1.11E-04	0.00E+00	2.92E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
5384	ALL	653631.7	4188061	NonCancer	0.00E+00	4.05E-05	0.00E+00	2.68E-06	2.68E-06	2.68E-06	8.01E-04	0.00E+00	1.02E-04	0.00E+00	2.68E-06	1.71E-03	0.00E+00	0.00E+00	1.71E-03
5385	ALL	653584.5	4188079	NonCancer	0.00E+00	2.43E-05	0.00E+00	1.61E-06	1.61E-06	1.61E-06	4.58E-04	0.00E+00	6.13E-05	0.00E+00	1.61E-06	1.01E-03	0.00E+00	0.00E+00	1.01E-03
5386	ALL	653575.6	4188058	NonCancer	0.00E+00	2.57E-05	0.00E+00	1.70E-06	1.70E-06	1.70E-06	4.89E-04	0.00E+00	6.47E-05	0.00E+00	1.70E-06	1.07E-03	0.00E+00	0.00E+00	1.07E-03
5387	ALL	653566.7	4188036	NonCancer	0.00E+00	2.68E-05	0.00E+00	1.77E-06	1.77E-06	1.77E-06	5.07E-04	0.00E+00	6.75E-05	0.00E+00	1.77E-06	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5388	ALL	653557.8	4188015	NonCancer	0.00E+00	2.69E-05	0.00E+00	1.78E-06	1.78E-06	1.78E-06	5.03E-04	0.00E+00	6.77E-05	0.00E+00	1.78E-06	1.11E-03	0.00E+00	0.00E+00	1.11E-03
5389	ALL	653549	4187994	NonCancer	0.00E+00	2.63E-05	0.00E+00	1.75E-06	1.75E-06	1.75E-06	4.73E-04	0.00E+00	6.62E-05	0.00E+00	1.75E-06	1.08E-03	0.00E+00	0.00E+00	1.08E-03
5390	ALL	653598.1	4188098	NonCancer	0.00E+00	2.37E-05	0.00E+00	1.57E-06	1.57E-06	1.57E-06	4.32E-04	0.00E+00	5.96E-05	0.00E+00	1.57E-06	9.73E-04	0.00E+00	0.00E+00	9.73E-04
5391	ALL	653550.7	4188115	NonCancer	0.00E+00	1.62E-05	0.00E+00	1.07E-06	1.07E-06	1.07E-06	2.89E-04	0.00E+00	4.07E-05	0.00E+00	1.07E-06	6.61E-04	0.00E+00	0.00E+00	6.61E-04
5392	ALL	653541.3	4188093	NonCancer	0.00E+00	1.69E-05	0.00E+00	1.12E-06	1.12E-06	1.12E-06	3.07E-04	0.00E+00	4.26E-05	0.00E+00	1.12E-06	6.94E-04	0.00E+00	0.00E+00	6.94E-04
5393	ALL	653532	4188071	NonCancer	0.00E+00	1.77E-05	0.00E+00	1.18E-06	1.18E-06	1.18E-06	3.22E-04	0.00E+00	4.46E-05	0.00E+00	1.18E-06	7.27E-04	0.00E+00	0.00E+00	7.27E-04
5394	ALL	653522.7	4188048	NonCancer	0.00E+00	1.83E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	3.30E-04	0.00E+00	4.59E-05	0.00E+00	1.21E-06	7.48E-04	0.00E+00	0.00E+00	7.48E-04
5395	ALL	653513.4	4188026	NonCancer	0.00E+00	1.82E-05	0.00E+00	1.21E-06	1.21E-06	1.21E-06	3.28E-04	0.00E+00	4.58E-05	0.00E+00	1.21E-06	7.46E-04	0.00E+00	0.00E+00	7.46E-04
5396	ALL	653504.1	4188004	NonCancer	0.00E+00	1.80E-05	0.00E+00	1.19E-06	1.19E-06	1.19E-06	3.15E-04	0.00E+00	4.52E-05	0.00E+00	1.19E-06	7.29E-04	0.00E+00	0.00E+00	7.29E-04
5397	ALL	653517.1	4188153	NonCancer	0.00E+00	1.17E-05	0.00E+00	7.74E-07	7.74E-07	7.74E-07	2.01E-04	0.00E+00	2.92E-05	0.00E+00	7.74E-07	4.70E-04	0.00E+00	0.00E+00	4.70E-04
5398	ALL	653508.1	4188131	NonCancer	0.00E+00	1.21E-05	0.00E+00	8.01E-07	8.01E-07	8.01E-07	2.11E-04	0.00E+00	3.03E-05	0.00E+00	8.01E-07	4.89E-04	0.00E+00	0.00E+00	4.89E-04
5399	ALL	653499	4188109	NonCancer	0.00E+00	1.25E-05	0.00E+00	8.32E-07	8.32E-07	8.32E-07	2.20E-04	0.00E+00	3.15E-05	0.00E+00	8.32E-07	5.09E-04	0.00E+00	0.00E+00	5.09E-04

5400	ALL	653490	4188087	NonCancer	0.00E+00	1.30E-05	0.00E+00	8.63E-07	8.63E-07	8.63E-07	2.29E-04	0.00E+00	3.27E-05	0.00E+00	8.63E-07	5.28E-04	0.00E+00	0.00E+00	5.28E-04
5401	ALL	653480.9	4188066	NonCancer	0.00E+00	1.33E-05	0.00E+00	8.83E-07	8.83E-07	8.83E-07	2.34E-04	0.00E+00	3.34E-05	0.00E+00	8.83E-07	5.40E-04	0.00E+00	0.00E+00	5.40E-04
5402	ALL	653471.9	4188044	NonCancer	0.00E+00	1.34E-05	0.00E+00	8.85E-07	8.85E-07	8.85E-07	2.33E-04	0.00E+00	3.35E-05	0.00E+00	8.85E-07	5.41E-04	0.00E+00	0.00E+00	5.41E-04
5403	ALL	653462.8	4188022	NonCancer	0.00E+00	1.32E-05	0.00E+00	8.77E-07	8.77E-07	8.77E-07	2.29E-04	0.00E+00	3.32E-05	0.00E+00	8.77E-07	5.34E-04	0.00E+00	0.00E+00	5.34E-04
5404	ALL	653453.7	4188000	NonCancer	0.00E+00	1.31E-05	0.00E+00	8.67E-07	8.67E-07	8.67E-07	2.20E-04	0.00E+00	3.27E-05	0.00E+00	8.67E-07	5.23E-04	0.00E+00	0.00E+00	5.23E-04
5405	ALL	653483.4	4188189	NonCancer	0.00E+00	8.87E-06	0.00E+00	5.88E-07	5.88E-07	5.88E-07	1.49E-04	0.00E+00	2.22E-05	0.00E+00	5.88E-07	3.54E-04	0.00E+00	0.00E+00	3.54E-04
5406	ALL	653474	4188167	NonCancer	0.00E+00	9.14E-06	0.00E+00	6.06E-07	6.06E-07	6.06E-07	1.56E-04	0.00E+00	2.29E-05	0.00E+00	6.06E-07	3.67E-04	0.00E+00	0.00E+00	3.67E-04
5407	ALL	653464.7	4188145	NonCancer	0.00E+00	9.43E-06	0.00E+00	6.25E-07	6.25E-07	6.25E-07	1.62E-04	0.00E+00	2.36E-05	0.00E+00	6.25E-07	3.80E-04	0.00E+00	0.00E+00	3.80E-04
5408	ALL	653455.4	4188122	NonCancer	0.00E+00	9.78E-06	0.00E+00	6.49E-07	6.49E-07	6.49E-07	1.68E-04	0.00E+00	2.45E-05	0.00E+00	6.49E-07	3.94E-04	0.00E+00	0.00E+00	3.94E-04
5409	ALL	653446.1	4188100	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.68E-07	6.68E-07	6.68E-07	1.73E-04	0.00E+00	2.53E-05	0.00E+00	6.68E-07	4.06E-04	0.00E+00	0.00E+00	4.06E-04
5410	ALL	653436.8	4188078	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.79E-07	6.79E-07	6.79E-07	1.75E-04	0.00E+00	2.57E-05	0.00E+00	6.79E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5411	ALL	653427.5	4188055	NonCancer	0.00E+00	1.02E-05	0.00E+00	6.79E-07	6.79E-07	6.79E-07	1.75E-04	0.00E+00	2.57E-05	0.00E+00	6.79E-07	4.12E-04	0.00E+00	0.00E+00	4.12E-04
5412	ALL	653418.2	4188033	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.73E-07	6.73E-07	6.73E-07	1.73E-04	0.00E+00	2.54E-05	0.00E+00	6.73E-07	4.08E-04	0.00E+00	0.00E+00	4.08E-04
5413	ALL	653408.8	4188010	NonCancer	0.00E+00	1.01E-05	0.00E+00	6.69E-07	6.69E-07	6.69E-07	1.68E-04	0.00E+00	2.53E-05	0.00E+00	6.69E-07	4.02E-04	0.00E+00	0.00E+00	4.02E-04
5414	ALL	653399.5	4187988	NonCancer	0.00E+00	9.80E-06	0.00E+00	6.50E-07	6.50E-07	6.50E-07	1.59E-04	0.00E+00	2.45E-05	0.00E+00	6.50E-07	3.87E-04	0.00E+00	0.00E+00	3.87E-04
5415	ALL	653449.8	4188227	NonCancer	0.00E+00	6.99E-06	0.00E+00	4.64E-07	4.64E-07	4.64E-07	1.15E-04	0.00E+00	1.75E-05	0.00E+00	4.64E-07	2.78E-04	0.00E+00	0.00E+00	2.78E-04
5416	ALL	653440.7	4188205	NonCancer	0.00E+00	7.18E-06	0.00E+00	4.76E-07	4.76E-07	4.76E-07	1.20E-04	0.00E+00	1.80E-05	0.00E+00	4.76E-07	2.87E-04	0.00E+00	0.00E+00	2.87E-04
5417	ALL	653431.5	4188183	NonCancer	0.00E+00	7.36E-06	0.00E+00	4.88E-07	4.88E-07	4.88E-07	1.24E-04	0.00E+00	1.84E-05	0.00E+00	4.88E-07	2.94E-04	0.00E+00	0.00E+00	2.94E-04
5418	ALL	653422.4	4188161	NonCancer	0.00E+00	7.59E-06	0.00E+00	5.03E-07	5.03E-07	5.03E-07	1.28E-04	0.00E+00	1.90E-05	0.00E+00	5.03E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
5419	ALL	653413.3	4188139	NonCancer	0.00E+00	7.83E-06	0.00E+00	5.19E-07	5.19E-07	5.19E-07	1.32E-04	0.00E+00	1.96E-05	0.00E+00	5.19E-07	3.14E-04	0.00E+00	0.00E+00	3.14E-04
5420	ALL	653404.2	4188117	NonCancer	0.00E+00	8.02E-06	0.00E+00	5.32E-07	5.32E-07	5.32E-07	1.35E-04	0.00E+00	2.01E-05	0.00E+00	5.32E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
5421	ALL	653395	4188095	NonCancer	0.00E+00	8.14E-06	0.00E+00	5.40E-07	5.40E-07	5.40E-07	1.37E-04	0.00E+00	2.04E-05	0.00E+00	5.40E-07	3.26E-04	0.00E+00	0.00E+00	3.26E-04
5422	ALL	653385.9	4188073	NonCancer	0.00E+00	8.16E-06	0.00E+00	5.41E-07	5.41E-07	5.41E-07	1.37E-04	0.00E+00	2.04E-05	0.00E+00	5.41E-07	3.27E-04	0.00E+00	0.00E+00	3.27E-04
5423	ALL	653376.8	4188051	NonCancer	0.00E+00	8.08E-06	0.00E+00	5.36E-07	5.36E-07	5.36E-07	1.36E-04	0.00E+00	2.03E-05	0.00E+00	5.36E-07	3.24E-04	0.00E+00	0.00E+00	3.24E-04
5424	ALL	653367.6	4188029	NonCancer	0.00E+00	8.06E-06	0.00E+00	5.35E-07	5.35E-07	5.35E-07	1.34E-04	0.00E+00	2.02E-05	0.00E+00	5.35E-07	3.21E-04	0.00E+00	0.00E+00	3.21E-04
5425	ALL	653358.5	4188007	NonCancer	0.00E+00	8.01E-06	0.00E+00	5.31E-07	5.31E-07	5.31E-07	1.30E-04	0.00E+00	2.00E-05	0.00E+00	5.31E-07	3.17E-04	0.00E+00	0.00E+00	3.17E-04
5426	ALL	653349.4	4187985	NonCancer	0.00E+00	7.73E-06	0.00E+00	5.13E-07	5.13E-07	5.13E-07	1.24E-04	0.00E+00	1.93E-05	0.00E+00	5.13E-07	3.04E-04	0.00E+00	0.00E+00	3.04E-04
5427	ALL	653382.3	4188300	NonCancer	0.00E+00	4.72E-06	0.00E+00	3.13E-07	3.13E-07	3.13E-07	7.55E-05	0.00E+00	1.18E-05	0.00E+00	3.13E-07	1.86E-04	0.00E+00	0.00E+00	1.86E-04
5428	ALL	653372.9	4188277	NonCancer	0.00E+00	4.83E-06	0.00E+00	3.20E-07	3.20E-07	3.20E-07	7.83E-05	0.00E+00	1.21E-05	0.00E+00	3.20E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
5429	ALL	653363.4	4188255	NonCancer	0.00E+00	4.92E-06	0.00E+00	3.26E-07	3.26E-07	3.26E-07	8.05E-05	0.00E+00	1.23E-05	0.00E+00	3.26E-07	1.95E-04	0.00E+00	0.00E+00	1.95E-04
5430	ALL	653353.9	4188232	NonCancer	0.00E+00	5.02E-06	0.00E+00	3.33E-07	3.33E-07	3.33E-07	8.26E-05	0.00E+00	1.26E-05	0.00E+00	3.33E-07	2.00E-04	0.00E+00	0.00E+00	2.00E-04
5431	ALL	653344.5	4188209	NonCancer	0.00E+00	5.17E-06	0.00E+00	3.43E-07	3.43E-07	3.43E-07	8.49E-05	0.00E+00	1.29E-05	0.00E+00	3.43E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
5432	ALL	653335	4188186	NonCancer	0.00E+00	5.31E-06	0.00E+00	3.52E-07	3.52E-07	3.52E-07	8.73E-05	0.00E+00	1.33E-05	0.00E+00	3.52E-07	2.11E-04	0.00E+00	0.00E+00	2.11E-04
5433	ALL	653325.5	4188164	NonCancer	0.00E+00	5.43E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	8.94E-05	0.00E+00	1.36E-05	0.00E+00	3.60E-07	2.16E-04	0.00E+00	0.00E+00	2.16E-04
5434	ALL	653316.1	4188141	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	9.08E-05	0.00E+00	1.38E-05	0.00E+00	3.66E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5435	ALL	653306.6	4188118	NonCancer	0.00E+00	5.58E-06	0.00E+00	3.70E-07	3.70E-07	3.70E-07	9.16E-05	0.00E+00	1.40E-05	0.00E+00	3.70E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
5436	ALL	653297.1	4188096	NonCancer	0.00E+00	5.57E-06	0.00E+00	3.69E-07	3.69E-07	3.69E-07	9.15E-05	0.00E+00	1.39E-05	0.00E+00	3.69E-07	2.21E-04	0.00E+00	0.00E+00	2.21E-04
5437	ALL	653287.7	4188073	NonCancer	0.00E+00	5.51E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	9.10E-05	0.00E+00	1.38E-05	0.00E+00	3.66E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5438	ALL	653278.2	4188050	NonCancer	0.00E+00	5.51E-06	0.00E+00	3.65E-07	3.65E-07	3.65E-07	9.02E-05	0.00E+00	1.38E-05	0.00E+00	3.65E-07	2.19E-04	0.00E+00	0.00E+00	2.19E-04
5439	ALL	653268.7	4188027	NonCancer	0.00E+00	5.52E-06	0.00E+00	3.66E-07	3.66E-07	3.66E-07	8.88E-05	0.00E+00	1.38E-05	0.00E+00	3.66E-07	2.18E-04	0.00E+00	0.00E+00	2.18E-04
5440	ALL	653259.3	4188005	NonCancer	0.00E+00	5.44E-06	0.00E+00	3.60E-07	3.60E-07	3.60E-07	8.61E-05	0.00E+00	1.36E-05	0.00E+00	3.60E-07	2.13E-04	0.00E+00	0.00E+00	2.13E-04
5441	ALL	653249.8	4187982	NonCancer	0.00E+00	5.22E-06	0.00E+00	3.46E-07	3.46E-07	3.46E-07	8.21E-05	0.00E+00	1.30E-05	0.00E+00	3.46E-07	2.05E-04	0.00E+00	0.00E+00	2.05E-04
5442	ALL	653396.2	4188320	NonCancer	0.00E+00	4.62E-06	0.00E+00	3.07E-07	3.07E-07	3.07E-07	7.32E-05	0.00E+00	1.15E-05	0.00E+00	3.07E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
5443	ALL	653315	4188374	NonCancer	0.00E+00	3.43E-06	0.00E+00	2.28E-07	2.28E-07	2.28E-07	5.40E-05	0.00E+00	8.57E-06	0.00E+00	2.28E-07	1.35E-04	0.00E+00	0.00E+00	1.35E-04
5444	ALL	653305.6	4188351	NonCancer	0.00E+00	3.51E-06	0.00E+00	2.33E-07	2.33E-07	2.33E-07	5.58E-05	0.00E+00	8.76E-06	0.00E+00	2.33E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
5445	ALL	653296.2	4188329	NonCancer	0.00E+00	3.56E-06	0.00E+00	2.36E-07	2.36E-07	2.36E-07	5.71E-05	0.00E+00	8.89E-06	0.00E+00	2.36E-07	1.40E-04	0.00E+00	0.00E+00	1.40E-04
5446	ALL	653286.7	4188306	NonCancer	0.00E+00	3.61E-06	0.00E+00	2.39E-07	2.39E-07	2.39E-07	5.83E-05	0.00E+00	9.02E-06	0.00E+00	2.39E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
5447	ALL	653277.3	4188283	NonCancer	0.00E+00	3.68E-06	0.00E+00	2.44E-07	2.44E-07	2.44E-07	5.95E-05	0.00E+00	9.20E-06	0.00E+00	2.44E-07	1.45E-04	0.00E+00	0.00E+00	1.45E-04
5448	ALL	653267.8	4188261	NonCancer	0.00E+00	3.77E-06	0.00E+00	2.50E-07	2.50E-07	2.50E-07	6.09E-05	0.00E+00	9.42E-06	0.00E+00	2.50E-07	1.49E-04	0.00E+00	0.00E+00	1.49E-04
5449	ALL	653258.4	4188238	NonCancer	0.00E+00	3.86E-06	0.00E+00	2.56E-07	2.56E-07	2.56E-07	6.24E-05	0.00E+00	9.66E-06	0.00E+00	2.56E-07	1.53E-04	0.00E+00	0.00E+00	1.53E-04

5450	ALL	653249	4188215	NonCancer	0.00E+00	3.94E-06	0.00E+00	2.61E-07	2.61E-07	2.61E-07	6.38E-05	0.00E+00	9.85E-06	0.00E+00	2.61E-07	1.56E-04	0.00E+00	0.00E+00	1.56E-04
5451	ALL	653239.5	4188193	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.65E-07	2.65E-07	2.65E-07	6.49E-05	0.00E+00	1.00E-05	0.00E+00	2.65E-07	1.58E-04	0.00E+00	0.00E+00	1.58E-04
5452	ALL	653230.1	4188170	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.57E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5453	ALL	653220.7	4188147	NonCancer	0.00E+00	4.10E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	6.61E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
5454	ALL	653211.2	4188125	NonCancer	0.00E+00	4.09E-06	0.00E+00	2.72E-07	2.72E-07	2.72E-07	6.61E-05	0.00E+00	1.02E-05	0.00E+00	2.72E-07	1.62E-04	0.00E+00	0.00E+00	1.62E-04
5455	ALL	653201.8	4188102	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.59E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
5456	ALL	653192.4	4188079	NonCancer	0.00E+00	4.03E-06	0.00E+00	2.67E-07	2.67E-07	2.67E-07	6.56E-05	0.00E+00	1.01E-05	0.00E+00	2.67E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5457	ALL	653182.9	4188057	NonCancer	0.00E+00	4.05E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.52E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.60E-04	0.00E+00	0.00E+00	1.60E-04
5458	ALL	653173.5	4188034	NonCancer	0.00E+00	4.06E-06	0.00E+00	2.69E-07	2.69E-07	2.69E-07	6.43E-05	0.00E+00	1.01E-05	0.00E+00	2.69E-07	1.59E-04	0.00E+00	0.00E+00	1.59E-04
5459	ALL	653164	4188011	NonCancer	0.00E+00	4.00E-06	0.00E+00	2.66E-07	2.66E-07	2.66E-07	6.27E-05	0.00E+00	9.99E-06	0.00E+00	2.66E-07	1.57E-04	0.00E+00	0.00E+00	1.57E-04
5460	ALL	653154.6	4187989	NonCancer	0.00E+00	3.87E-06	0.00E+00	2.57E-07	2.57E-07	2.57E-07	6.04E-05	0.00E+00	9.67E-06	0.00E+00	2.57E-07	1.51E-04	0.00E+00	0.00E+00	1.51E-04
5461	ALL	653328.9	4188394	NonCancer	0.00E+00	3.37E-06	0.00E+00	2.23E-07	2.23E-07	2.23E-07	5.26E-05	0.00E+00	8.41E-06	0.00E+00	2.23E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
5462	ALL	653247.7	4188448	NonCancer	0.00E+00	2.63E-06	0.00E+00	1.75E-07	1.75E-07	1.75E-07	4.10E-05	0.00E+00	6.57E-06	0.00E+00	1.75E-07	1.03E-04	0.00E+00	0.00E+00	1.03E-04
5463	ALL	653238.3	4188426	NonCancer	0.00E+00	2.69E-06	0.00E+00	1.78E-07	1.78E-07	1.78E-07	4.21E-05	0.00E+00	6.70E-06	0.00E+00	1.78E-07	1.05E-04	0.00E+00	0.00E+00	1.05E-04
5464	ALL	653228.9	4188403	NonCancer	0.00E+00	2.72E-06	0.00E+00	1.80E-07	1.80E-07	1.80E-07	4.31E-05	0.00E+00	6.79E-06	0.00E+00	1.80E-07	1.07E-04	0.00E+00	0.00E+00	1.07E-04
5465	ALL	653219.5	4188380	NonCancer	0.00E+00	2.75E-06	0.00E+00	1.82E-07	1.82E-07	1.82E-07	4.38E-05	0.00E+00	6.87E-06	0.00E+00	1.82E-07	1.08E-04	0.00E+00	0.00E+00	1.08E-04
5466	ALL	653210.1	4188358	NonCancer	0.00E+00	2.78E-06	0.00E+00	1.85E-07	1.85E-07	1.85E-07	4.46E-05	0.00E+00	6.96E-06	0.00E+00	1.85E-07	1.10E-04	0.00E+00	0.00E+00	1.10E-04
5467	ALL	653200.7	4188335	NonCancer	0.00E+00	2.83E-06	0.00E+00	1.88E-07	1.88E-07	1.88E-07	4.54E-05	0.00E+00	7.08E-06	0.00E+00	1.88E-07	1.12E-04	0.00E+00	0.00E+00	1.12E-04
5468	ALL	653191.2	4188312	NonCancer	0.00E+00	2.89E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.62E-05	0.00E+00	7.23E-06	0.00E+00	1.92E-07	1.14E-04	0.00E+00	0.00E+00	1.14E-04
5469	ALL	653181.8	4188290	NonCancer	0.00E+00	2.96E-06	0.00E+00	1.96E-07	1.96E-07	1.96E-07	4.72E-05	0.00E+00	7.39E-06	0.00E+00	1.96E-07	1.16E-04	0.00E+00	0.00E+00	1.16E-04
5470	ALL	653172.4	4188267	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.82E-05	0.00E+00	7.53E-06	0.00E+00	2.00E-07	1.19E-04	0.00E+00	0.00E+00	1.19E-04
5471	ALL	653163	4188245	NonCancer	0.00E+00	3.06E-06	0.00E+00	2.03E-07	2.03E-07	2.03E-07	4.90E-05	0.00E+00	7.64E-06	0.00E+00	2.03E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
5472	ALL	653153.6	4188222	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.97E-05	0.00E+00	7.73E-06	0.00E+00	2.05E-07	1.22E-04	0.00E+00	0.00E+00	1.22E-04
5473	ALL	653144.1	4188199	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	5.02E-05	0.00E+00	7.82E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5474	ALL	653134.7	4188177	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	5.04E-05	0.00E+00	7.90E-06	0.00E+00	2.10E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
5475	ALL	653125.3	4188154	NonCancer	0.00E+00	3.16E-06	0.00E+00	2.10E-07	2.10E-07	2.10E-07	5.05E-05	0.00E+00	7.90E-06	0.00E+00	2.10E-07	1.24E-04	0.00E+00	0.00E+00	1.24E-04
5476	ALL	653115.9	4188131	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	5.03E-05	0.00E+00	7.82E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5477	ALL	653106.5	4188109	NonCancer	0.00E+00	3.10E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	5.01E-05	0.00E+00	7.75E-06	0.00E+00	2.06E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5478	ALL	653097.1	4188086	NonCancer	0.00E+00	3.11E-06	0.00E+00	2.06E-07	2.06E-07	2.06E-07	4.99E-05	0.00E+00	7.76E-06	0.00E+00	2.06E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5479	ALL	653087.6	4188064	NonCancer	0.00E+00	3.13E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.97E-05	0.00E+00	7.82E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5480	ALL	653078.2	4188041	NonCancer	0.00E+00	3.14E-06	0.00E+00	2.08E-07	2.08E-07	2.08E-07	4.91E-05	0.00E+00	7.83E-06	0.00E+00	2.08E-07	1.23E-04	0.00E+00	0.00E+00	1.23E-04
5481	ALL	653068.8	4188018	NonCancer	0.00E+00	3.09E-06	0.00E+00	2.05E-07	2.05E-07	2.05E-07	4.80E-05	0.00E+00	7.72E-06	0.00E+00	2.05E-07	1.21E-04	0.00E+00	0.00E+00	1.21E-04
5482	ALL	653059.4	4187996	NonCancer	0.00E+00	3.01E-06	0.00E+00	2.00E-07	2.00E-07	2.00E-07	4.66E-05	0.00E+00	7.51E-06	0.00E+00	2.00E-07	1.17E-04	0.00E+00	0.00E+00	1.17E-04
5483	ALL	653050	4187973	NonCancer	0.00E+00	2.90E-06	0.00E+00	1.92E-07	1.92E-07	1.92E-07	4.48E-05	0.00E+00	7.22E-06	0.00E+00	1.92E-07	1.13E-04	0.00E+00	0.00E+00	1.13E-04
5484	ALL	653180.4	4188522	NonCancer	0.00E+00	2.09E-06	0.00E+00	1.39E-07	1.39E-07	1.39E-07	3.23E-05	0.00E+00	5.22E-06	0.00E+00	1.39E-07	8.15E-05	0.00E+00	0.00E+00	8.15E-05
5485	ALL	653171	4188500	NonCancer	0.00E+00	2.13E-06	0.00E+00	1.41E-07	1.41E-07	1.41E-07	3.32E-05	0.00E+00	5.32E-06	0.00E+00	1.41E-07	8.33E-05	0.00E+00	0.00E+00	8.33E-05
5486	ALL	653161.6	4188477	NonCancer	0.00E+00	2.16E-06	0.00E+00	1.43E-07	1.43E-07	1.43E-07	3.38E-05	0.00E+00	5.39E-06	0.00E+00	1.43E-07	8.45E-05	0.00E+00	0.00E+00	8.45E-05
5487	ALL	653152.2	4188454	NonCancer	0.00E+00	2.18E-06	0.00E+00	1.44E-07	1.44E-07	1.44E-07	3.44E-05	0.00E+00	5.44E-06	0.00E+00	1.44E-07	8.55E-05	0.00E+00	0.00E+00	8.55E-05
5488	ALL	653142.8	4188432	NonCancer	0.00E+00	2.20E-06	0.00E+00	1.46E-07	1.46E-07	1.46E-07	3.49E-05	0.00E+00	5.49E-06	0.00E+00	1.46E-07	8.64E-05	0.00E+00	0.00E+00	8.64E-05
5489	ALL	653133.4	4188409	NonCancer	0.00E+00	2.23E-06	0.00E+00	1.48E-07	1.48E-07	1.48E-07	3.54E-05	0.00E+00	5.56E-06	0.00E+00	1.48E-07	8.75E-05	0.00E+00	0.00E+00	8.75E-05
5490	ALL	653124	4188387	NonCancer	0.00E+00	2.26E-06	0.00E+00	1.50E-07	1.50E-07	1.50E-07	3.59E-05	0.00E+00	5.65E-06	0.00E+00	1.50E-07	8.89E-05	0.00E+00	0.00E+00	8.89E-05
5491	ALL	653114.6	4188364	NonCancer	0.00E+00	2.30E-06	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.65E-05	0.00E+00	5.75E-06	0.00E+00	1.53E-07	9.05E-05	0.00E+00	0.00E+00	9.05E-05
5492	ALL	653105.2	4188341	NonCancer	0.00E+00	2.35E-06	0.00E+00	1.56E-07	1.56E-07	1.56E-07	3.72E-05	0.00E+00	5.87E-06	0.00E+00	1.56E-07	9.23E-05	0.00E+00	0.00E+00	9.23E-05
5493	ALL	653095.8	4188319	NonCancer	0.00E+00	2.39E-06	0.00E+00	1.59E-07	1.59E-07	1.59E-07	3.79E-05	0.00E+00	5.97E-06	0.00E+00	1.59E-07	9.39E-05	0.00E+00	0.00E+00	9.39E-05
5494	ALL	653086.4	4188296	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.61E-07	1.61E-07	1.61E-07	3.85E-05	0.00E+00	6.05E-06	0.00E+00	1.61E-07	9.53E-05	0.00E+00	0.00E+00	9.53E-05
5495	ALL	653077	4188274	NonCancer	0.00E+00	2.45E-06	0.00E+00	1.62E-07	1.62E-07	1.62E-07	3.90E-05	0.00E+00	6.12E-06	0.00E+00	1.62E-07	9.64E-05	0.00E+00	0.00E+00	9.64E-05
5496	ALL	653067.6	4188251	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.95E-05	0.00E+00	6.18E-06	0.00E+00	1.64E-07	9.74E-05	0.00E+00	0.00E+00	9.74E-05
5497	ALL	653058.2	4188228	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.98E-05	0.00E+00	6.25E-06	0.00E+00	1.66E-07	9.84E-05	0.00E+00	0.00E+00	9.84E-05
5498	ALL	653048.8	4188206	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	4.00E-05	0.00E+00	6.31E-06	0.00E+00	1.68E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05
5499	ALL	653039.4	4188183	NonCancer	0.00E+00	2.53E-06	0.00E+00	1.68E-07	1.68E-07	1.68E-07	4.00E-05	0.00E+00	6.31E-06	0.00E+00	1.68E-07	9.92E-05	0.00E+00	0.00E+00	9.92E-05

5500	ALL	653030	4188161	NonCancer	0.00E+00	2.50E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.98E-05	0.00E+00	6.26E-06	0.00E+00	1.66E-07	9.85E-05	0.00E+00	0.00E+00	9.85E-05
5501	ALL	653020.6	4188138	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.97E-05	0.00E+00	6.19E-06	0.00E+00	1.64E-07	9.77E-05	0.00E+00	0.00E+00	9.77E-05
5502	ALL	653011.2	4188115	NonCancer	0.00E+00	2.47E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.96E-05	0.00E+00	6.17E-06	0.00E+00	1.64E-07	9.74E-05	0.00E+00	0.00E+00	9.74E-05
5503	ALL	653001.8	4188093	NonCancer	0.00E+00	2.49E-06	0.00E+00	1.65E-07	1.65E-07	1.65E-07	3.95E-05	0.00E+00	6.21E-06	0.00E+00	1.65E-07	9.78E-05	0.00E+00	0.00E+00	9.78E-05
5504	ALL	652992.4	4188070	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.93E-05	0.00E+00	6.26E-06	0.00E+00	1.66E-07	9.82E-05	0.00E+00	0.00E+00	9.82E-05
5505	ALL	652983	4188048	NonCancer	0.00E+00	2.51E-06	0.00E+00	1.66E-07	1.66E-07	1.66E-07	3.89E-05	0.00E+00	6.25E-06	0.00E+00	1.66E-07	9.78E-05	0.00E+00	0.00E+00	9.78E-05
5506	ALL	652973.6	4188025	NonCancer	0.00E+00	2.48E-06	0.00E+00	1.64E-07	1.64E-07	1.64E-07	3.82E-05	0.00E+00	6.17E-06	0.00E+00	1.64E-07	9.64E-05	0.00E+00	0.00E+00	9.64E-05
5507	ALL	652964.1	4188003	NonCancer	0.00E+00	2.42E-06	0.00E+00	1.60E-07	1.60E-07	1.60E-07	3.72E-05	0.00E+00	6.02E-06	0.00E+00	1.60E-07	9.40E-05	0.00E+00	0.00E+00	9.40E-05
5508	ALL	652954.7	4187980	NonCancer	0.00E+00	2.34E-06	0.00E+00	1.55E-07	1.55E-07	1.55E-07	3.60E-05	0.00E+00	5.83E-06	0.00E+00	1.55E-07	9.10E-05	0.00E+00	0.00E+00	9.10E-05
5509	ALL	653113.1	4188596	NonCancer	0.00E+00	1.71E-06	0.00E+00	1.14E-07	1.14E-07	1.14E-07	2.63E-05	0.00E+00	4.27E-06	0.00E+00	1.14E-07	6.66E-05	0.00E+00	0.00E+00	6.66E-05
5510	ALL	653103.8	4188574	NonCancer	0.00E+00	1.74E-06	0.00E+00	1.16E-07	1.16E-07	1.16E-07	2.69E-05	0.00E+00	4.35E-06	0.00E+00	1.16E-07	6.79E-05	0.00E+00	0.00E+00	6.79E-05
5511	ALL	653094.4	4188551	NonCancer	0.00E+00	1.76E-06	0.00E+00	1.17E-07	1.17E-07	1.17E-07	2.74E-05	0.00E+00	4.40E-06	0.00E+00	1.17E-07	6.88E-05	0.00E+00	0.00E+00	6.88E-05
5512	ALL	653085	4188528	NonCancer	0.00E+00	1.78E-06	0.00E+00	1.18E-07	1.18E-07	1.18E-07	2.78E-05	0.00E+00	4.44E-06	0.00E+00	1.18E-07	6.95E-05	0.00E+00	0.00E+00	6.95E-05
5513	ALL	653075.6	4188506	NonCancer	0.00E+00	1.79E-06	0.00E+00	1.19E-07	1.19E-07	1.19E-07	2.82E-05	0.00E+00	4.47E-06	0.00E+00	1.19E-07	7.02E-05	0.00E+00	0.00E+00	7.02E-05
5514	ALL	653066.2	4188483	NonCancer	0.00E+00	1.81E-06	0.00E+00	1.20E-07	1.20E-07	1.20E-07	2.85E-05	0.00E+00	4.51E-06	0.00E+00	1.20E-07	7.09E-05	0.00E+00	0.00E+00	7.09E-05
5515	ALL	653056.8	4188461	NonCancer	0.00E+00	1.83E-06	0.00E+00	1.21E-07	1.21E-07	1.21E-07	2.89E-05	0.00E+00	4.56E-06	0.00E+00	1.21E-07	7.17E-05	0.00E+00	0.00E+00	7.17E-05
5516	ALL	653047.4	4188438	NonCancer	0.00E+00	1.85E-06	0.00E+00	1.23E-07	1.23E-07	1.23E-07	2.93E-05	0.00E+00	4.63E-06	0.00E+00	1.23E-07	7.27E-05	0.00E+00	0.00E+00	7.27E-05
5517	ALL	653038	4188416	NonCancer	0.00E+00	1.89E-06	0.00E+00	1.25E-07	1.25E-07	1.25E-07	2.97E-05	0.00E+00	4.71E-06	0.00E+00	1.25E-07	7.40E-05	0.00E+00	0.00E+00	7.40E-05
5518	ALL	653028.6	4188393	NonCancer	0.00E+00	1.92E-06	0.00E+00	1.27E-07	1.27E-07	1.27E-07	3.02E-05	0.00E+00	4.79E-06	0.00E+00	1.27E-07	7.53E-05	0.00E+00	0.00E+00	7.53E-05
5519	ALL	653019.2	4188370	NonCancer	0.00E+00	1.95E-06	0.00E+00	1.29E-07	1.29E-07	1.29E-07	3.07E-05	0.00E+00	4.87E-06	0.00E+00	1.29E-07	7.65E-05	0.00E+00	0.00E+00	7.65E-05
5520	ALL	653009.8	4188348	NonCancer	0.00E+00	1.98E-06	0.00E+00	1.31E-07	1.31E-07	1.31E-07	3.12E-05	0.00E+00	4.94E-06	0.00E+00	1.31E-07	7.76E-05	0.00E+00	0.00E+00	7.76E-05
5521	ALL	653000.4	4188325	NonCancer	0.00E+00	2.00E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	3.16E-05	0.00E+00	4.99E-06	0.00E+00	1.32E-07	7.84E-05	0.00E+00	0.00E+00	7.84E-05
5522	ALL	652991	4188303	NonCancer	0.00E+00	2.01E-06	0.00E+00	1.33E-07	1.33E-07	1.33E-07	3.19E-05	0.00E+00	5.03E-06	0.00E+00	1.33E-07	7.91E-05	0.00E+00	0.00E+00	7.91E-05
5523	ALL	652981.6	4188280	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.22E-05	0.00E+00	5.08E-06	0.00E+00	1.35E-07	7.99E-05	0.00E+00	0.00E+00	7.99E-05
5524	ALL	652972.2	4188258	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.25E-05	0.00E+00	5.13E-06	0.00E+00	1.36E-07	8.07E-05	0.00E+00	0.00E+00	8.07E-05
5525	ALL	652962.8	4188235	NonCancer	0.00E+00	2.07E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	3.26E-05	0.00E+00	5.18E-06	0.00E+00	1.38E-07	8.12E-05	0.00E+00	0.00E+00	8.12E-05
5526	ALL	652953.5	4188212	NonCancer	0.00E+00	2.08E-06	0.00E+00	1.38E-07	1.38E-07	1.38E-07	3.26E-05	0.00E+00	5.18E-06	0.00E+00	1.38E-07	8.13E-05	0.00E+00	0.00E+00	8.13E-05
5527	ALL	652944.1	4188190	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.25E-05	0.00E+00	5.14E-06	0.00E+00	1.37E-07	8.08E-05	0.00E+00	0.00E+00	8.08E-05
5528	ALL	652934.7	4188167	NonCancer	0.00E+00	2.04E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.24E-05	0.00E+00	5.08E-06	0.00E+00	1.35E-07	8.01E-05	0.00E+00	0.00E+00	8.01E-05
5529	ALL	652925.3	4188145	NonCancer	0.00E+00	2.02E-06	0.00E+00	1.34E-07	1.34E-07	1.34E-07	3.23E-05	0.00E+00	5.05E-06	0.00E+00	1.34E-07	7.97E-05	0.00E+00	0.00E+00	7.97E-05
5530	ALL	652915.9	4188122	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.22E-05	0.00E+00	5.07E-06	0.00E+00	1.35E-07	7.98E-05	0.00E+00	0.00E+00	7.98E-05
5531	ALL	652906.5	4188100	NonCancer	0.00E+00	2.05E-06	0.00E+00	1.36E-07	1.36E-07	1.36E-07	3.22E-05	0.00E+00	5.11E-06	0.00E+00	1.36E-07	8.03E-05	0.00E+00	0.00E+00	8.03E-05
5532	ALL	652897.1	4188077	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.21E-05	0.00E+00	5.15E-06	0.00E+00	1.37E-07	8.05E-05	0.00E+00	0.00E+00	8.05E-05
5533	ALL	652887.7	4188055	NonCancer	0.00E+00	2.06E-06	0.00E+00	1.37E-07	1.37E-07	1.37E-07	3.18E-05	0.00E+00	5.14E-06	0.00E+00	1.37E-07	8.02E-05	0.00E+00	0.00E+00	8.02E-05
5534	ALL	652878.3	4188032	NonCancer	0.00E+00	2.03E-06	0.00E+00	1.35E-07	1.35E-07	1.35E-07	3.12E-05	0.00E+00	5.07E-06	0.00E+00	1.35E-07	7.91E-05	0.00E+00	0.00E+00	7.91E-05
5535	ALL	652868.9	4188009	NonCancer	0.00E+00	1.99E-06	0.00E+00	1.32E-07	1.32E-07	1.32E-07	3.05E-05	0.00E+00	4.96E-06	0.00E+00	1.32E-07	7.74E-05	0.00E+00	0.00E+00	7.74E-05
5536	ALL	652859.5	4187987	NonCancer	0.00E+00	1.93E-06	0.00E+00	1.28E-07	1.28E-07	1.28E-07	2.97E-05	0.00E+00	4.82E-06	0.00E+00	1.28E-07	7.52E-05	0.00E+00	0.00E+00	7.52E-05
5537	ALL	652850.1	4187964	NonCancer	0.00E+00	1.87E-06	0.00E+00	1.24E-07	1.24E-07	1.24E-07	2.87E-05	0.00E+00	4.66E-06	0.00E+00	1.24E-07	7.28E-05	0.00E+00	0.00E+00	7.28E-05
5538	ALL	653127	4188616	NonCancer	0.00E+00	1.69E-06	0.00E+00	1.12E-07	1.12E-07	1.12E-07	2.58E-05	0.00E+00	4.20E-06	0.00E+00	1.12E-07	6.54E-05	0.00E+00	0.00E+00	6.54E-05
5539	ALL	652944.9	4188781	NonCancer	0.00E+00	1.13E-06	0.00E+00	7.49E-08	7.49E-08	7.49E-08	1.72E-05	0.00E+00	2.81E-06	0.00E+00	7.49E-08	4.38E-05	0.00E+00	0.00E+00	4.38E-05
5540	ALL	652935.4	4188758	NonCancer	0.00E+00	1.15E-06	0.00E+00	7.61E-08	7.61E-08	7.61E-08	1.75E-05	0.00E+00	2.86E-06	0.00E+00	7.61E-08	4.45E-05	0.00E+00	0.00E+00	4.45E-05
5541	ALL	652926	4188736	NonCancer	0.00E+00	1.16E-06	0.00E+00	7.69E-08	7.69E-08	7.69E-08	1.78E-05	0.00E+00	2.89E-06	0.00E+00	7.69E-08	4.51E-05	0.00E+00	0.00E+00	4.51E-05
5542	ALL	652916.6	4188713	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.75E-08	7.75E-08	7.75E-08	1.80E-05	0.00E+00	2.91E-06	0.00E+00	7.75E-08	4.55E-05	0.00E+00	0.00E+00	4.55E-05
5543	ALL	652907.1	4188690	NonCancer	0.00E+00	1.17E-06	0.00E+00	7.79E-08	7.79E-08	7.79E-08	1.82E-05	0.00E+00	2.93E-06	0.00E+00	7.79E-08	4.58E-05	0.00E+00	0.00E+00	4.58E-05
5544	ALL	652897.7	4188668	NonCancer	0.00E+00	1.18E-06	0.00E+00	7.83E-08	7.83E-08	7.83E-08	1.84E-05	0.00E+00	2.94E-06	0.00E+00	7.83E-08	4.61E-05	0.00E+00	0.00E+00	4.61E-05
5545	ALL	652888.2	4188645	NonCancer	0.00E+00	1.19E-06	0.00E+00	7.87E-08	7.87E-08	7.87E-08	1.85E-05	0.00E+00	2.96E-06	0.00E+00	7.87E-08	4.64E-05	0.00E+00	0.00E+00	4.64E-05
5546	ALL	652878.8	4188622	NonCancer	0.00E+00	1.20E-06	0.00E+00	7.93E-08	7.93E-08	7.93E-08	1.87E-05	0.00E+00	2.98E-06	0.00E+00	7.93E-08	4.68E-05	0.00E+00	0.00E+00	4.68E-05
5547	ALL	652869.4	4188600	NonCancer	0.00E+00	1.21E-06	0.00E+00	8.01E-08	8.01E-08	8.01E-08	1.89E-05	0.00E+00	3.01E-06	0.00E+00	8.01E-08	4.72E-05	0.00E+00	0.00E+00	4.72E-05
5548	ALL	652859.9	4188577	NonCancer	0.00E+00	1.22E-06	0.00E+00	8.10E-08	8.10E-08	8.10E-08	1.91E-05	0.00E+00	3.05E-06	0.00E+00	8.10E-08	4.78E-05	0.00E+00	0.00E+00	4.78E-05
5549	ALL	652850.5	4188554	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.21E-08	8.21E-08	8.21E-08	1.93E-05	0.00E+00	3.09E-06	0.00E+00	8.21E-08	4.84E-05	0.00E+00	0.00E+00	4.84E-05

5550	ALL	652841.1	4188532	NonCancer	0.00E+00	1.26E-06	0.00E+00	8.33E-08	8.33E-08	8.33E-08	1.96E-05	0.00E+00	3.13E-06	0.00E+00	8.33E-08	4.91E-05	0.00E+00	0.00E+00	4.91E-05
5551	ALL	652831.6	4188509	NonCancer	0.00E+00	1.27E-06	0.00E+00	8.45E-08	8.45E-08	8.45E-08	1.98E-05	0.00E+00	3.18E-06	0.00E+00	8.45E-08	4.98E-05	0.00E+00	0.00E+00	4.98E-05
5552	ALL	652822.2	4188486	NonCancer	0.00E+00	1.29E-06	0.00E+00	8.56E-08	8.56E-08	8.56E-08	2.01E-05	0.00E+00	3.22E-06	0.00E+00	8.56E-08	5.04E-05	0.00E+00	0.00E+00	5.04E-05
5553	ALL	652812.7	4188464	NonCancer	0.00E+00	1.30E-06	0.00E+00	8.65E-08	8.65E-08	8.65E-08	2.03E-05	0.00E+00	3.26E-06	0.00E+00	8.65E-08	5.10E-05	0.00E+00	0.00E+00	5.10E-05
5554	ALL	652803.3	4188441	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.72E-08	8.72E-08	8.72E-08	2.06E-05	0.00E+00	3.28E-06	0.00E+00	8.72E-08	5.15E-05	0.00E+00	0.00E+00	5.15E-05
5555	ALL	652793.9	4188418	NonCancer	0.00E+00	1.32E-06	0.00E+00	8.78E-08	8.78E-08	8.78E-08	2.07E-05	0.00E+00	3.30E-06	0.00E+00	8.78E-08	5.18E-05	0.00E+00	0.00E+00	5.18E-05
5556	ALL	652784.4	4188396	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.83E-08	8.83E-08	8.83E-08	2.09E-05	0.00E+00	3.32E-06	0.00E+00	8.83E-08	5.22E-05	0.00E+00	0.00E+00	5.22E-05
5557	ALL	652775	4188373	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.90E-08	8.90E-08	8.90E-08	2.11E-05	0.00E+00	3.35E-06	0.00E+00	8.90E-08	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5558	ALL	652765.6	4188350	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.99E-08	8.99E-08	8.99E-08	2.12E-05	0.00E+00	3.38E-06	0.00E+00	8.99E-08	5.31E-05	0.00E+00	0.00E+00	5.31E-05
5559	ALL	652756.1	4188328	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.08E-08	9.08E-08	9.08E-08	2.13E-05	0.00E+00	3.42E-06	0.00E+00	9.08E-08	5.35E-05	0.00E+00	0.00E+00	5.35E-05
5560	ALL	652746.7	4188305	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.15E-08	9.15E-08	9.15E-08	2.14E-05	0.00E+00	3.44E-06	0.00E+00	9.15E-08	5.38E-05	0.00E+00	0.00E+00	5.38E-05
5561	ALL	652737.2	4188282	NonCancer	0.00E+00	1.38E-06	0.00E+00	9.16E-08	9.16E-08	9.16E-08	2.14E-05	0.00E+00	3.45E-06	0.00E+00	9.16E-08	5.39E-05	0.00E+00	0.00E+00	5.39E-05
5562	ALL	652727.8	4188260	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.10E-08	9.10E-08	9.10E-08	2.13E-05	0.00E+00	3.42E-06	0.00E+00	9.10E-08	5.36E-05	0.00E+00	0.00E+00	5.36E-05
5563	ALL	652718.4	4188237	NonCancer	0.00E+00	1.36E-06	0.00E+00	8.99E-08	8.99E-08	8.99E-08	2.12E-05	0.00E+00	3.38E-06	0.00E+00	8.99E-08	5.31E-05	0.00E+00	0.00E+00	5.31E-05
5564	ALL	652708.9	4188214	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.89E-08	8.89E-08	8.89E-08	2.12E-05	0.00E+00	3.35E-06	0.00E+00	8.89E-08	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5565	ALL	652699.5	4188192	NonCancer	0.00E+00	1.33E-06	0.00E+00	8.85E-08	8.85E-08	8.85E-08	2.11E-05	0.00E+00	3.33E-06	0.00E+00	8.85E-08	5.25E-05	0.00E+00	0.00E+00	5.25E-05
5566	ALL	652690.1	4188169	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.88E-08	8.88E-08	8.88E-08	2.11E-05	0.00E+00	3.35E-06	0.00E+00	8.88E-08	5.26E-05	0.00E+00	0.00E+00	5.26E-05
5567	ALL	652680.6	4188146	NonCancer	0.00E+00	1.35E-06	0.00E+00	8.97E-08	8.97E-08	8.97E-08	2.12E-05	0.00E+00	3.38E-06	0.00E+00	8.97E-08	5.30E-05	0.00E+00	0.00E+00	5.30E-05
5568	ALL	652671.2	4188124	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.06E-08	9.06E-08	9.06E-08	2.12E-05	0.00E+00	3.41E-06	0.00E+00	9.06E-08	5.33E-05	0.00E+00	0.00E+00	5.33E-05
5569	ALL	652661.7	4188101	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.11E-08	9.11E-08	9.11E-08	2.11E-05	0.00E+00	3.43E-06	0.00E+00	9.11E-08	5.35E-05	0.00E+00	0.00E+00	5.35E-05
5570	ALL	652652.3	4188078	NonCancer	0.00E+00	1.37E-06	0.00E+00	9.10E-08	9.10E-08	9.10E-08	2.10E-05	0.00E+00	3.42E-06	0.00E+00	9.10E-08	5.33E-05	0.00E+00	0.00E+00	5.33E-05
5571	ALL	652642.9	4188056	NonCancer	0.00E+00	1.36E-06	0.00E+00	9.02E-08	9.02E-08	9.02E-08	2.07E-05	0.00E+00	3.39E-06	0.00E+00	9.02E-08	5.27E-05	0.00E+00	0.00E+00	5.27E-05
5572	ALL	652633.4	4188033	NonCancer	0.00E+00	1.34E-06	0.00E+00	8.88E-08	8.88E-08	8.88E-08	2.04E-05	0.00E+00	3.34E-06	0.00E+00	8.88E-08	5.19E-05	0.00E+00	0.00E+00	5.19E-05
5573	ALL	652624	4188010	NonCancer	0.00E+00	1.31E-06	0.00E+00	8.70E-08	8.70E-08	8.70E-08	2.00E-05	0.00E+00	3.27E-06	0.00E+00	8.70E-08	5.09E-05	0.00E+00	0.00E+00	5.09E-05
5574	ALL	652614.6	4187987	NonCancer	0.00E+00	1.28E-06	0.00E+00	8.48E-08	8.48E-08	8.48E-08	1.95E-05	0.00E+00	3.19E-06	0.00E+00	8.48E-08	4.97E-05	0.00E+00	0.00E+00	4.97E-05
5575	ALL	652605.1	4187965	NonCancer	0.00E+00	1.24E-06	0.00E+00	8.25E-08	8.25E-08	8.25E-08	1.90E-05	0.00E+00	3.10E-06	0.00E+00	8.25E-08	4.83E-05	0.00E+00	0.00E+00	4.83E-05
5576	ALL	652776.6	4188966	NonCancer	0.00E+00	8.10E-07	0.00E+00	5.38E-08	5.38E-08	5.38E-08	1.22E-05	0.00E+00	2.02E-06	0.00E+00	5.38E-08	3.14E-05	0.00E+00	0.00E+00	3.14E-05
5577	ALL	652767.1	4188943	NonCancer	0.00E+00	8.22E-07	0.00E+00	5.45E-08	5.45E-08	5.45E-08	1.24E-05	0.00E+00	2.05E-06	0.00E+00	5.45E-08	3.18E-05	0.00E+00	0.00E+00	3.18E-05
5578	ALL	652757.7	4188920	NonCancer	0.00E+00	8.30E-07	0.00E+00	5.51E-08	5.51E-08	5.51E-08	1.26E-05	0.00E+00	2.07E-06	0.00E+00	5.51E-08	3.22E-05	0.00E+00	0.00E+00	3.22E-05
5579	ALL	652748.2	4188898	NonCancer	0.00E+00	8.37E-07	0.00E+00	5.55E-08	5.55E-08	5.55E-08	1.28E-05	0.00E+00	2.09E-06	0.00E+00	5.55E-08	3.25E-05	0.00E+00	0.00E+00	3.25E-05
5580	ALL	652738.7	4188875	NonCancer	0.00E+00	8.41E-07	0.00E+00	5.58E-08	5.58E-08	5.58E-08	1.29E-05	0.00E+00	2.10E-06	0.00E+00	5.58E-08	3.27E-05	0.00E+00	0.00E+00	3.27E-05
5581	ALL	652729.3	4188852	NonCancer	0.00E+00	8.44E-07	0.00E+00	5.60E-08	5.60E-08	5.60E-08	1.30E-05	0.00E+00	2.11E-06	0.00E+00	5.60E-08	3.29E-05	0.00E+00	0.00E+00	3.29E-05
5582	ALL	652719.8	4188829	NonCancer	0.00E+00	8.47E-07	0.00E+00	5.62E-08	5.62E-08	5.62E-08	1.31E-05	0.00E+00	2.11E-06	0.00E+00	5.62E-08	3.30E-05	0.00E+00	0.00E+00	3.30E-05
5583	ALL	652710.3	4188807	NonCancer	0.00E+00	8.50E-07	0.00E+00	5.64E-08	5.64E-08	5.64E-08	1.32E-05	0.00E+00	2.12E-06	0.00E+00	5.64E-08	3.32E-05	0.00E+00	0.00E+00	3.32E-05
5584	ALL	652700.9	4188784	NonCancer	0.00E+00	8.54E-07	0.00E+00	5.67E-08	5.67E-08	5.67E-08	1.33E-05	0.00E+00	2.13E-06	0.00E+00	5.67E-08	3.34E-05	0.00E+00	0.00E+00	3.34E-05
5585	ALL	652691.4	4188761	NonCancer	0.00E+00	8.60E-07	0.00E+00	5.70E-08	5.70E-08	5.70E-08	1.34E-05	0.00E+00	2.15E-06	0.00E+00	5.70E-08	3.36E-05	0.00E+00	0.00E+00	3.36E-05
5586	ALL	652681.9	4188738	NonCancer	0.00E+00	8.68E-07	0.00E+00	5.75E-08	5.75E-08	5.75E-08	1.35E-05	0.00E+00	2.17E-06	0.00E+00	5.75E-08	3.39E-05	0.00E+00	0.00E+00	3.39E-05
5587	ALL	652672.5	4188716	NonCancer	0.00E+00	8.76E-07	0.00E+00	5.81E-08	5.81E-08	5.81E-08	1.36E-05	0.00E+00	2.19E-06	0.00E+00	5.81E-08	3.42E-05	0.00E+00	0.00E+00	3.42E-05
5588	ALL	652663	4188693	NonCancer	0.00E+00	8.86E-07	0.00E+00	5.88E-08	5.88E-08	5.88E-08	1.37E-05	0.00E+00	2.21E-06	0.00E+00	5.88E-08	3.46E-05	0.00E+00	0.00E+00	3.46E-05
5589	ALL	652653.5	4188670	NonCancer	0.00E+00	8.96E-07	0.00E+00	5.95E-08	5.95E-08	5.95E-08	1.39E-05	0.00E+00	2.24E-06	0.00E+00	5.95E-08	3.50E-05	0.00E+00	0.00E+00	3.50E-05
5590	ALL	652644.1	4188648	NonCancer	0.00E+00	9.07E-07	0.00E+00	6.01E-08	6.01E-08	6.01E-08	1.40E-05	0.00E+00	2.26E-06	0.00E+00	6.01E-08	3.54E-05	0.00E+00	0.00E+00	3.54E-05
5591	ALL	652634.6	4188625	NonCancer	0.00E+00	9.17E-07	0.00E+00	6.08E-08	6.08E-08	6.08E-08	1.42E-05	0.00E+00	2.29E-06	0.00E+00	6.08E-08	3.58E-05	0.00E+00	0.00E+00	3.58E-05
5592	ALL	652625.2	4188602	NonCancer	0.00E+00	9.28E-07	0.00E+00	6.15E-08	6.15E-08	6.15E-08	1.43E-05	0.00E+00	2.31E-06	0.00E+00	6.15E-08	3.62E-05	0.00E+00	0.00E+00	3.62E-05
5593	ALL	652615.7	4188579	NonCancer	0.00E+00	9.36E-07	0.00E+00	6.21E-08	6.21E-08	6.21E-08	1.45E-05	0.00E+00	2.34E-06	0.00E+00	6.21E-08	3.65E-05	0.00E+00	0.00E+00	3.65E-05
5594	ALL	652606.2	4188557	NonCancer	0.00E+00	9.43E-07	0.00E+00	6.26E-08	6.26E-08	6.26E-08	1.46E-05	0.00E+00	2.35E-06	0.00E+00	6.26E-08	3.68E-05	0.00E+00	0.00E+00	3.68E-05
5595	ALL	652596.8	4188534	NonCancer	0.00E+00	9.48E-07	0.00E+00	6.29E-08	6.29E-08	6.29E-08	1.47E-05	0.00E+00	2.37E-06	0.00E+00	6.29E-08	3.70E-05	0.00E+00	0.00E+00	3.70E-05
5596	ALL	652587.3	4188511	NonCancer	0.00E+00	9.52E-07	0.00E+00	6.31E-08	6.31E-08	6.31E-08	1.48E-05	0.00E+00	2.38E-06	0.00E+00	6.31E-08	3.72E-05	0.00E+00	0.00E+00	3.72E-05
5597	ALL	652577.8	4188488	NonCancer	0.00E+00	9.56E-07	0.00E+00	6.34E-08	6.34E-08	6.34E-08	1.49E-05	0.00E+00	2.39E-06	0.00E+00	6.34E-08	3.74E-05	0.00E+00	0.00E+00	3.74E-05
5598	ALL	652568.4	4188466	NonCancer	0.00E+00	9.62E-07	0.00E+00	6.38E-08	6.38E-08	6.38E-08	1.50E-05	0.00E+00	2.40E-06	0.00E+00	6.38E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5599	ALL	652558.9	4188443	NonCancer	0.00E+00	9.70E-07	0.00E+00	6.44E-08	6.44E-08	6.44E-08	1.51E-05	0.00E+00	2.42E-06	0.00E+00	6.44E-08	3.80E-05	0.00E+00	0.00E+00	3.80E-05

5600	ALL	652549.4	4188420	NonCancer	0.00E+00	9.80E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.52E-05	0.00E+00	2.45E-06	0.00E+00	6.50E-08	3.83E-05	0.00E+00	0.00E+00	3.83E-05
5601	ALL	652540	4188397	NonCancer	0.00E+00	9.90E-07	0.00E+00	6.56E-08	6.56E-08	6.56E-08	1.53E-05	0.00E+00	2.47E-06	0.00E+00	6.56E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
5602	ALL	652530.5	4188375	NonCancer	0.00E+00	9.96E-07	0.00E+00	6.61E-08	6.61E-08	6.61E-08	1.53E-05	0.00E+00	2.48E-06	0.00E+00	6.61E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
5603	ALL	652521	4188352	NonCancer	0.00E+00	9.97E-07	0.00E+00	6.61E-08	6.61E-08	6.61E-08	1.53E-05	0.00E+00	2.49E-06	0.00E+00	6.61E-08	3.88E-05	0.00E+00	0.00E+00	3.88E-05
5604	ALL	652511.6	4188329	NonCancer	0.00E+00	9.91E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.53E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.86E-05	0.00E+00	0.00E+00	3.86E-05
5605	ALL	652502.1	4188306	NonCancer	0.00E+00	9.80E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.52E-05	0.00E+00	2.45E-06	0.00E+00	6.50E-08	3.83E-05	0.00E+00	0.00E+00	3.83E-05
5606	ALL	652492.6	4188284	NonCancer	0.00E+00	9.68E-07	0.00E+00	6.42E-08	6.42E-08	6.42E-08	1.51E-05	0.00E+00	2.42E-06	0.00E+00	6.42E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
5607	ALL	652483.2	4188261	NonCancer	0.00E+00	9.59E-07	0.00E+00	6.36E-08	6.36E-08	6.36E-08	1.51E-05	0.00E+00	2.40E-06	0.00E+00	6.36E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
5608	ALL	652473.7	4188238	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.51E-05	0.00E+00	2.39E-06	0.00E+00	6.35E-08	3.76E-05	0.00E+00	0.00E+00	3.76E-05
5609	ALL	652464.2	4188216	NonCancer	0.00E+00	9.61E-07	0.00E+00	6.37E-08	6.37E-08	6.37E-08	1.51E-05	0.00E+00	2.40E-06	0.00E+00	6.37E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5610	ALL	652454.8	4188193	NonCancer	0.00E+00	9.70E-07	0.00E+00	6.43E-08	6.43E-08	6.43E-08	1.51E-05	0.00E+00	2.42E-06	0.00E+00	6.43E-08	3.79E-05	0.00E+00	0.00E+00	3.79E-05
5611	ALL	652445.3	4188170	NonCancer	0.00E+00	9.80E-07	0.00E+00	6.50E-08	6.50E-08	6.50E-08	1.52E-05	0.00E+00	2.45E-06	0.00E+00	6.50E-08	3.82E-05	0.00E+00	0.00E+00	3.82E-05
5612	ALL	652435.9	4188147	NonCancer	0.00E+00	9.88E-07	0.00E+00	6.56E-08	6.56E-08	6.56E-08	1.52E-05	0.00E+00	2.47E-06	0.00E+00	6.56E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
5613	ALL	652426.4	4188125	NonCancer	0.00E+00	9.92E-07	0.00E+00	6.58E-08	6.58E-08	6.58E-08	1.51E-05	0.00E+00	2.47E-06	0.00E+00	6.58E-08	3.85E-05	0.00E+00	0.00E+00	3.85E-05
5614	ALL	652416.9	4188102	NonCancer	0.00E+00	9.90E-07	0.00E+00	6.57E-08	6.57E-08	6.57E-08	1.51E-05	0.00E+00	2.47E-06	0.00E+00	6.57E-08	3.84E-05	0.00E+00	0.00E+00	3.84E-05
5615	ALL	652407.5	4188079	NonCancer	0.00E+00	9.83E-07	0.00E+00	6.52E-08	6.52E-08	6.52E-08	1.49E-05	0.00E+00	2.45E-06	0.00E+00	6.52E-08	3.81E-05	0.00E+00	0.00E+00	3.81E-05
5616	ALL	652398	4188056	NonCancer	0.00E+00	9.72E-07	0.00E+00	6.45E-08	6.45E-08	6.45E-08	1.47E-05	0.00E+00	2.42E-06	0.00E+00	6.45E-08	3.77E-05	0.00E+00	0.00E+00	3.77E-05
5617	ALL	652388.5	4188034	NonCancer	0.00E+00	9.57E-07	0.00E+00	6.35E-08	6.35E-08	6.35E-08	1.45E-05	0.00E+00	2.39E-06	0.00E+00	6.35E-08	3.71E-05	0.00E+00	0.00E+00	3.71E-05
5618	ALL	652379.1	4188011	NonCancer	0.00E+00	9.39E-07	0.00E+00	6.23E-08	6.23E-08	6.23E-08	1.42E-05	0.00E+00	2.34E-06	0.00E+00	6.23E-08	3.64E-05	0.00E+00	0.00E+00	3.64E-05
5619	ALL	652369.6	4187988	NonCancer	0.00E+00	9.18E-07	0.00E+00	6.09E-08	6.09E-08	6.09E-08	1.40E-05	0.00E+00	2.29E-06	0.00E+00	6.09E-08	3.56E-05	0.00E+00	0.00E+00	3.56E-05
5620	ALL	652360.1	4187965	NonCancer	0.00E+00	8.96E-07	0.00E+00	5.94E-08	5.94E-08	5.94E-08	1.37E-05	0.00E+00	2.23E-06	0.00E+00	5.94E-08	3.48E-05	0.00E+00	0.00E+00	3.48E-05
5621	ALL	652350.7	4187943	NonCancer	0.00E+00	8.74E-07	0.00E+00	5.80E-08	5.80E-08	5.80E-08	1.34E-05	0.00E+00	2.18E-06	0.00E+00	5.80E-08	3.40E-05	0.00E+00	0.00E+00	3.40E-05
5622	ALL	652608.4	4189151	NonCancer	0.00E+00	6.15E-07	0.00E+00	4.08E-08	4.08E-08	4.08E-08	9.26E-06	0.00E+00	1.53E-06	0.00E+00	4.08E-08	2.38E-05	0.00E+00	0.00E+00	2.38E-05
5623	ALL	652599	4189128	NonCancer	0.00E+00	6.23E-07	0.00E+00	4.13E-08	4.13E-08	4.13E-08	9.39E-06	0.00E+00	1.55E-06	0.00E+00	4.13E-08	2.41E-05	0.00E+00	0.00E+00	2.41E-05
5624	ALL	652589.6	4189106	NonCancer	0.00E+00	6.29E-07	0.00E+00	4.17E-08	4.17E-08	4.17E-08	9.51E-06	0.00E+00	1.57E-06	0.00E+00	4.17E-08	2.44E-05	0.00E+00	0.00E+00	2.44E-05
5625	ALL	652580.2	4189083	NonCancer	0.00E+00	6.34E-07	0.00E+00	4.20E-08	4.20E-08	4.20E-08	9.61E-06	0.00E+00	1.58E-06	0.00E+00	4.20E-08	2.46E-05	0.00E+00	0.00E+00	2.46E-05
5626	ALL	652570.8	4189060	NonCancer	0.00E+00	6.37E-07	0.00E+00	4.23E-08	4.23E-08	4.23E-08	9.70E-06	0.00E+00	1.59E-06	0.00E+00	4.23E-08	2.47E-05	0.00E+00	0.00E+00	2.47E-05
5627	ALL	652561.4	4189038	NonCancer	0.00E+00	6.40E-07	0.00E+00	4.24E-08	4.24E-08	4.24E-08	9.77E-06	0.00E+00	1.60E-06	0.00E+00	4.24E-08	2.49E-05	0.00E+00	0.00E+00	2.49E-05
5628	ALL	652552	4189015	NonCancer	0.00E+00	6.42E-07	0.00E+00	4.26E-08	4.26E-08	4.26E-08	9.83E-06	0.00E+00	1.60E-06	0.00E+00	4.26E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
5629	ALL	652542.6	4188993	NonCancer	0.00E+00	6.43E-07	0.00E+00	4.26E-08	4.26E-08	4.26E-08	9.89E-06	0.00E+00	1.60E-06	0.00E+00	4.26E-08	2.50E-05	0.00E+00	0.00E+00	2.50E-05
5630	ALL	652533.2	4188970	NonCancer	0.00E+00	6.45E-07	0.00E+00	4.27E-08	4.27E-08	4.27E-08	9.94E-06	0.00E+00	1.61E-06	0.00E+00	4.27E-08	2.51E-05	0.00E+00	0.00E+00	2.51E-05
5631	ALL	652523.8	4188948	NonCancer	0.00E+00	6.47E-07	0.00E+00	4.29E-08	4.29E-08	4.29E-08	9.99E-06	0.00E+00	1.61E-06	0.00E+00	4.29E-08	2.52E-05	0.00E+00	0.00E+00	2.52E-05
5632	ALL	652514.4	4188925	NonCancer	0.00E+00	6.50E-07	0.00E+00	4.31E-08	4.31E-08	4.31E-08	1.00E-05	0.00E+00	1.62E-06	0.00E+00	4.31E-08	2.53E-05	0.00E+00	0.00E+00	2.53E-05
5633	ALL	652505	4188902	NonCancer	0.00E+00	6.54E-07	0.00E+00	4.33E-08	4.33E-08	4.33E-08	1.01E-05	0.00E+00	1.63E-06	0.00E+00	4.33E-08	2.55E-05	0.00E+00	0.00E+00	2.55E-05
5634	ALL	652495.6	4188880	NonCancer	0.00E+00	6.59E-07	0.00E+00	4.37E-08	4.37E-08	4.37E-08	1.02E-05	0.00E+00	1.64E-06	0.00E+00	4.37E-08	2.57E-05	0.00E+00	0.00E+00	2.57E-05
5635	ALL	652486.2	4188857	NonCancer	0.00E+00	6.64E-07	0.00E+00	4.41E-08	4.41E-08	4.41E-08	1.02E-05	0.00E+00	1.66E-06	0.00E+00	4.41E-08	2.59E-05	0.00E+00	0.00E+00	2.59E-05
5636	ALL	652476.8	4188835	NonCancer	0.00E+00	6.71E-07	0.00E+00	4.45E-08	4.45E-08	4.45E-08	1.03E-05	0.00E+00	1.67E-06	0.00E+00	4.45E-08	2.61E-05	0.00E+00	0.00E+00	2.61E-05
5637	ALL	652467.4	4188812	NonCancer	0.00E+00	6.77E-07	0.00E+00	4.49E-08	4.49E-08	4.49E-08	1.04E-05	0.00E+00	1.69E-06	0.00E+00	4.49E-08	2.64E-05	0.00E+00	0.00E+00	2.64E-05
5638	ALL	652458	4188790	NonCancer	0.00E+00	6.84E-07	0.00E+00	4.53E-08	4.53E-08	4.53E-08	1.05E-05	0.00E+00	1.71E-06	0.00E+00	4.53E-08	2.66E-05	0.00E+00	0.00E+00	2.66E-05
5639	ALL	652448.6	4188767	NonCancer	0.00E+00	6.90E-07	0.00E+00	4.58E-08	4.58E-08	4.58E-08	1.06E-05	0.00E+00	1.72E-06	0.00E+00	4.58E-08	2.69E-05	0.00E+00	0.00E+00	2.69E-05
5640	ALL	652439.2	4188744	NonCancer	0.00E+00	6.97E-07	0.00E+00	4.62E-08	4.62E-08	4.62E-08	1.07E-05	0.00E+00	1.74E-06	0.00E+00	4.62E-08	2.71E-05	0.00E+00	0.00E+00	2.71E-05
5641	ALL	652429.8	4188722	NonCancer	0.00E+00	7.03E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.08E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.74E-05	0.00E+00	0.00E+00	2.74E-05
5642	ALL	652420.4	4188699	NonCancer	0.00E+00	7.09E-07	0.00E+00	4.71E-08	4.71E-08	4.71E-08	1.09E-05	0.00E+00	1.77E-06	0.00E+00	4.71E-08	2.76E-05	0.00E+00	0.00E+00	2.76E-05
5643	ALL	652411	4188677	NonCancer	0.00E+00	7.14E-07	0.00E+00	4.74E-08	4.74E-08	4.74E-08	1.10E-05	0.00E+00	1.78E-06	0.00E+00	4.74E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
5644	ALL	652401.6	4188654	NonCancer	0.00E+00	7.18E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.11E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.80E-05	0.00E+00	0.00E+00	2.80E-05
5645	ALL	652392.2	4188632	NonCancer	0.00E+00	7.21E-07	0.00E+00	4.78E-08	4.78E-08	4.78E-08	1.12E-05	0.00E+00	1.80E-06	0.00E+00	4.78E-08	2.81E-05	0.00E+00	0.00E+00	2.81E-05
5646	ALL	652382.8	4188609	NonCancer	0.00E+00	7.23E-07	0.00E+00	4.79E-08	4.79E-08	4.79E-08	1.12E-05	0.00E+00	1.80E-06	0.00E+00	4.79E-08	2.82E-05	0.00E+00	0.00E+00	2.82E-05
5647	ALL	652373.4	4188586	NonCancer	0.00E+00	7.25E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.13E-05	0.00E+00	1.81E-06	0.00E+00	4.81E-08	2.83E-05	0.00E+00	0.00E+00	2.83E-05
5648	ALL	652364	4188564	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.13E-05	0.00E+00	1.82E-06	0.00E+00	4.83E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5649	ALL	652354.6	4188541	NonCancer	0.00E+00	7.33E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.14E-05	0.00E+00	1.83E-06	0.00E+00	4.86E-08	2.87E-05	0.00E+00	0.00E+00	2.87E-05

5650	ALL	652345.2	4188519	NonCancer	0.00E+00	7.40E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.15E-05	0.00E+00	1.85E-06	0.00E+00	4.90E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5651	ALL	652335.8	4188496	NonCancer	0.00E+00	7.47E-07	0.00E+00	4.95E-08	4.95E-08	4.95E-08	1.15E-05	0.00E+00	1.86E-06	0.00E+00	4.95E-08	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5652	ALL	652326.4	4188473	NonCancer	0.00E+00	7.54E-07	0.00E+00	5.00E-08	5.00E-08	5.00E-08	1.16E-05	0.00E+00	1.88E-06	0.00E+00	5.00E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5653	ALL	652317	4188451	NonCancer	0.00E+00	7.59E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.95E-05	0.00E+00	0.00E+00	2.95E-05
5654	ALL	652307.6	4188428	NonCancer	0.00E+00	7.61E-07	0.00E+00	5.05E-08	5.05E-08	5.05E-08	1.16E-05	0.00E+00	1.90E-06	0.00E+00	5.05E-08	2.95E-05	0.00E+00	0.00E+00	2.95E-05
5655	ALL	652298.2	4188406	NonCancer	0.00E+00	7.58E-07	0.00E+00	5.03E-08	5.03E-08	5.03E-08	1.16E-05	0.00E+00	1.89E-06	0.00E+00	5.03E-08	2.94E-05	0.00E+00	0.00E+00	2.94E-05
5656	ALL	652288.8	4188383	NonCancer	0.00E+00	7.52E-07	0.00E+00	4.99E-08	4.99E-08	4.99E-08	1.15E-05	0.00E+00	1.87E-06	0.00E+00	4.99E-08	2.92E-05	0.00E+00	0.00E+00	2.92E-05
5657	ALL	652279.4	4188361	NonCancer	0.00E+00	7.43E-07	0.00E+00	4.93E-08	4.93E-08	4.93E-08	1.15E-05	0.00E+00	1.85E-06	0.00E+00	4.93E-08	2.90E-05	0.00E+00	0.00E+00	2.90E-05
5658	ALL	652270	4188338	NonCancer	0.00E+00	7.34E-07	0.00E+00	4.87E-08	4.87E-08	4.87E-08	1.14E-05	0.00E+00	1.83E-06	0.00E+00	4.87E-08	2.87E-05	0.00E+00	0.00E+00	2.87E-05
5659	ALL	652260.6	4188315	NonCancer	0.00E+00	7.28E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.14E-05	0.00E+00	1.82E-06	0.00E+00	4.83E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5660	ALL	652251.2	4188293	NonCancer	0.00E+00	7.25E-07	0.00E+00	4.81E-08	4.81E-08	4.81E-08	1.14E-05	0.00E+00	1.81E-06	0.00E+00	4.81E-08	2.84E-05	0.00E+00	0.00E+00	2.84E-05
5661	ALL	652241.8	4188270	NonCancer	0.00E+00	7.27E-07	0.00E+00	4.82E-08	4.82E-08	4.82E-08	1.14E-05	0.00E+00	1.81E-06	0.00E+00	4.82E-08	2.85E-05	0.00E+00	0.00E+00	2.85E-05
5662	ALL	652232.4	4188248	NonCancer	0.00E+00	7.32E-07	0.00E+00	4.86E-08	4.86E-08	4.86E-08	1.14E-05	0.00E+00	1.83E-06	0.00E+00	4.86E-08	2.87E-05	0.00E+00	0.00E+00	2.87E-05
5663	ALL	652223	4188225	NonCancer	0.00E+00	7.40E-07	0.00E+00	4.91E-08	4.91E-08	4.91E-08	1.15E-05	0.00E+00	1.85E-06	0.00E+00	4.91E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5664	ALL	652213.6	4188203	NonCancer	0.00E+00	7.47E-07	0.00E+00	4.96E-08	4.96E-08	4.96E-08	1.15E-05	0.00E+00	1.86E-06	0.00E+00	4.96E-08	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5665	ALL	652204.2	4188180	NonCancer	0.00E+00	7.53E-07	0.00E+00	4.99E-08	4.99E-08	4.99E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	4.99E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5666	ALL	652194.8	4188157	NonCancer	0.00E+00	7.56E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5667	ALL	652185.4	4188135	NonCancer	0.00E+00	7.56E-07	0.00E+00	5.01E-08	5.01E-08	5.01E-08	1.15E-05	0.00E+00	1.88E-06	0.00E+00	5.01E-08	2.93E-05	0.00E+00	0.00E+00	2.93E-05
5668	ALL	652176	4188112	NonCancer	0.00E+00	7.52E-07	0.00E+00	4.99E-08	4.99E-08	4.99E-08	1.14E-05	0.00E+00	1.88E-06	0.00E+00	4.99E-08	2.91E-05	0.00E+00	0.00E+00	2.91E-05
5669	ALL	652166.6	4188090	NonCancer	0.00E+00	7.46E-07	0.00E+00	4.95E-08	4.95E-08	4.95E-08	1.13E-05	0.00E+00	1.86E-06	0.00E+00	4.95E-08	2.89E-05	0.00E+00	0.00E+00	2.89E-05
5670	ALL	652157.2	4188067	NonCancer	0.00E+00	7.39E-07	0.00E+00	4.90E-08	4.90E-08	4.90E-08	1.12E-05	0.00E+00	1.84E-06	0.00E+00	4.90E-08	2.86E-05	0.00E+00	0.00E+00	2.86E-05
5671	ALL	652147.8	4188045	NonCancer	0.00E+00	7.29E-07	0.00E+00	4.83E-08	4.83E-08	4.83E-08	1.10E-05	0.00E+00	1.82E-06	0.00E+00	4.83E-08	2.82E-05	0.00E+00	0.00E+00	2.82E-05
5672	ALL	652138.4	4188022	NonCancer	0.00E+00	7.17E-07	0.00E+00	4.76E-08	4.76E-08	4.76E-08	1.08E-05	0.00E+00	1.79E-06	0.00E+00	4.76E-08	2.78E-05	0.00E+00	0.00E+00	2.78E-05
5673	ALL	652129	4187999	NonCancer	0.00E+00	7.04E-07	0.00E+00	4.67E-08	4.67E-08	4.67E-08	1.07E-05	0.00E+00	1.75E-06	0.00E+00	4.67E-08	2.73E-05	0.00E+00	0.00E+00	2.73E-05
5674	ALL	652119.6	4187977	NonCancer	0.00E+00	6.89E-07	0.00E+00	4.57E-08	4.57E-08	4.57E-08	1.05E-05	0.00E+00	1.72E-06	0.00E+00	4.57E-08	2.67E-05	0.00E+00	0.00E+00	2.67E-05
5675	ALL	652110.2	4187954	NonCancer	0.00E+00	6.74E-07	0.00E+00	4.47E-08	4.47E-08	4.47E-08	1.03E-05	0.00E+00	1.68E-06	0.00E+00	4.47E-08	2.62E-05	0.00E+00	0.00E+00	2.62E-05
5676	ALL	652100.8	4187932	NonCancer	0.00E+00	6.59E-07	0.00E+00	4.37E-08	4.37E-08	4.37E-08	1.01E-05	0.00E+00	1.64E-06	0.00E+00	4.37E-08	2.56E-05	0.00E+00	0.00E+00	2.56E-05
5677	ALL	652622.2	4189170	NonCancer	0.00E+00	6.09E-07	0.00E+00	4.04E-08	4.04E-08	4.04E-08	9.15E-06	0.00E+00	1.52E-06	0.00E+00	4.04E-08	2.35E-05	0.00E+00	0.00E+00	2.35E-05
5678	ALL	652440.1	4189336	NonCancer	0.00E+00	4.86E-07	0.00E+00	3.23E-08	3.23E-08	3.23E-08	7.30E-06	0.00E+00	1.21E-06	0.00E+00	3.23E-08	1.88E-05	0.00E+00	0.00E+00	1.88E-05
5679	ALL	652430.7	4189313	NonCancer	0.00E+00	4.92E-07	0.00E+00	3.26E-08	3.26E-08	3.26E-08	7.39E-06	0.00E+00	1.23E-06	0.00E+00	3.26E-08	1.90E-05	0.00E+00	0.00E+00	1.90E-05
5680	ALL	652421.2	4189290	NonCancer	0.00E+00	4.96E-07	0.00E+00	3.29E-08	3.29E-08	3.29E-08	7.47E-06	0.00E+00	1.24E-06	0.00E+00	3.29E-08	1.92E-05	0.00E+00	0.00E+00	1.92E-05
5681	ALL	652411.8	4189268	NonCancer	0.00E+00	5.00E-07	0.00E+00	3.32E-08	3.32E-08	3.32E-08	7.55E-06	0.00E+00	1.25E-06	0.00E+00	3.32E-08	1.93E-05	0.00E+00	0.00E+00	1.93E-05
5682	ALL	652402.4	4189245	NonCancer	0.00E+00	5.03E-07	0.00E+00	3.33E-08	3.33E-08	3.33E-08	7.61E-06	0.00E+00	1.25E-06	0.00E+00	3.33E-08	1.95E-05	0.00E+00	0.00E+00	1.95E-05
5683	ALL	652393	4189222	NonCancer	0.00E+00	5.05E-07	0.00E+00	3.35E-08	3.35E-08	3.35E-08	7.67E-06	0.00E+00	1.26E-06	0.00E+00	3.35E-08	1.96E-05	0.00E+00	0.00E+00	1.96E-05
5684	ALL	652383.6	4189200	NonCancer	0.00E+00	5.06E-07	0.00E+00	3.36E-08	3.36E-08	3.36E-08	7.71E-06	0.00E+00	1.26E-06	0.00E+00	3.36E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
5685	ALL	652374.1	4189177	NonCancer	0.00E+00	5.07E-07	0.00E+00	3.37E-08	3.37E-08	3.37E-08	7.75E-06	0.00E+00	1.27E-06	0.00E+00	3.37E-08	1.97E-05	0.00E+00	0.00E+00	1.97E-05
5686	ALL	652364.7	4189155	NonCancer	0.00E+00	5.08E-07	0.00E+00	3.37E-08	3.37E-08	3.37E-08	7.79E-06	0.00E+00	1.27E-06	0.00E+00	3.37E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
5687	ALL	652355.3	4189132	NonCancer	0.00E+00	5.09E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.82E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.98E-05	0.00E+00	0.00E+00	1.98E-05
5688	ALL	652345.9	4189109	NonCancer	0.00E+00	5.10E-07	0.00E+00	3.38E-08	3.38E-08	3.38E-08	7.85E-06	0.00E+00	1.27E-06	0.00E+00	3.38E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
5689	ALL	652336.4	4189087	NonCancer	0.00E+00	5.12E-07	0.00E+00	3.39E-08	3.39E-08	3.39E-08	7.89E-06	0.00E+00	1.28E-06	0.00E+00	3.39E-08	1.99E-05	0.00E+00	0.00E+00	1.99E-05
5690	ALL	652327	4189064	NonCancer	0.00E+00	5.14E-07	0.00E+00	3.41E-08	3.41E-08	3.41E-08	7.93E-06	0.00E+00	1.28E-06	0.00E+00	3.41E-08	2.00E-05	0.00E+00	0.00E+00	2.00E-05
5691	ALL	652317.6	4189041	NonCancer	0.00E+00	5.17E-07	0.00E+00	3.43E-08	3.43E-08	3.43E-08	7.97E-06	0.00E+00	1.29E-06	0.00E+00	3.43E-08	2.01E-05	0.00E+00	0.00E+00	2.01E-05
5692	ALL	652308.2	4189019	NonCancer	0.00E+00	5.21E-07	0.00E+00	3.45E-08	3.45E-08	3.45E-08	8.01E-06	0.00E+00	1.30E-06	0.00E+00	3.45E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
5693	ALL	652298.7	4188996	NonCancer	0.00E+00	5.25E-07	0.00E+00	3.48E-08	3.48E-08	3.48E-08	8.06E-06	0.00E+00	1.31E-06	0.00E+00	3.48E-08	2.04E-05	0.00E+00	0.00E+00	2.04E-05
5694	ALL	652289.3	4188973	NonCancer	0.00E+00	5.29E-07	0.00E+00	3.51E-08	3.51E-08	3.51E-08	8.12E-06	0.00E+00	1.32E-06	0.00E+00	3.51E-08	2.06E-05	0.00E+00	0.00E+00	2.06E-05
5695	ALL	652279.9	4188951	NonCancer	0.00E+00	5.34E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	8.18E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.08E-05	0.00E+00	0.00E+00	2.08E-05
5696	ALL	652270.5	4188928	NonCancer	0.00E+00	5.38E-07	0.00E+00	3.57E-08	3.57E-08	3.57E-08	8.25E-06	0.00E+00	1.34E-06	0.00E+00	3.57E-08	2.09E-05	0.00E+00	0.00E+00	2.09E-05
5697	ALL	652261	4188906	NonCancer	0.00E+00	5.43E-07	0.00E+00	3.60E-08	3.60E-08	3.60E-08	8.32E-06	0.00E+00	1.35E-06	0.00E+00	3.60E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
5698	ALL	652251.6	4188883	NonCancer	0.00E+00	5.47E-07	0.00E+00	3.63E-08	3.63E-08	3.63E-08	8.39E-06	0.00E+00	1.36E-06	0.00E+00	3.63E-08	2.13E-05	0.00E+00	0.00E+00	2.13E-05
5699	ALL	652242.2	4188860	NonCancer	0.00E+00	5.51E-07	0.00E+00	3.66E-08	3.66E-08	3.66E-08	8.46E-06	0.00E+00	1.38E-06	0.00E+00	3.66E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05

5700	ALL	652232.8	4188838	NonCancer	0.00E+00	5.56E-07	0.00E+00	3.69E-08	3.69E-08	3.69E-08	8.52E-06	0.00E+00	1.39E-06	0.00E+00	3.69E-08	2.16E-05	0.00E+00	0.00E+00	2.16E-05
5701	ALL	652223.3	4188815	NonCancer	0.00E+00	5.60E-07	0.00E+00	3.71E-08	3.71E-08	3.71E-08	8.59E-06	0.00E+00	1.40E-06	0.00E+00	3.71E-08	2.18E-05	0.00E+00	0.00E+00	2.18E-05
5702	ALL	652213.9	4188792	NonCancer	0.00E+00	5.64E-07	0.00E+00	3.74E-08	3.74E-08	3.74E-08	8.65E-06	0.00E+00	1.41E-06	0.00E+00	3.74E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
5703	ALL	652204.5	4188770	NonCancer	0.00E+00	5.67E-07	0.00E+00	3.76E-08	3.76E-08	3.76E-08	8.71E-06	0.00E+00	1.41E-06	0.00E+00	3.76E-08	2.21E-05	0.00E+00	0.00E+00	2.21E-05
5704	ALL	652195.1	4188747	NonCancer	0.00E+00	5.69E-07	0.00E+00	3.77E-08	3.77E-08	3.77E-08	8.76E-06	0.00E+00	1.42E-06	0.00E+00	3.77E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5705	ALL	652185.7	4188724	NonCancer	0.00E+00	5.70E-07	0.00E+00	3.78E-08	3.78E-08	3.78E-08	8.80E-06	0.00E+00	1.42E-06	0.00E+00	3.78E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5706	ALL	652176.2	4188702	NonCancer	0.00E+00	5.71E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.84E-06	0.00E+00	1.43E-06	0.00E+00	3.79E-08	2.23E-05	0.00E+00	0.00E+00	2.23E-05
5707	ALL	652166.8	4188679	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.88E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5708	ALL	652157.4	4188657	NonCancer	0.00E+00	5.75E-07	0.00E+00	3.81E-08	3.81E-08	3.81E-08	8.93E-06	0.00E+00	1.43E-06	0.00E+00	3.81E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5709	ALL	652148	4188634	NonCancer	0.00E+00	5.78E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.97E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5710	ALL	652138.5	4188611	NonCancer	0.00E+00	5.82E-07	0.00E+00	3.86E-08	3.86E-08	3.86E-08	9.02E-06	0.00E+00	1.45E-06	0.00E+00	3.86E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5711	ALL	652129.1	4188589	NonCancer	0.00E+00	5.87E-07	0.00E+00	3.90E-08	3.90E-08	3.90E-08	9.06E-06	0.00E+00	1.47E-06	0.00E+00	3.90E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5712	ALL	652119.7	4188566	NonCancer	0.00E+00	5.93E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	9.10E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5713	ALL	652110.3	4188543	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.14E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5714	ALL	652100.8	4188521	NonCancer	0.00E+00	6.02E-07	0.00E+00	3.99E-08	3.99E-08	3.99E-08	9.16E-06	0.00E+00	1.50E-06	0.00E+00	3.99E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
5715	ALL	652091.4	4188498	NonCancer	0.00E+00	6.03E-07	0.00E+00	4.00E-08	4.00E-08	4.00E-08	9.16E-06	0.00E+00	1.50E-06	0.00E+00	4.00E-08	2.34E-05	0.00E+00	0.00E+00	2.34E-05
5716	ALL	652082	4188475	NonCancer	0.00E+00	6.01E-07	0.00E+00	3.99E-08	3.99E-08	3.99E-08	9.14E-06	0.00E+00	1.50E-06	0.00E+00	3.99E-08	2.33E-05	0.00E+00	0.00E+00	2.33E-05
5717	ALL	652072.6	4188453	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.11E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5718	ALL	652063.1	4188430	NonCancer	0.00E+00	5.90E-07	0.00E+00	3.92E-08	3.92E-08	3.92E-08	9.07E-06	0.00E+00	1.47E-06	0.00E+00	3.92E-08	2.30E-05	0.00E+00	0.00E+00	2.30E-05
5719	ALL	652053.7	4188408	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	9.03E-06	0.00E+00	1.46E-06	0.00E+00	3.87E-08	2.28E-05	0.00E+00	0.00E+00	2.28E-05
5720	ALL	652044.3	4188385	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.99E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5721	ALL	652034.9	4188362	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.96E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5722	ALL	652025.4	4188340	NonCancer	0.00E+00	5.72E-07	0.00E+00	3.79E-08	3.79E-08	3.79E-08	8.96E-06	0.00E+00	1.43E-06	0.00E+00	3.79E-08	2.24E-05	0.00E+00	0.00E+00	2.24E-05
5723	ALL	652016	4188317	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.97E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5724	ALL	652006.6	4188294	NonCancer	0.00E+00	5.77E-07	0.00E+00	3.83E-08	3.83E-08	3.83E-08	8.99E-06	0.00E+00	1.44E-06	0.00E+00	3.83E-08	2.26E-05	0.00E+00	0.00E+00	2.26E-05
5725	ALL	651997.2	4188272	NonCancer	0.00E+00	5.83E-07	0.00E+00	3.87E-08	3.87E-08	3.87E-08	9.03E-06	0.00E+00	1.45E-06	0.00E+00	3.87E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5726	ALL	651987.7	4188249	NonCancer	0.00E+00	5.89E-07	0.00E+00	3.90E-08	3.90E-08	3.90E-08	9.06E-06	0.00E+00	1.47E-06	0.00E+00	3.90E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5727	ALL	651978.3	4188226	NonCancer	0.00E+00	5.94E-07	0.00E+00	3.94E-08	3.94E-08	3.94E-08	9.08E-06	0.00E+00	1.48E-06	0.00E+00	3.94E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5728	ALL	651968.9	4188204	NonCancer	0.00E+00	5.97E-07	0.00E+00	3.96E-08	3.96E-08	3.96E-08	9.09E-06	0.00E+00	1.49E-06	0.00E+00	3.96E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5729	ALL	651959.5	4188181	NonCancer	0.00E+00	5.99E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.08E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5730	ALL	651950.1	4188159	NonCancer	0.00E+00	5.98E-07	0.00E+00	3.97E-08	3.97E-08	3.97E-08	9.05E-06	0.00E+00	1.49E-06	0.00E+00	3.97E-08	2.32E-05	0.00E+00	0.00E+00	2.32E-05
5731	ALL	651940.6	4188136	NonCancer	0.00E+00	5.96E-07	0.00E+00	3.95E-08	3.95E-08	3.95E-08	9.01E-06	0.00E+00	1.49E-06	0.00E+00	3.95E-08	2.31E-05	0.00E+00	0.00E+00	2.31E-05
5732	ALL	651931.2	4188113	NonCancer	0.00E+00	5.92E-07	0.00E+00	3.93E-08	3.93E-08	3.93E-08	8.94E-06	0.00E+00	1.48E-06	0.00E+00	3.93E-08	2.29E-05	0.00E+00	0.00E+00	2.29E-05
5733	ALL	651921.8	4188091	NonCancer	0.00E+00	5.87E-07	0.00E+00	3.89E-08	3.89E-08	3.89E-08	8.86E-06	0.00E+00	1.46E-06	0.00E+00	3.89E-08	2.27E-05	0.00E+00	0.00E+00	2.27E-05
5734	ALL	651912.4	4188068	NonCancer	0.00E+00	5.81E-07	0.00E+00	3.85E-08	3.85E-08	3.85E-08	8.76E-06	0.00E+00	1.45E-06	0.00E+00	3.85E-08	2.25E-05	0.00E+00	0.00E+00	2.25E-05
5735	ALL	651902.9	4188045	NonCancer	0.00E+00	5.73E-07	0.00E+00	3.80E-08	3.80E-08	3.80E-08	8.65E-06	0.00E+00	1.43E-06	0.00E+00	3.80E-08	2.22E-05	0.00E+00	0.00E+00	2.22E-05
5736	ALL	651893.5	4188023	NonCancer	0.00E+00	5.65E-07	0.00E+00	3.75E-08	3.75E-08	3.75E-08	8.53E-06	0.00E+00	1.41E-06	0.00E+00	3.75E-08	2.19E-05	0.00E+00	0.00E+00	2.19E-05
5737	ALL	651884.1	4188000	NonCancer	0.00E+00	5.55E-07	0.00E+00	3.68E-08	3.68E-08	3.68E-08	8.40E-06	0.00E+00	1.38E-06	0.00E+00	3.68E-08	2.15E-05	0.00E+00	0.00E+00	2.15E-05
5738	ALL	651874.7	4187977	NonCancer	0.00E+00	5.45E-07	0.00E+00	3.61E-08	3.61E-08	3.61E-08	8.26E-06	0.00E+00	1.36E-06	0.00E+00	3.61E-08	2.11E-05	0.00E+00	0.00E+00	2.11E-05
5739	ALL	651865.2	4187955	NonCancer	0.00E+00	5.34E-07	0.00E+00	3.54E-08	3.54E-08	3.54E-08	8.13E-06	0.00E+00	1.33E-06	0.00E+00	3.54E-08	2.07E-05	0.00E+00	0.00E+00	2.07E-05
5740	ALL	651855.8	4187932	NonCancer	0.00E+00	5.23E-07	0.00E+00	3.47E-08	3.47E-08	3.47E-08	7.99E-06	0.00E+00	1.31E-06	0.00E+00	3.47E-08	2.03E-05	0.00E+00	0.00E+00	2.03E-05
5741	ALL	652103.6	4189705	NonCancer	0.00E+00	3.30E-07	0.00E+00	2.19E-08	2.19E-08	2.19E-08	4.93E-06	0.00E+00	8.22E-07	0.00E+00	2.19E-08	1.27E-05	0.00E+00	0.00E+00	1.27E-05
5742	ALL	652094.1	4189683	NonCancer	0.00E+00	3.33E-07	0.00E+00	2.21E-08	2.21E-08	2.21E-08	4.99E-06	0.00E+00	8.30E-07	0.00E+00	2.21E-08	1.29E-05	0.00E+00	0.00E+00	1.29E-05
5743	ALL	652084.6	4189660	NonCancer	0.00E+00	3.36E-07	0.00E+00	2.23E-08	2.23E-08	2.23E-08	5.03E-06	0.00E+00	8.37E-07	0.00E+00	2.23E-08	1.30E-05	0.00E+00	0.00E+00	1.30E-05
5744	ALL	652075.2	4189637	NonCancer	0.00E+00	3.38E-07	0.00E+00	2.24E-08	2.24E-08	2.24E-08	5.08E-06	0.00E+00	8.42E-07	0.00E+00	2.24E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5745	ALL	652065.7	4189615	NonCancer	0.00E+00	3.40E-07	0.00E+00	2.25E-08	2.25E-08	2.25E-08	5.12E-06	0.00E+00	8.47E-07	0.00E+00	2.25E-08	1.31E-05	0.00E+00	0.00E+00	1.31E-05
5746	ALL	652056.3	4189592	NonCancer	0.00E+00	3.41E-07	0.00E+00	2.26E-08	2.26E-08	2.26E-08	5.15E-06	0.00E+00	8.51E-07	0.00E+00	2.26E-08	1.32E-05	0.00E+00	0.00E+00	1.32E-05
5747	ALL	652046.8	4189569	NonCancer	0.00E+00	3.43E-07	0.00E+00	2.27E-08	2.27E-08	2.27E-08	5.18E-06	0.00E+00	8.54E-07	0.00E+00	2.27E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5748	ALL	652037.4	4189546	NonCancer	0.00E+00	3.44E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	5.20E-06	0.00E+00	8.56E-07	0.00E+00	2.28E-08	1.33E-05	0.00E+00	0.00E+00	1.33E-05
5749	ALL	652027.9	4189524	NonCancer	0.00E+00	3.44E-07	0.00E+00	2.28E-08	2.28E-08	2.28E-08	5.23E-06	0.00E+00	8.58E-07	0.00E+00	2.28E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05

5750	ALL	652018.4	4189501	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.25E-06	0.00E+00	8.60E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5751	ALL	652009	4189478	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.26E-06	0.00E+00	8.61E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5752	ALL	651999.5	4189456	NonCancer	0.00E+00	3.45E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.28E-06	0.00E+00	8.61E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5753	ALL	651990.1	4189433	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.29E-08	2.29E-08	2.29E-08	5.29E-06	0.00E+00	8.62E-07	0.00E+00	2.29E-08	1.34E-05	0.00E+00	0.00E+00	1.34E-05
5754	ALL	651980.6	4189410	NonCancer	0.00E+00	3.46E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.31E-06	0.00E+00	8.63E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5755	ALL	651971.1	4189387	NonCancer	0.00E+00	3.47E-07	0.00E+00	2.30E-08	2.30E-08	2.30E-08	5.33E-06	0.00E+00	8.65E-07	0.00E+00	2.30E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5756	ALL	651961.7	4189365	NonCancer	0.00E+00	3.48E-07	0.00E+00	2.31E-08	2.31E-08	2.31E-08	5.34E-06	0.00E+00	8.68E-07	0.00E+00	2.31E-08	1.35E-05	0.00E+00	0.00E+00	1.35E-05
5757	ALL	651952.2	4189342	NonCancer	0.00E+00	3.49E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.36E-06	0.00E+00	8.71E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
5758	ALL	651942.8	4189319	NonCancer	0.00E+00	3.51E-07	0.00E+00	2.33E-08	2.33E-08	2.33E-08	5.39E-06	0.00E+00	8.76E-07	0.00E+00	2.33E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
5759	ALL	651933.3	4189296	NonCancer	0.00E+00	3.53E-07	0.00E+00	2.34E-08	2.34E-08	2.34E-08	5.41E-06	0.00E+00	8.81E-07	0.00E+00	2.34E-08	1.37E-05	0.00E+00	0.00E+00	1.37E-05
5760	ALL	651923.8	4189274	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.44E-06	0.00E+00	8.87E-07	0.00E+00	2.36E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
5761	ALL	651914.4	4189251	NonCancer	0.00E+00	3.58E-07	0.00E+00	2.38E-08	2.38E-08	2.38E-08	5.47E-06	0.00E+00	8.93E-07	0.00E+00	2.38E-08	1.39E-05	0.00E+00	0.00E+00	1.39E-05
5762	ALL	651904.9	4189228	NonCancer	0.00E+00	3.61E-07	0.00E+00	2.39E-08	2.39E-08	2.39E-08	5.50E-06	0.00E+00	9.00E-07	0.00E+00	2.39E-08	1.40E-05	0.00E+00	0.00E+00	1.40E-05
5763	ALL	651895.5	4189206	NonCancer	0.00E+00	3.63E-07	0.00E+00	2.41E-08	2.41E-08	2.41E-08	5.54E-06	0.00E+00	9.06E-07	0.00E+00	2.41E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
5764	ALL	651886	4189183	NonCancer	0.00E+00	3.66E-07	0.00E+00	2.43E-08	2.43E-08	2.43E-08	5.57E-06	0.00E+00	9.12E-07	0.00E+00	2.43E-08	1.42E-05	0.00E+00	0.00E+00	1.42E-05
5765	ALL	651876.6	4189160	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.61E-06	0.00E+00	9.17E-07	0.00E+00	2.44E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
5766	ALL	651867.1	4189137	NonCancer	0.00E+00	3.70E-07	0.00E+00	2.45E-08	2.45E-08	2.45E-08	5.64E-06	0.00E+00	9.23E-07	0.00E+00	2.45E-08	1.44E-05	0.00E+00	0.00E+00	1.44E-05
5767	ALL	651857.6	4189115	NonCancer	0.00E+00	3.72E-07	0.00E+00	2.47E-08	2.47E-08	2.47E-08	5.68E-06	0.00E+00	9.28E-07	0.00E+00	2.47E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
5768	ALL	651848.2	4189092	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.72E-06	0.00E+00	9.34E-07	0.00E+00	2.48E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
5769	ALL	651838.7	4189069	NonCancer	0.00E+00	3.77E-07	0.00E+00	2.50E-08	2.50E-08	2.50E-08	5.75E-06	0.00E+00	9.39E-07	0.00E+00	2.50E-08	1.46E-05	0.00E+00	0.00E+00	1.46E-05
5770	ALL	651829.3	4189047	NonCancer	0.00E+00	3.79E-07	0.00E+00	2.51E-08	2.51E-08	2.51E-08	5.79E-06	0.00E+00	9.45E-07	0.00E+00	2.51E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
5771	ALL	651819.8	4189024	NonCancer	0.00E+00	3.81E-07	0.00E+00	2.53E-08	2.53E-08	2.53E-08	5.82E-06	0.00E+00	9.51E-07	0.00E+00	2.53E-08	1.48E-05	0.00E+00	0.00E+00	1.48E-05
5772	ALL	651810.3	4189001	NonCancer	0.00E+00	3.83E-07	0.00E+00	2.54E-08	2.54E-08	2.54E-08	5.85E-06	0.00E+00	9.55E-07	0.00E+00	2.54E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
5773	ALL	651800.9	4188978	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.55E-08	2.55E-08	2.55E-08	5.88E-06	0.00E+00	9.59E-07	0.00E+00	2.55E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5774	ALL	651791.4	4188956	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.91E-06	0.00E+00	9.62E-07	0.00E+00	2.56E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5775	ALL	651782	4188933	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.93E-06	0.00E+00	9.63E-07	0.00E+00	2.56E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5776	ALL	651772.5	4188910	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.94E-06	0.00E+00	9.63E-07	0.00E+00	2.56E-08	1.50E-05	0.00E+00	0.00E+00	1.50E-05
5777	ALL	651763.1	4188887	NonCancer	0.00E+00	3.86E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.95E-06	0.00E+00	9.64E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5778	ALL	651753.6	4188865	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	5.98E-06	0.00E+00	9.66E-07	0.00E+00	2.57E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5779	ALL	651744.1	4188842	NonCancer	0.00E+00	3.88E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	6.00E-06	0.00E+00	9.69E-07	0.00E+00	2.57E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5780	ALL	651734.7	4188819	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	6.02E-06	0.00E+00	9.72E-07	0.00E+00	2.58E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5781	ALL	651725.2	4188797	NonCancer	0.00E+00	3.92E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	6.05E-06	0.00E+00	9.77E-07	0.00E+00	2.60E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
5782	ALL	651715.8	4188774	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.62E-08	2.62E-08	2.62E-08	6.08E-06	0.00E+00	9.84E-07	0.00E+00	2.62E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5783	ALL	651706.3	4188751	NonCancer	0.00E+00	3.98E-07	0.00E+00	2.64E-08	2.64E-08	2.64E-08	6.10E-06	0.00E+00	9.92E-07	0.00E+00	2.64E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5784	ALL	651696.8	4188728	NonCancer	0.00E+00	4.01E-07	0.00E+00	2.66E-08	2.66E-08	2.66E-08	6.13E-06	0.00E+00	1.00E-06	0.00E+00	2.66E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5785	ALL	651687.4	4188706	NonCancer	0.00E+00	4.04E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5786	ALL	651677.9	4188683	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.17E-06	0.00E+00	1.02E-06	0.00E+00	2.70E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5787	ALL	651668.5	4188660	NonCancer	0.00E+00	4.09E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.18E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5788	ALL	651659	4188638	NonCancer	0.00E+00	4.10E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.18E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.59E-05	0.00E+00	0.00E+00	1.59E-05
5789	ALL	651649.6	4188615	NonCancer	0.00E+00	4.09E-07	0.00E+00	2.72E-08	2.72E-08	2.72E-08	6.17E-06	0.00E+00	1.02E-06	0.00E+00	2.72E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5790	ALL	651640.1	4188592	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.16E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.58E-05	0.00E+00	0.00E+00	1.58E-05
5791	ALL	651630.6	4188569	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.13E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5792	ALL	651621.2	4188547	NonCancer	0.00E+00	3.99E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	6.10E-06	0.00E+00	9.95E-07	0.00E+00	2.65E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5793	ALL	651611.7	4188524	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	6.07E-06	0.00E+00	9.84E-07	0.00E+00	2.61E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5794	ALL	651602.3	4188501	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	6.04E-06	0.00E+00	9.74E-07	0.00E+00	2.59E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5795	ALL	651592.8	4188479	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.57E-08	2.57E-08	2.57E-08	6.02E-06	0.00E+00	9.66E-07	0.00E+00	2.57E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5796	ALL	651583.3	4188456	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	6.01E-06	0.00E+00	9.62E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5797	ALL	651573.9	4188433	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	6.01E-06	0.00E+00	9.62E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5798	ALL	651564.4	4188410	NonCancer	0.00E+00	3.87E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	6.02E-06	0.00E+00	9.65E-07	0.00E+00	2.56E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5799	ALL	651555	4188388	NonCancer	0.00E+00	3.89E-07	0.00E+00	2.58E-08	2.58E-08	2.58E-08	6.04E-06	0.00E+00	9.71E-07	0.00E+00	2.58E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05

5800	ALL	651545.5	4188365	NonCancer	0.00E+00	3.93E-07	0.00E+00	2.60E-08	2.60E-08	2.60E-08	6.07E-06	0.00E+00	9.79E-07	0.00E+00	2.60E-08	1.53E-05	0.00E+00	0.00E+00	1.53E-05
5801	ALL	651536.1	4188342	NonCancer	0.00E+00	3.96E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	6.09E-06	0.00E+00	9.88E-07	0.00E+00	2.63E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5802	ALL	651526.6	4188319	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	6.11E-06	0.00E+00	9.97E-07	0.00E+00	2.65E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5803	ALL	651517.1	4188297	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	6.13E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5804	ALL	651507.7	4188274	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.14E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5805	ALL	651498.2	4188251	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.15E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5806	ALL	651488.8	4188229	NonCancer	0.00E+00	4.07E-07	0.00E+00	2.70E-08	2.70E-08	2.70E-08	6.14E-06	0.00E+00	1.01E-06	0.00E+00	2.70E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5807	ALL	651479.3	4188206	NonCancer	0.00E+00	4.06E-07	0.00E+00	2.69E-08	2.69E-08	2.69E-08	6.12E-06	0.00E+00	1.01E-06	0.00E+00	2.69E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5808	ALL	651469.8	4188183	NonCancer	0.00E+00	4.05E-07	0.00E+00	2.68E-08	2.68E-08	2.68E-08	6.09E-06	0.00E+00	1.01E-06	0.00E+00	2.68E-08	1.57E-05	0.00E+00	0.00E+00	1.57E-05
5809	ALL	651460.4	4188160	NonCancer	0.00E+00	4.03E-07	0.00E+00	2.67E-08	2.67E-08	2.67E-08	6.06E-06	0.00E+00	1.00E-06	0.00E+00	2.67E-08	1.56E-05	0.00E+00	0.00E+00	1.56E-05
5810	ALL	651450.9	4188138	NonCancer	0.00E+00	4.00E-07	0.00E+00	2.65E-08	2.65E-08	2.65E-08	6.02E-06	0.00E+00	9.97E-07	0.00E+00	2.65E-08	1.55E-05	0.00E+00	0.00E+00	1.55E-05
5811	ALL	651441.5	4188115	NonCancer	0.00E+00	3.97E-07	0.00E+00	2.63E-08	2.63E-08	2.63E-08	5.97E-06	0.00E+00	9.90E-07	0.00E+00	2.63E-08	1.54E-05	0.00E+00	0.00E+00	1.54E-05
5812	ALL	651432	4188092	NonCancer	0.00E+00	3.94E-07	0.00E+00	2.61E-08	2.61E-08	2.61E-08	5.92E-06	0.00E+00	9.81E-07	0.00E+00	2.61E-08	1.52E-05	0.00E+00	0.00E+00	1.52E-05
5813	ALL	651422.6	4188070	NonCancer	0.00E+00	3.90E-07	0.00E+00	2.59E-08	2.59E-08	2.59E-08	5.86E-06	0.00E+00	9.71E-07	0.00E+00	2.59E-08	1.51E-05	0.00E+00	0.00E+00	1.51E-05
5814	ALL	651413.1	4188047	NonCancer	0.00E+00	3.85E-07	0.00E+00	2.56E-08	2.56E-08	2.56E-08	5.79E-06	0.00E+00	9.60E-07	0.00E+00	2.56E-08	1.49E-05	0.00E+00	0.00E+00	1.49E-05
5815	ALL	651403.6	4188024	NonCancer	0.00E+00	3.80E-07	0.00E+00	2.52E-08	2.52E-08	2.52E-08	5.72E-06	0.00E+00	9.47E-07	0.00E+00	2.52E-08	1.47E-05	0.00E+00	0.00E+00	1.47E-05
5816	ALL	651394.2	4188001	NonCancer	0.00E+00	3.74E-07	0.00E+00	2.48E-08	2.48E-08	2.48E-08	5.65E-06	0.00E+00	9.33E-07	0.00E+00	2.48E-08	1.45E-05	0.00E+00	0.00E+00	1.45E-05
5817	ALL	651384.7	4187979	NonCancer	0.00E+00	3.68E-07	0.00E+00	2.44E-08	2.44E-08	2.44E-08	5.57E-06	0.00E+00	9.18E-07	0.00E+00	2.44E-08	1.43E-05	0.00E+00	0.00E+00	1.43E-05
5818	ALL	651375.3	4187956	NonCancer	0.00E+00	3.62E-07	0.00E+00	2.40E-08	2.40E-08	2.40E-08	5.50E-06	0.00E+00	9.03E-07	0.00E+00	2.40E-08	1.41E-05	0.00E+00	0.00E+00	1.41E-05
5819	ALL	651365.8	4187933	NonCancer	0.00E+00	3.56E-07	0.00E+00	2.36E-08	2.36E-08	2.36E-08	5.42E-06	0.00E+00	8.88E-07	0.00E+00	2.36E-08	1.38E-05	0.00E+00	0.00E+00	1.38E-05
5820	ALL	651356.3	4187910	NonCancer	0.00E+00	3.50E-07	0.00E+00	2.32E-08	2.32E-08	2.32E-08	5.35E-06	0.00E+00	8.74E-07	0.00E+00	2.32E-08	1.36E-05	0.00E+00	0.00E+00	1.36E-05
5821	ALL	652117.4	4189725	NonCancer	0.00E+00	3.27E-07	0.00E+00	2.17E-08	2.17E-08	2.17E-08	4.89E-06	0.00E+00	8.16E-07	0.00E+00	2.17E-08	1.26E-05	0.00E+00	0.00E+00	1.26E-05
5822	ALL	651767.1	4190075	NonCancer	0.00E+00	2.42E-07	0.00E+00	1.60E-08	1.60E-08	1.60E-08	3.60E-06	0.00E+00	6.02E-07	0.00E+00	1.60E-08	9.32E-06	0.00E+00	0.00E+00	9.32E-06
5823	ALL	651757.6	4190053	NonCancer	0.00E+00	2.44E-07	0.00E+00	1.62E-08	1.62E-08	1.62E-08	3.64E-06	0.00E+00	6.07E-07	0.00E+00	1.62E-08	9.40E-06	0.00E+00	0.00E+00	9.40E-06
5824	ALL	651748.2	4190030	NonCancer	0.00E+00	2.45E-07	0.00E+00	1.63E-08	1.63E-08	1.63E-08	3.67E-06	0.00E+00	6.11E-07	0.00E+00	1.63E-08	9.46E-06	0.00E+00	0.00E+00	9.46E-06
5825	ALL	651738.8	4190007	NonCancer	0.00E+00	2.47E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.69E-06	0.00E+00	6.15E-07	0.00E+00	1.64E-08	9.53E-06	0.00E+00	0.00E+00	9.53E-06
5826	ALL	651729.3	4189985	NonCancer	0.00E+00	2.48E-07	0.00E+00	1.64E-08	1.64E-08	1.64E-08	3.72E-06	0.00E+00	6.18E-07	0.00E+00	1.64E-08	9.58E-06	0.00E+00	0.00E+00	9.58E-06
5827	ALL	651719.9	4189962	NonCancer	0.00E+00	2.49E-07	0.00E+00	1.65E-08	1.65E-08	1.65E-08	3.74E-06	0.00E+00	6.20E-07	0.00E+00	1.65E-08	9.62E-06	0.00E+00	0.00E+00	9.62E-06
5828	ALL	651710.5	4189939	NonCancer	0.00E+00	2.50E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.76E-06	0.00E+00	6.23E-07	0.00E+00	1.66E-08	9.66E-06	0.00E+00	0.00E+00	9.66E-06
5829	ALL	651701	4189917	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.66E-08	1.66E-08	1.66E-08	3.78E-06	0.00E+00	6.25E-07	0.00E+00	1.66E-08	9.70E-06	0.00E+00	0.00E+00	9.70E-06
5830	ALL	651691.6	4189894	NonCancer	0.00E+00	2.51E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.79E-06	0.00E+00	6.26E-07	0.00E+00	1.67E-08	9.73E-06	0.00E+00	0.00E+00	9.73E-06
5831	ALL	651682.2	4189871	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.81E-06	0.00E+00	6.28E-07	0.00E+00	1.67E-08	9.75E-06	0.00E+00	0.00E+00	9.75E-06
5832	ALL	651672.7	4189849	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.82E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.77E-06	0.00E+00	0.00E+00	9.77E-06
5833	ALL	651663.3	4189826	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.83E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.79E-06	0.00E+00	0.00E+00	9.79E-06
5834	ALL	651653.9	4189803	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.84E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.80E-06	0.00E+00	0.00E+00	9.80E-06
5835	ALL	651644.4	4189781	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.85E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.81E-06	0.00E+00	0.00E+00	9.81E-06
5836	ALL	651635	4189758	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.85E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5837	ALL	651625.6	4189735	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.86E-06	0.00E+00	6.30E-07	0.00E+00	1.68E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5838	ALL	651616.1	4189713	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.87E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.83E-06	0.00E+00	0.00E+00	9.83E-06
5839	ALL	651606.7	4189690	NonCancer	0.00E+00	2.53E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.88E-06	0.00E+00	6.31E-07	0.00E+00	1.68E-08	9.85E-06	0.00E+00	0.00E+00	9.85E-06
5840	ALL	651597.3	4189667	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.68E-08	1.68E-08	1.68E-08	3.89E-06	0.00E+00	6.33E-07	0.00E+00	1.68E-08	9.87E-06	0.00E+00	0.00E+00	9.87E-06
5841	ALL	651587.8	4189645	NonCancer	0.00E+00	2.54E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.90E-06	0.00E+00	6.34E-07	0.00E+00	1.69E-08	9.90E-06	0.00E+00	0.00E+00	9.90E-06
5842	ALL	651578.4	4189622	NonCancer	0.00E+00	2.55E-07	0.00E+00	1.69E-08	1.69E-08	1.69E-08	3.91E-06	0.00E+00	6.37E-07	0.00E+00	1.69E-08	9.93E-06	0.00E+00	0.00E+00	9.93E-06
5843	ALL	651569	4189599	NonCancer	0.00E+00	2.57E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.92E-06	0.00E+00	6.40E-07	0.00E+00	1.70E-08	9.98E-06	0.00E+00	0.00E+00	9.98E-06
5844	ALL	651559.5	4189577	NonCancer	0.00E+00	2.58E-07	0.00E+00	1.71E-08	1.71E-08	1.71E-08	3.94E-06	0.00E+00	6.43E-07	0.00E+00	1.71E-08	1.00E-05	0.00E+00	0.00E+00	1.00E-05
5845	ALL	651550.1	4189554	NonCancer	0.00E+00	2.60E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.96E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5846	ALL	651540.7	4189531	NonCancer	0.00E+00	2.61E-07	0.00E+00	1.73E-08	1.73E-08	1.73E-08	3.98E-06	0.00E+00	6.51E-07	0.00E+00	1.73E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5847	ALL	651531.2	4189509	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.74E-08	1.74E-08	1.74E-08	4.00E-06	0.00E+00	6.56E-07	0.00E+00	1.74E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
5848	ALL	651521.8	4189486	NonCancer	0.00E+00	2.65E-07	0.00E+00	1.76E-08	1.76E-08	1.76E-08	4.02E-06	0.00E+00	6.60E-07	0.00E+00	1.76E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
5849	ALL	651512.4	4189463	NonCancer	0.00E+00	2.66E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.04E-06	0.00E+00	6.63E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05

5850	ALL	651502.9	4189441	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.06E-06	0.00E+00	6.67E-07	0.00E+00	1.77E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
5851	ALL	651493.5	4189418	NonCancer	0.00E+00	2.69E-07	0.00E+00	1.78E-08	1.78E-08	1.78E-08	4.08E-06	0.00E+00	6.70E-07	0.00E+00	1.78E-08	1.04E-05	0.00E+00	0.00E+00	1.04E-05
5852	ALL	651484.1	4189395	NonCancer	0.00E+00	2.70E-07	0.00E+00	1.79E-08	1.79E-08	1.79E-08	4.10E-06	0.00E+00	6.73E-07	0.00E+00	1.79E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5853	ALL	651474.6	4189373	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.12E-06	0.00E+00	6.76E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5854	ALL	651465.2	4189350	NonCancer	0.00E+00	2.72E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.14E-06	0.00E+00	6.79E-07	0.00E+00	1.81E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5855	ALL	651455.8	4189328	NonCancer	0.00E+00	2.73E-07	0.00E+00	1.81E-08	1.81E-08	1.81E-08	4.16E-06	0.00E+00	6.82E-07	0.00E+00	1.81E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5856	ALL	651446.3	4189305	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.19E-06	0.00E+00	6.85E-07	0.00E+00	1.82E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
5857	ALL	651436.9	4189282	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.83E-08	1.83E-08	1.83E-08	4.21E-06	0.00E+00	6.89E-07	0.00E+00	1.83E-08	1.07E-05	0.00E+00	0.00E+00	1.07E-05
5858	ALL	651427.5	4189260	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.84E-08	1.84E-08	1.84E-08	4.23E-06	0.00E+00	6.92E-07	0.00E+00	1.84E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5859	ALL	651418	4189237	NonCancer	0.00E+00	2.79E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.25E-06	0.00E+00	6.95E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5860	ALL	651408.6	4189214	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.26E-06	0.00E+00	6.98E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5861	ALL	651399.2	4189192	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.28E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5862	ALL	651389.7	4189169	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.29E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5863	ALL	651380.3	4189146	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.30E-06	0.00E+00	7.02E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5864	ALL	651370.9	4189124	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.31E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5865	ALL	651361.4	4189101	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.33E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5866	ALL	651352	4189078	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.34E-06	0.00E+00	7.04E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5867	ALL	651342.6	4189056	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.35E-06	0.00E+00	7.05E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5868	ALL	651333.1	4189033	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.36E-06	0.00E+00	7.06E-07	0.00E+00	1.88E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5869	ALL	651323.7	4189010	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.37E-06	0.00E+00	7.08E-07	0.00E+00	1.88E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5870	ALL	651314.3	4188988	NonCancer	0.00E+00	2.85E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.39E-06	0.00E+00	7.10E-07	0.00E+00	1.89E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5871	ALL	651304.8	4188965	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.41E-06	0.00E+00	7.14E-07	0.00E+00	1.90E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5872	ALL	651295.4	4188942	NonCancer	0.00E+00	2.88E-07	0.00E+00	1.91E-08	1.91E-08	1.91E-08	4.42E-06	0.00E+00	7.18E-07	0.00E+00	1.91E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5873	ALL	651286	4188920	NonCancer	0.00E+00	2.90E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.44E-06	0.00E+00	7.23E-07	0.00E+00	1.92E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5874	ALL	651276.5	4188897	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.46E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5875	ALL	651267.1	4188874	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.48E-06	0.00E+00	7.34E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5876	ALL	651257.7	4188852	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.50E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5877	ALL	651248.2	4188829	NonCancer	0.00E+00	2.99E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.51E-06	0.00E+00	7.45E-07	0.00E+00	1.98E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5878	ALL	651238.8	4188806	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.52E-06	0.00E+00	7.49E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5879	ALL	651229.4	4188784	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.52E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5880	ALL	651219.9	4188761	NonCancer	0.00E+00	3.01E-07	0.00E+00	2.00E-08	2.00E-08	2.00E-08	4.52E-06	0.00E+00	7.50E-07	0.00E+00	2.00E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5881	ALL	651210.5	4188738	NonCancer	0.00E+00	3.00E-07	0.00E+00	1.99E-08	1.99E-08	1.99E-08	4.51E-06	0.00E+00	7.47E-07	0.00E+00	1.99E-08	1.16E-05	0.00E+00	0.00E+00	1.16E-05
5882	ALL	651201.1	4188716	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.98E-08	1.98E-08	1.98E-08	4.49E-06	0.00E+00	7.42E-07	0.00E+00	1.98E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5883	ALL	651191.6	4188693	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.47E-06	0.00E+00	7.35E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5884	ALL	651182.2	4188670	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.45E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5885	ALL	651172.8	4188648	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.42E-06	0.00E+00	7.20E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5886	ALL	651163.3	4188625	NonCancer	0.00E+00	2.86E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.40E-06	0.00E+00	7.13E-07	0.00E+00	1.90E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5887	ALL	651153.9	4188602	NonCancer	0.00E+00	2.83E-07	0.00E+00	1.88E-08	1.88E-08	1.88E-08	4.39E-06	0.00E+00	7.07E-07	0.00E+00	1.88E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5888	ALL	651144.5	4188580	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.37E-06	0.00E+00	7.03E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5889	ALL	651135	4188557	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.37E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5890	ALL	651125.6	4188534	NonCancer	0.00E+00	2.80E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.37E-06	0.00E+00	7.00E-07	0.00E+00	1.86E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5891	ALL	651116.2	4188512	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.86E-08	1.86E-08	1.86E-08	4.37E-06	0.00E+00	7.01E-07	0.00E+00	1.86E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5892	ALL	651106.7	4188489	NonCancer	0.00E+00	2.82E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.38E-06	0.00E+00	7.05E-07	0.00E+00	1.87E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5893	ALL	651097.3	4188466	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.40E-06	0.00E+00	7.10E-07	0.00E+00	1.89E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5894	ALL	651087.9	4188444	NonCancer	0.00E+00	2.87E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.41E-06	0.00E+00	7.16E-07	0.00E+00	1.90E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5895	ALL	651078.5	4188421	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.43E-06	0.00E+00	7.22E-07	0.00E+00	1.92E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5896	ALL	651069	4188398	NonCancer	0.00E+00	2.92E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.45E-06	0.00E+00	7.28E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5897	ALL	651059.6	4188376	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.47E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5898	ALL	651050.2	4188353	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.48E-06	0.00E+00	7.38E-07	0.00E+00	1.96E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5899	ALL	651040.7	4188330	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.48E-06	0.00E+00	7.40E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05

5900	ALL	651031.3	4188308	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.49E-06	0.00E+00	7.42E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5901	ALL	651021.9	4188285	NonCancer	0.00E+00	2.98E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.48E-06	0.00E+00	7.42E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5902	ALL	651012.4	4188263	NonCancer	0.00E+00	2.97E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.47E-06	0.00E+00	7.41E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5903	ALL	651003	4188240	NonCancer	0.00E+00	2.96E-07	0.00E+00	1.97E-08	1.97E-08	1.97E-08	4.46E-06	0.00E+00	7.39E-07	0.00E+00	1.97E-08	1.15E-05	0.00E+00	0.00E+00	1.15E-05
5904	ALL	650993.6	4188217	NonCancer	0.00E+00	2.95E-07	0.00E+00	1.96E-08	1.96E-08	1.96E-08	4.44E-06	0.00E+00	7.36E-07	0.00E+00	1.96E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5905	ALL	650984.1	4188195	NonCancer	0.00E+00	2.94E-07	0.00E+00	1.95E-08	1.95E-08	1.95E-08	4.42E-06	0.00E+00	7.33E-07	0.00E+00	1.95E-08	1.14E-05	0.00E+00	0.00E+00	1.14E-05
5906	ALL	650974.7	4188172	NonCancer	0.00E+00	2.93E-07	0.00E+00	1.94E-08	1.94E-08	1.94E-08	4.40E-06	0.00E+00	7.29E-07	0.00E+00	1.94E-08	1.13E-05	0.00E+00	0.00E+00	1.13E-05
5907	ALL	650965.3	4188149	NonCancer	0.00E+00	2.91E-07	0.00E+00	1.93E-08	1.93E-08	1.93E-08	4.37E-06	0.00E+00	7.25E-07	0.00E+00	1.93E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5908	ALL	650955.8	4188127	NonCancer	0.00E+00	2.89E-07	0.00E+00	1.92E-08	1.92E-08	1.92E-08	4.34E-06	0.00E+00	7.20E-07	0.00E+00	1.92E-08	1.12E-05	0.00E+00	0.00E+00	1.12E-05
5909	ALL	650946.4	4188104	NonCancer	0.00E+00	2.87E-07	0.00E+00	1.90E-08	1.90E-08	1.90E-08	4.30E-06	0.00E+00	7.14E-07	0.00E+00	1.90E-08	1.11E-05	0.00E+00	0.00E+00	1.11E-05
5910	ALL	650937	4188081	NonCancer	0.00E+00	2.84E-07	0.00E+00	1.89E-08	1.89E-08	1.89E-08	4.26E-06	0.00E+00	7.08E-07	0.00E+00	1.89E-08	1.10E-05	0.00E+00	0.00E+00	1.10E-05
5911	ALL	650927.5	4188059	NonCancer	0.00E+00	2.81E-07	0.00E+00	1.87E-08	1.87E-08	1.87E-08	4.22E-06	0.00E+00	7.01E-07	0.00E+00	1.87E-08	1.09E-05	0.00E+00	0.00E+00	1.09E-05
5912	ALL	650918.1	4188036	NonCancer	0.00E+00	2.78E-07	0.00E+00	1.85E-08	1.85E-08	1.85E-08	4.18E-06	0.00E+00	6.93E-07	0.00E+00	1.85E-08	1.08E-05	0.00E+00	0.00E+00	1.08E-05
5913	ALL	650908.7	4188013	NonCancer	0.00E+00	2.75E-07	0.00E+00	1.82E-08	1.82E-08	1.82E-08	4.13E-06	0.00E+00	6.84E-07	0.00E+00	1.82E-08	1.06E-05	0.00E+00	0.00E+00	1.06E-05
5914	ALL	650899.2	4187991	NonCancer	0.00E+00	2.71E-07	0.00E+00	1.80E-08	1.80E-08	1.80E-08	4.09E-06	0.00E+00	6.75E-07	0.00E+00	1.80E-08	1.05E-05	0.00E+00	0.00E+00	1.05E-05
5915	ALL	650889.8	4187968	NonCancer	0.00E+00	2.67E-07	0.00E+00	1.77E-08	1.77E-08	1.77E-08	4.04E-06	0.00E+00	6.65E-07	0.00E+00	1.77E-08	1.03E-05	0.00E+00	0.00E+00	1.03E-05
5916	ALL	650880.4	4187945	NonCancer	0.00E+00	2.63E-07	0.00E+00	1.75E-08	1.75E-08	1.75E-08	4.00E-06	0.00E+00	6.56E-07	0.00E+00	1.75E-08	1.02E-05	0.00E+00	0.00E+00	1.02E-05
5917	ALL	650870.9	4187923	NonCancer	0.00E+00	2.59E-07	0.00E+00	1.72E-08	1.72E-08	1.72E-08	3.95E-06	0.00E+00	6.47E-07	0.00E+00	1.72E-08	1.01E-05	0.00E+00	0.00E+00	1.01E-05
5918	ALL	650861.5	4187900	NonCancer	0.00E+00	2.56E-07	0.00E+00	1.70E-08	1.70E-08	1.70E-08	3.90E-06	0.00E+00	6.38E-07	0.00E+00	1.70E-08	9.94E-06	0.00E+00	0.00E+00	9.94E-06
5919	ALL	650852.1	4187877	NonCancer	0.00E+00	2.52E-07	0.00E+00	1.67E-08	1.67E-08	1.67E-08	3.86E-06	0.00E+00	6.29E-07	0.00E+00	1.67E-08	9.82E-06	0.00E+00	0.00E+00	9.82E-06
5920	ALL	651780.9	4190095	NonCancer	0.00E+00	2.40E-07	0.00E+00	1.59E-08	1.59E-08	1.59E-08	3.58E-06	0.00E+00	5.98E-07	0.00E+00	1.59E-08	9.25E-06	0.00E+00	0.00E+00	9.25E-06
5921	ALL	651430.5	4190445	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.17E-06	0.00E+00	0.00E+00	7.17E-06
5922	ALL	651421.1	4190422	NonCancer	0.00E+00	1.87E-07	0.00E+00	1.24E-08	1.24E-08	1.24E-08	2.79E-06	0.00E+00	4.67E-07	0.00E+00	1.24E-08	7.22E-06	0.00E+00	0.00E+00	7.22E-06
5923	ALL	651411.6	4190400	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.25E-08	1.25E-08	1.25E-08	2.81E-06	0.00E+00	4.70E-07	0.00E+00	1.25E-08	7.27E-06	0.00E+00	0.00E+00	7.27E-06
5924	ALL	651402.2	4190377	NonCancer	0.00E+00	1.89E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.83E-06	0.00E+00	4.72E-07	0.00E+00	1.26E-08	7.31E-06	0.00E+00	0.00E+00	7.31E-06
5925	ALL	651392.7	4190354	NonCancer	0.00E+00	1.90E-07	0.00E+00	1.26E-08	1.26E-08	1.26E-08	2.85E-06	0.00E+00	4.74E-07	0.00E+00	1.26E-08	7.35E-06	0.00E+00	0.00E+00	7.35E-06
5926	ALL	651383.2	4190331	NonCancer	0.00E+00	1.91E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.86E-06	0.00E+00	4.76E-07	0.00E+00	1.27E-08	7.38E-06	0.00E+00	0.00E+00	7.38E-06
5927	ALL	651373.8	4190309	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.27E-08	1.27E-08	1.27E-08	2.88E-06	0.00E+00	4.78E-07	0.00E+00	1.27E-08	7.41E-06	0.00E+00	0.00E+00	7.41E-06
5928	ALL	651364.3	4190286	NonCancer	0.00E+00	1.92E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.89E-06	0.00E+00	4.79E-07	0.00E+00	1.28E-08	7.43E-06	0.00E+00	0.00E+00	7.43E-06
5929	ALL	651354.9	4190263	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.90E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.46E-06	0.00E+00	0.00E+00	7.46E-06
5930	ALL	651345.4	4190241	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.91E-06	0.00E+00	4.82E-07	0.00E+00	1.28E-08	7.48E-06	0.00E+00	0.00E+00	7.48E-06
5931	ALL	651336	4190218	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.92E-06	0.00E+00	4.83E-07	0.00E+00	1.28E-08	7.50E-06	0.00E+00	0.00E+00	7.50E-06
5932	ALL	651326.5	4190195	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.93E-06	0.00E+00	4.84E-07	0.00E+00	1.29E-08	7.51E-06	0.00E+00	0.00E+00	7.51E-06
5933	ALL	651317.1	4190172	NonCancer	0.00E+00	1.94E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.53E-06	0.00E+00	0.00E+00	7.53E-06
5934	ALL	651307.6	4190150	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.94E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.54E-06	0.00E+00	0.00E+00	7.54E-06
5935	ALL	651298.1	4190127	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.95E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5936	ALL	651288.7	4190104	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.96E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.55E-06	0.00E+00	0.00E+00	7.55E-06
5937	ALL	651279.2	4190082	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.96E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5938	ALL	651269.8	4190059	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.96E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5939	ALL	651260.3	4190036	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.97E-06	0.00E+00	4.85E-07	0.00E+00	1.29E-08	7.56E-06	0.00E+00	0.00E+00	7.56E-06
5940	ALL	651250.9	4190013	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.97E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.57E-06	0.00E+00	0.00E+00	7.57E-06
5941	ALL	651241.4	4189991	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
5942	ALL	651232	4189968	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.87E-07	0.00E+00	1.29E-08	7.59E-06	0.00E+00	0.00E+00	7.59E-06
5943	ALL	651222.5	4189945	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	2.99E-06	0.00E+00	4.87E-07	0.00E+00	1.30E-08	7.60E-06	0.00E+00	0.00E+00	7.60E-06
5944	ALL	651213	4189923	NonCancer	0.00E+00	1.96E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	3.00E-06	0.00E+00	4.89E-07	0.00E+00	1.30E-08	7.62E-06	0.00E+00	0.00E+00	7.62E-06
5945	ALL	651203.6	4189900	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.30E-08	1.30E-08	1.30E-08	3.01E-06	0.00E+00	4.91E-07	0.00E+00	1.30E-08	7.65E-06	0.00E+00	0.00E+00	7.65E-06
5946	ALL	651194.1	4189877	NonCancer	0.00E+00	1.98E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	3.02E-06	0.00E+00	4.93E-07	0.00E+00	1.31E-08	7.68E-06	0.00E+00	0.00E+00	7.68E-06
5947	ALL	651184.7	4189854	NonCancer	0.00E+00	1.99E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.03E-06	0.00E+00	4.95E-07	0.00E+00	1.32E-08	7.71E-06	0.00E+00	0.00E+00	7.71E-06
5948	ALL	651175.2	4189832	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.32E-08	1.32E-08	1.32E-08	3.04E-06	0.00E+00	4.98E-07	0.00E+00	1.32E-08	7.75E-06	0.00E+00	0.00E+00	7.75E-06
5949	ALL	651165.8	4189809	NonCancer	0.00E+00	2.01E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.05E-06	0.00E+00	5.01E-07	0.00E+00	1.33E-08	7.79E-06	0.00E+00	0.00E+00	7.79E-06

5950	ALL	651156.3	4189786	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.06E-06	0.00E+00	5.04E-07	0.00E+00	1.34E-08	7.83E-06	0.00E+00	0.00E+00	7.83E-06
5951	ALL	651146.8	4189764	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.07E-06	0.00E+00	5.06E-07	0.00E+00	1.35E-08	7.87E-06	0.00E+00	0.00E+00	7.87E-06
5952	ALL	651137.4	4189741	NonCancer	0.00E+00	2.04E-07	0.00E+00	1.35E-08	1.35E-08	1.35E-08	3.09E-06	0.00E+00	5.09E-07	0.00E+00	1.35E-08	7.91E-06	0.00E+00	0.00E+00	7.91E-06
5953	ALL	651127.9	4189718	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.10E-06	0.00E+00	5.11E-07	0.00E+00	1.36E-08	7.94E-06	0.00E+00	0.00E+00	7.94E-06
5954	ALL	651118.5	4189695	NonCancer	0.00E+00	2.06E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.11E-06	0.00E+00	5.13E-07	0.00E+00	1.37E-08	7.98E-06	0.00E+00	0.00E+00	7.98E-06
5955	ALL	651109	4189673	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.37E-08	1.37E-08	1.37E-08	3.13E-06	0.00E+00	5.15E-07	0.00E+00	1.37E-08	8.01E-06	0.00E+00	0.00E+00	8.01E-06
5956	ALL	651099.6	4189650	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.14E-06	0.00E+00	5.17E-07	0.00E+00	1.38E-08	8.04E-06	0.00E+00	0.00E+00	8.04E-06
5957	ALL	651090.1	4189627	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.15E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.06E-06	0.00E+00	0.00E+00	8.06E-06
5958	ALL	651080.7	4189605	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.17E-06	0.00E+00	5.20E-07	0.00E+00	1.38E-08	8.09E-06	0.00E+00	0.00E+00	8.09E-06
5959	ALL	651071.2	4189582	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.18E-06	0.00E+00	5.22E-07	0.00E+00	1.39E-08	8.13E-06	0.00E+00	0.00E+00	8.13E-06
5960	ALL	651061.7	4189559	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.39E-08	1.39E-08	1.39E-08	3.20E-06	0.00E+00	5.24E-07	0.00E+00	1.39E-08	8.16E-06	0.00E+00	0.00E+00	8.16E-06
5961	ALL	651052.3	4189536	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.21E-06	0.00E+00	5.26E-07	0.00E+00	1.40E-08	8.19E-06	0.00E+00	0.00E+00	8.19E-06
5962	ALL	651042.8	4189514	NonCancer	0.00E+00	2.12E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.22E-06	0.00E+00	5.28E-07	0.00E+00	1.41E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
5963	ALL	651033.4	4189491	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.24E-06	0.00E+00	5.31E-07	0.00E+00	1.41E-08	8.26E-06	0.00E+00	0.00E+00	8.26E-06
5964	ALL	651023.9	4189468	NonCancer	0.00E+00	2.14E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.25E-06	0.00E+00	5.33E-07	0.00E+00	1.42E-08	8.30E-06	0.00E+00	0.00E+00	8.30E-06
5965	ALL	651014.5	4189446	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.42E-08	1.42E-08	1.42E-08	3.26E-06	0.00E+00	5.35E-07	0.00E+00	1.42E-08	8.33E-06	0.00E+00	0.00E+00	8.33E-06
5966	ALL	651005	4189423	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.27E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.35E-06	0.00E+00	0.00E+00	8.35E-06
5967	ALL	650995.6	4189400	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.28E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.38E-06	0.00E+00	0.00E+00	8.38E-06
5968	ALL	650986.1	4189377	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.29E-06	0.00E+00	5.39E-07	0.00E+00	1.43E-08	8.40E-06	0.00E+00	0.00E+00	8.40E-06
5969	ALL	650976.6	4189355	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.30E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.41E-06	0.00E+00	0.00E+00	8.41E-06
5970	ALL	650967.2	4189332	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.31E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
5971	ALL	650957.7	4189309	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.31E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
5972	ALL	650948.3	4189287	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.32E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06
5973	ALL	650938.8	4189264	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.32E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
5974	ALL	650929.4	4189241	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.33E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.45E-06	0.00E+00	0.00E+00	8.45E-06
5975	ALL	650919.9	4189218	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.34E-06	0.00E+00	5.42E-07	0.00E+00	1.44E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
5976	ALL	650910.5	4189196	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.35E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.48E-06	0.00E+00	0.00E+00	8.48E-06
5977	ALL	650901	4189173	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.36E-06	0.00E+00	5.45E-07	0.00E+00	1.45E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
5978	ALL	650891.5	4189150	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.37E-06	0.00E+00	5.47E-07	0.00E+00	1.45E-08	8.54E-06	0.00E+00	0.00E+00	8.54E-06
5979	ALL	650882.1	4189128	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.38E-06	0.00E+00	5.49E-07	0.00E+00	1.46E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
5980	ALL	650872.6	4189105	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.40E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5981	ALL	650863.2	4189082	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.40E-06	0.00E+00	5.55E-07	0.00E+00	1.48E-08	8.65E-06	0.00E+00	0.00E+00	8.65E-06
5982	ALL	650853.7	4189059	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.42E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.71E-06	0.00E+00	0.00E+00	8.71E-06
5983	ALL	650844.3	4189037	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.43E-06	0.00E+00	5.63E-07	0.00E+00	1.50E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
5984	ALL	650834.8	4189014	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.45E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.83E-06	0.00E+00	0.00E+00	8.83E-06
5985	ALL	650825.4	4188991	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.46E-06	0.00E+00	5.72E-07	0.00E+00	1.52E-08	8.88E-06	0.00E+00	0.00E+00	8.88E-06
5986	ALL	650815.9	4188969	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.47E-06	0.00E+00	5.75E-07	0.00E+00	1.53E-08	8.92E-06	0.00E+00	0.00E+00	8.92E-06
5987	ALL	650806.4	4188946	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.48E-06	0.00E+00	5.78E-07	0.00E+00	1.54E-08	8.96E-06	0.00E+00	0.00E+00	8.96E-06
5988	ALL	650797	4188923	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.48E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	8.97E-06	0.00E+00	0.00E+00	8.97E-06
5989	ALL	650787.5	4188900	NonCancer	0.00E+00	2.32E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.47E-06	0.00E+00	5.79E-07	0.00E+00	1.54E-08	8.96E-06	0.00E+00	0.00E+00	8.96E-06
5990	ALL	650778.1	4188878	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.54E-08	1.54E-08	1.54E-08	3.46E-06	0.00E+00	5.77E-07	0.00E+00	1.54E-08	8.93E-06	0.00E+00	0.00E+00	8.93E-06
5991	ALL	650768.6	4188855	NonCancer	0.00E+00	2.30E-07	0.00E+00	1.53E-08	1.53E-08	1.53E-08	3.45E-06	0.00E+00	5.73E-07	0.00E+00	1.53E-08	8.89E-06	0.00E+00	0.00E+00	8.89E-06
5992	ALL	650759.2	4188832	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.44E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
5993	ALL	650749.7	4188810	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.43E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
5994	ALL	650740.2	4188787	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.41E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.70E-06	0.00E+00	0.00E+00	8.70E-06
5995	ALL	650730.8	4188764	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.39E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.62E-06	0.00E+00	0.00E+00	8.62E-06
5996	ALL	650721.3	4188741	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.38E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.56E-06	0.00E+00	0.00E+00	8.56E-06
5997	ALL	650711.9	4188719	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.37E-06	0.00E+00	5.43E-07	0.00E+00	1.44E-08	8.50E-06	0.00E+00	0.00E+00	8.50E-06
5998	ALL	650702.4	4188696	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.36E-06	0.00E+00	5.40E-07	0.00E+00	1.44E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
5999	ALL	650693	4188673	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.38E-07	0.00E+00	1.43E-08	8.43E-06	0.00E+00	0.00E+00	8.43E-06

6000	ALL	650683.5	4188651	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
6001	ALL	650674.1	4188628	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.37E-07	0.00E+00	1.43E-08	8.42E-06	0.00E+00	0.00E+00	8.42E-06
6002	ALL	650664.6	4188605	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.35E-06	0.00E+00	5.39E-07	0.00E+00	1.43E-08	8.44E-06	0.00E+00	0.00E+00	8.44E-06
6003	ALL	650655.1	4188582	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.36E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.47E-06	0.00E+00	0.00E+00	8.47E-06
6004	ALL	650645.7	4188560	NonCancer	0.00E+00	2.18E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.37E-06	0.00E+00	5.44E-07	0.00E+00	1.45E-08	8.51E-06	0.00E+00	0.00E+00	8.51E-06
6005	ALL	650636.2	4188537	NonCancer	0.00E+00	2.20E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.38E-06	0.00E+00	5.48E-07	0.00E+00	1.46E-08	8.56E-06	0.00E+00	0.00E+00	8.56E-06
6006	ALL	650626.8	4188514	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.39E-06	0.00E+00	5.52E-07	0.00E+00	1.47E-08	8.61E-06	0.00E+00	0.00E+00	8.61E-06
6007	ALL	650617.3	4188492	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.40E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.67E-06	0.00E+00	0.00E+00	8.67E-06
6008	ALL	650607.9	4188469	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.41E-06	0.00E+00	5.60E-07	0.00E+00	1.49E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
6009	ALL	650598.4	4188446	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.43E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.77E-06	0.00E+00	0.00E+00	8.77E-06
6010	ALL	650589	4188423	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.44E-06	0.00E+00	5.67E-07	0.00E+00	1.51E-08	8.81E-06	0.00E+00	0.00E+00	8.81E-06
6011	ALL	650579.5	4188401	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.44E-06	0.00E+00	5.69E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
6012	ALL	650570	4188378	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.45E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6013	ALL	650560.6	4188355	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.45E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6014	ALL	650551.1	4188333	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.45E-06	0.00E+00	5.71E-07	0.00E+00	1.52E-08	8.86E-06	0.00E+00	0.00E+00	8.86E-06
6015	ALL	650541.7	4188310	NonCancer	0.00E+00	2.29E-07	0.00E+00	1.52E-08	1.52E-08	1.52E-08	3.44E-06	0.00E+00	5.70E-07	0.00E+00	1.52E-08	8.84E-06	0.00E+00	0.00E+00	8.84E-06
6016	ALL	650532.2	4188287	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.43E-06	0.00E+00	5.68E-07	0.00E+00	1.51E-08	8.82E-06	0.00E+00	0.00E+00	8.82E-06
6017	ALL	650522.8	4188264	NonCancer	0.00E+00	2.27E-07	0.00E+00	1.51E-08	1.51E-08	1.51E-08	3.42E-06	0.00E+00	5.66E-07	0.00E+00	1.51E-08	8.79E-06	0.00E+00	0.00E+00	8.79E-06
6018	ALL	650513.3	4188242	NonCancer	0.00E+00	2.26E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.41E-06	0.00E+00	5.64E-07	0.00E+00	1.50E-08	8.76E-06	0.00E+00	0.00E+00	8.76E-06
6019	ALL	650503.9	4188219	NonCancer	0.00E+00	2.25E-07	0.00E+00	1.50E-08	1.50E-08	1.50E-08	3.39E-06	0.00E+00	5.62E-07	0.00E+00	1.50E-08	8.72E-06	0.00E+00	0.00E+00	8.72E-06
6020	ALL	650494.4	4188196	NonCancer	0.00E+00	2.24E-07	0.00E+00	1.49E-08	1.49E-08	1.49E-08	3.37E-06	0.00E+00	5.59E-07	0.00E+00	1.49E-08	8.68E-06	0.00E+00	0.00E+00	8.68E-06
6021	ALL	650484.9	4188174	NonCancer	0.00E+00	2.23E-07	0.00E+00	1.48E-08	1.48E-08	1.48E-08	3.35E-06	0.00E+00	5.56E-07	0.00E+00	1.48E-08	8.63E-06	0.00E+00	0.00E+00	8.63E-06
6022	ALL	650475.5	4188151	NonCancer	0.00E+00	2.22E-07	0.00E+00	1.47E-08	1.47E-08	1.47E-08	3.33E-06	0.00E+00	5.53E-07	0.00E+00	1.47E-08	8.58E-06	0.00E+00	0.00E+00	8.58E-06
6023	ALL	650466	4188128	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.46E-08	1.46E-08	1.46E-08	3.31E-06	0.00E+00	5.50E-07	0.00E+00	1.46E-08	8.52E-06	0.00E+00	0.00E+00	8.52E-06
6024	ALL	650456.6	4188105	NonCancer	0.00E+00	2.19E-07	0.00E+00	1.45E-08	1.45E-08	1.45E-08	3.28E-06	0.00E+00	5.46E-07	0.00E+00	1.45E-08	8.46E-06	0.00E+00	0.00E+00	8.46E-06
6025	ALL	650447.1	4188083	NonCancer	0.00E+00	2.17E-07	0.00E+00	1.44E-08	1.44E-08	1.44E-08	3.25E-06	0.00E+00	5.41E-07	0.00E+00	1.44E-08	8.39E-06	0.00E+00	0.00E+00	8.39E-06
6026	ALL	650437.7	4188060	NonCancer	0.00E+00	2.15E-07	0.00E+00	1.43E-08	1.43E-08	1.43E-08	3.23E-06	0.00E+00	5.36E-07	0.00E+00	1.43E-08	8.31E-06	0.00E+00	0.00E+00	8.31E-06
6027	ALL	650428.2	4188037	NonCancer	0.00E+00	2.13E-07	0.00E+00	1.41E-08	1.41E-08	1.41E-08	3.20E-06	0.00E+00	5.31E-07	0.00E+00	1.41E-08	8.23E-06	0.00E+00	0.00E+00	8.23E-06
6028	ALL	650418.7	4188015	NonCancer	0.00E+00	2.10E-07	0.00E+00	1.40E-08	1.40E-08	1.40E-08	3.17E-06	0.00E+00	5.24E-07	0.00E+00	1.40E-08	8.14E-06	0.00E+00	0.00E+00	8.14E-06
6029	ALL	650409.3	4187992	NonCancer	0.00E+00	2.08E-07	0.00E+00	1.38E-08	1.38E-08	1.38E-08	3.14E-06	0.00E+00	5.18E-07	0.00E+00	1.38E-08	8.05E-06	0.00E+00	0.00E+00	8.05E-06
6030	ALL	650399.8	4187969	NonCancer	0.00E+00	2.05E-07	0.00E+00	1.36E-08	1.36E-08	1.36E-08	3.10E-06	0.00E+00	5.12E-07	0.00E+00	1.36E-08	7.95E-06	0.00E+00	0.00E+00	7.95E-06
6031	ALL	650390.4	4187946	NonCancer	0.00E+00	2.02E-07	0.00E+00	1.34E-08	1.34E-08	1.34E-08	3.07E-06	0.00E+00	5.05E-07	0.00E+00	1.34E-08	7.85E-06	0.00E+00	0.00E+00	7.85E-06
6032	ALL	650380.9	4187924	NonCancer	0.00E+00	2.00E-07	0.00E+00	1.33E-08	1.33E-08	1.33E-08	3.04E-06	0.00E+00	4.98E-07	0.00E+00	1.33E-08	7.76E-06	0.00E+00	0.00E+00	7.76E-06
6033	ALL	650371.5	4187901	NonCancer	0.00E+00	1.97E-07	0.00E+00	1.31E-08	1.31E-08	1.31E-08	3.01E-06	0.00E+00	4.92E-07	0.00E+00	1.31E-08	7.66E-06	0.00E+00	0.00E+00	7.66E-06
6034	ALL	650362	4187878	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.29E-08	1.29E-08	1.29E-08	2.98E-06	0.00E+00	4.86E-07	0.00E+00	1.29E-08	7.58E-06	0.00E+00	0.00E+00	7.58E-06
6035	ALL	650352.6	4187856	NonCancer	0.00E+00	1.93E-07	0.00E+00	1.28E-08	1.28E-08	1.28E-08	2.95E-06	0.00E+00	4.80E-07	0.00E+00	1.28E-08	7.49E-06	0.00E+00	0.00E+00	7.49E-06
6036	ALL	651094	4190815	NonCancer	0.00E+00	1.49E-07	0.00E+00	9.86E-09	9.86E-09	9.86E-09	2.21E-06	0.00E+00	3.70E-07	0.00E+00	9.86E-09	5.73E-06	0.00E+00	0.00E+00	5.73E-06
6037	ALL	651084.6	4190792	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.93E-09	9.93E-09	9.93E-09	2.23E-06	0.00E+00	3.73E-07	0.00E+00	9.93E-09	5.76E-06	0.00E+00	0.00E+00	5.76E-06
6038	ALL	651075.1	4190770	NonCancer	0.00E+00	1.50E-07	0.00E+00	9.98E-09	9.98E-09	9.98E-09	2.24E-06	0.00E+00	3.75E-07	0.00E+00	9.98E-09	5.80E-06	0.00E+00	0.00E+00	5.80E-06
6039	ALL	651065.7	4190747	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.00E-08	1.00E-08	1.00E-08	2.25E-06	0.00E+00	3.77E-07	0.00E+00	1.00E-08	5.83E-06	0.00E+00	0.00E+00	5.83E-06
6040	ALL	651056.3	4190724	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.27E-06	0.00E+00	3.78E-07	0.00E+00	1.01E-08	5.86E-06	0.00E+00	0.00E+00	5.86E-06
6041	ALL	651046.8	4190702	NonCancer	0.00E+00	1.52E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.28E-06	0.00E+00	3.79E-07	0.00E+00	1.01E-08	5.88E-06	0.00E+00	0.00E+00	5.88E-06
6042	ALL	651037.4	4190679	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.01E-08	1.01E-08	1.01E-08	2.29E-06	0.00E+00	3.81E-07	0.00E+00	1.01E-08	5.90E-06	0.00E+00	0.00E+00	5.90E-06
6043	ALL	651028	4190656	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.30E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.92E-06	0.00E+00	0.00E+00	5.92E-06
6044	ALL	651018.5	4190634	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.31E-06	0.00E+00	3.83E-07	0.00E+00	1.02E-08	5.94E-06	0.00E+00	0.00E+00	5.94E-06
6045	ALL	651009.1	4190611	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.31E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.95E-06	0.00E+00	0.00E+00	5.95E-06
6046	ALL	650999.6	4190588	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.32E-06	0.00E+00	3.84E-07	0.00E+00	1.02E-08	5.97E-06	0.00E+00	0.00E+00	5.97E-06
6047	ALL	650990.2	4190566	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.85E-07	0.00E+00	1.03E-08	5.98E-06	0.00E+00	0.00E+00	5.98E-06
6048	ALL	650980.8	4190543	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.33E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	5.99E-06	0.00E+00	0.00E+00	5.99E-06
6049	ALL	650971.3	4190520	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.34E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.01E-06	0.00E+00	0.00E+00	6.01E-06

6050	ALL	650961.9	4190497	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.34E-06	0.00E+00	3.87E-07	0.00E+00	1.03E-08	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6051	ALL	650952.5	4190475	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.35E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6052	ALL	650943	4190452	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.35E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.03E-06	0.00E+00	0.00E+00	6.03E-06
6053	ALL	650933.6	4190429	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.03E-06	0.00E+00	0.00E+00	6.03E-06
6054	ALL	650924.1	4190407	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6055	ALL	650914.7	4190384	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6056	ALL	650905.3	4190361	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6057	ALL	650895.8	4190339	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.37E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6058	ALL	650886.4	4190316	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.37E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6059	ALL	650877	4190293	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.37E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.04E-06	0.00E+00	0.00E+00	6.04E-06
6060	ALL	650867.5	4190271	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.38E-06	0.00E+00	3.88E-07	0.00E+00	1.03E-08	6.05E-06	0.00E+00	0.00E+00	6.05E-06
6061	ALL	650858.1	4190248	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.38E-06	0.00E+00	3.89E-07	0.00E+00	1.03E-08	6.06E-06	0.00E+00	0.00E+00	6.06E-06
6062	ALL	650848.6	4190225	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.89E-07	0.00E+00	1.04E-08	6.07E-06	0.00E+00	0.00E+00	6.07E-06
6063	ALL	650839.2	4190203	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.09E-06	0.00E+00	0.00E+00	6.09E-06
6064	ALL	650829.8	4190180	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.40E-06	0.00E+00	3.92E-07	0.00E+00	1.04E-08	6.11E-06	0.00E+00	0.00E+00	6.11E-06
6065	ALL	650820.3	4190157	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.93E-07	0.00E+00	1.05E-08	6.13E-06	0.00E+00	0.00E+00	6.13E-06
6066	ALL	650810.9	4190135	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.95E-07	0.00E+00	1.05E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
6067	ALL	650801.5	4190112	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.42E-06	0.00E+00	3.97E-07	0.00E+00	1.06E-08	6.18E-06	0.00E+00	0.00E+00	6.18E-06
6068	ALL	650792	4190089	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.43E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.21E-06	0.00E+00	0.00E+00	6.21E-06
6069	ALL	650782.6	4190067	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.44E-06	0.00E+00	4.01E-07	0.00E+00	1.07E-08	6.24E-06	0.00E+00	0.00E+00	6.24E-06
6070	ALL	650773.1	4190044	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.07E-08	1.07E-08	1.07E-08	2.45E-06	0.00E+00	4.03E-07	0.00E+00	1.07E-08	6.27E-06	0.00E+00	0.00E+00	6.27E-06
6071	ALL	650763.7	4190021	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.45E-06	0.00E+00	4.05E-07	0.00E+00	1.08E-08	6.30E-06	0.00E+00	0.00E+00	6.30E-06
6072	ALL	650754.3	4189999	NonCancer	0.00E+00	1.63E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.46E-06	0.00E+00	4.07E-07	0.00E+00	1.08E-08	6.32E-06	0.00E+00	0.00E+00	6.32E-06
6073	ALL	650744.8	4189976	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.47E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.35E-06	0.00E+00	0.00E+00	6.35E-06
6074	ALL	650735.4	4189953	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.10E-07	0.00E+00	1.09E-08	6.37E-06	0.00E+00	0.00E+00	6.37E-06
6075	ALL	650726	4189931	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.49E-06	0.00E+00	4.11E-07	0.00E+00	1.09E-08	6.39E-06	0.00E+00	0.00E+00	6.39E-06
6076	ALL	650716.5	4189908	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.12E-07	0.00E+00	1.10E-08	6.41E-06	0.00E+00	0.00E+00	6.41E-06
6077	ALL	650707.1	4189885	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.51E-06	0.00E+00	4.13E-07	0.00E+00	1.10E-08	6.42E-06	0.00E+00	0.00E+00	6.42E-06
6078	ALL	650697.7	4189863	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.52E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.44E-06	0.00E+00	0.00E+00	6.44E-06
6079	ALL	650688.2	4189840	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.53E-06	0.00E+00	4.15E-07	0.00E+00	1.11E-08	6.46E-06	0.00E+00	0.00E+00	6.46E-06
6080	ALL	650678.8	4189817	NonCancer	0.00E+00	1.67E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.54E-06	0.00E+00	4.17E-07	0.00E+00	1.11E-08	6.48E-06	0.00E+00	0.00E+00	6.48E-06
6081	ALL	650669.3	4189795	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.11E-08	1.11E-08	1.11E-08	2.55E-06	0.00E+00	4.18E-07	0.00E+00	1.11E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
6082	ALL	650659.9	4189772	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.55E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.52E-06	0.00E+00	0.00E+00	6.52E-06
6083	ALL	650650.5	4189749	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.56E-06	0.00E+00	4.21E-07	0.00E+00	1.12E-08	6.55E-06	0.00E+00	0.00E+00	6.55E-06
6084	ALL	650641	4189727	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.57E-06	0.00E+00	4.22E-07	0.00E+00	1.12E-08	6.57E-06	0.00E+00	0.00E+00	6.57E-06
6085	ALL	650631.6	4189704	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.58E-06	0.00E+00	4.24E-07	0.00E+00	1.13E-08	6.59E-06	0.00E+00	0.00E+00	6.59E-06
6086	ALL	650622.2	4189681	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.25E-07	0.00E+00	1.13E-08	6.61E-06	0.00E+00	0.00E+00	6.61E-06
6087	ALL	650612.7	4189659	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.59E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.63E-06	0.00E+00	0.00E+00	6.63E-06
6088	ALL	650603.3	4189636	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.60E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.66E-06	0.00E+00	0.00E+00	6.66E-06
6089	ALL	650593.8	4189613	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.61E-06	0.00E+00	4.29E-07	0.00E+00	1.14E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6090	ALL	650584.4	4189591	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6091	ALL	650575	4189568	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.62E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
6092	ALL	650565.5	4189545	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6093	ALL	650556.1	4189523	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6094	ALL	650546.7	4189500	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.63E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6095	ALL	650537.2	4189477	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.64E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
6096	ALL	650527.8	4189455	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.64E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.71E-06	0.00E+00	0.00E+00	6.71E-06
6097	ALL	650518.3	4189432	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.65E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.72E-06	0.00E+00	0.00E+00	6.72E-06
6098	ALL	650508.9	4189409	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.65E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6099	ALL	650499.5	4189387	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.66E-06	0.00E+00	4.32E-07	0.00E+00	1.15E-08	6.74E-06	0.00E+00	0.00E+00	6.74E-06

6100	ALL	650490	4189364	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.66E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.76E-06	0.00E+00	0.00E+00	6.76E-06
6101	ALL	650480.6	4189341	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.67E-06	0.00E+00	4.34E-07	0.00E+00	1.15E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6102	ALL	650471.2	4189319	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.68E-06	0.00E+00	4.35E-07	0.00E+00	1.16E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
6103	ALL	650461.7	4189296	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.69E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
6104	ALL	650452.3	4189273	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
6105	ALL	650442.8	4189251	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.71E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.88E-06	0.00E+00	0.00E+00	6.88E-06
6106	ALL	650433.4	4189228	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.72E-06	0.00E+00	4.44E-07	0.00E+00	1.18E-08	6.92E-06	0.00E+00	0.00E+00	6.92E-06
6107	ALL	650424	4189205	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.73E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
6108	ALL	650414.5	4189183	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.74E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	7.00E-06	0.00E+00	0.00E+00	7.00E-06
6109	ALL	650405.1	4189160	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
6110	ALL	650395.7	4189137	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.56E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
6111	ALL	650386.2	4189115	NonCancer	0.00E+00	1.84E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.59E-07	0.00E+00	1.22E-08	7.12E-06	0.00E+00	0.00E+00	7.12E-06
6112	ALL	650376.8	4189092	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.61E-07	0.00E+00	1.23E-08	7.14E-06	0.00E+00	0.00E+00	7.14E-06
6113	ALL	650367.3	4189069	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
6114	ALL	650357.9	4189047	NonCancer	0.00E+00	1.86E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.77E-06	0.00E+00	4.63E-07	0.00E+00	1.23E-08	7.16E-06	0.00E+00	0.00E+00	7.16E-06
6115	ALL	650348.5	4189024	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.23E-08	1.23E-08	1.23E-08	2.76E-06	0.00E+00	4.62E-07	0.00E+00	1.23E-08	7.15E-06	0.00E+00	0.00E+00	7.15E-06
6116	ALL	650339	4189001	NonCancer	0.00E+00	1.85E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.76E-06	0.00E+00	4.60E-07	0.00E+00	1.22E-08	7.12E-06	0.00E+00	0.00E+00	7.12E-06
6117	ALL	650329.6	4188979	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.22E-08	1.22E-08	1.22E-08	2.75E-06	0.00E+00	4.57E-07	0.00E+00	1.22E-08	7.08E-06	0.00E+00	0.00E+00	7.08E-06
6118	ALL	650320.2	4188956	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6119	ALL	650310.7	4188933	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.49E-07	0.00E+00	1.20E-08	6.98E-06	0.00E+00	0.00E+00	6.98E-06
6120	ALL	650301.3	4188911	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.71E-06	0.00E+00	4.45E-07	0.00E+00	1.18E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06
6121	ALL	650291.8	4188888	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.70E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.87E-06	0.00E+00	0.00E+00	6.87E-06
6122	ALL	650282.4	4188865	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.69E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.82E-06	0.00E+00	0.00E+00	6.82E-06
6123	ALL	650273	4188843	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.67E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6124	ALL	650263.5	4188820	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.30E-07	0.00E+00	1.14E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6125	ALL	650254.1	4188797	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6126	ALL	650244.7	4188775	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6127	ALL	650235.2	4188752	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6128	ALL	650225.8	4188729	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.26E-07	0.00E+00	1.13E-08	6.67E-06	0.00E+00	0.00E+00	6.67E-06
6129	ALL	650216.3	4188707	NonCancer	0.00E+00	1.71E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.65E-06	0.00E+00	4.27E-07	0.00E+00	1.13E-08	6.69E-06	0.00E+00	0.00E+00	6.69E-06
6130	ALL	650206.9	4188684	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.28E-07	0.00E+00	1.14E-08	6.70E-06	0.00E+00	0.00E+00	6.70E-06
6131	ALL	650197.5	4188661	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.66E-06	0.00E+00	4.31E-07	0.00E+00	1.14E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6132	ALL	650188	4188639	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.67E-06	0.00E+00	4.33E-07	0.00E+00	1.15E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6133	ALL	650178.6	4188616	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.68E-06	0.00E+00	4.36E-07	0.00E+00	1.16E-08	6.81E-06	0.00E+00	0.00E+00	6.81E-06
6134	ALL	650169.2	4188593	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.69E-06	0.00E+00	4.40E-07	0.00E+00	1.17E-08	6.85E-06	0.00E+00	0.00E+00	6.85E-06
6135	ALL	650159.7	4188571	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.70E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.90E-06	0.00E+00	0.00E+00	6.90E-06
6136	ALL	650150.3	4188548	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.72E-06	0.00E+00	4.46E-07	0.00E+00	1.19E-08	6.94E-06	0.00E+00	0.00E+00	6.94E-06
6137	ALL	650140.9	4188525	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.49E-07	0.00E+00	1.20E-08	6.98E-06	0.00E+00	0.00E+00	6.98E-06
6138	ALL	650131.4	4188503	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
6139	ALL	650122	4188480	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6140	ALL	650112.5	4188457	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6141	ALL	650103.1	4188435	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6142	ALL	650093.7	4188412	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.75E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6143	ALL	650084.2	4188389	NonCancer	0.00E+00	1.83E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.55E-07	0.00E+00	1.21E-08	7.06E-06	0.00E+00	0.00E+00	7.06E-06
6144	ALL	650074.8	4188367	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.54E-07	0.00E+00	1.21E-08	7.05E-06	0.00E+00	0.00E+00	7.05E-06
6145	ALL	650065.4	4188344	NonCancer	0.00E+00	1.82E-07	0.00E+00	1.21E-08	1.21E-08	1.21E-08	2.74E-06	0.00E+00	4.53E-07	0.00E+00	1.21E-08	7.04E-06	0.00E+00	0.00E+00	7.04E-06
6146	ALL	650055.9	4188321	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.73E-06	0.00E+00	4.52E-07	0.00E+00	1.20E-08	7.01E-06	0.00E+00	0.00E+00	7.01E-06
6147	ALL	650046.5	4188299	NonCancer	0.00E+00	1.81E-07	0.00E+00	1.20E-08	1.20E-08	1.20E-08	2.72E-06	0.00E+00	4.50E-07	0.00E+00	1.20E-08	6.99E-06	0.00E+00	0.00E+00	6.99E-06
6148	ALL	650037	4188276	NonCancer	0.00E+00	1.80E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.71E-06	0.00E+00	4.49E-07	0.00E+00	1.19E-08	6.96E-06	0.00E+00	0.00E+00	6.96E-06
6149	ALL	650027.6	4188253	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.70E-06	0.00E+00	4.47E-07	0.00E+00	1.19E-08	6.93E-06	0.00E+00	0.00E+00	6.93E-06

6150	ALL	650018.2	4188230	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.19E-08	1.19E-08	1.19E-08	2.68E-06	0.00E+00	4.45E-07	0.00E+00	1.19E-08	6.91E-06	0.00E+00	0.00E+00	6.91E-06
6151	ALL	650008.7	4188208	NonCancer	0.00E+00	1.78E-07	0.00E+00	1.18E-08	1.18E-08	1.18E-08	2.67E-06	0.00E+00	4.43E-07	0.00E+00	1.18E-08	6.87E-06	0.00E+00	0.00E+00	6.87E-06
6152	ALL	649999.3	4188185	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.65E-06	0.00E+00	4.41E-07	0.00E+00	1.17E-08	6.84E-06	0.00E+00	0.00E+00	6.84E-06
6153	ALL	649989.9	4188162	NonCancer	0.00E+00	1.76E-07	0.00E+00	1.17E-08	1.17E-08	1.17E-08	2.64E-06	0.00E+00	4.39E-07	0.00E+00	1.17E-08	6.80E-06	0.00E+00	0.00E+00	6.80E-06
6154	ALL	649980.4	4188140	NonCancer	0.00E+00	1.75E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.62E-06	0.00E+00	4.37E-07	0.00E+00	1.16E-08	6.77E-06	0.00E+00	0.00E+00	6.77E-06
6155	ALL	649971	4188117	NonCancer	0.00E+00	1.74E-07	0.00E+00	1.16E-08	1.16E-08	1.16E-08	2.61E-06	0.00E+00	4.34E-07	0.00E+00	1.16E-08	6.73E-06	0.00E+00	0.00E+00	6.73E-06
6156	ALL	649961.5	4188094	NonCancer	0.00E+00	1.73E-07	0.00E+00	1.15E-08	1.15E-08	1.15E-08	2.59E-06	0.00E+00	4.31E-07	0.00E+00	1.15E-08	6.68E-06	0.00E+00	0.00E+00	6.68E-06
6157	ALL	649952.1	4188072	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.14E-08	1.14E-08	1.14E-08	2.57E-06	0.00E+00	4.27E-07	0.00E+00	1.14E-08	6.62E-06	0.00E+00	0.00E+00	6.62E-06
6158	ALL	649942.7	4188049	NonCancer	0.00E+00	1.70E-07	0.00E+00	1.13E-08	1.13E-08	1.13E-08	2.55E-06	0.00E+00	4.23E-07	0.00E+00	1.13E-08	6.56E-06	0.00E+00	0.00E+00	6.56E-06
6159	ALL	649933.2	4188026	NonCancer	0.00E+00	1.68E-07	0.00E+00	1.12E-08	1.12E-08	1.12E-08	2.52E-06	0.00E+00	4.19E-07	0.00E+00	1.12E-08	6.50E-06	0.00E+00	0.00E+00	6.50E-06
6160	ALL	649923.8	4188004	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.10E-08	1.10E-08	1.10E-08	2.50E-06	0.00E+00	4.14E-07	0.00E+00	1.10E-08	6.43E-06	0.00E+00	0.00E+00	6.43E-06
6161	ALL	649914.4	4187981	NonCancer	0.00E+00	1.64E-07	0.00E+00	1.09E-08	1.09E-08	1.09E-08	2.48E-06	0.00E+00	4.09E-07	0.00E+00	1.09E-08	6.36E-06	0.00E+00	0.00E+00	6.36E-06
6162	ALL	649904.9	4187958	NonCancer	0.00E+00	1.62E-07	0.00E+00	1.08E-08	1.08E-08	1.08E-08	2.45E-06	0.00E+00	4.04E-07	0.00E+00	1.08E-08	6.29E-06	0.00E+00	0.00E+00	6.29E-06
6163	ALL	649895.5	4187936	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.06E-08	1.06E-08	1.06E-08	2.43E-06	0.00E+00	3.99E-07	0.00E+00	1.06E-08	6.22E-06	0.00E+00	0.00E+00	6.22E-06
6164	ALL	649886	4187913	NonCancer	0.00E+00	1.58E-07	0.00E+00	1.05E-08	1.05E-08	1.05E-08	2.41E-06	0.00E+00	3.95E-07	0.00E+00	1.05E-08	6.15E-06	0.00E+00	0.00E+00	6.15E-06
6165	ALL	649876.6	4187890	NonCancer	0.00E+00	1.57E-07	0.00E+00	1.04E-08	1.04E-08	1.04E-08	2.39E-06	0.00E+00	3.90E-07	0.00E+00	1.04E-08	6.08E-06	0.00E+00	0.00E+00	6.08E-06
6166	ALL	649867.2	4187868	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.03E-08	1.03E-08	1.03E-08	2.36E-06	0.00E+00	3.86E-07	0.00E+00	1.03E-08	6.02E-06	0.00E+00	0.00E+00	6.02E-06
6167	ALL	649857.7	4187845	NonCancer	0.00E+00	1.53E-07	0.00E+00	1.02E-08	1.02E-08	1.02E-08	2.34E-06	0.00E+00	3.82E-07	0.00E+00	1.02E-08	5.96E-06	0.00E+00	0.00E+00	5.96E-06
6168	ALL	651107.8	4190835	NonCancer	0.00E+00	1.48E-07	0.00E+00	9.81E-09	9.81E-09	9.81E-09	2.20E-06	0.00E+00	3.68E-07	0.00E+00	9.81E-09	5.69E-06	0.00E+00	0.00E+00	5.69E-06
6169	ALL	653689.9	4187979	NonCancer	0.00E+00	2.86E-04	0.00E+00	1.90E-05	1.90E-05	1.90E-05	2.90E-03	0.00E+00	7.01E-04	0.00E+00	1.90E-05	9.91E-03	0.00E+00	0.00E+00	9.91E-03
6170	ALL	653699	4187987	NonCancer	0.00E+00	3.18E-04	0.00E+00	2.11E-05	2.11E-05	2.11E-05	1.20E-03	0.00E+00	7.67E-04	0.00E+00	2.11E-05	9.57E-03	0.00E+00	0.00E+00	9.57E-03
6171	ALL	653712.3	4187989	NonCancer	0.00E+00	4.00E-04	0.00E+00	2.66E-05	2.66E-05	2.66E-05	2.42E-03	0.00E+00	9.71E-04	0.00E+00	2.66E-05	1.28E-02	0.00E+00	0.00E+00	1.28E-02
6172	ALL	653810.5	4187989	NonCancer	0.00E+00	1.16E-04	0.00E+00	7.68E-06	7.68E-06	7.68E-06	1.32E-03	0.00E+00	2.85E-04	0.00E+00	7.68E-06	4.15E-03	0.00E+00	0.00E+00	4.15E-03
6173	ALL	653818.4	4187878	NonCancer	0.00E+00	7.59E-05	0.00E+00	5.04E-06	5.04E-06	5.04E-06	8.10E-04	0.00E+00	1.87E-04	0.00E+00	5.04E-06	2.69E-03	0.00E+00	0.00E+00	2.69E-03
6174	ALL	653694.5	4187874	NonCancer	0.00E+00	5.78E-05	0.00E+00	3.84E-06	3.84E-06	3.84E-06	7.55E-04	0.00E+00	1.43E-04	0.00E+00	3.84E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03

Appendix C

Cultural Resources Inventory Report

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April 27, 2023 14761

Mr. Paul Kamboj
Two Guys Food and Fuel
147 Lathrop Rd.
Manteca, California 95330

Subject: Cultural Resources Inventory Report for the Airport Plaza Manteca Gas Station – Negative Findings

Dear Mr. Kamboj:

This letter documents the negative findings of cultural resources Inventory efforts conducted by Dudek for the Manteca Gas Station HRA (Project), located in San Joaquin County, California. The City of Manteca (City) is the lead agency responsible for compliance with the California Environmental Quality Act (CEQA). All cultural resource fieldwork and reporting for this Project has been conducted by archaeologists meeting the Secretary of the Interior's Professional Qualifications Standards. Results from a Native American Heritage Commission (NAHC) Sacred Lands File (SLF) search request were negative. A Central California Information Center (CCaIC) records search indicated that no cultural resources have been recorded within the Project site. Intensive pedestrian survey conducted within the Project site did not identify any new cultural resources.

1 Project Location and Description

The Project site encompasses approximately 3-acres undeveloped area of land located in the western portion of the City of Manteca (City), in the southeast quadrant of the Airport Way and Lathrop Road intersection, at Airport Plaza 2060 West Lathrop Road Manteca, California 95336 (Figure 1, Project Location and Figure 2, Project Site). The Project site is located in Township 1 South, Range 6 East, Sections 19, 25, and 30, within the Lathrop, CA U.S. Geological Survey 7.5-minute quadrangles.

The Project site plan includes the following commercial uses:

- Gas station with 16 fueling positions
- A 1,300-square-foot car wash
- A 3,410-square-foot convenience store
- A 2,500-square-foot drive-through fast-food restaurant
- Two high-turnover full-service restaurants, 2,092 square feet and 1,908 square feet, respectively
- A 5,7340square-foot retail building

A total of 111 parking spaces would be provided. Primary access to the Project site would be provided by three driveways: one with full access on Airport Way, one with right-in/right-out only access on Lathrop Road, and one with full access on Lathrop Road.

2 Regulatory Context

While the Project as currently planned is subject only to state and local regulatory conditions, federal regulations are also provided here for reference should they be relevant in the future.

2.1 Federal Regulations

National Historic Preservation Act (NHPA)

The NHPA established the National Register of Historic Places (NRHP) and the President's Advisory Council on Historic Preservation (ACHP), and provided that states may establish State Historic Preservation Officers (SHPOs) to carry out some of the functions of the NHPA. Most significantly for federal agencies responsible for managing cultural resources, Section 106 of the NHPA directs that "[t]he head of any Federal agency having direct or indirect jurisdiction over a proposed Federal or federally assisted undertaking in any State and the head of any Federal department or independent agency having authority to license any undertaking shall, prior to the approval of the expenditure of any Federal funds on the undertaking or prior to the issuance of any license, as the case may be, take into account the effect of the undertaking on any district, site, building, structure, or object that is included in or eligible for inclusion in the NRHP." Section 106 also affords the ACHP a reasonable opportunity to comment on the undertaking (16 USC 470f).

36 Code of Federal Regulations, Part 800 (36 CFR 800) implements Section 106 of the NHPA. It defines the steps necessary to identify historic properties (those cultural resources listed in or eligible for listing in the NRHP), including consultation with federally recognized Native American tribes to identify resources with important cultural values; to determine whether or not they may be adversely affected by a proposed undertaking; and the process for eliminating, reducing, or mitigating the adverse effects.

The content of 36 CFR 60.4 defines criteria for determining eligibility for listing in the NRHP. The significance of cultural resources identified during an inventory must be formally evaluated for historic significance in consultation with the California SHPO to determine if the resources are eligible for inclusion in the NRHP. Cultural resources may be considered eligible for listing if they possess integrity of location, design, setting, materials, workmanship, feeling, and association. The criteria for determining eligibility are essentially the same in content and order as those outlined under the California Environmental Quality Act (CEQA), but the criteria under NHPA are labeled A through D (rather than 1–4 under CEQA).

Regarding criteria A through D of Section 106, the quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, cultural resources, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and that:

A. are associated with events that have made a significant contribution to the broad patterns of our history; or
B. are associated with the lives of persons significant in our past; or
C. embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

D. have yielded or may be likely to yield, information important in prehistory or history [36 CFR 60.4].

The current cultural resources inventory is not designed to generate enough data to make eligibility recommendations on previously recorded cultural resources that are outside of the APE, or newly discovered cultural resources; such determinations are typically made during a subsequent evaluation phase (e.g., excavations at prehistoric sites). However, the survey was designed to generate enough information to provide informal assessments of eligibility to help guide management considerations.

2.2 State of California Regulations

California Register of Historical Resources

In California, the term "historical resource" includes "any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California" (California Public Resources Code, Section 5020.1(j)). In 1992, the California legislature established the California Register of Historical Resources (CRHR) "to be used by state and local agencies, private groups, and citizens to identify the state's historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from substantial adverse change" (California Public Resources Code, Section 5024.1(a)). The criteria for listing resources on the CRHR, enumerated in the following text, were developed to be in accordance with previously established criteria developed for listing in the NRHP. According to California Public Resources Code, Section 5024.1(c)(1–4), a resource is considered historically significant if it (i) retains "substantial integrity," and (ii) meets at least one of the following criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage
2. Is associated with the lives of persons important in our past
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values
4. Has yielded, or may be likely to yield, information important in prehistory or history

To understand the historic importance of a resource, sufficient time must have passed to obtain a scholarly perspective on the events or individuals associated with the resource. A resource less than 50 years old may be considered for listing in the CRHR if it can be demonstrated that sufficient time has passed to understand its historical importance (14 CCR 4852(d)(2)).

The CRHR protects cultural resources by requiring evaluations of the significance of prehistoric and historic resources. The criteria for the CRHR are nearly identical to those for the NRHP, and properties listed or formally designated as eligible for listing in the NRHP are automatically listed in the CRHR, as are state landmarks and points of interest. The CRHR also includes properties designated under local ordinances or identified through local historical resource surveys.

California Environmental Quality Act

As described in the following text, the following CEQA statutes and CEQA Guidelines are of relevance to the analysis of archaeological, historic, and tribal cultural resources:

- California Public Resources Code, Section 21083.2(g), defines "unique archaeological resource."
- California Public Resources Code, Section 21084.1, and CEQA Guidelines, Section 15064.5(a), define "historical resources." In addition, CEQA Guidelines, Section 15064.5(b), defines the phrase "substantial adverse change in the significance of an historical resource." It also defines the circumstances when a project would materially impair the significance of a historical resource.
- California Public Resources Code, Section 21074(a), defines "tribal cultural resources."
- California Public Resources Code, Section 5097.98, and CEQA Guidelines, Section 15064.5(e), set forth standards and steps to be employed following the accidental discovery of human remains in any location other than a dedicated ceremony. The NAHC is to resolve disputes regarding the disposition of such remains. In addition, the Native American Historic Resource Protection Act makes it a misdemeanor, punishable by up to 1 year in jail, to deface or destroy a Native American historic or cultural site that is listed or may be eligible for listing in the CRHR.

Under CEQA, a project may have a significant effect on the environment if it exceeds the thresholds of significance stated in the Appendix G Guidelines:

a) Causes a substantial adverse change in the significance of a historical resources as defined in 14 CCR 15064.5(b)
b) Causes a substantial adverse change in the significance of an archaeological resource pursuant to 14 CCR 15064.5(b)
c) Directly or indirectly destroys a unique paleontological resource or site or unique geologic feature
d) Disturbs any human remains, including those interred outside of formal cemeteries

If a site is either listed or eligible for listing in the CRHR, included in a local register of historic resources, or identified as significant in a historical resources survey (meeting the requirements of California Public Resources Code, Section 5024.1(q)), it is a "historical resource" and is presumed to be historically or culturally significant for purposes of CEQA (California Public Resources Code, Section 21084.1; 14 CCR 15064.5(a)). The lead agency is not precluded from determining that a resource is a historical resource, even if it does not fall within this presumption (California Public Resources Code, Section 21084.1; 14 CCR 15064.5(a)).

A "substantial adverse change in the significance of an historical resource" reflecting a significant effect under CEQA means "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired" (14 CCR 15064.5(b)(1); California Public Resources Code Section 5020.1(q)). In turn, the significance of a historical resource is materially impaired when a project does any of the following:

1. Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register; or

2. Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to Section 5020.1(k) of the California Public Resources Code or its identification in an historical resources survey meeting the requirements of Section 5024.1(g) of the California Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or
3. Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register as determined by a lead agency for purposes of CEQA. (14 CCR 15064.5(b)(2))

Pursuant to these sections, the CEQA inquiry begins with evaluating whether a project site contains any "historical resources," then whether that project will cause a substantial adverse change in the significance of a historical resource such that the resource's historical significance is materially impaired.

If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that they cannot be left undisturbed, mitigation measures are required (California Public Resources Code, Section 21083.2(a), (b), and (c)).

California Public Resources Code, Section 21083.2(g), defines a unique archaeological resource as an archaeological artifact, object, or site about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person

Impacts to nonunique archaeological resources are generally not considered a significant environmental impact (California Public Resources Code, Section 21083.2(a); 14 CCR 15064.5(c)(4)). However, if a nonunique archaeological resource qualifies as tribal cultural resource (California Public Resources Code, Sections 21074(c), 21083.2(h)), further consideration of significant impacts is required.

CEQA Guidelines, Section 15064.5, assigns special importance to human remains and specifies procedures to be used when Native American remains are discovered (14 CCR 15064.5). As described in the following text, these procedures are detailed in California Public Resources Code, Section 5097.98.

California State Assembly Bill 52

Assembly Bill (AB) 52 of 2014 amended California Public Resources Code, Section 5097.94, and added California Public Resources Code, Sections 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2, and 21084.3. AB 52 established that tribal cultural resources must be considered under CEQA and also provided for additional Native American consultation requirements for the lead agency. California Public Resources Code, Section 21074, defines tribal cultural resources as follows:

1. "Tribal cultural resources" are either of the following:
    a. Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are either of the following:
        i. Included or determined to be eligible for inclusion in the California Register of Historical Resources.
        ii. Included in a local register of historical resources as defined in subdivision (k) of Section 5020.1.
    b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Section 5024.1. In applying the criteria set forth in subdivision (c) of Section 5024.1 for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.
2. A cultural landscape that meets the criteria of subdivision (a) is a tribal cultural resource to the extent that the landscape is geographically defined in terms of the size and scope of the landscape.
3. A historical resource described in Section 21084.1, a unique archaeological resource as defined in subdivision (g) of Section 21083.2, or a "nonunique archaeological resource" as defined in subdivision (h) of Section 21083.2 may also be a tribal cultural resource if it conforms with the criteria of subdivision (a).

AB 52 formalizes the lead agency–tribal consultation process, requiring the lead agency to initiate consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of the proposed Project, including tribes that may not be federally recognized, and that have requested in writing that the lead agency notify them of proposed projects within such geographic area. Lead agencies are required to begin consultation prior to the release of a negative declaration, mitigated negative declaration, or environmental impact report (EIR).

Section 9 of AB 52 establishes that "a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment." Section 6 of AB 52 added Section 21080.3.2 to the California Public Resources Code, which states that parties may propose mitigation measures "capable of avoiding or substantially lessening potential significant impacts to a tribal cultural resource or alternatives that would avoid significant impacts to a tribal cultural resource." Further, if a California Native American tribe requests consultation regarding Project alternatives, mitigation measures, or significant effects to tribal cultural resources, the consultation shall include those topics (California Public Resources Code Section 21080.3.2(a)). The environmental document and the mitigation monitoring and reporting program (where applicable) shall include any mitigation measures that are adopted (California Public Resources Code Section 21082.3(a)).

California Health and Safety Code, Section 7050.5

California law protects Native American burials, skeletal remains, and associated grave goods, regardless of their antiquity, and provides for the sensitive treatment and disposition of those remains. California Health and Safety Code, Section 7050.5, requires that if human remains are discovered in any place other than a dedicated cemetery, no further disturbance or excavation of the site or nearby area reasonably suspected to contain human remains can occur until the County Coroner has examined the remains (California Health and Safety Code, Section 7050.5b). California Public Resources Code, Section 5097.98, also outlines the process to be followed in the event that remains are discovered. If the County Coroner determines or has reason to believe the remains are those of a

Native American, the County Coroner must contact the California NAHC within 24 hours (California Health and Safety Code, Section 7050.5c). The NAHC will notify the most likely descendant. With the permission of the landowner, the most likely descendant may inspect the site of discovery. The most likely descendant may recommend means of treating or disposing of, with appropriate dignity, the human remains and items associated with Native Americans. California Public Resources Code, Sections 21083.2(b–c), and CEQA Guidelines, Section 15126.4, provide information regarding the mitigation framework for archaeological and historic resources, including examples of preservation-in-place mitigation measures. Preservation-in-place is the preferred manner of mitigating impacts to significant archaeological sites because it maintains the relationship between artifacts and the archaeological context and may also help avoid conflict with religious or cultural values of groups associated with the archaeological sites.

2.3 City of Manteca

City of Manteca General Plan 2023

The *City of Manteca General Plan 2023*, Section 8.12, lays out the following policies and requirements with regards to cultural resources for proposed projects within city limits.

> The prehistory of the Manteca area is based on the archaeology of the greater Sacramento Delta region. Modern Manteca began as a railroad flag stop, Powell's Station, at the present location of downtown. Community life within Manteca's present city limits focused on the corner of Louise Avenue and Union Road. Residential neighborhoods were beginning to fill in by 1918. The City of Manteca was incorporated on May 28, 1918. During the 1950's, the City grew even faster, as Manteca's inexpensive housing and small-town atmosphere drew workers from the Sharpe Army Depot in Lathrop and industrial plants in outlying areas.
>
> **Goal RC-11.** Preserve and enhance Manteca's archaeological and historic resources for their aesthetic, educational and cultural values.
>
> **Goal RC-12.** Protect Manteca's Native American heritage.
>
> **Policies: Cultural Resources**
>
> **RC-P-37.** The City shall not knowingly approve any public or private project that may adversely affect an archaeological site without consulting the California Archaeological Inventory at Stanislaus State University, conducting a site evaluation as may be indicated, and attempting to mitigate any adverse impacts according to the recommendation of a qualified archaeologist. City implementation of this policy shall be guided by the California Environmental Quality Act (CEQA) and the National Historic Preservation Act (NHPA).
>
> **RC-P-38.** The City shall require that the proponent of any development proposal in an area with potential archaeological resources, and specifically near the San Joaquin River and Walthall Slough, and on the east side of State Highway 99 at the Louise Avenue crossing, shall consult with the California Archaeological Inventory, Stanislaus State University to determine the potential for discovery of cultural resources, conduct a site evaluation as may be indicated, and mitigate any

adverse impacts according to the recommendation of a qualified archaeologist. The survey and mitigation shall be developer funded.

RC-P-39. The City shall set as a priority the protection and enhancement of Manteca's historically and architecturally significant buildings.

RC-P-40. The City shall work with property owners seeking registration of historical structures as Historic Landmarks or listing on the Register of Historic Sites.

RC-P-41. The City shall prepare and adopt a Historical Preservation Ordinance.

RC-P-42. The City and Redevelopment Agency shall support the efforts of property owners to preserve and renovate historic and architecturally significant structures. Where such buildings cannot be preserved intact, the City shall seek to preserve the building facades.

Implementation: Cultural Resources

RC-I-38. Require a records search for any proposed development project, to determine whether the site contains known archaeological, historic, or cultural resources and/or to determine the potential for discovery of additional cultural resources. This requirement may be waived if determined by the City that the proposed project area is already sufficiently surveyed.

RC-I-39. Require that sponsors of proposed development projects on sites where probable cause for discovery of archaeological resources (as indicated by records search and where resources have been discovered in the vicinity of the project) retain a consulting archaeologist to survey the project site. If unique resources, as defined by California State law, are found, a qualified archaeologist or historian shall be called to evaluate the find and to recommend proper action. Require a monitoring plan for the project to ensure that mitigation measures are implemented.

RC-I-40. When feasible, incorporate significant archaeological sites into open space areas.

RC-I-41. The City should continue its inventory of all historic sites throughout the City. The inventory should contain a narrative of the significant facts regarding the historic events or persons associated with the site, and pictures of the site.

RC-I-42. The City shall continue to support the local historical society in their efforts to:

- archive historic information, including photographs, publications, oral histories and other materials, and
- make the information available to the public for viewing and research.

RC-I-43. All City permits for reconstruction or modification of existing buildings will require submittal of a photograph of the existing structure or site. The intent is to create a record of the buildings in the City over time. A photograph will also be required for vacant sites that will be modified with new construction of new buildings or other above ground improvements.

RC-I-44. Encourage the placement of monuments or plaques that recognize and celebrate historic sites, structures, and events.

RC-I-45. The City shall adopt and implement a historic building code, as authorized by state law.

RC-I-46. If human remains are discovered, California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made the necessary findings as to their origin and disposition pursuant to Public Resource code Section 5097.98. If the Coroner determines that no investigation of the cause of death is required, and if the remains are of Native American origin, the Coroner will notify the Native American Heritage Commission, which in turn will inform a most likely descendent. The descendent will then recommend to the landowner appropriate disposition of the remains and any grave goods.

3 Records Search

While the Project as currently planned is subject only to state and local regulatory conditions, federal regulations are also provided here for reference should they be relevant in the future.

A records search of the Project site and the surrounding one-mile radius was completed by CCaIC staff on behalf of Dudek on December 21, 2022 (Confidential Appendix A). This search included their collection of mapped prehistoric, historical, and built-environment resources, Department of Parks and Recreation (DPR) Site Records, technical reports, archival resources, and ethnographic references. Additional consulted sources included the National Register of Historic Places (NRHP), California Inventory of Historical Resources/CRHR and listed OHP Archaeological Determinations of Eligibility, California Points of Historical Interest, California Historical Landmarks, and Caltrans Bridge Survey information.

Previously Conducted Studies:

CCaIC records indicate that 28 previous cultural resources technical investigations have been conducted within a one-mile radius of the Project site. Of these, two intersect the current Project site (Table 1). The entire Project site has been subject to previous archaeological survey.

Table 1. Previous technical studies within a one-mile radius of the APE

Report Number	Author	Year	Title
Intersecting the Project APE			
SJ-04786	Windmiller, Ric and Donald Napoli	2002	City of Manteca--General Plan Update, Background Reports: Archaeological Resources, Historical Resources, Records Search Results
SJ-05309	Baloian, M., R. Baloian, and W. Nettles	2004	Cultural Resources Investigations for the South San Joaquin Irrigation District in San Joaquin County, California.

Table 1. Previous technical studies within a one-mile radius of the APE

Report Number	Author	Year	Title
Within One Mile of the Project APE			
SJ-00729	Chavez, D.	1981	Cultural Resource Evaluation for the Manteca Wastewater Project, San Joaquin County, California.
SJ-00731	Cleland, J. H., A. L. Christenson, C. Woods, and J. C. Smith	1987	An Archaeological Overview and Management Plan for the Sharpe Army Depot, Lathrop, California.
SJ-00732	Cleland, J. H., A. L. Christenson, Woods, C., and Smith, C	1987	Appendix B, An Archaeological Overview and Management Plan for the Sharpe Army Depot, Lathrop, California.
SJ-00768	Napton, L. K.	1982	Cultural Resource Reconnaissance of the Lathrop Road (Airport Way to Highway 99) Expansion, San Joaquin County, California.
SJ-00815	Orlins, R. I.	1979	A Cultural Resource Assessment of Sharpe Army Depot, Lathrop, San Joaquin County, California.
SJ-01435	Hill, W.	1992	Historic Architecture Survey Report; Track Consolidation and Realignment, Modesto, California
SJ-01450	Napton, L. K.	1992	Cultural Resources Investigation of the Rouse Property, 80 Acres in Manteca, San Joaquin County, California.
SJ-01836	Harmon, R. M., J. C. Bard, D. M. Garaventa, S. J. Rossa, and J. Yelding-Sloan	1992	Negative Archaeological Survey Report; Modesto Track Consolidation Corridor Lathrop, San Joaquin County and Modesto, Stanislaus County, California.
SJ-02245	Building Technology Incorporated and National Park Service	1984	Historic Properties Report - Sharpe Army Depot, Lathrop, California.
SJ-02759	Hatoff, Brian, Barb Voss, Sharon Waechter, Stephen Wee, and Vance Bente	1995	Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project, Final.
SJ-02936	Eidsness, Janet P.	1996	Archaeological and Architectural Inventory and Evaluation for the DDJC-Sharpe Site, San Joaquin County, California.
SJ-03995	Nelson, W. J.	2000	Cultural Resource Survey for the Level (3) Communications Long Haul Fiber Optics Project; Segment WS04: Sacramento to Bakersfield
SJ-04059	U.S. Army Corps of Engineers	1996	Hazardous Materials Warehouse, Sharpe Facility, Lathrop, San Joaquin County, California; Cultural Resources Survey and Investigation.
SJ-04161	Peak & Associates, Inc.	2000	Cultural Resource Overview for the Lathrop Road UPRR Grade Separation Project, City of Lathrop, California.
SJ-05582	Deis, R. W.	2004	Cultural Resources Inventory and Assessment for the Union Ranch Specific Plan EIR, San Joaquin County, California.
SJ-05953	Billat, L.	2005	Archaeological Survey Report for the N. Lathrop CA-3325A Wireless Telecom Service (WTS) Facility at 14755 S. Airport Way, Near Manteca, San Joaquin County, CA
SJ-06064	Cheever, D. M. and Berryman, J.	2006	Addendum Architectural Evaluation for the DDJC-Sharpe Site San Joaquin County, CA

Table 1. Previous technical studies within a one-mile radius of the APE

Report Number	Author	Year	Title
SJ-06146	Pacific Legacy, Inc.	1999	Archaeological Monitoring Plan DDJC Sharpe Site.
SJ-06147	Eidsness, J.	1998	Historic Preservation Plan for DDJC-Sharpe Site, California
SJ-06345	SWCA Environmental Consultants	2006	Cultural Resources Final Report of Monitoring and Findings for the QWest Network Construction Project, State of California. SWCA Project No. 10715-180.
SJ-06906	Konzak, M	2008	A Cultural and Paleontological Resources Study for the Lathrop Road/ Union Pacific Railroad Westerly Grade Separation Project
SJ-06971	Jensen, S. M.	2009	Archaeological Inventory Survey, Lathrop Arsenic Treatment Plant and Pipeline Project, c. 2.3 Mile Linear Corridor and 12-Acre Parcel, San Joaquin County, California.
SJ-07145	EDAW, Inc.	2009	Draft: Cultural Resources Assessment for the Manteca Arsenic Reduction Project San Joaquin County, California
SJ-07701	Macedo, Mark	2012	Historic Resource Survey - Sharpe Site Defense Distribution Depot San Joaquin, (County) CA
SJ-009092	ESA, Inc.	2019	Cultural Resources and Tribal Cultural Resources City of Manteca TCP Mitigation Project.
SJ-009234	Coleman, J. A.	2019	Cultural Resources Technical Memorandum: Cultural Resources Study - Exeter Industrial Development Project, City of Manteca, San Joaquin County, California

Previously Identified Cultural Resources:

No previously recorded cultural resources intersect the Project site. 26 previously recorded cultural resources are located within a one-mile radius of the Project site.

Table 2. Cultural Resources in Relation to the APE

Primary	Trinomial / Name / Other ID	Age	Description
Within One Mile of the Project APE			
P-39-000002	CA-SJO-000250H; Western Pacific Railroad; Central Pacific Railroad; Stockton & Visalia RR; San Pablo & Tulare Extension RR; San Joaquin & Sierra Nevada RR; Kentucky House Branch (Calaveras Branch); S.P RR San Joaquin Valley Mainline; Southern Pacific Railroad in San Joaquin County; Southern pacific Railroad West Side line; Southern Pacific Railroad Altamont Pass Route;	Historic	Foundations/structure pads (AH02); Privies/dumps/trash scatters (AH04); Roads/trails/railroad grades (AH07); Walls/fences (AH11); Engineering Structure (HP11)

Table 2. Cultural Resources in Relation to the APE

Primary	Trinomial / Name / Other ID	Age	Description
	Southern Pacific Railroad Lodi to Valley Springs.		
P-39-000099	LG-69; Canal T and Drainage Canal, South San Joaquin Irrigation District	Historic	Other (HP39)
P-39-000103	Drainage Ditch, South San Joaquin Irrigation District	Historic	Canal/aqueduct (HP20)
P-39-000133	Sharpe Facility Railroad System & Structure Nos. 101, 273, 68 & remaining rail lines	Historic	Engineering structure (HP 11); Military property (HP34)
P-39-000354	CA-SJO-000241H; Permanente Metals Corp. Magnesium Plant	Historic	Standing structures (AH 15); Other (AH16)
P-39-000585	Building 661	Historic	Military property (HP 34)
P-39-000598	Warehouse Bldg. 640	Historic	Military property (HP 34)
P-39-000601	Building 648	Historic	Military property (HP 34)
P-39-000604	Signal Field Maintenance Bldg. 684	Historic	Military property (HP 34)
P-39-000611	Building 655	Historic	Military property (HP 34)
P-39-000612	Sharpe Army Depot, California	Historic	Military property (HP 34)
P-39-000616	Care and Preservation Building; Bldg 649	Historic	Industrial building (HP 08); Military property (HP34)
P-39-004494	14580 Airport Way	Historic	Single family property (HP 02); Ancillary building (HP04)
P-39-004495	14745 S. Union Road	Historic	Farm/ranch (HP 33)
P-39-004496	3833 Lathrop Road	Historic	Single family property (HP 02)
P-39-004497	3807 Lathrop Road	Historic	Single family property (HP 02)
P-39-004498	14875 S. Union Road	Historic	Single family property (HP 02); Ancillary building (HP 04)
P-39-004499	4513 Lathrop Road	Historic	Public utility building (HP 09)
P-39-004500	14842 S. Union Road	Historic	Single family property (HP 02); Ancillary building (HP 04)
P-39-004501	14808 S. Union Road	Historic	Single family property (HP 02); Ancillary building (HP 04)
P-39-004502	14596 S. Union Road	Historic	Single family property (HP 02); Ancillary building (HP 04)
P-39-004503	14444 S. Union Road	Historic	Single family building (HP 02); Ancillary building (HP 04)
P-39-004569	DLA Quality Assurance Facility/Warehouse; Building 404	Historic	Industrial building (HP 08); Military property (HP 34)
P-39-004571	Sewage Pump; Building 413	Historic	Ancillary building (HP 04); Military property (HP 34)
P-39-004572	Sewage Pump; Building 650	Historic	Ancillary building (HP 04); Military property (HP 34)

Table 2. Cultural Resources in Relation to the APE

Primary	Trinomial / Name / Other ID	Age	Description
P-39-004573	Care and Preservation Shop; Building 653	Historic	Ancillary building (HP 04); Military property (HP 34)
P-39-004574	Compressor Building; Building 666	Historic	Ancillary building (HP 04); Military property (HP 34)
P-39-004913	2064 N. Union Road	Historic	Single family property (HP 02)
P-39-005005	Mandeville/King Island Schools and Manteca High School	Historic	Educational building (HP 15)

Review of Historical Maps and Aerial Imagery

Dudek consulted historic maps and aerial photographs to understand development of the Project site and surrounding properties. Historic aerial photographs, available from 1957 to 2020, and historic maps, available from 1915 to 2018, were inspected to observe previous development in the Project site (NETR 2023). These maps and images display the Project area as agricultural land up to the mid-1980s to 1990s with the development of housing surrounding the project site in the early 2000s. From the mid-1990s the Project site has remained undeveloped until present day.

NAHC Sacred land file Search

Dudek requested a NAHC search of their Sacred Lands File on December 20, 2022 for the Project site (Appendix B). Results for this search were provided by the NAHC on December 16, 2022. Results were negative. A list of traditionally culturally affiliated Native American tribal representatives who may have additional information related to cultural resources in the area was provided as part of this search. The City sent letters to each of these tribal representatives informing them of the Project and inviting consultation on February 13, 2023 (Appendix C). To date, no requests for consultation were received. Records of AB 52-related tribal engagement is on file with the City.

The proposed Project is subject to compliance with Assembly Bill 52 (PRC Section 21074), which requires consideration of impacts to "tribal cultural resources" as part of the CEQA process and requires the CEQA lead agency to notify any groups (who have requested notification) of the proposed Project who are traditionally or culturally affiliated with the geographic area of the Project. Because Assembly Bill 52 is a government-to-government process, all records of correspondence related to Assembly Bill 52 notification and any subsequent consultation are on file with the City.

4 Methods

4.1 Intensive Pedestrian Survey

Dudek archaeologist Walter Tovar Saldana, inspected all areas of the Project site on January 13, 2023. The entirety of the Project site is on undeveloped land with a slope under 2°. Ground visibility was high, with small areas of ground surface being covered by low lying seasonal grasses. Evidence of artifacts or archaeological deposits were

sought through the walking of transects spaced no more than 10 meters apart. No archaeological artifacts or features were identified.

5 Review of Setting and Archaeological Sensitivity

Potential for yet identified cultural resources in the vicinity was reviewed against geologic and topographic GIS data for the area and information from other near-by projects. The "archaeological sensitivity," or potential to support the presence of a buried prehistoric archaeological deposits, is generally interpreted based on geologic landform, environmental parameters (i.e., distance to water and landform slope), and an area's history of use.

There are two soil types mapped on the project site: Timor loamy sand, 0-2% slopes, covering the majority of the Project site, and Tinnin loamy coarse sand, 0-2% slopes, on the northeastern corner of the Project site (USDA 2023). The primary constituents of these soils are gravelly loam or clay loam. These type of soils form deep alluvial deposits created from runoff of the Sierra Nevada foothills, which are known to often have well-defined strata excellent for burying and preserving potential archaeological deposits, if present. No major or minor drainages appear in any historic maps in or near the Project site.

Based on review of historical aerial imagery and topographic maps the Project area has remained undeveloped since the early 1990s, was previously used as agricultural land from approximately 1957 until 1982, and the surrounding area was developed less than 30 years ago. Additionally, no archaeological resources were observed during pedestrian survey, nor have they been previously recorded in the near vicinity. In consideration of the lack of fresh water nearby, lack of previously resources discovered within the vicinity, and previous agriculture disturbances, Project site has a low to moderate potential to support the presence of intact buried archaeological deposits.

6 Summary And Management Considerations

No archaeological resources were identified within the Project site or immediate vicinity as a result of intensive pedestrian survey and the CHRIS records search. The NAHC SLF search results were negative. No known resources will be impacted by Project activities. Based on review of the Project's geoarchaeological setting, the area has a low to moderate potential to contain unanticipated cultural resources. Management recommendations to reduce potential impacts to unanticipated archaeological resources and human remains during Project construction are provided below.

6.1 Unanticipated Archaeological Resources

All employees should be alerted to the potential to encounter archaeological material. In the event that cultural resources (sites, features, or artifacts) are exposed during work activities for the proposed Project, all ground disturbing work occurring within 100 feet of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Prehistoric archaeological deposits may be indicated by the presence of discolored or dark soil, fire-affected material, concentrations of fragmented or whole freshwater bivalves shell, burned or complete bone, non-local lithic materials, or the characteristic observed to be atypical of the surrounding area. Common prehistoric

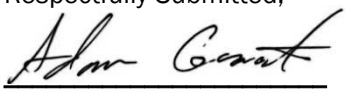
artifacts may include modified or battered lithic materials; lithic or bone tools that appeared to have been used for chopping, drilling, or grinding; projectile points; fired clay ceramics or non-functional items; and other items. Historic-age deposits are often indicated by the presence of glass bottles and shards, ceramic material, building or domestic refuse, ferrous metal, or old features such as concrete foundations or privies. Depending upon the significance of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing, or data recovery may be warranted.

6.2 Unanticipated Human Remains

In accordance with Section 7050.5 of the California Health and Safety Code, if human remains are found, the County Coroner shall be immediately notified of the discovery. No further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the County Coroner has determined, within 2 working days of notification of the discovery, the appropriate treatment and disposition of the human remains. If the County Coroner determines that the remains are, or are believed to be, Native American, he or she shall notify the NAHC in Sacramento within 24 hours. In accordance with California Public Resources Code, Section 5097.98, the NAHC must immediately notify those persons it believes to be the most likely descendant from the deceased Native American. The designated Native American representative would then determine, in consultation with the property owner, the disposition of the human remains.

Should you have any questions relating to this report and its findings please do not hesitate to contact me directly.

Respectfully Submitted,



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Archaeologist
DUDEK
T: 530.863.4653
agiacinto@dudek.com

cc: *Nicholas Hanten, Dudek*
Brian Grattidge, Dudek

Att: *NADB Information*
Figure 1. Project Location
Figure 2. Project Site
Appendix A: CCaIC Records Search Information (Confidential)
Appendix B: NAHC SLF Search Results
Appendix C: Record of AB52 Consultation

References Cited

NETR (National Environmental Title Research LLC). *Historic Aerials*. February 01, 2023. http://www.historicaerials.com/.

USDA (United States Department of Agriculture). 2023. *Natural Resources Conservation Service (NRCS). Web Soil Survey*. Accessed March 15, 2023. http://websoilsurvey.sc.egov.usda.gov/ App/HomePage.htm.

Sacred Lands File & Native American Contacts List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: Manteca Gas Station Project

County: San Joaquin

USGS Quadrangle Name: Lathrop, CA and Manteca, CA

Township: 1S **Range:** 6E, 7E **Section(s):** 19, 20, 24, 25, 29, 30, 31, 36

Company/Firm/Agency: Dudek

Street Address: 1102 R St.

City: Sacramento **Zip:** 95811

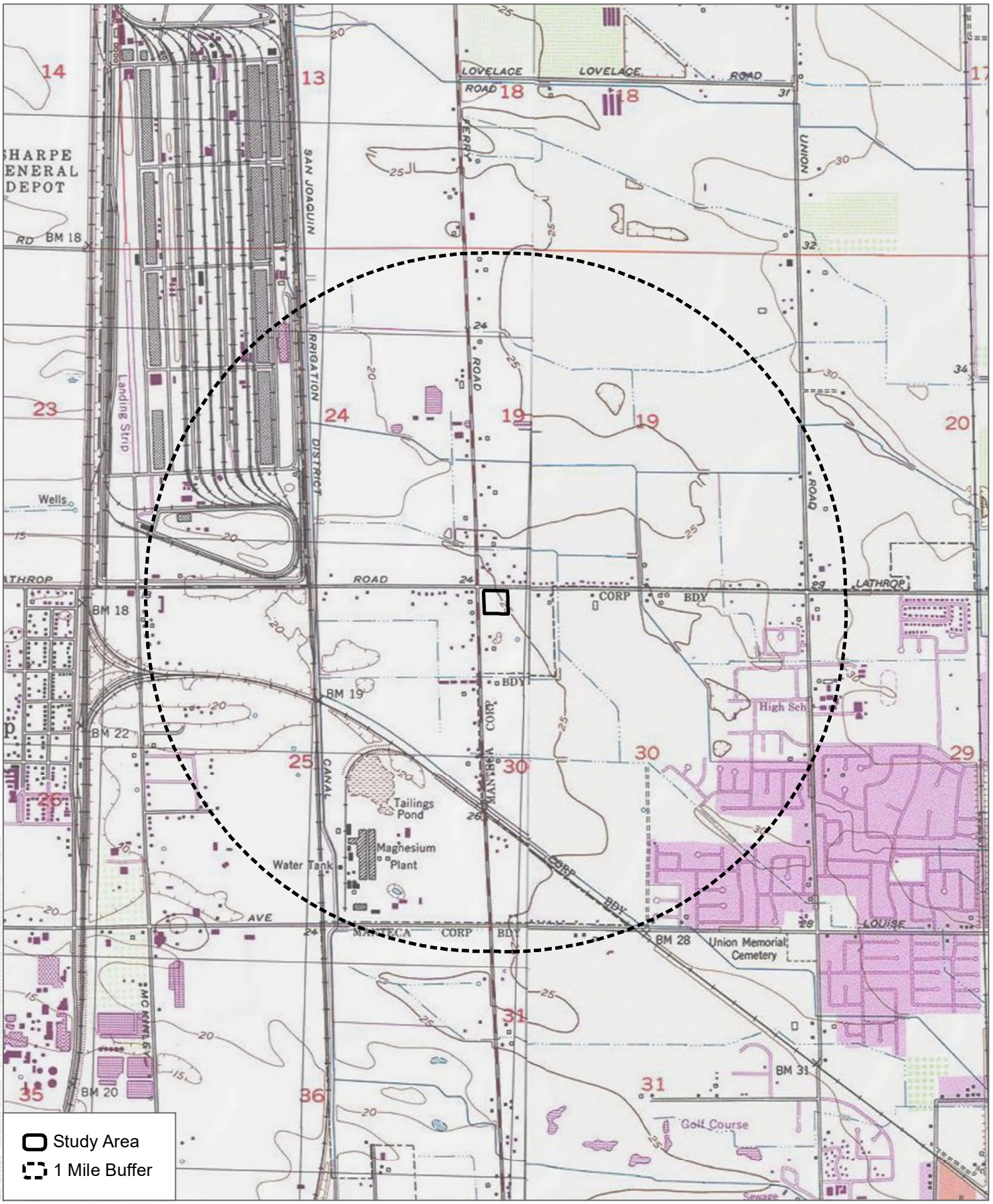
Phone: (760) 840-7599

Fax:

Email: nhanten@dudek.com

Project Description:

Construction of a gas station, retail store, and restaurant space on an undeveloped approximately 3 acre area

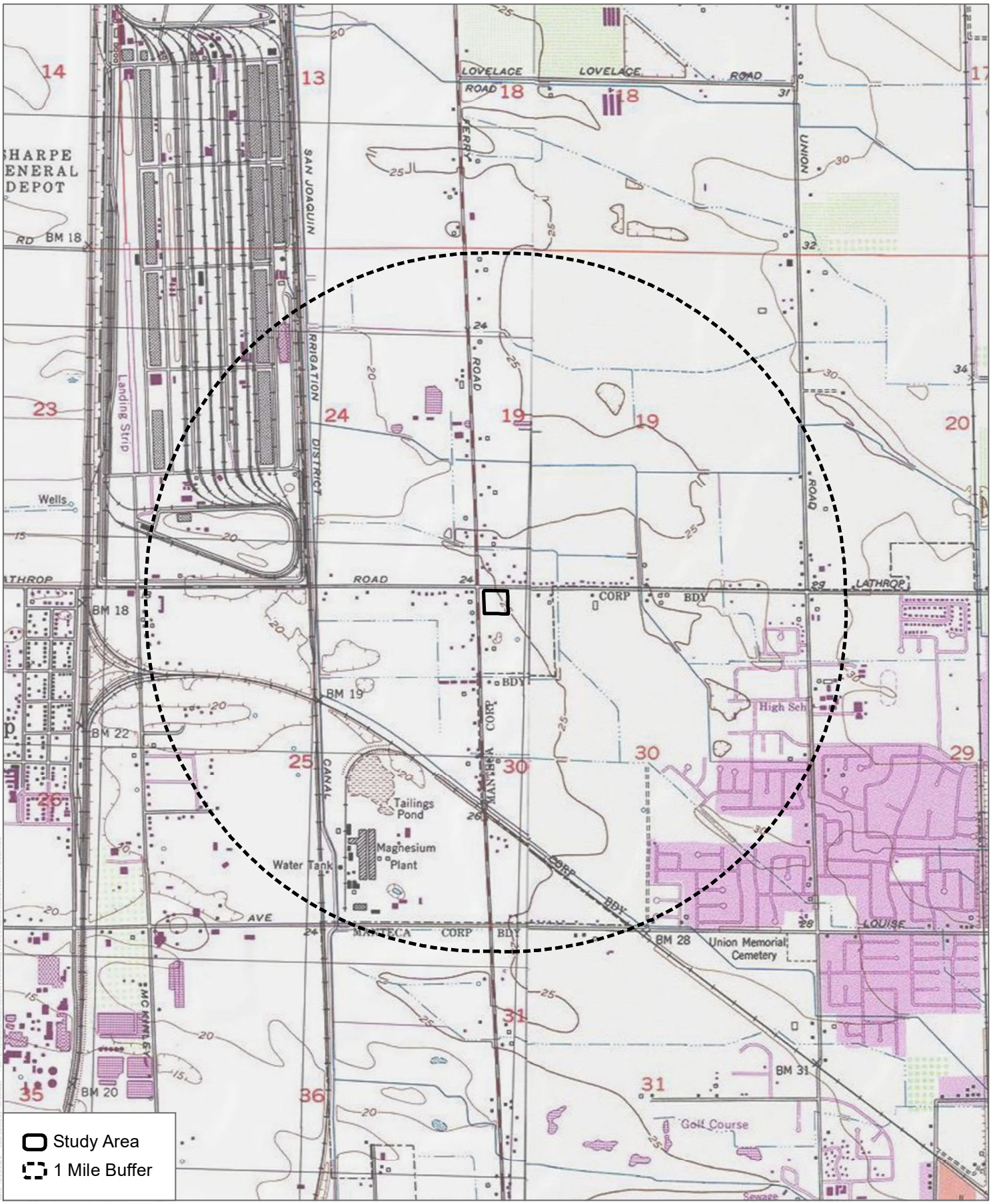


SOURCE: USGS 7.5-Minute Series Lathrop & Manteca Quadrangles
Township 1S; Range 6E, 7E; Sections 19, 20, 24, 25, 29, 30, 31, 36

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Records Search
Manteca Gas Station



SOURCE: USGS 7.5-Minute Series Lathrop & Manteca Quadrangles
Township 1S; Range 6E, 7E; Sections 19, 20, 24, 25, 29, 30, 31, 36

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

Records Search
Manteca Gas Station

NATIVE AMERICAN HERITAGE COMMISSION

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December 16, 2022

Mallorie Fenrich
City of Manteca

Via Email to: mfenrich@manteca.gov

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Airport Plaza - 2060 W. Lathrop Rd., Manteca, CA Project, San Joaquin County

Dear Ms. Fenrich:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

    - Any report that may contain site forms, site significance, and suggested mitigation measures.

      All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Tribal Consultation List
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12/16/2022

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The Confederated Villages of Lisjan
Corrina Gould, Chairperson
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Phone: (510) 575 - 8408 — Delta Yokut
cvltribe@gmail.com

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Airport Plaza - 2060 W. Lathrop Rd., Manteca, CA Project, San Joaquin County.

Appendix D
Transportation Impact Study

Airport Plaza Retail Center

Transportation Impact Study

2060 W. Lathrop Road

Prepared for:
Two Guys Food & Fuel, Inc.

July 27, 2023

RS22-4211

FEHR PEERS

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1. Introduction

This study addresses the potential transportation impacts associated with the proposed Airport Plaza project located in the City of Manteca. Project impacts to vehicular intersection operations and bicycle, pedestrian and transit facilities are analyzed under both existing and future conditions. Screening analysis is performed to determine if the project qualifies to be relieved of performing a complete vehicle miles traveled (VMT) impact analysis. This report documents the methodologies, inputs, and results of the analysis.

1.1 Project Description

The project site encompasses approximately three acres located in the western portion of the City of Manteca, in the southeast quadrant of the Airport Way and Lathrop Road intersection. **Figure 1** shows the location of the project site. The proposed project site plan (*Airport Plaza*, K12 Architects, July 12, 2021) includes the following commercial uses:

- Gas station with 16 fueling positions and car wash
- A 3,410 square foot convenience store
- A 2,500 square foot drive-through fast-food restaurant
- Two high-turnover sit-down restaurants, 2,092 square feet and 1,908 square feet
- A 5,734 square foot retail building

The project parcel is located within the Neighborhood Commercial land use designation. Based on the project site plan, a total of 108 parking spaces would be provided, which aligns with City requirements (Manteca Municipal Code 17.52.050).

According to discussions with the project architect, K12 Architects, primary access to the project site would be provided by three driveways: one with full access on Airport Way, one with right-in/right-out only access on Lathrop Road, and one with full access on Lathrop Road. All project driveways would be side-street stop controlled. **Figure 2** displays the project site plan.

1.2 Study Area

The study area was selected based on the project's location, site access, and expected trip distribution and assignment. The analysis considers traffic operations at the following intersections, which are displayed in Figure 1.

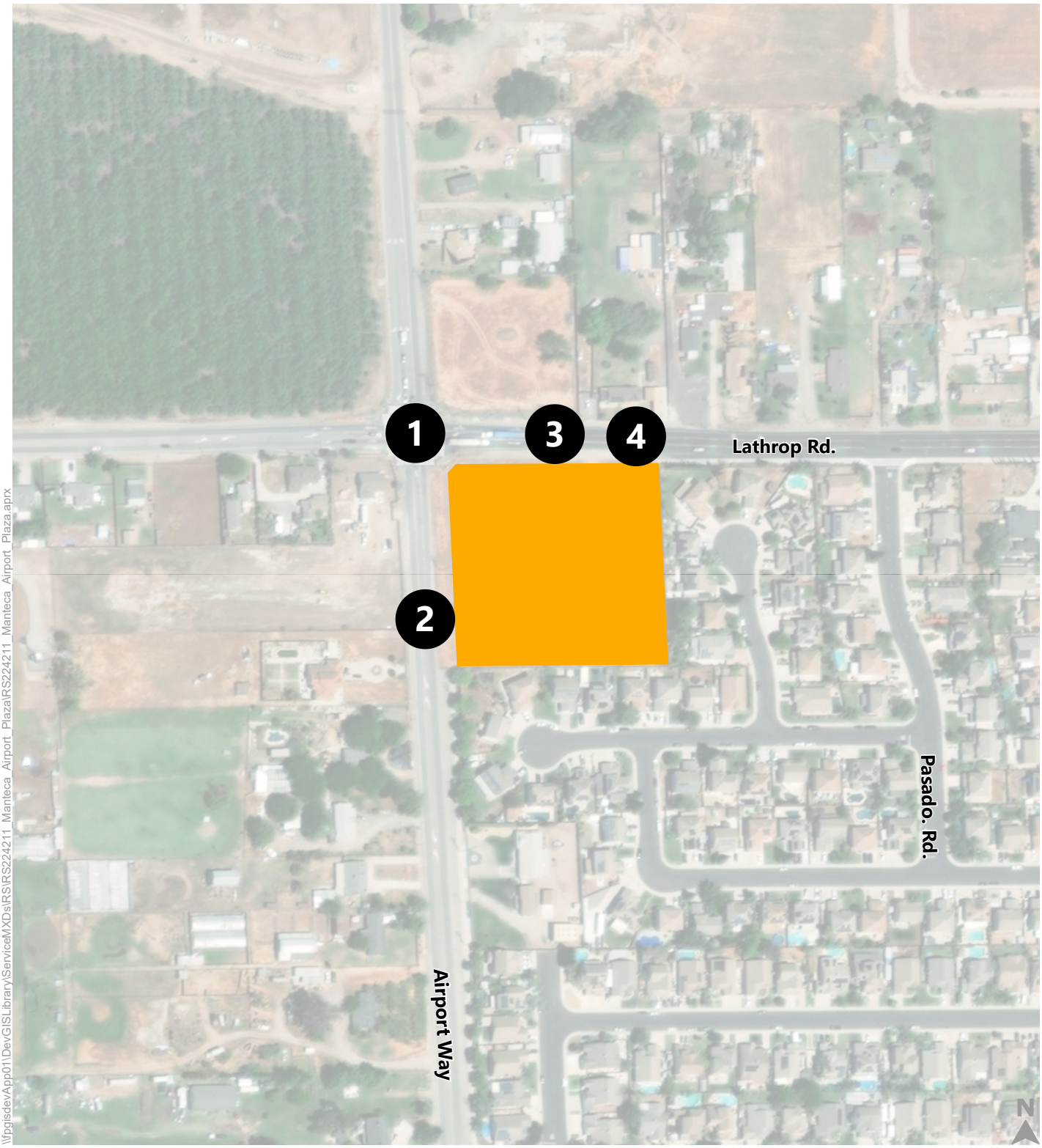
Study intersections were selected based on their proximity to the site:

1. Airport Way / Lathrop Road (Existing)
2. Airport Way / Driveway #1 (Future)
3. Driveway #2 / Lathrop Road (Future)
4. Driveway #3 / Lathrop Road (Future)

1.3 Study Scenarios

The study intersections were evaluated for the following four scenarios:

- **Existing Conditions** – Analyzes operations as they exist today.
- **Existing Plus Project Conditions** – Analyzes existing operations with the addition of trips generated by the project.
- **Cumulative No Project Conditions** - Analyzes cumulative conditions assuming the project site remains in its current undeveloped state.
- **Cumulative Plus Project Conditions** – Analyzes cumulative conditions with the addition of trips generated by the project.

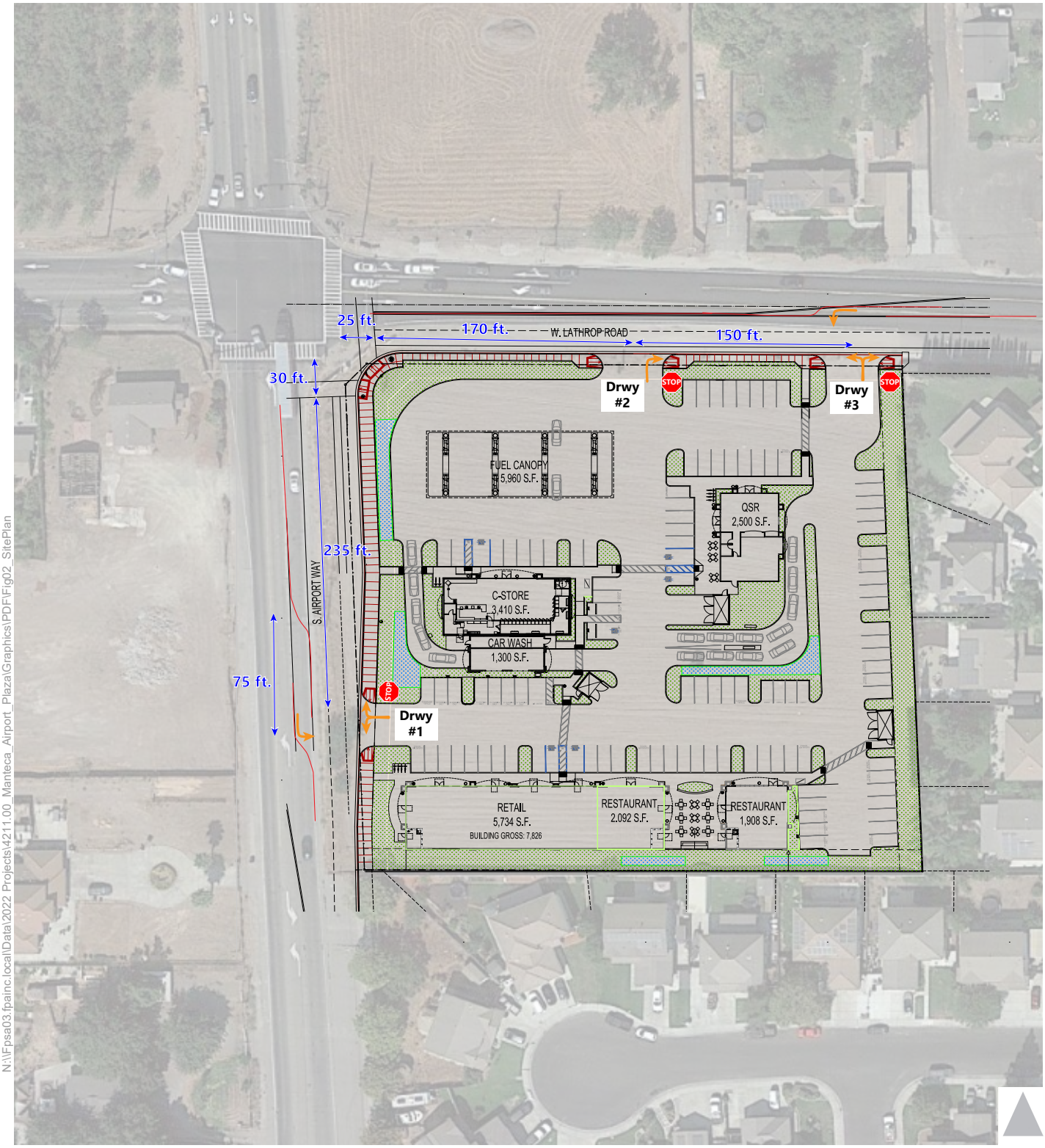


1 Study Intersection

Project Site

Figure 1

Study Area



Permitted Turning Movements

Proposed Lane Markings

N:\Fpsa03.fpainc.local\Data\2022 Projects\4211.00_Manteca_Airport_Plaza\Graphics\PDF\Fig02_SitePlan

Figure 2

Site Plan

2. Existing Conditions

This chapter presents the existing pedestrian, bicycle, and transit facilities and intersection operations under Existing Conditions.

2.1 Existing Pedestrian and Bicycle Facilities

Figure 3 presents the existing pedestrian and bicycle network in the study area. However, a sidewalk exists on the east side of Airport Way from the south boundary of the project site to Hastings Drive, and on the south side of Lathrop Road from the project site to London Avenue.

All legs of the signalized Airport Way/Lathrop Road intersection have crosswalks with push-button activation. The southeast, northwest, and northeast corners of the intersection feature small, paved areas where pedestrians may wait. However, no ADA ramps are provided, and sidewalks do not connect to any of these crosswalks.

There are currently no bicycle facilities along Airport Way or Lathrop Road. Planned bicycle facilities in the ATP near the project area include Class II buffered bike lanes along Airport Way and Class II bike lanes along Lathrop Road.

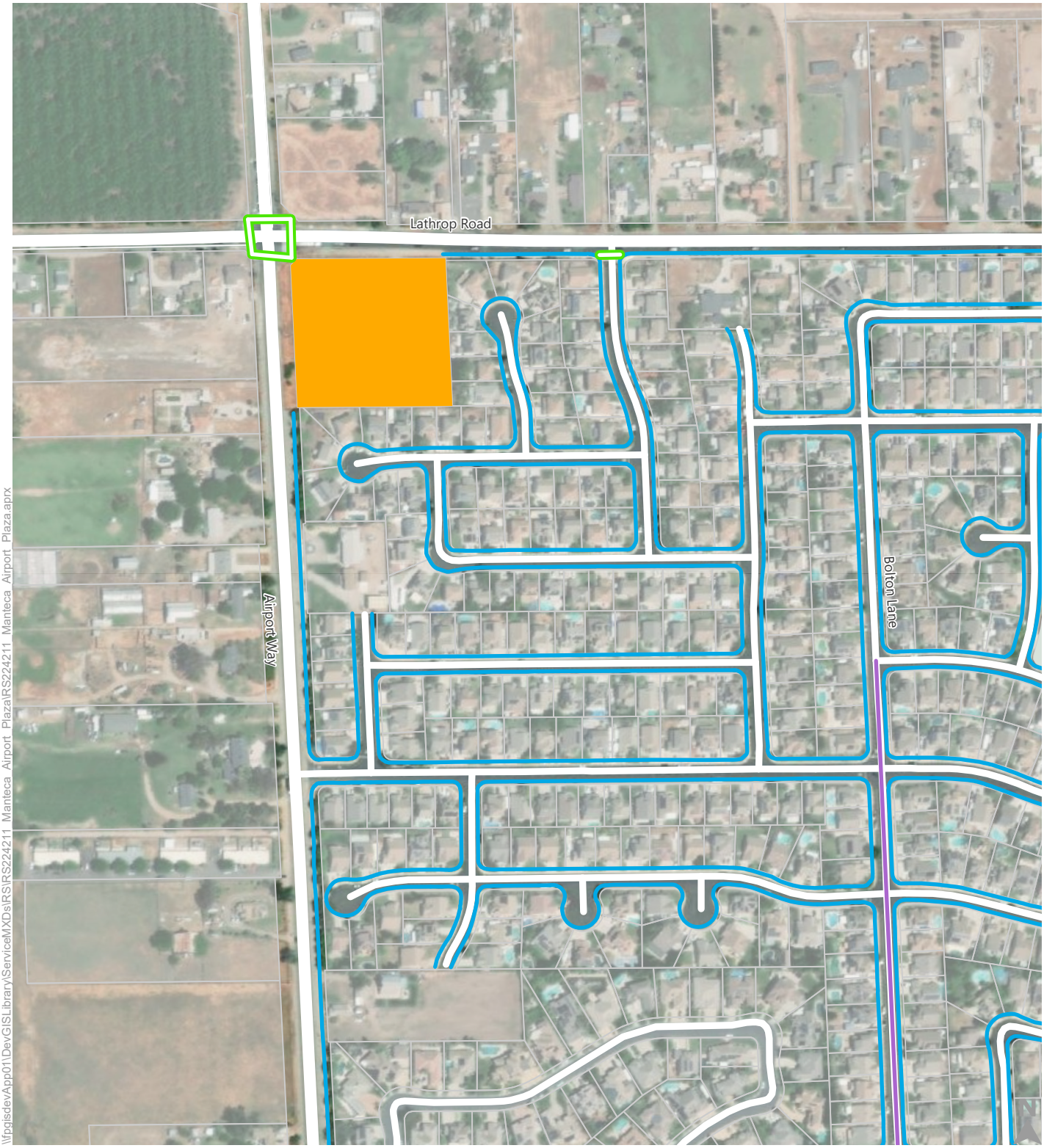
2.2 Existing Transit Facilities

Figure 4 presents the existing transit services in the study area. Manteca Transit operates fixed-route and Dial-a-Ride bus service with stops throughout the city. The nearest bus stop is on London Avenue at Copeland Way in front of Chadwick Park, approximately a ½-mile walk to the east of the project site. This stop serves Manteca Transit Route 3, which provides weekday and Saturday fixed route service.[1] Route 3 follows a counterclockwise path covering the northwest portion of Manteca, serving schools, parks, and shopping centers along North Main Street, Louise Avenue, Northgate Drive, Crom Street, and Yosemite Avenue. Dial-a-Ride service is provided in the entire area shown in **Figure 4**, encompassing most of the built-out area in the Woodbridge neighborhood.

2.3 Data Collection

Traffic count data at the existing study intersection of Airport Way/Lathrop Road was collected in Fall 2021 when nearby schools were in session and weather conditions were dry. Intersection turning movement counts were conducted during the AM (7:00 to 9:00) and PM (4:00 to 6:00) peak periods. Existing lane configurations were obtained via aerial imagery from Google Maps and confirmed based on field observations.

[1] Manteca Transit Ride Guide & System Map: https://www.manteca.gov/home/showpublisheddocument/5812/638235663965630000

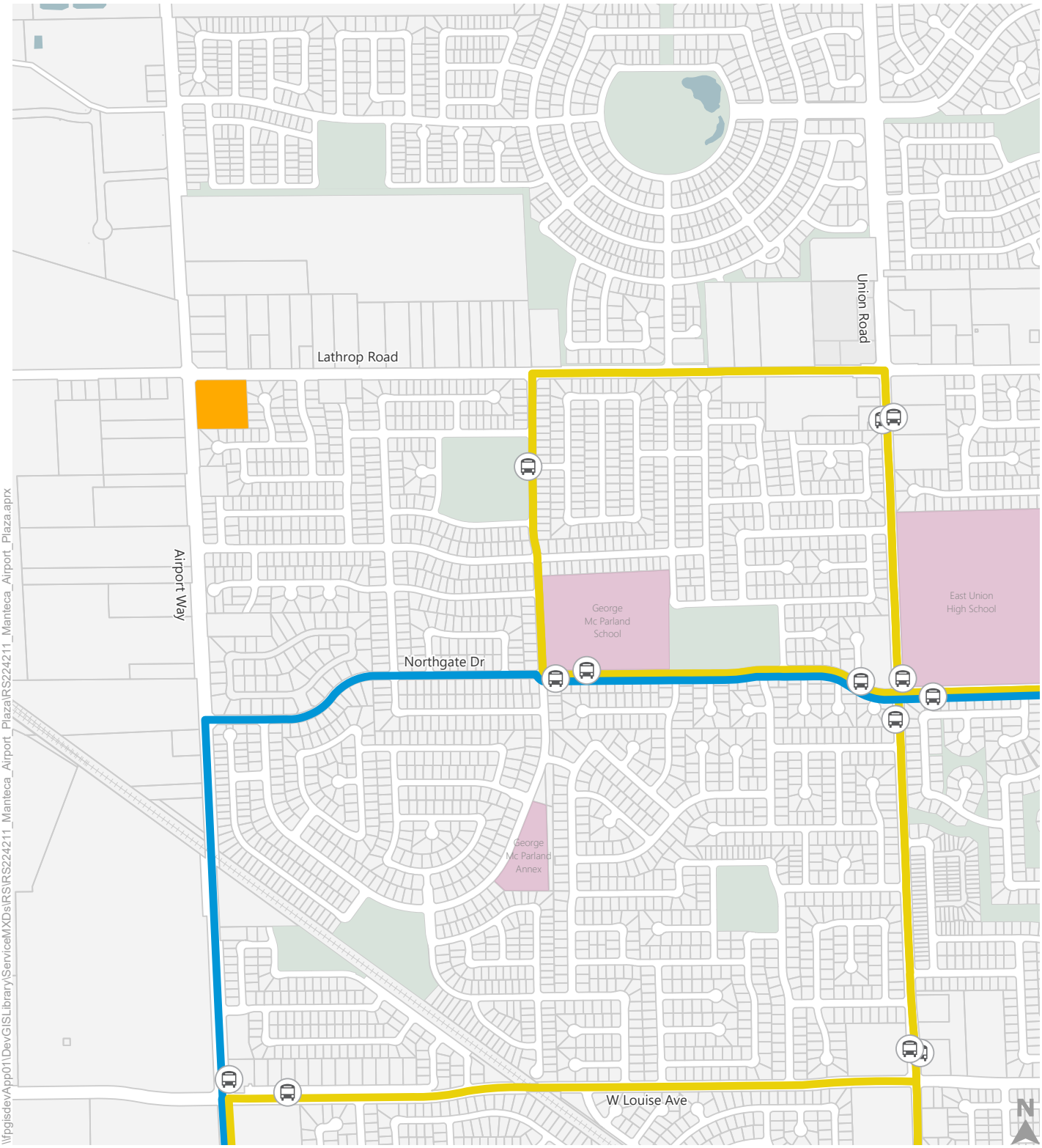


Existing Facilities:

- Sidewalks
- Crosswalks
- Class II Bicycle Lane
- Project Site

Figure 3

Existing Bicycle and Pedestrian Facilities



Source: Manteca Transit System Map

Manteca Transit Facilities:

- Stops
- Route 3
- Route 4
- Project Site

Note: Project location is serviced by Dial-A-Ride

Figure 4

Existing Transit Facilities

2.4 Existing Intersection Operations

Table 1 displays the existing AM and PM peak hour operations at the study intersection. Existing intersection turning movements at Airport Way & Lathrop Road and technical calculations are in **Appendix A**.

As displayed, the signalized Airport Way/Lathrop Road intersection currently operates acceptably at LOS C during the AM and PM peak hours.

Table 1: Intersection Operations – Existing Conditions

Intersection	Control Type	AM Peak Hour		PM Peak Hour	
		Delay[1]	LOS	Delay[1]	LOS
1. Airport Way/Lathrop Road	Signal	26.6	C	27.0	C

Notes: LOS = Level of Service. See Section 5.1 for analysis methodology.
Bold indicates deficient operations.
[1] For signalized intersections, average intersection delay is reported in seconds per vehicle for all approaches. Intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).
Source: Fehr & Peers, 2022

3. Policy Consistency

The City of Manteca Active Transportation Plan (2020) and City of Manteca General Plan (last amended in 2011) were reviewed to determine if the proposed project results in any inconsistencies with adopted transportation-related policies.

3.1 Manteca General Plan

Land Use & Zoning

The currently adopted City of Manteca General Plan (last amended in 2011) designates the project site as neighborhood commercial. The City is currently going through a General Plan update, which also designates the project site as commercial. Therefore, the proposed project is consistent with both the existing and the proposed General Plan land use designations.

Circulation

The following relevant Circulation Policies from the 2023 Circulation Element of the currently adopted City of Manteca General Plan are evaluated for consistency to the proposed project.

Level of Service

Relevant Policies:

> **C-P-1**: The City shall strive to balance levels of service (LOS) for all modes (vehicle, transit, bicycle, and pedestrian) to maintain a high level of access and mobility, while developing a complete and efficient circulation system. The impact of new development and land use proposals on LOS and accessibility for all modes should be considered in the review process.
>
> **C-P-2**: To the extent feasible, the City shall strive for a vehicular LOS of D or better at all streets and intersections, except in the Downtown area where right-of-way is limited, pedestrian, bicycle, and transit mobility are most important and vehicular LOS is not a consideration.

Evaluation: Vehicle intersection operations were analyzed for the proposed project in Chapters 6 and 7, while accommodations for bicyclists and pedestrians are discussed in Chapter 8. With recommended improvements identified in the PFIP, the study intersection of Airport Way/Lathrop Road would operate at LOS D or better with the addition of project trips under cumulative conditions.

Major Streets Master Plan

Relevant Policies:

> **C-P-4**: Streets shall be dedicated, widened, extended, and constructed according to street cross-section diagrams established in the City Standard Plans.
>
> **C-P-5**: Major circulation improvements shall be completed as abutting lands develop or redevelop, with dedication of right-of-way and construction of improvements, or participation in construction of such improvements, required as a condition of approval.

C-P-6: New development shall pay a fair share of the costs of street and other transportation improvements based on impacts to LOS and other modes in conformance with the goals and policies established in this Circulation Element and the PFF program.

C-P-8: Street improvements will be designed to provide multiple, direct and convenient routes for all modes.

Evaluation: The proposed project site plan and recommendations in the study are consistent with Policies C-P-4, C-P-5, C-P-6, and C-P-8. As required in the conditions of approval in this report. the project developer would dedicate of right-of-way and/or construct roadway improvements as part of project construction and pay fair share of costs based on project transportation impacts,

Transportation Safety

Relevant Policies:

C-P-20: The creation or continuance of traffic, bicycle, and pedestrian hazards shall be discouraged in new development, infill development, and redevelopment areas.

C-P-21: In the development of new projects, the City shall give special attention to maintaining/ensuring adequate corner-sight distances appropriate for the speed and type of facility, including intersections of city streets and private access drives and roadways.

C-P-22: The City shall encourage the development of landscape separated sidewalks along roadways (particularly arterials and non-residential streets) when feasible to discourage pedestrian/vehicle conflicts and be consistent with complete streets concepts.

Evaluation: The project would be consistent with C-P-20 and C-P-21. The project would not create any vehicle, bicycle, or pedestrian hazards. The project would maintain adequate corner sight distance at the Airport Way/Lathrop Road intersection in accordance with the Manteca Municipal Code section 17.54.060. However, the sidewalks proposed in the project site plan are not landscape-separated as discussed in C-P-22. Based on the project site plan, adding space between the roadway and sidewalk may create internal project layout concerns and cause discontinuities with the nearby sidewalks, and therefore considered infeasible.

Parking

Relevant Policies:

C-P-24: New development shall provide an adequate number of off-street parking spaces to accommodate the typical parking demands of the type of development on the site. The City may dictate both minimum and maximum amounts of parking; the use of shared parking is encouraged to reduce overall land consumed by parking areas.

C-P-27: Ensure that there is adequate parking for normal commercial activities.

Evaluation: The proposed project would be consistent with C-P-24 and C-P-27. The project site plan shows 111 parking spaces, which exceeds the 102 parking spaces required by Manteca Municipal Code section 17.52.050 based on the proposed land uses.

Bikeways and Pedestrian Facilities

Relevant Policies:

C-P-30: Provide adequate bicycle parking facilities at commercial, business/professional and light industrial uses.

C-P-32: The City shall strive to provide on-street Class II bike lanes along major collector and arterial streets whenever feasible.

C-P-36: The City shall strive to provide a sidewalk system that serves all members of the community and meets the latest guidelines related to the Americans with Disabilities Act (ADA).

C-P-37: All new sidewalks, walkways, and intersection crosswalks shall be consistent with the requirements of the ADA.

Evaluation: The proposed project would be consistent with C-P-30, C-P-32, C-P-36, and C-P-37. The project site plan shows ten bicycle parking spaces, exceeding the seven that would be required based on Manteca Municipal Code section 17.52.110. The project site plan shows bike lanes along the project frontage on Airport Way and Lathrop Road, as well as sidewalks and curb ramps at the Airport Way/Lathrop Road intersection and at project driveways. Condition of Approval #3 requires these new facilities to meet ADA requirements.

Goods Movement

Relevant Policies:

C-P-50: All roads identified as truck routes shall be designed to accommodate STAA trucks.

Evaluation: The proposed project could be consistent with C-P-50. As the City works with San Joaquin County and surrounding jurisdictions to finalize its truck routes, it will need to ensure designated routes are designed appropriately, and let developers know of truck route designations and design requirements.

Transportation Demand Management

Relevant Policies:

C-P-53: The City shall establish a requirement for a TDM program in any business park, industrial or commercial land use that employs more than 50 full time equivalent employees.

Evaluation: The proposed project would be consistent with C-P-53, as the project land uses are projected to employ less than 50 full-time equivalent employees, it does not need to create a TDM program.

3.2 Manteca Active Transportation Plan

The Active Transportation Plan (ATP) identifies the following planned improvements near the project site:

- Class II (on-street with appropriate signage and pavement markings) buffered bike lane on Airport Way between Roth Road and Daniels Street.
- Class II bike lane along Lathrop Road within Manteca's city boundaries, from west of Airport Way to east of SR 99.
- Sidewalk along the west side of Airport Way between Roth Road and south of SR 120.
- Sidewalks on both sides of Lathrop Road from approximately 1,500 feet west of Airport Way to east of London Avenue, including along the project frontage.

A Condition of Approval based on the planned improvements in the active transportation plan is discussed in Section 8.2.

The ATP also provides guidance on short-term and long-term bicycle parking. As defined in the ATP, short-term bicycle parking is temporary bicycle parking intended for visitors, typically provided as bike racks. Long-term bicycle parking is intended for employees to protect bicycles for extended periods and are more secure to protect bicycles from theft and weather. As discussed above, seven total bicycle parking spaces are required for the proposed site. The proposed project shows 10 bike racks, a form of short-term bicycle parking. Long-term bicycle parking could be provided for employees within each building.

4. Vehicle Miles Traveled Screening Analysis

This chapter describes the screening analysis performed to determine if the project qualifies to be relieved of performing a complete vehicle miles traveled (VMT) impact analysis.

4.1 Applicable Policies and Guidelines

Senate Bill 743

Senate Bill (SB) 743 was signed into law in 2013 and led to the addition of Section 15064.3, Determining the Significance of Transportation Impacts, to the CEQA Guidelines. Per the new section, "Generally, vehicle miles traveled is the most appropriate measure of transportation impacts. For the purposes of this section, 'vehicle miles traveled' refers to the amount and distance of automobile travel attributable to a project."

Applicable Policies for Evaluating Transportation Impacts in CEQA

The City of Manteca is in the process of developing guidelines for transportation impact analysis. For the purpose of this study, methodology and screening criteria in the City's Draft *Transportation Impact Analysis Guidelines* (TIA Guidelines) will be applied.

The TIA Guidelines includes a list of land use projects whose transportation VMT impacts are presumed to be less-than-significant, and therefore may be relieved of performing a complete VMT impact analysis. Consistent with the *Technical Advisory on Evaluating Transportation Impacts in CEQA* (California Office of Planning & Research [OPR], December 2018).[2] the City's *TIA Guidelines* recommend screening out local-serving retail land uses from VMT analysis as explained below.

> **Local-Serving Retail:** Trip lengths may be shortened and VMT reduced by adding "local-serving" retail opportunities that improve destination proximity. The *Technical Advisory* generally describes retail development including stores less than 50,000 square feet as locally serving. Restaurants may also be screened using this criterion.

4.2 Project VMT Screening

As noted above, local-serving retail is one of the uses that can be presumed to have a less-than-significant VMT impact and thus be screened out of VMT analysis. The OPR *Technical Advisory* notes that new retail development typically redistributes shopping trips rather than creating new trips. The proposed gas station, car wash, and restaurant uses would qualify as retail uses, and would likely have a similar

[2] http://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf

effect on travel. Demand for these services is relatively fixed, with customers selecting businesses to patronize based on convenience, quality, and/or offered services. The OPR *Technical Advisory* further states that "adding retail opportunities into the urban fabric and thereby improving retail destination proximity, local-serving retail development tends to shorten trips and reduce VMT. Thus, lead agencies generally may presume such development creates a less-than-significant transportation impact."

The proposed project can reasonably be described as a "local-serving" business that would improve commercial destination proximity. In accordance with the OPR *Technical Advisory*, the project would satisfy the local-serving retail VMT screening criteria by virtue of the nature and size of the project (commercial use with less than 50,000 square feet of building floor area consisting of a local-serving use). Therefore, no quantitative VMT analysis or associated mitigation measures are required for transportation purposes, and the project can be presumed to have a less than significant impact on VMT.

5. Intersection Operations Analysis Methodology

This chapter describes the methods used to analyze the study intersections and to develop cumulative traffic forecasts.

5.1 Level of Service

Study intersections were analyzed using procedures and methodologies contained in the *Highway Capacity Manual 6th Edition* (Transportation Research Board, 2016). These methodologies were applied using the Synchro 11 software, which considers traffic volumes, lane configurations, signal timings, signal coordination, and other pertinent parameters of intersection operations.

Level of service (LOS) is a qualitative measure of traffic operating conditions whereby a letter grade, from A to F is assigned. These grades represent the perspective of drivers and are an indication of the comfort and convenience associated with driving. In general, LOS A represents free-flow conditions with no congestion, and LOS F represents severe congestion and delay under stop-and-go conditions. For signalized intersections and all way stop control intersections, LOS is based on the average delay experienced by all vehicles passing through the intersection. For side-street stop-controlled intersections, the delay and LOS for the overall intersection is reported along with the delay for the worst-case movement. **Table 2** displays the delay range associated with each LOS category for signalized and unsignalized intersections.

Table 2: Intersection Level of Service Criteria

LOS	Description (for Signalized Intersections)	Average Delay at Signalized Intersections (seconds/vehicle)	Average Delay at Unsignalized Intersections (seconds/vehicle)
A	Operations with very low delay occurring with favorable traffic signal progression and/or short cycle lengths.	< 10.0	< 10.0
B	Operations with low delay occurring with good progression and/or short cycle lengths.	> 10.0 to 20.0	> 10.0 to 15.0
C	Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.	> 20.0 to 35.0	> 15.0 to 25.0
D	Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, or high V/C ratios. Many vehicles stop and individual cycle failures are noticeable.	> 35.0 to 55.0	> 25.0 to 35.0
E	Operations with high delay values indicating poor progression, and long cycle lengths. Individual cycle failures are frequent occurrences. This is considered the limit of acceptable delay.	> 55.0 to 80.0	> 35.0 to 50.0
F	Operations with delays unacceptable to most drivers occurring due to over-saturation, poor progression, or very long cycle lengths.	> 80.0	> 50.0
Note: LOS = level of service; V/C ratio = volume-to-capacity ratio Source: Transportation Research Board, 2022			

LOS may no longer be used to identify significant transportation impacts in California Environmental Quality Act (CEQA) documents for land use projects. However, this analysis includes an LOS analysis to determine if the proposed project would result in deficient intersection operations per the City of Manteca standards. Policy C-P-2 of the 2023 General Plan strives for LOS D or better as discussed in Chapter 2.

5.2 Traffic Volume Forecasting

Baseline (2019) Traffic Forecasting Model

The Baseline Traffic Forecasting Model (TFM) developed for the Manteca General Plan Update was used to estimate the project's expected spatial trip distribution under Existing Plus Project conditions.

Interim Year (2040) Scenario Traffic Forecasting Model

The Interim Year 2040 Traffic Forecasting Model (TFM) was developed based on expected future land use and planned transportation network for the City of Manteca and adjacent areas in 2040. Like other cities in the Central Valley region, the City of Manteca is planning for a large amount of growth for both housing and employment in the General Plan Buildout scenario. The Interim Year 2040 model scenario

was developed in coordination with both Manteca and Lathrop city staff who provided land use growth projections they anticipate over the next 20 years. The TFM estimates traffic demand volumes based on this land use input. The City of Manteca 2040 land use inputs were developed based on the City of Manteca's approved and anticipated projects that are expected to be constructed and occupied by year 2040. The City of Lathrop 2040 land use inputs were developed based on the City's historic rate of growth in households and employment for the past 5 years (2016 to 2020). The location of the growth in Manteca and Lathrop was allocated across the cities where future growth is anticipated, including the area west of I-5 and south of the SR 120 corridor. Financially constrained transportation network improvements as identified by the Manteca General Plan Update, the City of Manteca Public Facilities Implementation Plan (PFIP), the City of Lathrop Specific Plan (2022), and the San Joaquin Council of Government (SJCOG) Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) Project List are included.

The Interim Year 2040 TFM scenarios were updated to reflect the project proposed access to the nearby street system. The traffic forecasting adjustment procedure known as the difference method was used to develop Interim Year (2040) AM and PM peak hour traffic forecasts. For a given intersection, this forecasting procedure is calculated as follows for every movement:

Interim Year Forecast =
Existing Volume + (Interim Year TFM Volume – Baseline TFM Volume)

This method corrects any potential anomalies within the base year model that could otherwise be replicated in future year model.

6. Existing Plus Project Conditions

This chapter presents analysis of the project trip characteristics and the results of intersection operations analysis under Existing Plus Project conditions.

6.1 Project Trip Generation

Because the project site consists of several complimentary uses that could result in internal trip-making, trip generation estimates were prepared using a combination of the *Trip Generation Manual, 11th Edition* (Institute of Transportation Engineers, 2021) and the Mixed-Use Trip Generation Model (MXD+), which was originally developed for the US EPA to estimate internal trip-making and external trips made by non-auto travel modes. The *Trip Generation Manual* was used to estimate the project's gross trips based on each individual land use; then, MXD+ was applied to estimate internal trips between on-site land uses. The internal trips are subtracted from the gross trip generation.

Because land uses such as gas stations and fast-food restaurants attract pass-by trips, pass-by trips are also considered in project trip generation. Pass-by trips represent drivers already travelling on the street adjacent to the project on (Airport Way and Lathrop Road) that decide to patronize the project site. Therefore, pass-by trips are not generated by the project but are existing vehicles on the roadway facility. The rates were calculated from the *Trip Generation Manual* Appendices (Institute of Transportation Engineers, 2021). AM peak hour pass-by rates were not available for the retail and high turn-over sit-down restaurant land use categories in the *Trip Generation Manual*, so the PM peak hour pass-by rates were applied to AM estimates as well. Additionally, due to relatively low existing volumes on Airport Way and Lathrop Road, pass-by percentages were capped at 15% of existing trips for the existing plus project scenario. Cumulative plus project conditions have much higher adjacent street traffic volumes, and thus it was unnecessary to cap pass-by trips.

Table 3 presents the estimated AM and PM peak hour vehicle trips created by the proposed project. Along with internal trips estimated by MXD+, these estimates also consider pass-by trips. While the project would generate substantial numbers of entering/exiting trips, more than 62% of those trips would be pass-by based on the nature of the land uses proposed.

Table 3: Project Trip Generation

Land Use Type (ITE Land Use Code)	Quantity	AM Peak Hour Trips[1]			PM Peak Hour Trips[1]		
		In	Out	Total	In	Out	Total
Convenience Store/ Gas Station (945)	16 FPs	128	128	257	147	147	294
Automated Car Wash (948)[2]	1 tunnel	0	0	0	0	0	0
Strip Retail Plaza (822)	5.7 KSF	8	5	14	19	19	38
Fast-Food Restaurant with Drive-Through (934)	2.5 KSF	57	55	112	43	40	83
High-Turnover (Sit-Down) Restaurant (932)	4.0 KSF	21	17	38	22	14	36
Gross Trips		214	206	420	231	220	451
Internal Trips[3]		-6	-6	-12	-8	-8	-16
Pass-by Trips[4]		-130	-130	-260	-142	-142	-284
New Vehicle Trips		78	70	148	81	70	151

Notes: FPs = Fueling Positions, KSF = thousand square feet

[1] Based on average trip rates in the *Trip Generation Manual, 11th Edition* (ITE, 2021).

[2] The car wash is part of the gas station/convenience market and not a standalone use that would draw its own clientele. To the extent it generates any trips, they are already reflected in the trip generation estimates for the gas station/convenience market category.

[3] Internalization based on output from MXD+: 2.0% in the AM peak hour, and 3.5% in the PM peak hour.

[4] Pass-by trip percentages are based on data from the *Trip Generation Manual, 11th Edition* (ITE, 2021). See discussion above about capping pass-by trips in the existing plus project scenario. In the AM peak hour, the existing plus project scenario results in an estimated 186 total pass-by trips for a total of 222 new trips. In the PM peak hour, an estimated 224 total pass-by trips results in 211 new trips.

Source: Fehr & Peers, 2022

6.2 Project Trip Distribution

Project trips were distributed throughout the study area based on existing directional patterns and output from the baseline travel demand model. **Table 4** displays the project's estimated trip distribution under existing conditions.

New trips were assigned to the project driveways based on the trip distribution percentages in Table 4. Pass-by project trips were assigned to driveways in accordance with the level of traffic on the adjacent street and ease of performing the pass-by movement (i.e., ease of turning right into the site versus left). It should be noted that U-turns are currently prohibited on all approaches to the Airport Way/Lathrop Road intersection.

Table 4: Project Trip Distribution

Trip Distribution Location	Percentage
Lathrop Road west of Airport Way	26%
Lathrop Road east of Airport Way	40%
Airport Way north of Lathrop Road	4%
Airport Way south of Lathrop Road	30%
Total	100%
Source: Fehr & Peers, 2022.	

6.3 Existing Plus Project Intersection Operations

Project trips were added to existing volumes to yield the existing plus project forecasts. The study intersection and driveways were then analyzed, with AM and PM peak hour intersection operations results shown in **Table 5**. Refer to **Appendix A** for the traffic forecasts, analyzed land configurations, and technical calculations. Improvements identified in the PFIP were not included in the Existing Plus Project analysis.

This table indicates with the addition of project traffic, the average vehicle delay at the Airport Way/Lathrop Road intersection would increase by 1.3 seconds/vehicle in the AM peak hour and by 1.2 seconds/vehicle in the PM peak hour and still operate acceptably at LOS C. All driveways would operate at LOS of A overall, with side-street movements operating at LOS B or C.

Table 5: Intersection Operations – Existing Plus Project Conditions

Intersection	Control Type	AM Peak Hour		PM Peak Hour	
		Delay[1]	LOS	Delay[1]	LOS
1. Airport Way/Lathrop Road	Signal	27.9	C	28.2	C
2. Airport Way/Driveway #1	SSSC	1.9 (15.1)	A (C)	1.9 (17.2)	A (C)
3. Driveway #2/ Lathrop Road	SSSC	0.5 (12.0)	A (B)	0.5 (14.3)	A (B)
4. Driveway #3/ Lathrop Road	SSSC	1.8 (17.7)	A (C)	1.6 (18.4)	A (C)

Notes: SSSC = Side-Street Stop Control; LOS = Level of Service. **Bold** indicates deficient operations.
[1] For signalized intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement. Intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).
Source: Fehr & Peers, 2022

7. Cumulative Conditions Analysis

This chapter presents the results of intersection operations analysis under cumulative conditions.

Intersection lane configurations, traffic controls, and roadway improvements identified in the City of Manteca PFIP were assumed to be constructed. This results in modifications at the following locations:

- Widening of Lathrop Road to four lanes between Manteca City Limit and London Avenue with a raised median
- Widening of Airport Way to four lanes between Daisywood Drive and Northgate Drive with a raised median
- Airport Way/Lathrop Road intersection expansion and signal modification
    - Additional northbound left lane and right lane, southbound left lane, and westbound right lane

7.1 Cumulative No Project Intersection Operations

Forecasts for the AM and PM peak hour turning movements and lane configurations at the Airport Way/Lathrop Road study intersection under Cumulative No Project conditions are shown in **Appendix A**. The following changes in traffic volume along the project frontages between existing and cumulative conditions are forecast:

- On Airport Way, bidirectional (northbound and southbound) traffic volumes are expected to increase by 85% in the AM peak hour (621 to 1,449 vehicles) and by 165% in the PM peak hour (848 to 2,243 vehicles)
- On Lathrop Road, bidirectional (eastbound and westbound) traffic volumes are expected to increase by 120% in the AM peak hour (945 to 2,083 vehicles) and by 110% in the PM peak hour (1,157 to 2,431 vehicles)

Table 6 displays the AM and PM peak hour intersection operations. Traffic forecasts, lane configurations, and technical calculations are displayed in **Appendix A**. With the lane configuration and signal improvements identified in the PFIP, the Airport Way/Lathrop Road intersection would operate acceptably at LOS C and D, respectively, during the AM and PM peak hours.

Table 6: Intersection Operations – Cumulative No Project Conditions

Intersection	Control Type	AM Peak Hour		PM Peak Hour	
		Delay[1]	LOS	Delay[1]	LOS
1. Airport Way/Lathrop Road[2]	Signal	30.0	C	40.6	D

Notes: LOS = Level of Service.
Bold indicates deficient operations.
[1] For signalized intersections, average intersection delay is reported in seconds per vehicle for all approaches (Transportation Research Board, 2016).
[2] Intersection lane configuration and/or traffic control are different from Existing Conditions due to planned intersection and roadway improvements, discussed above.
Source: Fehr & Peers, 2022

7.2 Cumulative Plus Project Intersection Operations

The Interim Year 2040 traffic forecasting model was also used to develop Cumulative Plus Project trip distribution and forecasts. The cumulative project trip distribution was determined to be nearly identical to the existing plus project trip distribution (seen in Table 4), with 70% of trips going to or coming from Airport Way to the south or Lathrop Road to the east. Due to the raised medians planned in the Manteca PFIP on Airport Way and Lathrop Road, under the Cumulative Plus Project conditions all project driveways are analyzed as right-in, right-out (RIRO) only.

Traffic generated by the proposed commercial uses would increase traffic volumes on local roadways, around the project area. Given that the existing and future land uses in the vicinity of the project area consist of residential, food, retail, service, and recreational uses, traffic generated by the project would not significantly change the traffic mix in the area and therefore be compatible with existing and planned facility design.

Intersection turning movement forecasts, lane configurations, and technical calculations for Cumulative Plus Project conditions are shown in **Appendix A**.

Table 7 presents the results of the Cumulative Plus Project intersection operations analysis under the conditions described above. The Airport Way/Lathrop Road intersection would continue to operate acceptably during both peak hours. However, due to the high traffic volume projected under cumulative conditions on Airport Way and Lathrop Road, the delays for vehicles exiting project driveways would be high, exceeding four minutes of delay per vehicle outbound of Driveway #3.

Table 7: Intersection Operations – Cumulative Plus Project Conditions

Intersection	Control Type	AM Peak Hour		PM Peak Hour	
		Delay[1] (seconds)	Level of Service	Delay[1] (seconds)	Level of Service
1. Airport Way/Lathrop Road[2]	Signal	49.9	D	47.6	D
2. Airport Way/Driveway #1	SSSC	1.0 (14.3)	A (B)	0.9 (15.9)	A (C)
3. Driveway #2/Lathrop Road	SSSC	0.3 (14.5)	A (B)	0.2 (15.4)	A (C)
4. Driveway #3/Lathrop Road	SSSC	0.2 (13.8)	A (B)	0.3 (14.8)	A (B)

Notes:
[1] Average signalized intersection delay is reported in seconds per vehicle for all approaches. Intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 7th Edition (Transportation Research Board, 2016).
[2] Intersection lane configuration and/or traffic control are different from Existing Conditions due to planned intersection and roadway improvements.
Source: Fehr & Peers, 2022

Under existing plus project conditions, Driveway #1 and Driveway #3 were assumed for analysis purposes to operate as a full-access driveway, with analysis of that condition demonstrating that acceptable operations could be maintained under existing conditions. Under cumulative conditions, medians along Airport Way and Lathrop Road will be constructed, prohibiting left turn movements out of the project driveways. Therefore, upon construction of the ultimate configuration of Airport Way and Lathrop Road, the following is recommended:

- To address the redistribution of traffic, provide adequate width in the receiving lanes on eastbound Lathrop Road and southbound Airport Way to allow eastbound and northbound U-turns to occur at the Lathrop Road/Airport Way intersection.

This recommendation is discussed in more detail in the following section.

8. Site Access and Internal Circulation Evaluation

This chapter includes a review of project access and internal circulation.

8.1 Project Driveways

As displayed in **Figure 2**, access to the proposed project would be provided by three driveways, one on Airport Way and two on Lathrop Road. The driveway on Airport Way (#1) would primarily serve traffic associated with the retail and restaurant pads. The western driveway on Lathrop Road (#2) would primarily serve traffic associated with the gas station, convenience store, and car wash, while the eastern driveway on Lathrop Road (#3) would primarily serve the drive-through fast-food restaurant.

Based on email exchanges with the architect, all turning movements were assumed for analysis purposes to be permitted at the driveway on Airport Way (#1) and the eastern driveway on Lathrop Road (#3), while the western driveway on Lathrop Road (#2) would be right-in/right out only (K12 Architects, August 27, 2022).

Left-turn ingress movements into Driveways #1 and #3 on Lathrop Road would have maximum queues of 3 or 4 vehicles (refer to **Appendix B** for technical calculations). Storage for those movements can be provided by the median lane or two-way left-turn lane (TWLTL) that are present on each roadway (see **Figure 6** for more details):

- The northbound left-turn lane on Airport Way approaching Lathrop Road is striped for approximately 335 feet of storage. To accommodate southbound left-turns into Driveway #1, the northbound left-turn lane length be reduced to 200 feet, with the 135 feet of distance that is modified becoming a southbound left-turn pocket into driveway #1. This configuration would operate acceptably under existing plus project conditions.
- To accommodate westbound left-turns into Driveway #3, the east/west TWLTL should be modified to include a 100-foot left-turn storage pocket. This configuration would operate acceptably under existing plus project conditions.

Based on the volume of projected traffic and the necessary transportation facilities to accommodate said traffic, the following COA is recommended:

- **Traffic COA #1** – The developer shall modify (at their own expense) the medians of Airport Way and Lathrop Road along the project frontages to enable all movements to be permitted at Driveways 1 and 3 and movements at Driveway 2 to be restricted to right-turns only.

It is important that driveways be designed with adequate storage to accommodate outbound project trips. An inadequate driveway throat depth could block the flow of inbound traffic, thereby causing vehicles to spillback onto public streets, which can have adverse operational and safety consequences. **Table 8** shows the available storage and maximum vehicle queue expected for the outbound movements at each project driveway under existing plus project PM peak hour conditions (refer to **Appendix B** for technical calculations).

Table 8: Outbound Driveway Throat Depth Requirements

Driveway	Movement	Available Storage[1]	Maximum Vehicle Queue [2] – Weekday PM Peak Hour (Existing Plus Project Conditions)
Driveway 1 (Airport Way)	Outbound Left/Right	40 feet	**100 feet, 4 vehicles**
Driveway 2 (Lathrop Road)	Outbound Right	50 feet	**75 feet, 3 vehicles**
Driveway 3 (Lathrop Road)	Outbound Left/Right	75 feet	**100 feet, 4 vehicles**

Notes: **Bold** represents a maximum queue that exceeds the available storage.
1. Per project site plan.
2. Estimated using methodology described in *Estimation of Maximum Queue Lengths at Unsignalized Intersections* (ITE Journal, 2001).

Source: Fehr & Peers, 2022.

As the table shows, the maximum queue at all driveways would exceed the available storage. Expected outbound queuing conditions and any recommendations are discussed in more detail at each driveway below:

- Driveway #1 – Perpendicular parking begins on each side of this street about 35 feet within the site. In addition to queuing caused by vehicles waiting to exit onto Airport Way, additional queuing could occur as vehicles wait in the driveway to enter/exit parking stalls. To address this undesired condition, it is recommended that the most westerly 3 spaces on the north side and 4 spaces on the south side be removed. This will provide storage for about 3 outbound vehicles. While less than the 100-foot expected queue, this would significantly lessen the chances of inbound traffic being blocked and spilling onto Airport Way.
- Driveway #2 – Although the available storage is 25 feet less than the maximum queue, no modifications to this driveway are recommended. This is because of the driveway's considerable width and no nearby parking drive aisles from which queues could occur. There is ample space within the project site for inbound traffic to navigate around waiting outbound vehicles.
- Driveway #3 – No modifications are recommended at this driveway given the configuration of the first internal intersection. However, stop signs are recommended to be placed on the northbound and eastbound approaches to the first internal intersection near this driveway (with inbound movements provided priority right-of-way). This will ensure that if a queue of 4 vehicles arrives, that 4th vehicle will be waiting at the stop sign versus blocking the intersection.

Based on the assessment above, the site plan should be modified as follows (see **Figure** 6 for graphical representation):

- At driveway #1, remove the 3 most westerly parking spaces on north side and 4 most westerly parking spaces on the south side.
- At the first internal intersection of driveway #3, add stop signs on the northbound and eastbound approaches.

8.2 Bicycle and Pedestrian Access

The site plan shows the reconfiguration of the south and east leg crosswalks of the Airport Way/Lathrop Road intersection, as well as the addition of curb ramps to the northwest corner of the project site.

Sidewalks are currently not present on the project frontage. The site plan shows a 7.5-foot-wide sidewalk on the south side of Lathrop Road and a 9.5-foot-wide sidewalk on the east side of Airport Way along the project frontage. The site plan also shows three walking paths that connect between the sidewalks and the proposed fast-food restaurant, convenience store, and retail building. The provision of a separate pedestrian circulation system is consistent with the standards in Manteca Municipal Code section 17.52.090.

The ten bicycle parking spaces on the site plan are generally provided in accessible locations and meet the requirements in the Manteca Municipal Code section 17.52.110 for bicycle parking to "be located on a paved surface, in proximity to a building entrance, and in a visibly secure location adjacent to the building."

There are no existing bike lanes on Airport Way or Lathrop Road. Based on characteristics of the proposed project and its surrounding environment, the following improvements to project-serving pedestrian and bicycle facilities are recommended:

- As identified in the City of Manteca ATP, construct a Class II bike lane along the project frontage on the south side of Lathrop Road.
- As identified in the City of Manteca ATP, construct a buffer to the Class II bike lane along the project frontage on Airport Way.
- Design project driveways to minimize potential vehicle conflict with pedestrians and bicyclists by enhancing visibility through markings (e.g., dashed green paint in bike lane conflict zones) and signage (e.g., "Watch for Pedestrians"). The design of the driveway shall be reviewed and approved by the Director of Engineering.

Based on the location of the future active transportation facilities, the following condition of approval is recommended:

- **Traffic COA #2** – The developer shall reconfigure the south and east leg crosswalks of the Airport Way/Lathrop Road intersection and add ADA-compliant curb ramps to the southwest, southeast, and northeast quadrants of intersection.

8.3 Internal Circulation

Parking Lot Circulation

The proposed project parking lot meets Manteca Municipal Code Parking and Driveway Design and Development Standards (17.52.090) related to curb cuts, drive aisle widths, and stall sizes, as listed in Chapter 7. Drive aisles in the proposed project parking lot are between 28 and 32 feet wide, while parking stalls are at least 18 feet long by 9 feet wide for typical spaces, and at least 16 feet long by 8 feet wide.

K12 Architects conducted a truck swept path analysis, shown in **Figure 5**. As the figure shows, an AC-65 Tandem Truck design vehicle would be able to successfully maneuver by taking a right at driveway #2 and exiting via driveway #1.

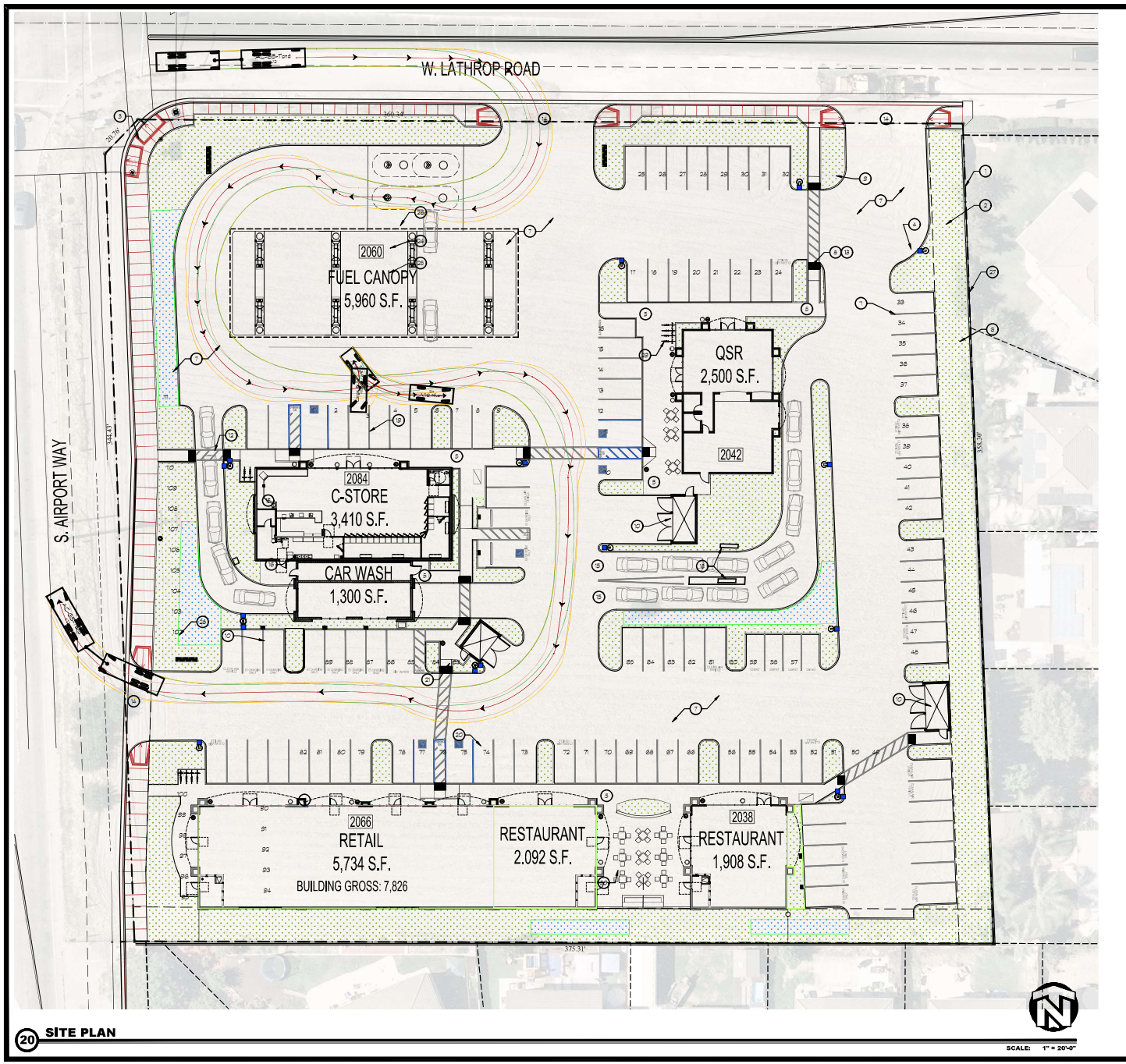
Car Wash Vehicle Stacking

Field observations conducted at car washes partnered with gas stations in the Sacramento region documented maximum queues between two to three vehicles at these facilities. The site plan shows over 100 feet of stacking space for the car wash, which exceeds the City requirement of 60 feet (Manteca Municipal Code Section 17.74.040A) and should accommodate car wash customers based on observations of similar facilities.

Fast-Food Restaurant Vehicle Stacking

Field observations made at a Burger King in Lathrop and a Taco Bell in Manteca during the "lunch rush" (11:30 AM to 1:30 PM) in September 2022, the busiest period for similar fast-food restaurants, showed a maximum queue length of 11 vehicles, or 275 feet, of queue length. The site plan shows approximately 275 feet of stacking space between the two drive-through aisles, which exceeds the City requirement of 180 feet. Therefore, the provided queuing area is adequate, and no modifications are recommended.

Figure 5



SITE PLAN KEYNOTES

1. PROPERTY LINE
2. SETBACK
3. MONUMENT SIGN. BY OWNER
4. 6" HIGH CONCRETE CURB.
5. CONCRETE WALK.
6. LANDSCAPING, SEE LANDSCAPING DRAWINGS.
7. A/C PAVING.
8. ACCESSIBLE CURB RAMP
9. SITE YARD LIGHT. WITH CONCRETE BASE SHALL HAVE A DRY BACK FINISH. TYPICAL.
10. TRASH ENCLOSURE AND CONC. APPROACH APRON
11. 4" WIDE PAINT STRIPING, WHITE, UNLESS NOTED OTHERWISE
12. 4" WIDE PAINT STRIPING, WHITE, AT 3'-0" O.C. TYP.
13. DETECTABLE WARNING SURFACE
14. NEW DRIVEWAY - SEE CML DWGS
15. VEHICLE STACKING
16. PAY STATION
17. ESCAPE LANE/ TURN AROUND
18. DRIVE THROUGH PAY STATION
19. VAN ACCESSIBLE PARKING STALL
20. ACCESSIBLE PARKING STALL
21. ACCESSIBLE ELECTRIC VEHICLE CHARGING STATION
22. ACCESSIBLE POLE MOUNTED SITE SIGN
23. ACCESSIBLE POLE MOUNTED P.O.T. DIRECTIONAL SIGN
24. MULTI-PRODUCT FUEL DISPENSER
25. CANOPY COLUMN
26. DASHED LINE OF CANOPY ABOVE
27. CMU WALL
28. ACCESSIBLE VACUUM STATION
29. CLASS II RACK. INSTALL PER MFR. SPECIFICATIONS
30. EXTERIOR FURNITURE BY OWNER

SITE LEGEND

- AC OR CONCRETE PAVING
- LANDSCAPE. SEE LANDSCAPE DRAWINGS
- BIO-RETENTION POND. SEE CML AND LANDSCAPING DRAWINGS
- 2066 BUILDING ADDRESS

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REVISIONS

PROFESSIONAL SEALS

LICENSED ARCHITECT — C-14729 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

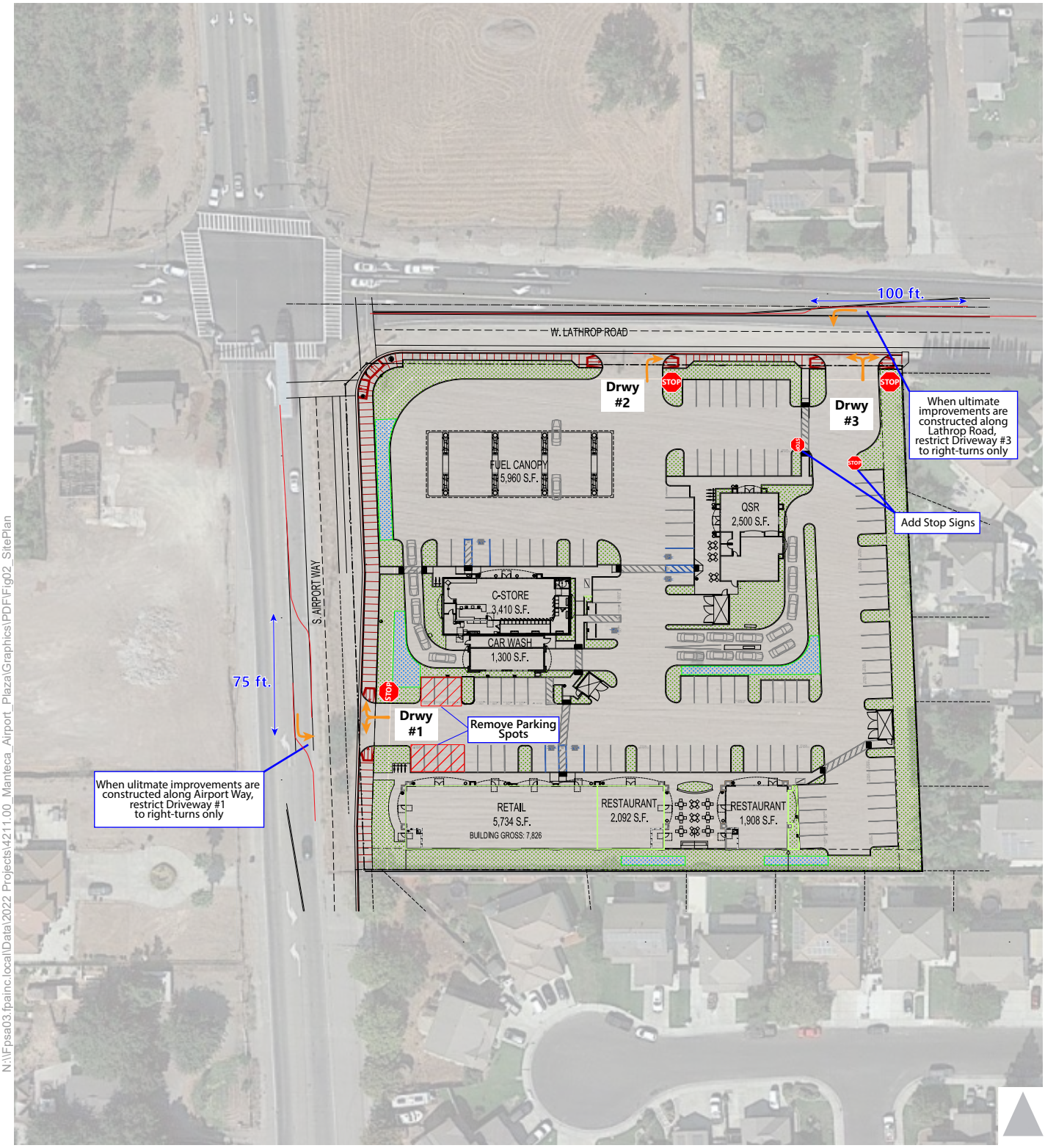
PROJECT NUMBER: 20-004 | PROJECT DATE: 07-12-2021

SHEET CONTENTS

TRUCK PATH SITE PLAN

SHEET NUMBER

A106



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Permitted Turning Movements

Proposed Lane Markings

Figure 6

Recommendations

9. Conclusions

This chapter presents the conclusions of the transportation impact analysis for the proposed Airport Plaza Project in the City of Manteca.

9.1 Vehicle Miles Traveled Screening Analysis

In accordance with the OPR *Technical Advisory*, the project would satisfy the local-serving retail VMT screening criteria by virtue of the nature and size of the project. The project can reasonably be described as a "local-serving" business that would improve commercial destination proximity. Therefore, no quantitative VMT analysis or associated mitigation measures are required for transportation purposes, and the project can be presumed to have a less than significant impact on VMT.

9.2 Intersection Operations Analysis

Results of the intersection operations analysis indicate that the Airport Way/Lathrop Road intersection currently operates acceptably during both the AM and PM peak hours, which would remain unchanged by the addition of project trips.

Under Cumulative No Project conditions, with improvements identified in the PFIP, the Airport Way/Lathrop Road intersection would still operate acceptably during both the AM and PM peak hours. Under Cumulative Plus Project conditions, the Airport Way/Yosemite Avenue and Airport Way/Lathrop Road intersections would still operate acceptably during the PM peak hour.

9.3 Recommended Conditions of Approval

The following conditions should be incorporated into the Conditions of Approval for the proposed Project:

- **Traffic COA #1** – The developer shall modify (at their own expense) the medians of Airport Way and Lathrop Road along the project frontages to enable all movements to be permitted at Driveways 1 and 3 and movements at Driveway 2 to be restricted to right-turns only.
- **Traffic COA #2** – The developer shall reconfigure the south and east leg crosswalks of the Airport Way/Lathrop Road intersection and add ADA-compliant curb ramps to the southwest, southeast, and northeast quadrants of intersection.

In addition, the following modifications to the project are recommended:

- To accommodate southbound left-turns into driveway #1, reduce the northbound left-turn lane length at the Airport Way/Lathrop Road intersection to be 200 feet, with the 135 feet of distance that is modified becoming a southbound left-turn lane into driveway #1.
- At driveway #1, remove the most westerly 3 spaces on north side and 4 spaces on the south side to provide storage for approximately 3 outbound vehicles.

- At the first internal intersection near driveway #3, place stop signs on the northbound and eastbound approaches.
- At driveway #1 and driveway #3, all movements should be permitted until such time that the ultimate improvements are constructed along Airport Way and Lathrop Road. With ultimate widening, movements at all driveways would need to be restricted to right-turns only.

Appendix E

Special-Status Species Potential to Occur

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Amphibians				
Ambystoma californiense pop. 1	California tiger salamander - central California DPS	FT/ST, WL	Annual grassland, valley–foothill hardwood, and valley–foothill riparian habitats; vernal pools, other ephemeral pools, and (uncommonly) along stream courses and man-made pools if predatory fishes are absent	Not expected to occur. No suitable vegetation or pools present. The nearest documented occurrence is approximately 3 miles south of the project site, a historic record from 1996 (Occ. No. 290; CDFW 2022).
Rana boylii pop. 4	foothill yellow-legged frog - central coast DPS	FPT/SE	Rocky streams and rivers with open banks in forest, chaparral, and woodland	Not expected to occur. No suitable vegetation or streams present. The project site is outside of the expected range for this species and there are no documented occurrences within 5 miles of the project site (CDFW 2022).
Rana draytonii	California red-legged frog	FT/SSC	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	Not expected to occur. No suitable vegetation or aquatic habitats present. The project site is outside of the expected range for this species and there are no documented occurrences within 5 miles of the project site (CDFW 2022).
Spea hammondii	western spadefoot	None/SSC	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley–foothill woodlands, pastures, and other agriculture	Not expected to occur. No suitable vegetation or aquatic habitats present. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Birds				
Agelaius tricolor (nesting colony)	tricolored blackbird	BCC/SSC, ST	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberrry; forages in grasslands, woodland, and agriculture	Not expected to nest; low potential to forage. No suitable nesting habitat present. Low quality disturbed grassland foraging habitat present. The nearest documented occurrence is approximately 1.6 miles southwest of the project site, a historical record from 1974 (Occ. No. 95; CDFW 2022).

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Athene cunicularia (burrow sites & some wintering sites)	burrowing owl	BCC/SSC	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Low potential to nest; moderate potential to overwinter and forage. Burrow sites may be present, but seasonal growth of vegetation may reduce quality of foraging habitat. The nearest documented occurrence is 0.25 miles west of the project site from 1997 (Occ. No. 265; CDFW 2022); there are more recently documented breeding occurrences 0.5 miles west of the project site at Sharpe Depot from 2016 (Occ. No. 342; CDFW 2022).
Branta hutchinsii leucopareia (wintering)	cackling (=Aleutian Canada) goose	FPD/WL	Winters in lacustrine, fresh emergent wetlands, and moist grasslands, croplands, pastures, and meadows	Not expected to nest; low potential to forage. Low quality disturbed grassland foraging habitat present. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Buteo swainsoni (nesting)	Swainson's hawk	None/ST	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	Not expected to nest; moderate potential to forage. No appropriate nesting trees. Low quality disturbed grassland foraging habitat present. Six documented nesting occurrences are recorded approximately 2 miles from the project site to the northwest, southwest, and east of the project site, with dates ranging from 1998 to 2012 (Occ. Nos. 697, 1655, 2389, 2391, 2403, 2404; CDFW 2022).
Coccyzus americanus occidentalis (nesting)	western yellow-billed cuckoo	FT/SE	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to nest or forage. No riparian habitats present. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Elanus leucurus (nesting)	white-tailed kite	None/FP	Nests in woodland, riparian, and individual trees near open lands; forages opportunistically in grassland, meadows,	Not expected to nest; moderate potential to forage. No appropriate nesting trees. Low quality disturbed grassland foraging habitat present. There are no documented

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
			scrubs, agriculture, emergent wetland, savanna, and disturbed lands	occurrences within 5 miles of the project site (CDFW 2022).
Lanius ludovicianus (nesting)	loggerhead shrike	None/SSC	Nests and forages in open habitats with scattered shrubs, trees, or other perches	Low potential to nest or forage. Low quality disturbed grassland foraging habitat present but surrounding development limits open areas. The nearest documented occurrence is 2.7 miles southwest of the project site (Occ. No. 112; CDFW 2022).
Laterallus jamaicensis coturniculus	California black rail	None/FP, ST	Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations	Not expected to nest or forage. No aquatic habitats present. The project site is outside of the expected range for this species and there are no documented occurrences within 5 miles of the project site (CDFW 2022).
Melospiza melodia ("Modesto" population)	song sparrow ("Modesto" population)	None/SSC	Nests and forages in emergent freshwater marsh, riparian forest, vegetated irrigation canals and levees, and newly planted valley oak (Quercus lobata) restoration sites	Not expected to nest or forage. No suitable vegetation present. The nearest documented occurrence is 2.6 miles west of the project site (Occ. No. 2; CDFW 2022).
Vireo bellii pusillus (nesting)	least Bell's vireo	FE/SE	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	Not expected to nest or forage. No suitable vegetation present. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Xanthocephalus xanthocephalus (nesting)	yellow-headed blackbird	None/SSC	Nests in marshes with tall emergent vegetation, often along borders of lakes and ponds; forages in emergent wetlands, open areas, croplands, and muddy shores of lacustrine habitat	Not expected to nest; low potential to forage. No suitable vegetation present for nesting. Low quality disturbed grassland foraging habitat present and is within 5 miles of wetland habitats that may provide roosting habitat. The nearest documented occurrence is 0.8 miles southwest of the project site, a historical record from 1894 (Occ. No. 5; CDFW 2022).
Fishes				

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Acipenser medirostris pop. 1	green sturgeon - southern DPS	FT/None	Spawns in deep pools in large, turbulent, freshwater rivers; adults live in oceanic waters, bays, and estuaries	Not expected to occur. No suitable aquatic habitat present.
Hypomesus transpacificus	Delta smelt	FT/SE	Sacramento–San Joaquin Delta; seasonally in Suisun Bay, Carquinez Strait, and San Pablo Bay	Not expected to occur. No suitable aquatic habitat present.
Mylopharodon conocephalus	hardhead	None/SSC	Low- to mid-elevation streams in the Sacramento–San Joaquin drainage; also present in the Russian River	Not expected to occur. No suitable aquatic habitat present.
Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	FT/None	Coastal basins from Redwood Creek south to the Gualala River, inclusive; does not include summer-run steelhead	Not expected to occur. No suitable aquatic habitat present.
Spirinchus thaleichthys	longfin smelt	FC/ST	Aquatic, estuary	Not expected to occur. No suitable aquatic habitat present.
Invertebrates				
Branchinecta conservatio	Conservancy fairy shrimp	FE/None	Larger, more turbid vernal pools, playa pools	Not expected to occur. No vernal pools present, and site has been previously disturbed from historical agricultural uses. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Branchinecta lynchi	vernal pool fairy shrimp	FT/None	Vernal pools, seasonally ponded areas within vernal swales, and ephemeral freshwater habitats	Not expected to occur. No vernal pools present and site has been previously disturbed from historical agricultural uses. There are no documented occurrences within 5 miles of the project site (CDFW 2022).

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Danaus plexippus pop. 1	monarch	FC/None	Wind-protected tree groves with nectar sources and nearby water sources	Not expected to occur. No sheltering tree groves or water sources. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Desmocerus californicus dimorphus	valley elderberry longhorn beetle	FT/None	Occurs only in the Central Valley of California, in association with blue elderberry (Sambucus nigra ssp. caerulea)	Not expected to occur. No elderberry present on the project site. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Lepidurus packardi	vernal pool tadpole shrimp	FE/None	Ephemeral freshwater habitats including alkaline pools, clay flats, vernal lakes, vernal pools, and vernal swales	Not expected to occur. No vernal pools present and site has been previously disturbed from historical agricultural uses. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Mammals				
Antrozous pallidus	pallid bat	None/SSC	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	Not expected to occur. Although some low quality grassland foraging habitat is present, the site is highly disturbed and lacks high-quality roosting habitat. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Corynorhinus townsendii	Townsend's big-eared bat	None/SSC	Mesic habitats characterized by coniferous and deciduous forests and riparian habitat, but also xeric areas; roosts in limestone caves and lava tubes, man-made structures, and tunnels	Not expected to occur. Although some low quality grassland foraging habitat is present, the site is highly disturbed and lacks high-quality roosting habitat. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Eumops perotis californicus	western mastiff bat	None/SSC	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	Not expected to occur. Although some low quality grassland foraging habitat is present, the site is highly disturbed and lacks roosting habitat. There are no documented occurrences within 5 miles of the project site (CDFW 2022).

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Neotoma fuscipes riparia	riparian (=San Joaquin Valley) woodrat	FE/SSC	Dense riparian forest; willow thickets with an oak overstory	Not expected to occur. No riparian habitats present. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Sylvilagus bachmani riparius	riparian brush rabbit	FE/SE	Dense thickets of wild rose, willows, and blackberries growing along the banks of San Joaquin and Stanislaus Rivers	Not expected to occur. No riparian habitats present. The nearest documented occurrence is approximately 3 miles west of the project site (Occ. No. 10; CDFW 2022).
Taxidea taxus	American badger	None/SSC	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Not expected to occur. Low quality grassland habitat is present but site is highly disturbed and surrounding area is urbanized. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Vulpes macrotis mutica	San Joaquin kit fox	FE/ST	Grasslands and scrublands, including those that have been modified; oak woodland, alkali sink scrubland, vernal pool, and alkali meadow	Not expected to occur. Low quality grassland habitat is present but site is highly disturbed and surrounding area is urbanized. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Reptiles				
Arizona elegans occidentalis	California glossy snake	None/SSC	Arid scrub, rocky washes, grasslands, chaparral, open areas with loose soil	Not expected to occur. Low quality grassland habitat is present but site is highly disturbed and surrounding area is urbanized with little to no open areas. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Emys marmorata	western pond turtle	None/SSC	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	Not expected to occur. No suitable aquatic habitat present. There are no documented occurrences within 5 miles of the project site (Occ. No. 288; CDFW 2022).

Scientific Name	Common Name	Status (Federal/State)	Habitat	Potential to Occur
Masticophis flagellum ruddocki	San Joaquin whipsnake	None/SSC	Open, dry, treeless areas including grassland and saltbush scrub	Not expected to occur. Low quality grassland habitat is present but site is highly disturbed and surrounding area is urbanized with little to no open areas. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Phrynosoma blainvillii	Blainville's horned lizard	None/SSC	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats	Not expected to occur. Low quality grassland habitat is present but site lacks open soil and is highly disturbed. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Thamnophis gigas	giant garter snake	FT/ST	Freshwater marsh habitat and low-gradient streams; also uses canals and irrigation ditches	Not expected to occur. No suitable aquatic habitat present. There are no documented occurrences within 5 miles of the project site (CDFW 2022).

References:
CDFW. 2022. Califonia Natural Diversity Database (CNDDB) Rarefind. CDFW, Biogeographic Data Branch. Accessed December 2022. https://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp

Scientific Name	Common Name	Status (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Amsinckia grandiflora	large-flowered fiddleneck	FE/SE/1B.1	Cismontane woodland, Valley and foothill grassland/annual herb/(Mar)Apr–May/885–1,800	Not expected to occur. The project site is outside of the species' known elevation range and there are no documented occurrences within 5 miles of the project site (CDFW 2022).
Astragalus tener var. *tener*	alkali milk-vetch	None/None/1B.2	Playas, Valley and foothill grassland, Vernal pools; Alkaline/annual herb/Mar–June/5–195	Not expected to occur. Low quality grassland with mildly alkaline soils present but site is highly disturbed and surrounded by urbanization. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Atriplex cordulata var. *cordulata*	heartscale	None/None/1B.2	Chenopod scrub, Meadows and seeps, Valley and foothill grassland; Alkaline (sometimes)/annual herb/Apr–Oct/0–1,835	Not expected to occur. Low quality grassland with mildly alkaline soils present but site is highly disturbed and surrounded by urbanization. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Atriplex minuscula	lesser saltscale	None/None/1B.1	Chenopod scrub, Playas, Valley and foothill grassland; Alkaline, Sandy/annual herb/May–Oct/50–655	Not expected to occur. Low quality grassland with mildly alkaline, sandy soils present but site is highly disturbed and surrounded by urbanization. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Blepharizonia plumosa	big tarplant	None/None/1B.1	Valley and foothill grassland; Clay (usually)/annual herb/July–Oct/100–1,655	Not expected to occur. The project site is outside of the species' known elevation range and lacks clay soils. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Brasenia schreberi	watershield	None/None/2B.3	Marshes and swamps/perennial rhizomatous herb (aquatic)/June–Sep/0–7,215	Not expected to occur. No aquatic habitats present to support this species. There are no documented occurrences within 5 miles of the project site (CDFW 2022).

Scientific Name	Common Name	Status (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Carex comosa	bristly sedge	None/None/2B.1	Coastal prairie, Marshes and swamps, Valley and foothill grassland/perennial rhizomatous herb/May–Sep/0–2,050	Not expected to occur. No aquatic habitats present to support this species. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Chloropyron palmatum	palmate-bracted bird's-beak	FE/SE/1B.1	Chenopod scrub, Valley and foothill grassland; Alkaline/annual herb (hemiparasitic)/May–Oct/15–510	Not expected to occur. Low quality grassland with mildly alkaline soils present but site is highly disturbed and surrounded by urbanization. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Cirsium crassicaule	slough thistle	None/None/1B.1	Chenopod scrub, Marshes and swamps, Riparian scrub/annual/perennial herb/May–Aug/10–330	Not expected to occur. No aquatic habitats present to support this species. The nearest documented occurrence is 2.8 miles west of the project site, a historical record from 1974 (Occ. No. 2; CDFW 2022).
Delphinium recurvatum	recurved larkspur	None/None/1B.2	Chenopod scrub, Cismontane woodland, Valley and foothill grassland; Alkaline/perennial herb/Mar–June/10–2,590	Not expected to occur. Low quality grassland with mildly alkaline soils present but site is highly disturbed and surrounded by urbanization. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Eryngium racemosum	Delta button-celery	None/SE/1B.1	Riparian scrub/annual/perennial herb/(May)June–Oct/10–100	Not expected to occur. No aquatic habitats present to support this species. The nearest documented occurrence is 2.7 miles southwest of the project site, a historical record from 1984 now believed to be extirpated (Occ. No. 3; CDFW 2022).
Eschscholzia rhombipetala	diamond-petaled California poppy	None/None/1B.1	Valley and foothill grassland/annual herb/Mar–Apr/0–3,195	Not expected to occur. Low quality grassland with mildly alkaline soils present but site is highly disturbed and surrounded by urbanization. There are no documented occurrences within 5 miles of the project site (CDFW 2022).

Scientific Name	Common Name	Status (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Extriplex joaquinana	San Joaquin spearscale	None/None/1B.2	Chenopod scrub, Meadows and seeps, Playas, Valley and foothill grassland; Alkaline/annual herb/Apr–Oct/5–2,735	Not expected to occur. Low quality grassland with mildly alkaline soils present but site is highly disturbed and surrounded by urbanization. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Hibiscus lasiocarpos var. occidentalis	woolly rose-mallow	None/None/1B.2	Marshes and swamps/perennial rhizomatous herb (emergent)/June–Sep/0–395	Not expected to occur. No aquatic habitat present to support this species. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Lasthenia chrysantha	alkali-sink goldfields	None/None/1B.1	Vernal pools; Alkaline/annual herb/Feb–Apr/0–655	Not expected to occur. No vernal pool habitat present to support this species. There are no documented occurrences within 5 miles of the project site (CDFW 2022).
Lathyrus jepsonii var. jepsonii	Delta tule pea	None/None/1B.2	Marshes and swamps/perennial herb/May–July(Aug–Sep)/0–15	Not expected to occur. No aquatic habitat present to support this species. There are no documented occurrences within 5 miles of the project site (CDFW 2022).

References:

CDFW (California Department of Fish and Wildlife). 2022. Califonia Natural Diversity Database (CNDDB) Rarefind. CDFW, Biogeographic Data Branch. Accessed December 2022. https://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp

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Appendix F
Noise

DUDEK

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MEMORANDUM

To:	Paul Kamboj, Two Guys Food and Fuel
From:	Jonathan Leech, Dudek
Subject:	Noise Assessment for the Airport Plaza Retail Center Project
Date:	January 12, 2023
Attachments:	A – Ambient Noise Measurement Data
	B – Construction Noise Modeling Files
	C – On-Site Operational Noise Modeling Files
	D – Off-Site Traffic Noise Modeling Files

1 Introduction

1.1 Purpose

Consistent with the approved scope of work, this concise technical memorandum prepared for the Airport Plaza Retail Center (Project) proposed to be located at 2060 West Lathrop Road in the City of Manteca (City) includes as follows:

- Summarized measurement results from an outdoor ambient sound pressure level (SPL) survey in the vicinity of the Project.
- A summary of modeled noise levels from construction of the Project, at the residential receptors in the immediate Project vicinity, as compared to ambient noise levels and recommended FTA limits.
- A presentation of predicted aggregate noise levels at nearby existing residential receptors attributed to operation of the proposed facility, as compared to ambient noise levels and applicable local noise regulations.
- A summary of project-related traffic noise increases along roadways to which the project would contribute trips, as compared to commonly applied thresholds.
- A summary of calculated vibration levels from construction of the Project, at the residential receptors in the immediate vicinity of the Project, as compared to applicable standards.

In summary, and based on Project design information to date, Dudek has determined that operational noise from the proposed Project as depicted on the Project site plan (K12 Architects, April 4, 2022) would be in compliance with local regulations at the closest adjacent residences, while Project-related increases in off-site traffic noise levels would not be significant (remaining less than a noticeable change in the ambient noise environment). In addition, construction of the Project would generate noise and vibration levels that would be less than significant.

1.2 Project Setting

The Airport Plaza Retail Center Project is proposed to be developed on a currently vacant parcel of approximately three acres at the southeast corner of the Airport Way and Lathrop Road Intersection. Figure 1 at the end of the report provides

the Regional and Local Setting of the Project site. An existing single-family residential neighborhood is immediately adjacent to the east and south property boundaries for the Project site; residences in this neighborhood are located as close as approximately 20 feet from the Project site boundary, and an approximately 8-foot high continuous cinder block wall exists along the Project site boundary separating the existing residences from the Project site. Larger lot single family residences exist to the west of the Project site, across Airport way, and to the north of the Project site, across Lathrop Road. To the northwest of the project site, an orchard occupies the land at the northwest quadrant of the Airport Way and Lathrop Road intersection.

The proposed project would consist of a 3,410-square-foot convenience store, a 2,500-square-foot quick-service restaurant, two sit-down restaurants (2,092 square feet and 1,908 square feet), a gas station with 16 fueling positions, a 5,734-square-foot retail building, and a drive-through car wash. Figure 2 at the end of the report illustrates the Site Plan for the proposed facility. Figure 3 illustrates the location of short-term measurements conducted adjacent to vicinity residences to establish the existing ambient noise levels exterior to the residences.

1.3 Acoustical Fundamentals

Although the terms may be used interchangeably in the right context, "sound" is defined as any gas or fluid pressure variation detected by the human ear, and "noise" is unwanted sound. The preferred unit for measuring sound is the decibel (dB), which by way of expressing the ratio of sound pressures to a reference value logarithmically enables a wide range of audible sound to be evaluated and discussed conveniently. On the low end of this range, zero dB is not the absence of sound energy, but instead corresponds approximately to the threshold of average healthy human hearing; and, on the upper end, 120–140 dB corresponds to an average person's threshold of pain.

The human ear is not equally responsive to all frequencies of the audible sound spectrum. An electronic filter is normally used when taking noise measurements that de-emphasizes certain frequencies in a manner that mimics the human ear's response to sound; this method is referred to as A-weighting. Sound levels expressed under the A-weighted system are sometimes designated dBA. All sound levels discussed in this report are A-weighted.

The equivalent continuous sound level (L_{eq}) is a single dB value which, if held constant during the specified time period, would represent the same total acoustical energy of a fluctuating noise level over that same time period; this is also known as the "average" sound level. L_{eq} values are commonly expressed for periods of one hour, but longer or shorter time periods may be specified. Another descriptor is maximum sound level (L_{max}), which is the greatest sound level measured during a designated time interval or event. The minimum sound level (L_{min}) is the lowest measured level and often called the floor of a measurement period.

Unlike the L_{eq}, L_{max}, and L_{min} metrics, L_{dn} and CNEL descriptors always represent 24-hour periods and differ from a 24-hour L_{eq} value because they apply a time-weighted factor designed to emphasize noise events that occur during the non-daytime hours (when speech and sleep disturbance is of more concern). *Time weighted* refers to the fact that L_{dn} and CNEL penalize noise that occurs during certain sensitive periods. In the case of CNEL, noise occurring during the daytime (7:00 a.m. to 7:00 p.m.) receives no penalty. Noise during the evening (7:00 p.m. to 10:00 p.m.) is penalized by adding 5 dB to the actual levels, and nighttime (10:00 p.m. to 7:00 a.m.) noise is penalized by adding 10 dB to the actual levels. L_{dn} differs from CNEL in that the daytime period is longer (defined instead as 7:00 a.m. to 10:00 p.m.), thus eliminating the dB adjustment for the evening period. L_{dn} and CNEL are the predominant criteria used to measure roadway noise affecting residential receptors. These two metrics generally differ from one another by no more than 0.5–1 dB and are often considered or actually defined as being essentially equivalent by many jurisdictions.

1.3.1 Exterior Noise Attenuation

Noise sources are classified in two forms: (1) point sources, such as stationary equipment or a group of construction vehicles and equipment working within a spatially limited area at a given time; and (2) line sources, such as a roadway with a large number of pass-by sources (motor vehicles). Sound generated by a point source typically diminishes (attenuates) at a rate of 6.0 dBA for each doubling of distance from the source to the receptor at acoustically "hard" sites and at a rate of 7.5 dBA for each doubling of distance from source to receptor at acoustically "soft" sites (Caltrans 2009). Sound generated by a line source (i.e., a roadway) typically attenuates at a rate of 3 dBA and 4.5 dBA per doubling distance, for hard and soft sites, respectively (Caltrans 2009). Sound levels can also be attenuated by human-made or natural barriers. For the purpose of a sound attenuation discussion, a hard or reflective site does not provide any excess ground-effect attenuation and is characteristic of asphalt or concrete ground surfaces, as well as very hard-packed soils. An acoustically soft or absorptive site is characteristic of unpaved loose soil or vegetated ground.

With respect to examples of this distance-attenuation relationship for exterior noise, a 62-dBA noise level measured at 50 feet from a vehicle vacuum station within a paved site would diminish to 56 dBA at 100 feet from the source, and to 50 dBA at 200 feet from the source. This scenario is addressed by the point source attenuation for a hard site (6 dBA with each doubling of the distance). For the scenario where soft-site conditions exist between the point source and receptor, represented by open ground between Project site and receiver, an attenuation rate of 7.5 dBA per doubling of distance would apply; the vacuum noise measured as a 62 dBA at 50 feet would diminish to 54.5 dBA at 100 feet from the source and to 47 dBA at 200 feet from the source, where soft ground with or without vegetation exists between the sound source and the receptor location.

1.3.2 Vibration Characteristics

Per the Caltrans Transportation and Construction Vibration Guidance Manual (2020), vibration is the periodic oscillation of a medium or object. The rumbling sound caused by the vibration of room surfaces is called structure-borne noise. Sources of ground-borne vibrations include natural phenomena (e.g., earthquakes, volcanic eruptions, sea waves, landslides) or human-made causes (e.g., explosions, machinery, traffic, trains, construction equipment).

Peak particle velocity (PPV) is defined as the maximum instantaneous peak of the vibration signal and is expressed in inches/second (in/sec). PPV is most frequently used to describe vibration impacts to buildings but can also be used to quantify vibration annoyance potential for humans. Caltrans has established a human annoyance vibration threshold of 0.24 in/sec PPV (distinctly perceptible level) for construction-related vibration levels (Caltrans 2020). The Caltrans threshold for potential damage to residential structures is 0.5 in/sec PPV (Caltrans 2020).

1.4 Noise Regulation in Manteca

1.4.1 Municipal Code

Title 17 of the Manteca Municipal Code (MMC) addresses zoning. Chapter 17.58 establishes Performance Standards based on each zone district. Section 17.58.050 (Noise Standards) establishes the maximum noise levels allowed within each zone district, and for stationary noise sources that could affect neighboring properties. The following noise limits are applicable to Project, as determined at the property boundary for each parcel in the vicinity of the Project site.

B. Noise Standards. The maximum sound level generated by any use or activity as measured at the point of measurement as defined in Section 17.58.030 (Points of Measurement) shall not exceed the levels

established in Table 17.58.050-1 (Maximum Permissible Sound Pressure Levels) based on the use that is receiving the noise (e.g., residential use receiving noise generated by an industrial use).

MANTECA MUNICIPAL CODE TABLE 17.58.050-1 MAXIMUM PERMISSIBLE SOUND PRESSURE LEVELS		
Receiving Land Use Category	Time Period	Maximum Allowable Noise Levels (L_{dn}/CNEL)
Single-Family and Limited Multiple-Family	10:00 p.m. – 7:00 a.m.	50 dBA
	7:00 a.m. – 10:00 p.m.	60 dBA
Multiple-Family, Public Institution, and Neighborhood Commercial	10:00 p.m. – 7:00 a.m.	55 dBA
	7:00 a.m. – 10:00 p.m.	60 dBA
Medium and Heavy Commercial	10:00 p.m. – 7:00 a.m.	60 dBA
	7:00 a.m. – 10:00 p.m.	65 dBA

The noise levels in the above table are interpreted as an hourly average (L_{eq}) metric. Using Single-Family and Limited Multiple-Family as an example, employing the identified values as an hourly average would result in a 24-hour L_{dn} value of 60 dBA, which correlates well to the single-family exterior exposure limits in the Manteca General plan Noise Element.

Based on Table 17.58.50-1, Project noise would be restricted to no greater than 60 dBA L_{eq} during the daytime and 50 dBA L_{eq} during the nighttime, at the residential property boundaries closest to the Project site for each vicinity residential parcel. Because equipment will operate in the overnight period as well as in the daytime, noise control for on-site operations must ensure that operational noise levels comply with the more stringent 50 dBA L_{eq} limit at the residences. For commercial properties south and southeast, Project noise would be restricted to no greater than 65 dBA L_{eq} during the daytime and 60 dBA L_{eq} during the nighttime, at the adjacent commercial property boundaries. Because equipment will operate in the overnight period as well as in the daytime, noise control for on-site operations must ensure that operational noise levels comply with the more stringent 60 dBA L_{eq} limit at the adjacent commercial properties.

MMC Section 17.58.50.D outlines prohibited activities. The following would apply to construction activities for the Project.

E. Prohibited Activities. The following acts shall be a violation of this Chapter.

1. Construction Noise. Operating or causing the operation of tools or equipment on private property used in alteration, construction, demolition, drilling, or repair work daily between the hours of 7:00 p.m. and 7:00 a.m., so that the sound creates a noise disturbance across a residential property line, except for emergency work of public service utilities.

Based upon the above, construction of the Project would be restricted to the hours between 7:00 a.m. and 7:00 p.m. daily, unless it is demonstrated that construction noise would be no greater than ambient noise levels at residences in the vicinity of the Project.

The City of Manteca has not adopted construction noise level limits for construction activities conducted during daytime hours (7:00 a.m. to 7:00 p.m.). However, the Federal Transit Authority (FTA) has adopted a guideline for daytime construction noise exposure at residential land uses. The FTA guideline is a maximum of 80 dBA L_{eq} which is averaged over a typical 8-hour construction day. While Manteca has not adopted this standard, it is a useful reference level when evaluating daytime construction noise.

1.4.2 General Plan Noise Element

The noise element contains several policies applicable to the Project, as presented below.

N-P-7: Noise level criteria applied to land uses other than residential or other noise-sensitive uses shall be consistent with noise performance levels of Table 9-1 and Table 9-2 [NOTE: Table 9-2 was superseded with adoption of MMC Section 17.58.050 (Noise Standards)].

NOISE ELEMENT TABLE 9-1 MAXIMUM ALLOWABLE NOISE EXPOSURE FOR MOBILE SOURCES	
Land Use Category	Ldn / CNEL dBA
Residential	60
Transient Lodging	60
Hospitals, Nursing Homes	60
Churches, Music Halls	60
Office Buildings	65
Playgrounds, Neighborhood Parks	70

N-I-3. In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are increased by 10 dB or more. An increase from 5-10 dB may be substantial. Factors to be considered in determining the significance of increases from 5-10 dB include:

- the resulting noise levels
- the duration and frequency of the noise
- the number of people affected
- the land use designation of the affected receptor sites
- public reactions or controversy as demonstrated at workshops or hearings, or by correspondence
- prior CEQA determinations by other agencies specific to the project

2 Baseline Sound Level Survey

On November 30, 2022, Dudek conducted short-term (e.g., less than one hour in duration) sound pressure level measurements adjacent to several residential land uses in the Project vicinity, in order to characterize the existing exterior ambient noise levels at these residences that could be impacted by Project on-site noise sources or Project traffic contributions to area roadways. The measurement locations are depicted in Figure 3 (at the end of this

report). The closest residences to the Project site are represented by ST2 and ST3; ST1 and ST4 represent the worst-case noise exposure for residences along Airport Way and Lathrop Road, to which the project would contribute trips.

The measurements were conducted using a SoftdB brand Piccolo II Type 2 Sound Level Meter. Type 2 sound-level meters have precision accuracy that is suitable for all types of environmental noise evaluation. The sound-level meter was calibrated before and after use in the field for these measurements. The sound level meter was configured to record data for one-minute intervals; total duration of measurements at each location was approximately 15 minutes. Sound level metrics including L_{eq}. L_{max}, L_{min}, were recorded for each one-minute period. Data logs for each of the four measurement locations are included in Attachment A. Table 1 presents the baseline sound level survey results as the average (L_{eq}) across the duration of the measurement at each location for ST1 through ST4. Refer to Attachment A for the complete data logs from the sound level meter over the measurement period.

Table 1: Measured Sound Levels in Project Vicinity

Site	Average Noise Level Across Measure Duration (dBA L_{eq})
Measure Location ST1	69
Measure Location ST2	57
Measure Location ST3	58
Measure Location ST4	67

Measured sound levels were very dependent upon traffic along the roadway adjacent to the measurement point, which is expected due to traffic noise typically being a primary contributor to the ambient noise environment in an urban setting. ST1 was located close to Lathrop Road, a heavily travelled roadway, and therefore exhibited the highest noise levels in the survey. ST4 was located close to Airport Way, another busy road, and exhibited the second highest noise levels in the survey. Traffic-related sound levels tend to be relatively constant during the day, decreasing in the evening and overnight period.

3. Project Description

The proposed project would consist of a 3,410-square-foot convenience store, a 2,500-square-foot quick-service restaurant, two sit-down restaurants (2,092 square feet and 1,908 square feet), a gas station with 16 fueling positions, a 5,734-square-foot retail building, and a drive-through car wash. Typically, a carwash would include one self-serve vehicle vacuum station, which we have also included in the noise analysis. Refer to Figure 2 (at the end of the report) for the Site Plan illustrating proposed facility components.

It would make sense to place a vehicle vacuum station near the entrance to the car wash, so we have situated the vacuum sound source in the parking stall immediately to the east of the car wash entrance lane. The car wash entry is on the west end of the tunnel, which is oriented west/east, and the exit is at the east end. The car wash blow dryer would be just inside the building at the east, exit end. Refer to Figure 2 for the configuration of these components.

Noise generating components of the project include the vehicle blow dryer, located just inside the exit of the car wash tunnel, the one vacuum station, and a roof-mounted HVAC package unit on each of the four proposed commercial spaces. Other equipment inside the wash tunnel produces far lower sound levels than the blower. The carwash blower can therefore be used as the worst-case sound source for the carwash operation. The vacuum could be in use by patrons

while the blower is operating. Lastly, all four HVAC package units could be in operation while the car wash and vehicle vacuum are in use. Therefore, as a worst case, the operational noise level was assessed with all equipment operating simultaneously and continuously.

4. Construction Noise

One of the most extensive and widely used databases for sound levels from motorized or powered equipment is the FHWA RCNM. While the focus of data compilation was for equipment that would typically be employed for the construction of transportation facilities, the list is comprehensive enough to be useful in assessing sound levels for nearly every activity for which powered equipment is used. Table 2 provides an excerpt from RCNM of the sound levels generated by various powered equipment that could be associated with construction of the project. Note that the equipment noise levels presented in Table 2 are maximum noise levels. Usually, construction equipment operates in alternating cycles of full power and low power, producing average noise levels over time that are less than the maximum noise level. The average sound level of construction activity also depends on the amount of time that the equipment operates and the intensity of construction activities during that time.

Table 2. Selected Powered Equipment Noise Emission Levels from RCNM

Equipment	Maximum Sound Level (dBA L_{max}) – 50 feet from Source
Air Compressor	81
Backhoe	80
Compactor	82
Concrete Mixer	85
Crane, Mobile	83
Dozer	85
Generator	81
Grader	85
Loader	85
Paver	89
Pneumatic Tool	85
Pump	76
Roller	74
Saw	76
Scraper	89
Truck	88

Source: FHWA 2006a, 2006b.

Notes: dBA = decibel (A-weighted).

Noise emissions from the construction phase of the Project were estimated based upon default construction scenario information provided by CalEEMod for the type and size of proposed development, and included phasing, equipment

mix, and vehicle trips. The construction equipment mixes used for estimating the Project-generated construction noise emissions are included in Attachment B.

A Microsoft Excel–based noise prediction model emulating and using reference data from the FHWA RCNM was used to estimate construction noise levels at the nearest and second-nearest noise-sensitive land uses (i.e., residences), based upon the distance between the closest project construction boundary and these residences. Aggregate noise emission from project construction activities, broken down by sequential phase of construction, was predicted for the worst-case construction activity occurring along the closest construction boundary to the off-site closest residences. Dudek compared predicted construction noise levels to the recommended FTA construction noise exposure standard and to measured ambient noise levels.

4.1 Construction Equipment Inventory

The California Air Resources Board CalEEMod (California Emissions Evaluation Model) was used to identify the construction equipment anticipated for development of the Project, including earthwork, building construction, and paving activities. The equipment list is based upon the Project description, with construction area of approximately 3 acres, CalEEMod (Version: CalEEMod.2016.3.1) identified the following anticipated equipment for each phase of the Project construction.

Table 3. Construction Equipment Per Phase

Construction Activity	Site Preparation		
Equipment Needed	Dozer	Backhoe	Grader
Construction Activity	**Grading**		
Equipment Needed	Dozer	Front End Loader	Grader
Construction Activity	**Building Construction**		
Equipment Needed	Forklift Backhoe	Crane Generator	Welder
Construction Activity	**Paving**		
Equipment Needed	Paver Roller	Dump Truck Concrete Mixer Truck	Backhoe
Construction Activity	**Architectural Coating**		
Equipment Needed	Air Compressor		

4.2 Construction Noise Assessment

With the noise sources identified above, a noise analysis was performed with a Microsoft Excel–based noise prediction model emulating and using reference data from the FHWA RCNM. Input variables consist of the receiver / land use types, the equipment type (i.e., backhoe, crane, truck, etc.), the number of equipment pieces, the duty cycle for each piece of equipment (i.e., percentage of each hour the equipment typically works), and the distance from the sensitive noise. Refer to Attachment B for the inputs used in the RCNM-based model, as well as results.

Noise-sensitive land uses in the vicinity of the Project include residences on immediately adjacent properties to the south and east of the Project site, within approximately 35 feet of the construction zone boundary for the Project. These residences are on the opposite side of an 8-foot-high concrete block wall from the Project construction zone. The sound attenuation (reduction) provided by the 8-foot concrete wall is included in the construction noise calculation worksheet for these closest residences. The second closest residences are approximately 100 feet from the Project site to the north across Lathrop Road and to the west across Airport Way. Therefore, the construction noise assessment is focused on noise levels that would occur at the distance of the closest off-site residences (i.e., at 35 feet and 100 feet), construction noise levels at greater distances from the site would be less. Using the provided construction information and the distance identified for the closest receivers, the RCNM-based construction noise model was used to predict noise from on-site construction activities. The results are summarized in Table 4 (see Attachment B for complete results).

Table 4. Construction Noise Levels Per Phase at Closest Residences

Task/Activity	Nearest Residence (35 Feet and on Opposite Side of 8-foot Wall)		Second Nearest Residence (100Feet)	
	L_{max}	$L_{eq\ 8\text{-}hr}$	L_{max}	$L_{eq\ 8\text{-}hr}$
Site Preparation	78	74	81	77
Grading	78	75	81	78
Building Construction	77	73	80	76
Architectural Coating	69	65	72	68
Paving	76	72	79	75
Highest Noise Level All Phases	**78**	**75**	**81**	**77**

Manteca Municipal Code, Section 17.58.50.D prohibits construction that creates a noise disturbance across a residential property line, daily between the hours of 7:00 p.m. and 7:00 a.m. Given that construction noise levels at the closest residence would be up to 18 dBA greater than measured daytime noise levels at the closest residence, construction at night would be anticipated to result in a noise disturbance at this and other vicinity residences. The project would therefore be required to adhere to a daily construction schedule limited to the hours between 7 a.m. and 7 p.m., in accordance with MMC Section 17.58.50.D.

With respect to the FTA recommended daytime 8-hour average of 80 dBA at vicinity residences, construction noise levels are predicted to be no greater than an 8-hour average of 77 dBA L_{eq} at the closest residences to the project and would therefore not exceed the FTA recommended limit. Consequently, construction noise impacts of the Project would be less than significant.

In reviewing the results in Table 4, the average construction noise levels at the closest residences (south or east of the proposed Project site) would range from 65 to 75 dBA L_{eq}. These noise levels are considered to be a peak exposure, applicable not more than 10-15% of the total construction period, only while the construction activity is taking place along the southern or eastern construction site boundary (i.e., closest to the nearest off-site receiver). With average construction noise levels ranging up to 75 dBA L_{eq}, the closest residences would experience a temporary construction noise increase up to 18 dBA L_{eq} over ambient (refer to Table 1); again these levels would represent 10-15% of the construction duration. The average construction noise levels at the second closest homes, which are across Lathrop Road and Airport Way, would range from 68 to 77 dBA L_{eq}. These noise levels at the second

closest residences are considered to be a peak exposure, applicable not more than 10-15% of the total construction period, only while the construction activity is taking place along the northern or western construction site boundary. With typical outdoor to indoor attenuation of 25 dBA for standard construction residential structures, interior noise levels at the closest residences during construction would peak at approximately 52 dBA, which should not interfere with conversation or other daytime activities indoors. Therefore, construction noise levels as compared to daytime ambient levels would result in a less than significant temporary noise impact.

4.3 Conclusions – Construction Noise Levels

Although the adjacent residences could be exposed to construction noise levels that are noticeable compared to ambient levels, and therefore could result in potential annoyance, the exposure would be short term, would occur during the less sensitive daytime period, and would cease upon proposed Project construction completion. In addition, construction noise levels are predicted to be no more than 54 dBA L_{eq} within the interior of the closest residences, which should not interfere with conversations or other daytime routine activities for residents. Therefore, construction noise would remain less than significant, and would not be anticipated to result in a nuisance.

5 Operational Noise Prediction

5.1 Methodology

Prediction of operation noise attributed to the Project involved creation of a sound propagation model using a Dudek proprietary Excel-based software tool. Dudek NoisePro is used for calculation, presentation, assessment, and prediction of environmental noise. Estimated sound emission from the carwash blower, one self-serve vehicle vacuum, and two HVAC package units (one per commercial space) were entered into the Dudek NoisePro model. The outdoor noise propagation formulas in NoisePro follow the International Organization of Standardization (ISO) Standard 9613-2, "Attenuation of Sound During Propagation Outdoors, Part 2: General Method of Calculation" (ISO 1996).

As discussed in Section 3 (Project Description), the blow dryer at the exit of the carwash tunnel generates the highest noise level of all the equipment included in the carwash. The blow dryer most employed in automated carwashes is manufactured by Sonny's Enterprises. The sound rating for this blow dryer is 90 dBA at a distance of 10 feet. Dudek performed field verification sound pressure measurements of the blow dryer units at Mister Carwash on Airport Way for another recent noise study. A measured sound level of 82 dBA L_{eq} at 25 feet from the car wash exit confirms the manufacturer sound rating is accurate. The most common car vacuum employed at commercial carwash facilities is manufactured by JE Adams. The sound rating for this vacuum is 62 dBA at 50 feet. A representative HVAC package unit for commercial use is the Samsung Model AM036NXMDCR (3-ton capacity); the sound power rating for this equipment is 66 dBA. Refer to Attachment C for specifications for each of this equipment that identifies the manufacturer sound rating.

None of the above-described equipment would be anticipated to operate continuously, but rather would have cycles of operation separated by periods of no operation. In practice, at any given time, some of the equipment would be in operation mode, while other equipment would be in rest mode. Nonetheless, the model was constructed to address a worst-case scenario where all the equipment is in continuous operation.

Calculation parameters that establish how the NoisePro model predicts combined noise level from these above-listed Project sources include as follows:

- Sound propagation per International Organization of Standardization (ISO) 9613-2 (ISO 1996);
- Default ground acoustical absorption coefficient = 0.5 (on a scale of 0 = reflective, 1 = absorptive); and.
- Zero order of reflection.

5.2 Results

Figure 4 depicts the modeled receiver locations for the closest adjacent land uses (R1, R2. R3, R4) in the NoisePro model space. The receiver points in the NoisePro space are intended to represent Project operational sound levels at these existing nearby residences, for comparison to MMC Section 17.58.50 limits. Table 5 presents the modeled operational noise level at the five receivers and compares these to the MMC Section 17.58.50 limits.

Table 5: Modeled Project Operational Sound Levels Compared to Ordinance Limits

Model Receiver	Modeled Project Operational Noise Level dBA (L_{max})	Noise Ordinance Limit dBA ($L_{eq\ hour}$) [1]
R1	42	50
R2	45	
R3	45	
R4	42	

Table Notes: [1] Ordinance limit based upon the more restrictive nighttime period, to account for potential Project operations at night.

The noise model results are also graphically represented on Figure 4, which provides noise contours extending outward from the proposed Project to illustrate the maximum (L_{max}) noise level from operation of the Project (i.e., the worst-case scenario with all the equipment in operation simultaneously).

Table 6 compares the modeled Project operational noise levels at the four receivers to ambient noise levels at these receivers. Ambient noise levels are based upon the ambient noise level survey results at the receiver locations (discussed in greater detail in Section 2 of this report).

Table 6: Modeled Project Operational Sound Levels Compared to Ambient Noise Levels

Model Receiver	Modeled Project Operational Noise Level dBA (L_{max})	Ambient Noise Level ($L_{eq\ hour}$) [1]
R1	42	69
R2	45	57
R3	45	58
R4	42	67

Table Notes: [1] Ambient noise level based upon nighttime hourly average from modeling of traffic noise for existing traffic trips on roadway adjacent to receiver location (Refer to Attachment D)

5.3 Conclusions – Operational Noise Levels

This noise study includes an analysis of noise emission from simultaneous operation of the total suite of equipment at the facility. As described in Section 5.2, Dudek modelled operation noise levels at each studied receiver from a

worst-case scenario with all equipment continuously operating simultaneously which would not be anticipated to occur under actual operational conditions, but which provides an extremely conservative assessment (i.e., the identified resulting sound levels overestimate what would be likely to occur under representative operating parameters). In addition, the NoisePro software enables a user to graphically present the predicted sound pressure levels over a defined horizontal plane, such as illustrated in Figure 4. The legend in the upper left corner of Figure 4 defines a 5-dB range of comparable sound levels for each depicted color. The superposition of the aggregate Project predicted noise emission over the Project site and its surroundings provides the reader a visual understanding of how loud the Project may be at a geographic location (in addition to the selected 5 modeled receivers) from Project operations.

As illustrated in Table 5, in each case, the predicted operational noise level would fall below the applicable nighttime maximum allowable noise limit. As such, the noise from the proposed Project operations would comply with MMC Section 17.58.50. As illustrated in Table 6, in each case project operational noise would be well below the ambient noise level at each of the modeled receivers. Adding the Project operational noise level to the ambient noise level at each receiver would result in less than a 1 dBA increase, which would be well below a noticeable change.

5.4 Recommendations – Operational Noise Levels

Modeling of facility equipment operations noise levels on the basis of simultaneous continuous operation of all equipment, concludes that the facility noise levels would fall below the exterior noise exposure limits applicable to existing nearby residential and commercial properties. Therefore, the Project as proposed and acoustically studied herein would be expected to achieve compliance with the requirements of the MMC Section 17.58.50 limits, no noise control features, or methods would be required or recommended. Project operations would also not result in an increase over ambient noise levels at the existing nearby residential and commercial uses.

6 Offsite Traffic Noise Prediction

6.1 Methodology

Fehr & Peers quantified average daily trips (ADTs) on roadways to which the project would contribute trips, including scenarios for existing, existing plus project, cumulative developments, and cumulative developments plus project traffic (Transportation Impact Study, Airport Plaza Retail Center Project, Fehr & Peers, October 10, 2022). Roadway segments addressed in the Fehr & Peers study included Lathrop Road and Airport Way.

Dudek used a Microsoft Excel based model incorporating standard traffic noise assessment equations adapted from the FHWA noise prediction model to quantify traffic noise exposure levels along roadways to which the Project would contribute trips. Traffic noise levels were modeled based upon the calculated ADT for each included roadway segment and for each of the scenarios addressed in the Fehr & Peers study.

6.2 Results

Based upon ADT data provided by Fehr & Peers, Dudek modelled traffic noise exposure along Lathrop Road and Airport Way, the roadways to which the Project would principally add trips. The four studied traffic scenarios allow the direct determination of project-related traffic noise increases, by comparing “existing” to “existing plus project” and by comparing “cumulative developments” to “cumulative developments plus project”. Table 7 presents the results of the traffic noise modeling, detailed information is provided in Attachment D.

Table 7. Traffic Noise Level Modeling Results

Roadway	Existing dBA CNEL	Existing + Project dBA CNEL	Cumulative Developments dBA CNEL	Cumulative Developments + Project dBA CNEL	Largest Project-Related Increase dBA CNEL	Significant?
Lathrop Road East of Airport	67.0	67.1	70.2	70.3	0.1	No
Lathrop Road West of Airport	65.1	65.3	68.4	68.5	0.2	No
Airport Way South of Lathrop	65.6	65.8	69.8	69.9	0.2	No
Airport Way North of Lathrop	65.0	65.0	69.9	70.0	0.1	No

Source: Attachment D

6.3 Conclusions – Project Traffic Noise Level Increases

As indicated in Table 7, operation of the Project would involve trip generation that would result in traffic noise level increases on each roadway segment of no more than 0.2 dBA CNEL, which would not be discernible to the human ear. It should be noted that the modeled traffic noise level corresponds to the location of the short-term noise measurement for each roadway, that was used to calibrate the traffic noise model. The ambient sound level measurements varied in distance from approximately 30 to 40 feet from the centerline of the adjacent roadway, while residences appear to be setback by at least 60 feet from the roadway centerline. Given that roadway noise attenuates at a rate of 3 dBA for each doubling of distance, the traffic noise level exposure at the front façade of residences along the above roadways would in most cases be approximately 3 dBA CNEL lower than the values reported in Table 7. According to the traffic modeling results, some residences along Lathrop Road and. Airport Way may be exposed to exterior noise levels that exceed the Noise Element recommended maximum of 60 dBA CNEL. However, the project would increase traffic noise exposure by no more than 0.2 dBA, which is a less than discernible increase. The project would therefore not have a considerable contribution to traffic noise levels that could already exceed recommended levels at vicinity residences.

6.4 Recommendations – Project Traffic Noise

Modeling of Project-related traffic noise level increases along roadways to which the Project would principally add trips concludes that Project-induced increases would in all cases be no greater than 0.2 dBA CNEL. Since the human ear cannot detect changes in noise levels less than 1 dBA CNEL, traffic noise level increases associated with Project trips would not be discernible to residents. No recommendations are required relating to Project traffic noise increases.

7 Construction Vibration

7.1 Methodology

Construction activity can result in varying degrees of ground vibration at local receptors, depending on the equipment and methods used, distance to the affected structures, and soil type. Ground-borne vibration levels resulting from typical construction activities occurring within the Project site were estimated by data and methods

published by Caltrans (2020). Ground vibration levels associated with various types of construction equipment are summarized in Table 8 (Caltrans 2020).

Table 8: Vibration Source Levels for Construction Equipment

Equipment	PPV (in/sec) at 25 feet
Small bulldozer	0.003
Loaded Trucks	0.076
Large bulldozer	0.089
Vibratory roller	0.21

Source: Caltrans 2020

Groundborne vibration attenuates rapidly, even over short distances. The attenuation of groundborne vibration as it propagates from source to receptor through intervening soils and rock strata can be estimated with expressions found in Caltrans guidance (Caltrans 2020). The following equation is used to calculate Peak Particle Velocity (PPV) at any distance of interest from the operating construction equipment

$$PPV_{rcvr} = PPV_{ref} * (25/D)^{1.5}$$

In the above equation, PPV_{rcvr} is the predicted vibration velocity at the receiver position, PPV_{ref} is the reference value at 25 feet from the vibration source (as listed in Table 8), and D is the actual horizontal distance to the receiver.

7.2 Results

Using the vibration source level of construction equipment provided in Table 8, the distance to the closest sensitive receiver (i.e., residence), and the equation supplied in the Caltrans (2020) construction vibration assessment methodology (above), Dudek estimated the Project construction-related vibration impacts at the closest residence. The closest residence is at a distance of approximately 35 feet east or south from the Project site property line and future construction zone boundary. Table 9 presents the results of the construction vibration assessment for the closest residence.

Table 9: Construction Vibration Levels at Closest Residence

Equipment	PPV (in/sec) at Nearest Residence (35 Feet)	Significance Threhold PPV (in/sec)	Significant ?
Small bulldozer	0.002	0.24	**No**
Loaded Trucks	0.005		**No**
Large bulldozer	0.05		**No**
Vibratory roller	0.13		**No**

7.3 Conclusions – Construction Vibration

As illustrated in Table 9, Project construction-related vibration levels at the residence closest to the Project would in all cases represent less than 50% of the significance threshold for human annoyance (0.24 PPV in/sec). The threshold for structural damage to typical residential structures is even higher (0.5 PPV in/sec). As such, Project construction would have no potential to cause structural damage to the closest residences, or to result in annoyance for the occupants of such residences.

7.4 Recommendations – Construction Vibration

Modeling of Project-related construction vibration at the closest residence to the Project site concluded no potential for human annoyance or structural damage. No construction vibration controls are required or recommended relating to the Project.

8 References

Caltrans. 2009. *Technical Noise Supplement.*

Caltrans.2013. *Traffic Noise Analysis Protocol.*

Caltrans. 2020. *Transportation and Construction Vibration Guidance Manual.*

Federal Transit Administration (FTA). 2018. *Transit Noise and Vibration Impact Assessment Manual.* September 2018.

Fehr & Peers. 2022. *Transportation Impact Study, Airport Plaza Retail Center Project. October 10, 2022*.

FHWA. 2006. *Roadway Construction Noise Model*, Version 1.1

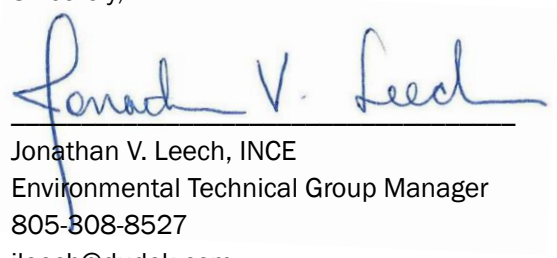
International Organization of Standardization (ISO). 1996. 9613-2: "Attenuation of Sound During Propagation Outdoors, Part 2: General Method of Calculation". December. Accessible at *https://www.iso.org/standard/20649.html*

Manteca Municipal Code

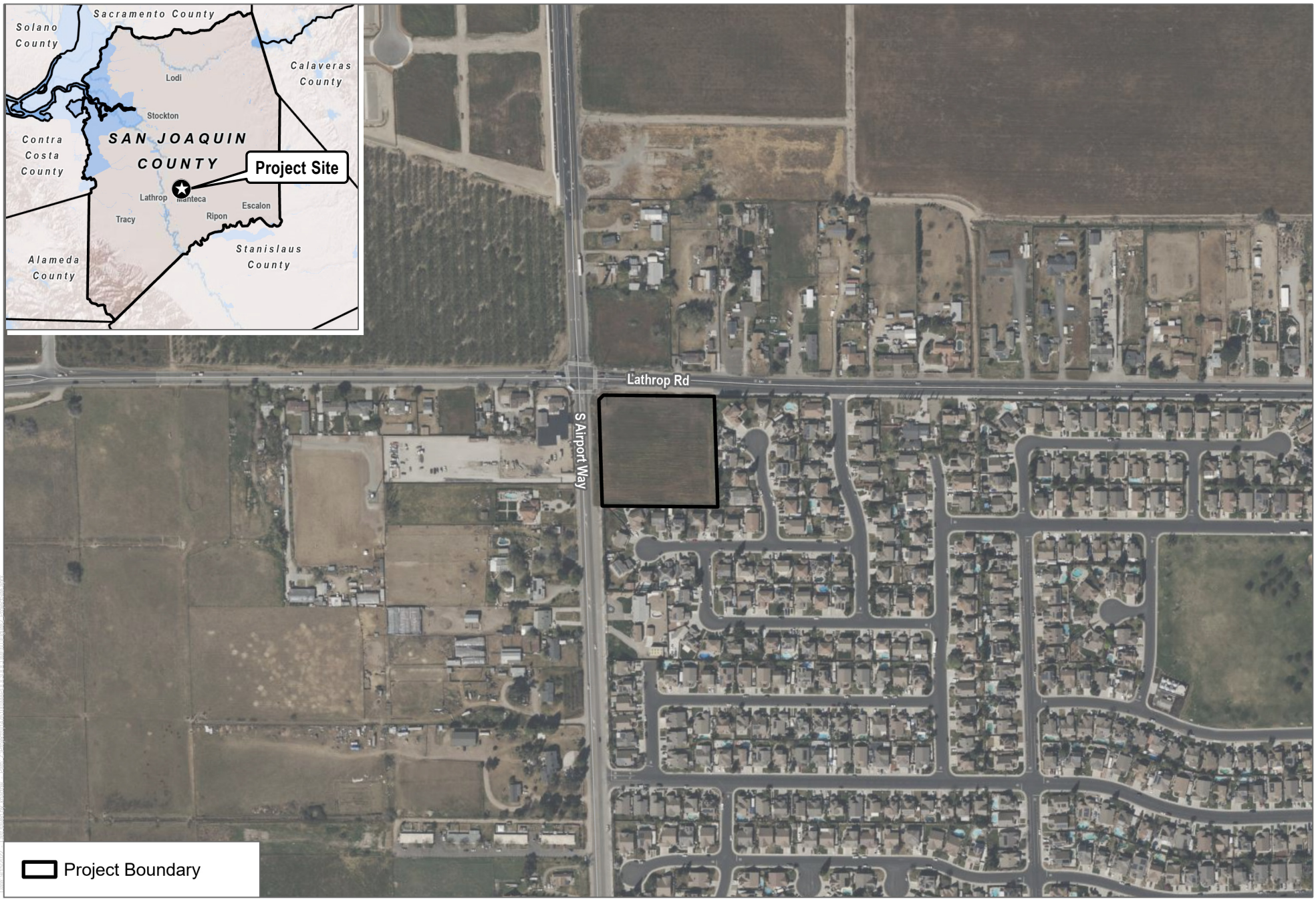
9 Closing

Dudek trusts that the results and findings presented in this letter report meet your needs for the Project at this time and represents appropriate completion of the approved scope of work.

Sincerely,



Jonathan V. Leech, INCE
Environmental Technical Group Manager
805-308-8527
jleech@dudek.com



SOURCE: Bing Maps Aerial 2022, Open Streets Map 2019

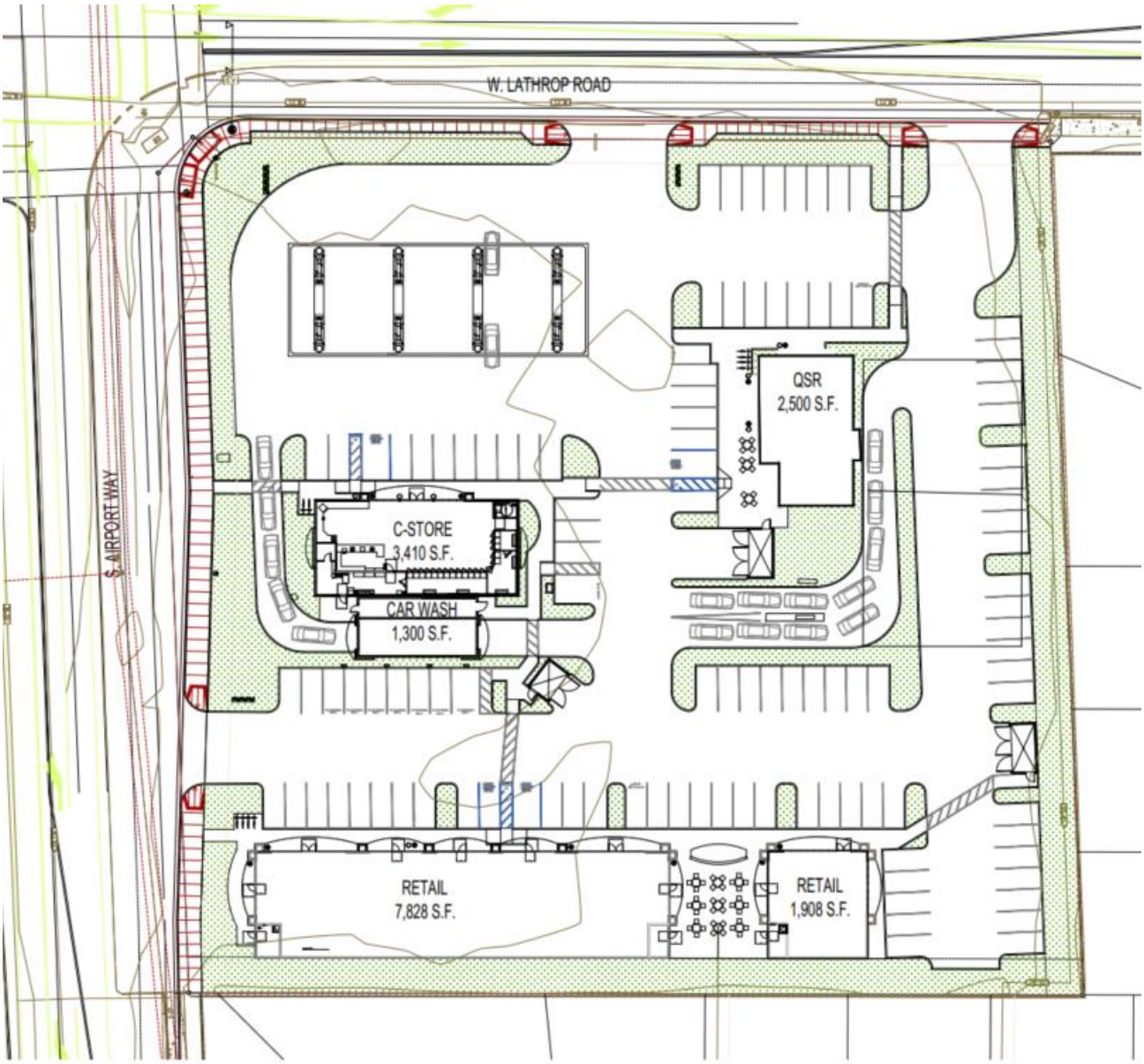
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0 205 410 Feet

Figure 1

Regional and Local Setting

Airport Plaza Retail Center



Source: K12 Architects Inc.

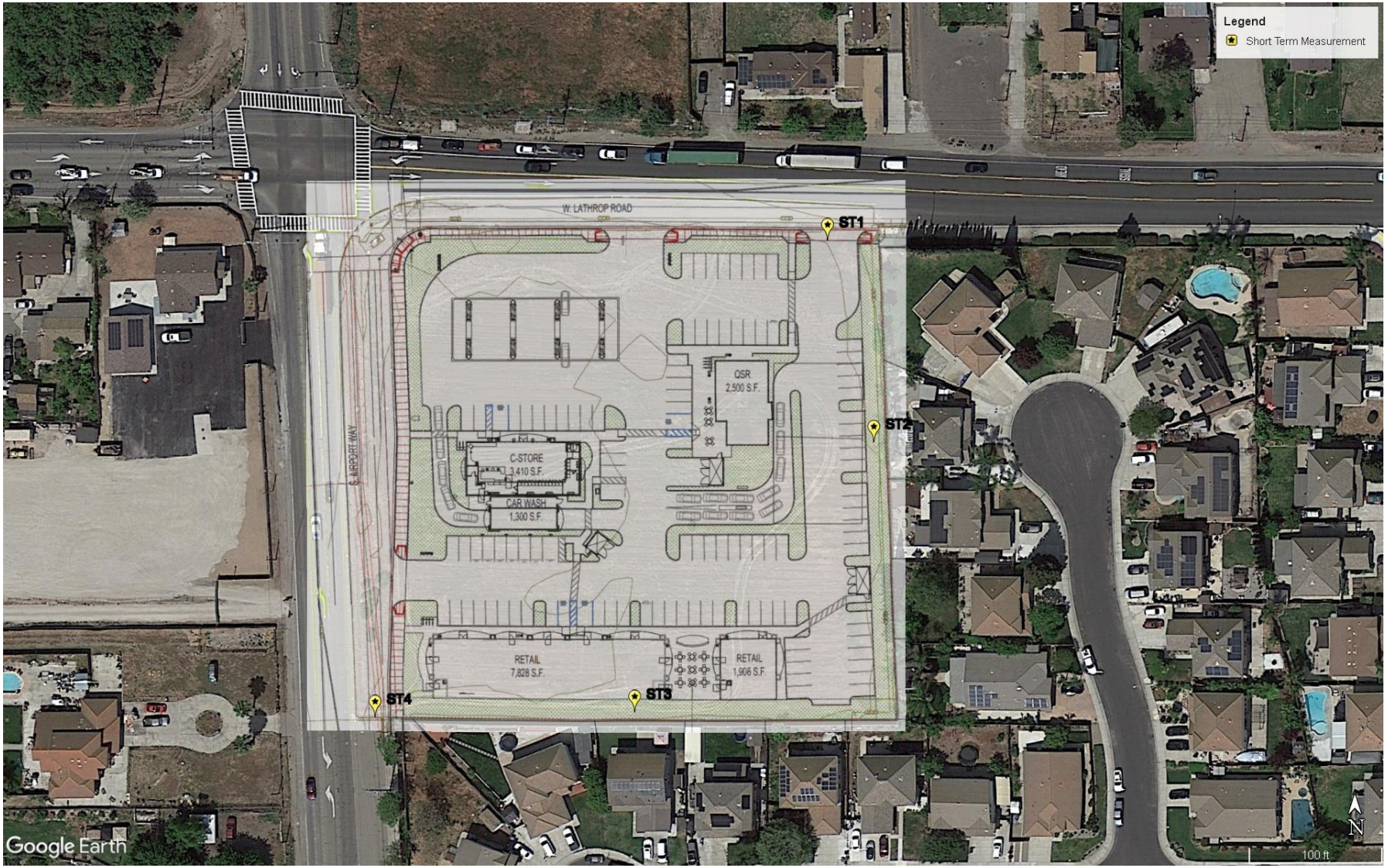
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Figure 2

Site Plan

Airport Plaza Retail Center Noise Assessment

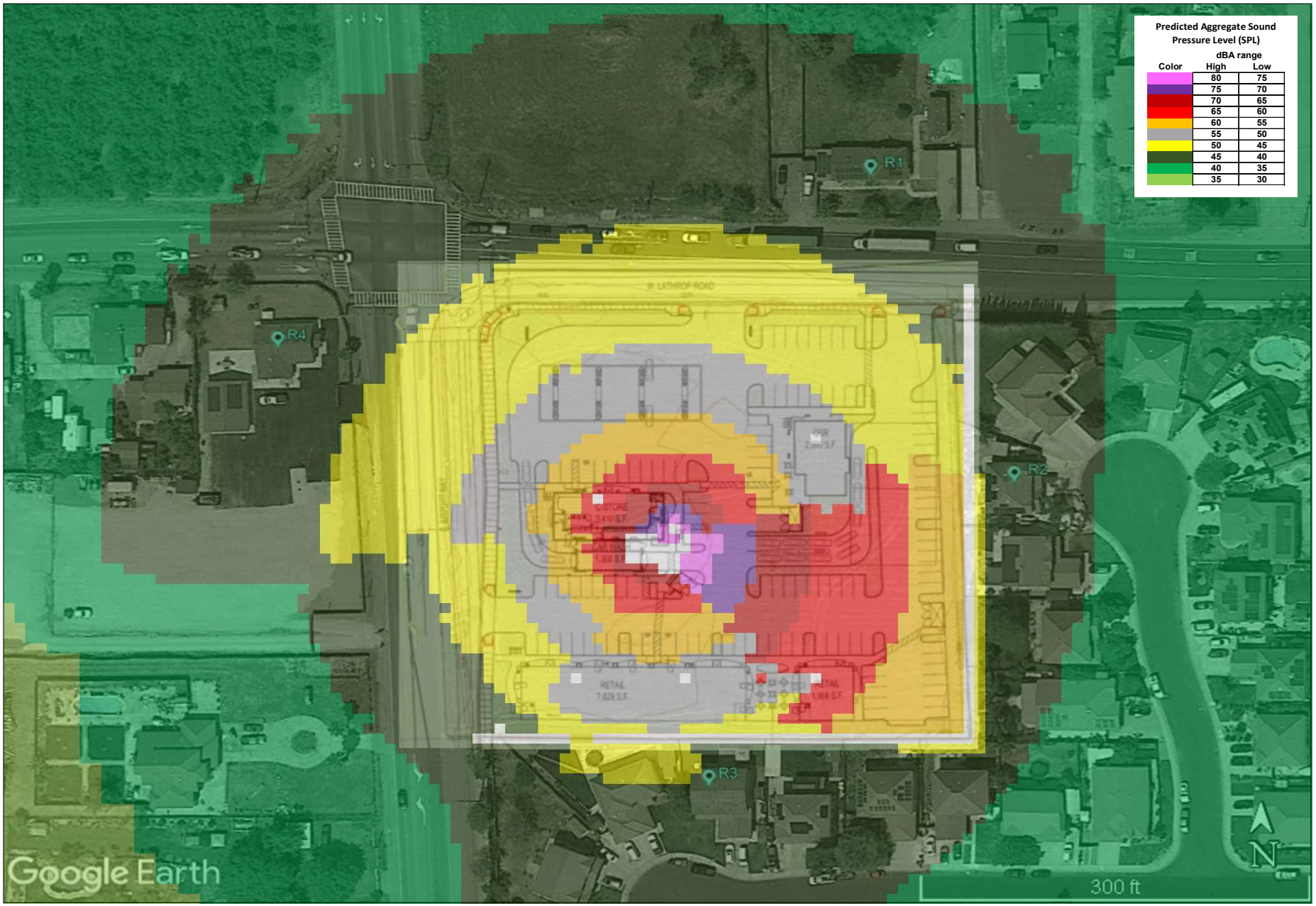


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Figure 3

Short-Term Ambient Noise Measurement Locations

Airport Plaza Retail Center Noise Assessment



SOURCE: Dudek 2022

DUDEK

0 83 166 Feet

FIGURE 4

COMPOSITE OPERATIONAL NOISE LEVELS

Airport Plaza Retail Center Project

ATTACHMENT A

AMBIENT NOISE MEASUREMENT DATA

DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT: AIRPORT PLAZA RETAIL CENTER – MANTECA | PROJECT #: 14761
SITE ID: ST-1
SITE ADDRESS: LATHROP ROAD | OBSERVER(S): JVL
START DATE: 11/30/22 | END DATE: 11/30/22
START TIME: 9:29 AM | END TIME: 9:44 AM

METEOROLOGICAL CONDITIONS

TEMP: 52 F | HUMIDITY: 48 % R.H. | WIND: (CALM) LIGHT MODERATE
WINDSPD: 1 MPH | DIR. N NE S SE S SW W (NW) | VARIABLE STEADY GUSTY
SKY: (SUNNY) (CLEAR) | OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT: SoftdB Piccolo II | TYPE 1 (2) | SERIAL # 1804
CALIBRATOR: Reed R8090 | SERIAL # 4321
CALIBRATION CHECK | PRE-MEASUREMENT: 94.0 dBA SPL | POST-MEASUREMENT: 94.0 dBA SPL | WINDSCRN: X

SETTINGS: (A-WTD) (SLOW) FAST (FRONTAL) RANDOM ANSI OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
1	9:29								
↓									
15		9:44							

COMMENTS: SEE SLM LOG FOR SOUND LEVEL VALUES.

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: MAJOR ARTERIAL | DIST. TO RDWY C/L OR (EOP): 20'
TRAFFIC COUNT DURATION: 15 MIN | SPEED 45

COUNT 1 (OR RDWY 1)	DIRECTION	NB/EB	SB/WB	NB/EB	SB/WB
	AUTOS	175			
	MED TRKS	9			
	HVY TRKS	17			
	BUSES	0			
	MOTRCLS	0			

IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE: X

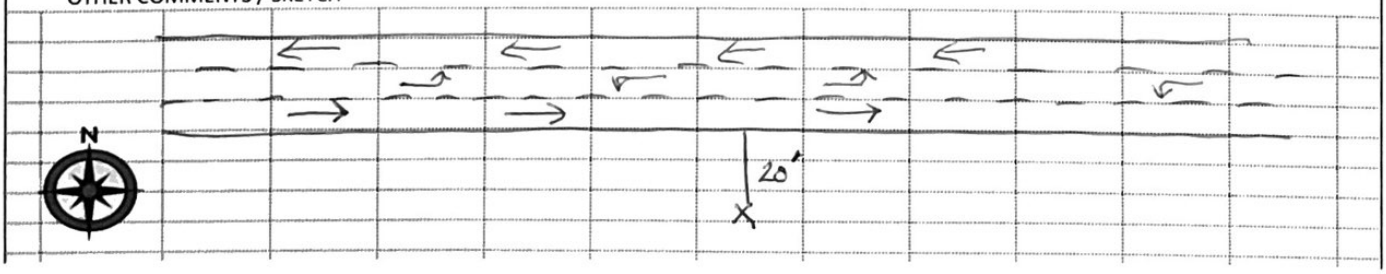
COUNT 2 (OR RDWY 2)	___ MIN	NB/EB	SB/WB	NB/EB	SB/WB
	SPEED				

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER:

DESCRIPTION / SKETCH

TERRAIN: HARD SOFT (MIXED) FLAT OTHER:
PHOTOS:
OTHER COMMENTS / SKETCH



DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT: AIRPORT PLAZA RETAIL CENTER MITIG. PROJECT #: 14760
SITE ID: ST-2
SITE ADDRESS: 2ND RES FROM LATHROP OBSERVER(S): JVL
START DATE: 11/30/22 END DATE: 11/30/22
START TIME: 9:29 AM END TIME: 9:44 AM.

METEOROLOGICAL CONDITIONS

TEMP 52 F HUMIDITY 48 % R.H. WIND (CALM) LIGHT MODERATE
WINDSPD 1 MPH DIR. N NE S SE S SW W (NW) VARIABLE STEADY GUSTY
SKY (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT SoftdB Piccolo II TYPE 1 (2) SERIAL # 0204
CALIBRATOR REED R8090 SERIAL # 6321
CALIBRATION CHECK PRE-MEASUREMENT 94.0 dBA SPL POST-MEASUREMENT 94.0 dBA SPL WINDSCRN X

SETTINGS (A-WTD) (SLOW) FAST (FRONTAL) RANDOM ANSI OTHER:

REC #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
	9:29								
17		9:44							

COMMENTS: SEE SLM LOG FOR SOUND LEVEL VALUES.

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: MAJOR ARTERIAL DIST. TO RDWY C/L OR (EOP): 175'
TRAFFIC COUNT DURATION: 15 MIN SPEED 45

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB	SB/WB
AUTOS	175			
MED TRKS	9			
HVY TRKS	17			
BUSES	0			
MOTRCLS	0			

IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE ____

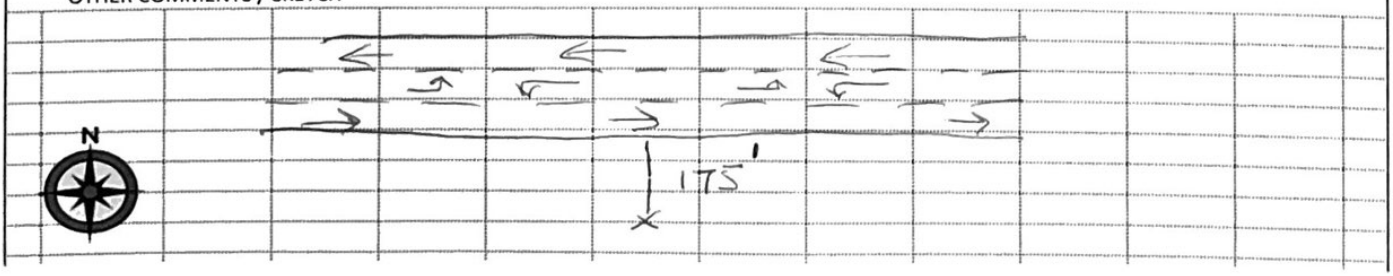
COUNT 2 (OR RDWY 2) ___ MIN	NB/EB	SB/WB	NB/EB SPEED	SB/WB

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER:

DESCRIPTION / SKETCH

TERRAIN HARD (SOFT) MIXED FLAT OTHER:
PHOTOS
OTHER COMMENTS / SKETCH



FIELD NOISE MEASUREMENT DATA

DUDEK

PROJECT: AIRPORT PLAZA RETAIL CENTER - MANTECA — PROJECT #: 14761
SITE ID: ST-3
SITE ADDRESS: 3RD RESIDENCE FROM AIRPORT — OBSERVER(S): JVL
START DATE: 11/30/22 — END DATE: 11/30/22
START TIME: 9:54 — END TIME: 10:09

METEOROLOGICAL CONDITIONS

TEMP: 52 F — HUMIDITY: 48 % R.H. — WIND: (CALM) LIGHT MODERATE VARIABLE STEADY GUSTY
WINDSPD: 1 MPH — DIR. N NE S SE S SW W (NW)
SKY: (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT: SOFT dB PICCOLO II — TYPE 1 (2) — SERIAL #: 1804
CALIBRATOR: REED R8090 — SERIAL #: 6321
CALIBRATION CHECK — PRE-MEASUREMENT: 94.0 dBA SPL — POST-MEASUREMENT: 94.0 dBA SPL — WINDSCRN: X

SETTINGS: A-WTD SLOW FAST FRONTAL RANDOM ANSI OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
18	9:54								
↓									
33		10:09							

COMMENTS: SEE SLM LOG FOR SOUND LEVEL VALUES.

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: MAJOR ARTERIAL — DIST. TO RDWY C/L OR (EOP): 210'
TRAFFIC COUNT DURATION: 15 MIN — SPEED: 45

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED
AUTOS	102			
MED TRKS	4			
HVY TRKS	7			
BUSES	0			
MOTRCLS	0			

IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE ____

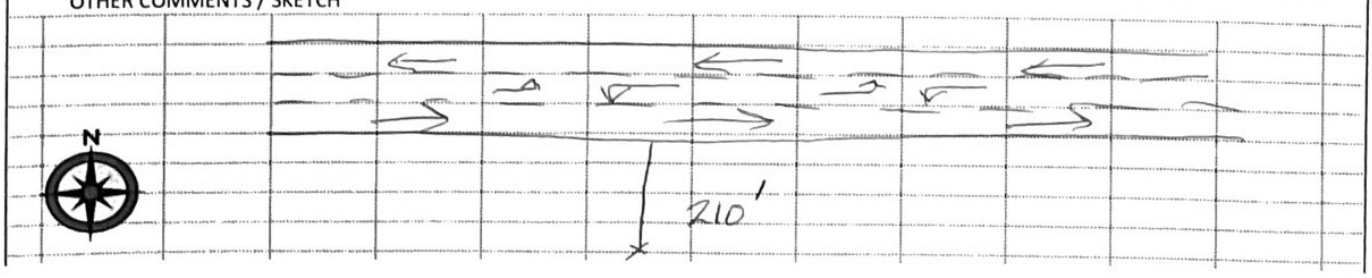
COUNT 2 (OR RDWY 2)	___ MIN NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY: 45

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) (DISTD GARDENERS/LANDSCAPING NOISE)
OTHER:

DESCRIPTION / SKETCH

TERRAIN: HARD (SOFT) MIXED FLAT OTHER:
PHOTOS:
OTHER COMMENTS / SKETCH



DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT: AIRPORT PLAZA RETAIL CENTER MANTECA — PROJECT #: 14761
SITE ID: ST-4
SITE ADDRESS: AIRPORT WAY — OBSERVER(S): JVL
START DATE: 11/30/22 — END DATE: 11/30/22
START TIME: 9:54 — END TIME: 10:09

METEOROLOGICAL CONDITIONS

TEMP: 52 F — HUMIDITY: 48 % R.H. — WIND: (CALM) LIGHT MODERATE
WINDSPD: 1 MPH — DIR. N NE S SE S SW W (NW) — VARIABLE STEADY GUSTY
SKY: (SUNNY) (CLEAR) — OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT: SoftdB Piccolo II — TYPE 1 (2) — SERIAL #: 0204
CALIBRATOR: REED R8090 — SERIAL #: 6321
CALIBRATION CHECK — PRE-MEASUREMENT: 94.0 dBA SPL — POST-MEASUREMENT: 94.0 dBA SPL — WINDSCRN: X

SETTINGS: A-WTD SLOW FAST FRONTAL RANDOM ANSI OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
14	9:54								
↓									
33		10:09							

COMMENTS: SEE SLM LOG FOR SOUND LEVEL VALUES

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: MAJOR ARTERIAL — DIST. TO RDWY C/L OR (EOP): 10'
TRAFFIC COUNT DURATION: 15 MIN — SPEED 45 — ___ MIN — SPEED

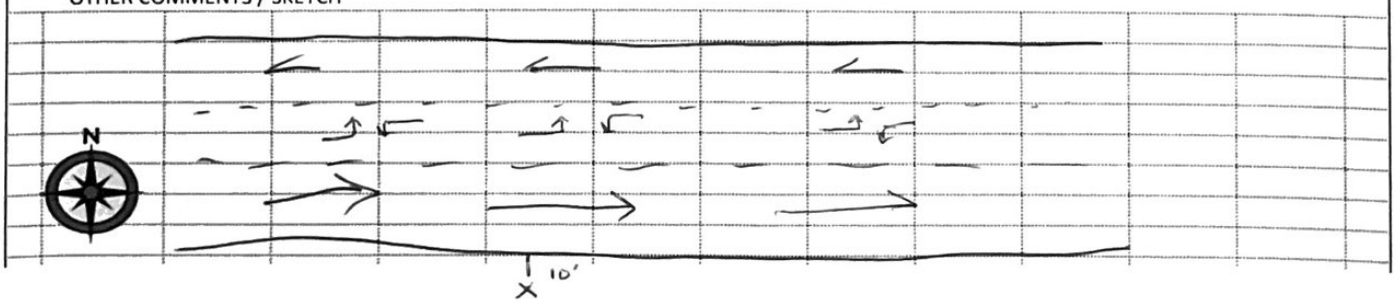
COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB	SB/WB	IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE	COUNT 2 (OR RDWY 2)	NB/EB	SB/WB	NB/EB	SB/WB
AUTOS	102									
MED TRKS	4									
HVY TRKS	7									
BUSES	0									
MOTRCLS	0									

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY: 45

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) (DISTD GARDENERS/LANDSCAPING NOISE)
OTHER:

DESCRIPTION / SKETCH

TERRAIN HARD SOFT (MIXED) FLAT OTHER:
PHOTOS
OTHER COMMENTS / SKETCH



Number	Start Date	Start Time	End Time	SPL Time Weight	Freq Weight	LAeq	LAmax	LAmin	LApk	L50	L90	L95
Location ST1 (Piccolo #1804)												
1	11/30/2022	9:29:07 AM	9:30:00 AM	Slow	dBA	65.5	73.0	51.4	86.8	60.9	51.9	51.6
2	11/30/2022	9:30:00 AM	9:31:00 AM	Slow	dBA	67.3	74.7	50.1	87.7	62.2	50.4	50.3
3	11/30/2022	9:31:00 AM	9:32:00 AM	Slow	dBA	73.9	83.9	57.4	97.9	69.8	61	59
4	11/30/2022	9:32:00 AM	9:33:00 AM	Slow	dBA	64.9	70.8	52.1	87.5	63.4	53	52.7
5	11/30/2022	9:33:00 AM	9:34:00 AM	Slow	dBA	69.4	79.5	59.0	94.4	67.1	61	59.8
6	11/30/2022	9:34:00 AM	9:35:00 AM	Slow	dBA	72.3	84.4	55.3	98.1	67.2	58.2	56.2
7	11/30/2022	9:35:00 AM	9:36:00 AM	Slow	dBA	65.3	77.2	49.7	90.0	51.7	50.5	50.3
8	11/30/2022	9:36:00 AM	9:37:00 AM	Slow	dBA	70.3	78.8	49.6	92.4	69.4	50.6	50
9	11/30/2022	9:37:00 AM	9:38:00 AM	Slow	dBA	61.5	69.3	49.2	83.1	54.6	50.1	49.9
10	11/30/2022	9:38:00 AM	9:39:00 AM	Slow	dBA	71.7	78.7	58.2	91.7	69.9	63.8	60.2
11	11/30/2022	9:39:00 AM	9:40:00 AM	Slow	dBA	66.7	78.5	50.0	93.2	57.2	50.4	50.3
12	11/30/2022	9:40:00 AM	9:41:00 AM	Slow	dBA	71.2	81.1	50.6	95.6	64.1	52.3	51.6
13	11/30/2022	9:41:00 AM	9:42:00 AM	Slow	dBA	65.5	74.3	54.8	87.9	62.4	56.1	55.3
14	11/30/2022	9:42:00 AM	9:43:00 AM	Slow	dBA	71.2	78.4	52.3	93.7	70.5	54.2	53
15	11/30/2022	9:43:00 AM	9:44:00 AM	Slow	dBA	67.1	76.7	53.1	90.4	62.3	54.4	53.8
16	11/30/2022	9:44:00 AM	9:44:02 AM	Slow	dBA	54.8	55.4	54.5	78.8	54.7	54.6	54.6
Average Over Total Measurement Duration ST1 (Leq dBA):						**69.2**						

Number	Start Date	Start Time	End Time	SPL Time Weight	Freq Weight	LAeq	LAmax	LAmin	LApk	L50	L90	L95
Location ST2 (Piccolo #2004)												
1	11/30/2022	9:28:23 AM	9:29:00 AM	Slow	dBA	59.5	66.5	54.8	78.9	57.5	55.6	55.3
2	11/30/2022	9:29:00 AM	9:30:00 AM	Slow	dBA	53.2	56.9	50.3	70.1	52.7	51.4	50.7
3	11/30/2022	9:30:00 AM	9:31:00 AM	Slow	dBA	57.0	65.9	49.7	79.4	53	50	49.9
4	11/30/2022	9:31:00 AM	9:32:00 AM	Slow	dBA	58.1	66.7	49.8	79.8	55.3	51	50.5
5	11/30/2022	9:32:00 AM	9:33:00 AM	Slow	dBA	56.0	63.2	49.5	75.2	53.7	50.4	49.9
6	11/30/2022	9:33:00 AM	9:34:00 AM	Slow	dBA	57.4	62.8	53.5	76.3	56.3	54	53.8
7	11/30/2022	9:34:00 AM	9:35:00 AM	Slow	dBA	58.9	68.5	50.8	81.3	53.2	51.2	51
8	11/30/2022	9:35:00 AM	9:36:00 AM	Slow	dBA	53.2	61.3	48.5	74.4	49.6	48.8	48.7
9	11/30/2022	9:36:00 AM	9:37:00 AM	Slow	dBA	55.9	62.2	49.0	75.9	54.9	49.4	49.3
10	11/30/2022	9:37:00 AM	9:38:00 AM	Slow	dBA	51.3	58.5	47.2	70.9	49.5	47.6	47.5
11	11/30/2022	9:38:00 AM	9:39:00 AM	Slow	dBA	57.3	64.7	51.0	78.1	55.3	52.6	51.7
12	11/30/2022	9:39:00 AM	9:40:00 AM	Slow	dBA	52.5	62.5	49.0	73.6	51.3	49.7	49.5
13	11/30/2022	9:40:00 AM	9:41:00 AM	Slow	dBA	57.7	65.5	50.2	78.0	54.5	51.8	51.4
14	11/30/2022	9:41:00 AM	9:42:00 AM	Slow	dBA	54.1	58.4	49.7	71.2	53.5	51.7	50.2
15	11/30/2022	9:42:00 AM	9:43:00 AM	Slow	dBA	57.6	64.0	50.5	76.8	55.9	50.9	50.8
16	11/30/2022	9:43:00 AM	9:44:00 AM	Slow	dBA	54.7	62.6	49.0	76.3	52.9	49.6	49.4
17	11/30/2022	9:44:00 AM	9:44:58 AM	Slow	dBA	57.1	62.6	51.0	76.6	56.4	51.6	51.4

Average Over Total Measurement Duration ST2 (Leq dBA): 56.5

Number	Start Date	Start Time	End Time	SPL Time Weight	Freq Weight	LAeq	LAmax	LAmin	LApk	L50	L90	L95
Location ST3 (Piccolo 1804)												
17	11/30/2022	9:53:04 AM	9:54:00 AM	Slow	dBA	45.9	51.6	42.7	78.2	44.7	43.2	42.9
18	11/30/2022	9:54:00 AM	9:55:00 AM	Slow	dBA	52.6	60.3	45.5	82.0	50.8	46.3	45.9
19	11/30/2022	9:55:00 AM	9:56:00 AM	Slow	dBA	52.2	58.3	45.5	81.3	51.3	46.1	45.7
20	11/30/2022	9:56:00 AM	9:57:00 AM	Slow	dBA	52.8	62.2	44.7	84.0	50.3	46.0	45.3
21	11/30/2022	9:57:00 AM	9:58:00 AM	Slow	dBA	52.7	62.1	45.7	86.5	49.9	47.7	46.5
22	11/30/2022	9:58:00 AM	9:59:00 AM	Slow	dBA	51.7	61.0	44.7	86.3	48.4	45.4	45.2
23	11/30/2022	9:59:00 AM	10:00:00 AM	Slow	dBA	56.4	67.9	44.2	89.3	48.8	45.5	44.7
24	11/30/2022	10:00:00 AM	10:01:00 AM	Slow	dBA	50.9	59.0	43.8	73.9	47.1	45.5	44.8
25	11/30/2022	10:01:00 AM	10:02:00 AM	Slow	dBA	59.5	70.7	46.5	90.4	51.0	48.7	47.9
26	11/30/2022	10:02:00 AM	10:03:00 AM	Slow	dBA	53.3	70.2	43.5	72.2	51.2	45.9	44.8
27	11/30/2022	10:03:00 AM	10:04:00 AM	Slow	dBA	56.6	67.3	48.7	87.9	54.0	49.4	49.2
28	11/30/2022	10:04:00 AM	10:05:00 AM	Slow	dBA	52.7	58.6	45.4	80.1	51.0	47.0	46.3
29	11/30/2022	10:05:00 AM	10:06:00 AM	Slow	dBA	61.8	71.6	48.6	89.8	54.1	49.5	49.2
30	11/30/2022	10:06:00 AM	10:07:00 AM	Slow	dBA	61.9	71.7	46.9	89.7	50.3	47.5	47.1
31	11/30/2022	10:07:00 AM	10:08:00 AM	Slow	dBA	51.8	58.0	44.5	70.8	50.2	46.0	44.9
32	11/30/2022	10:08:00 AM	10:09:00 AM	Slow	dBA	63.1	72.4	46.6	92.1	55.2	48.6	47.9
33	11/30/2022	10:09:00 AM	10:10:00 AM	Slow	dBA	64.1	70.9	46.2	89.7	58.6	47.9	46.7
34	11/30/2022	10:10:00 AM	10:11:00 AM	Slow	dBA	56.7	69.5	47.0	95.3	52.0	48.9	48.4
35	11/30/2022	10:11:00 AM	10:12:00 AM	Slow	dBA	52.4	61.4	45.6	81.6	50.7	47.9	46.9
36	11/30/2022	10:11:59 AM	10:12:03 AM	Slow	dBA	54.4	55.0	52.4	69.0	53.8	52.6	52.5

Average Over Total Measurement Duration ST3 (Leq dBA): 57.8

Number	Start Date	Start Time	End Time	SPL Time Weight	Freq Weight	LAeq	LAmax	LAmin	LApk	L50	L90	L95
Location ST4 (Piccolo #0204)												
18	11/30/2022	9:54:12 AM	9:55:00 AM	Slow	dBA	70.7	83.7	51.3	99.6	60.8	51.9	51.5
19	11/30/2022	9:55:00 AM	9:56:00 AM	Slow	dBA	67.8	74.7	49.9	94.8	65.5	51.3	50.1
20	11/30/2022	9:56:00 AM	9:57:00 AM	Slow	dBA	60.9	71.1	48.0	89.4	52.7	49.1	48.7
21	11/30/2022	9:57:00 AM	9:58:00 AM	Slow	dBA	66.4	75.1	54.9	89.8	63.9	58.3	56.7
22	11/30/2022	9:58:00 AM	9:59:00 AM	Slow	dBA	60.7	68.0	49.0	86.5	53.5	50.3	49.6
23	11/30/2022	9:59:00 AM	10:00:00 AM	Slow	dBA	64.5	77.3	48.2	89.3	52.7	49.7	49.0
24	11/30/2022	10:00:00 AM	10:01:00 AM	Slow	dBA	66.5	75.9	50.6	88.6	61.2	52.9	52.0
25	11/30/2022	10:01:00 AM	10:02:00 AM	Slow	dBA	70.5	80.8	56.8	95.6	67.3	58.7	57.6
26	11/30/2022	10:02:00 AM	10:03:00 AM	Slow	dBA	68.7	75.4	51.5	90.1	66.5	54.0	52.4
27	11/30/2022	10:03:00 AM	10:04:00 AM	Slow	dBA	68.1	77.6	55.3	89.6	63.6	57.5	56.8
28	11/30/2022	10:04:00 AM	10:05:00 AM	Slow	dBA	68.2	77.0	50.1	91.5	60.9	50.7	50.4
29	11/30/2022	10:05:00 AM	10:06:00 AM	Slow	dBA	68.9	82.6	51.1	96.4	55.2	53.0	51.8
30	11/30/2022	10:06:00 AM	10:07:00 AM	Slow	dBA	66.0	74.6	50.7	90.0	62.9	51.4	51.0
31	11/30/2022	10:07:00 AM	10:08:00 AM	Slow	dBA	64.8	75.4	50.6	88.3	55.8	51.4	51.0
32	11/30/2022	10:08:00 AM	10:09:00 AM	Slow	dBA	68.2	80.9	50.0	95.4	57.6	51.1	50.3
33	11/30/2022	10:09:00 AM	10:09:03 AM	Slow	dBA	62.6	65.2	61.0	80.5	64.4	61.7	61.4
Average Over Total Measurement Duration ST4 (Leq dBA):						**67.3**						

ATTACHMENT B

CONSTRUCTION NOISE MODELING DATA

CONSTRUCTION NOISE LEVEL ANALYSIS AT CLOSEST RESIDENCE (35 FEET)
On Opposite Side of Existing 8 foot tall block wall

Noise level limit for construction phase at residential land use, per FTA guidance = 80
Averaging Period (in hours): 8

Construction Sub-Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Predicted 8-hour Leq	Attenuated level - 8 foot block wall
Site Preparation	Backhoe	1	40	78		35	81.1	77	65
	Dozer	1	40	82		35	85.1	81	69
	Grader	1	40	85		35	88.1	84	72
					Total for Site Preparation Phase:		**90.4**	**86.4**	**74.4**
Grading	Dozer	1	40	82		35	85.1	81	69
	Front End Loader	2	40	79		35	82.1	81	69
	Grader	1	40	85		35	88.1	84	72
					Total for Grading Phase:		**90.5**	**87.1**	**75.1**
Building Construction	Crane	1	16	81		35	84.1	76	64
	Generator	1	50	72		35	75.1	72	60
	Gradall	1	40	83		35	86.1	82	70
	Backhoe	1	40	78		35	81.1	77	65
	Welder / Torch	3	40	73		35	76.1	77	65
					Total for Building Construction Phase:		**89.4**	**85.1**	**73.1**
Architectural Coating	Compressor (Air)	1	40	78		35	81.1	77	65
					Total for Architectural Coating Phase:		**81.1**	**77.1**	**65.1**
Paving	Backhoe	1	40	78		35	81.1	77	65
	Concrete Mixer Truck	1	40	79		35	82.1	78	66
	Paver	1	50	77		35	80.1	77	65
	Roller	1	20	80		35	83.1	76	64
	Dump Truck	1	40	76		35	79.1	75	63
					Total for Paving Phase:		**88.3**	**83.8**	**71.8**

CONSTRUCTION NOISE LEVEL ANALYSIS AT SECOND CLOSEST RESIDENCE (100 FEET)

Noise level limit for construction phase at residential land use, per FTA guidance = 80

Averaging Period (in hours): 8

Construction Sub-Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Predicted 8-hour Leq
Site Preparation	Backhoe	1	40	78		100	72.0	68
	Dozer	1	40	82		100	76.0	72
	Grader	1	40	85		100	79.0	75
					Total for Site Preparation Phase:		**81.3**	**77.3**
Grading	Dozer	1	40	82		100	76.0	72
	Front End Loader	2	40	79		100	73.0	72
	Grader	1	40	85		100	79.0	75
					Total for Grading Phase:		**81.4**	**78.0**
Building Construction	Crane	1	16	81		100	75.0	67
	Generator	1	50	72		100	66.0	63
	Gradall	1	40	83		100	77.0	73
	Backhoe	1	40	78		100	72.0	68
	Welder / Torch	3	40	73		100	67.0	68
					Total for Building Construction Phase:		**80.3**	**75.9**
Architectural Coating	Compressor (Air)	1	40	78		100	72.0	68
					Total for Architectural Coating Phase:		**72.0**	**68.0**
Paving	Backhoe	1	40	78		100	72.0	68
	Concrete Mixer Truck	1	40	79		100	73.0	69
	Paver	1	50	77		100	71.0	68
	Roller	1	20	80		100	74.0	67
	Dump Truck	1	40	76		100	70.0	66
					Total for Paving Phase:		**79.2**	**74.7**

Equipment Description	Impact Device?	Acoustical Use Factor (%)	Lesser of or available Lmax	Spec. 721 Lmax	Measured L_{max} @50ft (dBA, slow)
All Other Equipment > 5 HP	No	50	85	85	-- N/A --
Auger Drill Rig	No	20	84	85	84
Backhoe	No	40	78	80	78
Bar Bender	No	20	80	80	-- N/A --
Blasting	Yes	-- N/A --	94	94	-- N/A --
Boring Jack Power Unit	No	50	80	80	83
Chain Saw	No	20	84	85	84
Clam Shovel (dropping)	Yes	20	87	93	87
Compactor (ground)	No	20	80	80	83
Compressor (air)	No	40	78	80	78
Concrete Batch Plant	No	15	83	83	-- N/A --
Concrete Mixer Truck	No	40	79	85	79
Concrete Pump Truck	No	20	81	82	81
Concrete Saw	No	20	90	90	90
Crane	No	16	81	85	81
Dozer	No	40	82	85	82
Drill Rig Truck	No	20	79	84	79
Drum Mixer	No	50	80	80	80
Dump Truck	No	40	76	84	76
Excavator	No	40	81	85	81
Flat Bed Truck	No	40	74	84	74
Front End Loader	No	40	79	80	79
Generator	No	50	72	72	81
Generator (<25KVA, VMS signs)	No	50	70	70	73
Gradall	No	40	83	85	83
Grader	No	40	85	85	-- N/A --
Grapple (on backhoe)	No	40	85	85	87
Horizontal Boring Hydr. Jack	No	25	80	80	82
Hydra Break Ram	Yes	10	90	90	-- N/A --
Impact Pile Driver	Yes	20	95	95	101
Jackhammer	Yes	20	85	85	89
Man Lift	No	20	75	85	75
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	90
Pavement Scarafier	No	20	85	85	90
Paver	No	50	77	85	77
Pickup Truck	No	40	55	55	75
Pneumatic Tools	No	50	85	85	85
Pumps	No	50	77	77	81
Refrigerator Unit	No	100	73	82	73
Rivit Buster/chipping gun	Yes	20	79	85	79

Rock Drill	No	20	81	85	81
Roller	No	20	80	85	80
Sand Blasting (Single Nozzle)	No	20	85	85	96
Scraper	No	40	84	85	84
Shears (on backhoe)	No	40	85	85	96
Slurry Plant	No	100	78	78	78
Slurry Trenching Machine	No	50	80	82	80
Soil Mix Drill Rig	No	50	80	80	-- N/A --
Tractor	No	40	84	84	-- N/A --
Vacuum Excavator (Vac-truck)	No	40	85	85	85
Vacuum Street Sweeper	No	10	80	80	82
Ventilation Fan	No	100	79	85	79
Vibrating Hopper	No	50	85	85	87
Vibratory Concrete Mixer	No	20	80	80	80
Vibratory Pile Driver	No	20	95	95	101
Warning Horn	No	5	83	85	83
Welder / Torch	No	40	73	73	74

ATTACHMENT C

NOISEPRO MODELING DATA

Technical Basis of Dudek's "NoisePro" Excel-based Outdoor Sound Propagation Prediction Model

In summary, the Microsoft Excel-based **NoisePro** outdoor sound propagation model developed by Dudek calculates the aggregate sound pressure level (SPL) received by each and every cell within a two-dimensional (2D) array (a product of X columns of cells by Y rows of cells). The quantity of this received SPL, in A-weighted decibels (dBA), is the logarithmic sum of acoustical contribution from each of "n" user-input sound emitting point sources located on the same 2D array, which may be written as follows:

$$SPL_{X,Y} = 10 * \log \sum_{i=1}^{n} 10^{0.1[L_i - A_i]}$$

where each individual source sound level (L_i) is attenuated by an algebraic sum of three attenuation factors ($A_i = A_{div} + A_{atm} + A_{gr}$) that are each dependent on the distance between the sound source position on the X by Y array and the receiving $SPL_{X,Y}$ position on a different position in the same 2D array of worksheet cells, where each cell is defined by the user as representing the center of a square area having equal sides of user-defined length in feet. The above expression is based on Equation 5 from the International Organization for Standardization (ISO) 9613-2 "Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation", and the individual attenuation factors used by **NoisePro** emulate those in Equation 4 and may be summarized as follows:

- $\boldsymbol{A_{div}}$ = attenuation due to *geometrical divergence* (i.e., pure distance), equating to 20*LOG(d/d_{ref}); and where $\boldsymbol{d}$ is the horizontal distance between a source and a receiver position, while $\boldsymbol{d_{ref}}$ is the reference distance at which the sound source L_i is defined.
- $\boldsymbol{A_{atm}}$ = attenuation due to *atmospheric absorption*, which for 1,000 Hz (1 kHz) = 4.16*$\boldsymbol{d}$/3280 and is derived from Equation 5.7 in Noise & Vibration Control Engineering (Beranek and Ver, 1992).
- $\boldsymbol{A_{gr}}$ = attenuation due to *ground effects*, appearing as Equation 10 in ISO 9613-2 and can be expressed with the following Excel formula:

  $$\boldsymbol{A_{gr}} = \text{MAX}(0,4.8-[\boldsymbol{h_s}+\boldsymbol{h_r}]/\boldsymbol{d}*[17+984/\boldsymbol{d}])$$

  where $\boldsymbol{h_s}$ and $\boldsymbol{h_r}$ are the heights (in feet) of the sound source and receiver positions above grade, respectively. This means that for small distances, attenuation from ground effects will be small or essentially zero; and, even at great distances, the attenuation from ground effects is effectively capped at 4.8 dB.

The Excel workbook comprising **NoisePro** calculates $SPL_{X,Y}$ by using a coding loop to evaluate the acoustic contribution from each attenuated sound source ($\boldsymbol{L_i}$ - $\boldsymbol{A_i}$) in sequence, and logarithmically adding the new evaluation to the previous total in a cumulative manner. When all sources have been evaluated, the loop terminates and yields an aggregate or log-summed total $SPL_{X,Y}$ value that is thus unique to a position in the 2D array of cells represented by X and Y, and can thus be "mapped". If the user has defined a particular cell in the X by Y array as a uniquely tagged Receiver, then the corresponding $SPL_{X,Y}$ value can be indexed and displayed accordingly.

The resulting output array of cells, each having an individually calculated $SPL_{X,Y}$ numerical value, is then filled with a color (from a user-defined palette) by application of a Conditional Formatting rules set (an Excel formatting feature) that compares the dB quantity with user-defined "high" and "low" dB ranges for each available color. Each colored cell can thus be likened to a "pixel" within a 2D array that forms a composite image representing—visually—the sound propagation from all modeled sound sources.

Source Inventory with Model Grid Coordinate Locations and Sound Pressure Reference Levels

grid scale	ft		Noise Source Description	Type	SPL (dBA)	Ref. Distance (ft)
x		8.33	Car Wash Blow Dryer	CWBD	90	10
y		8.33	Dome Top Vehicle Vacuum	VAC	62	50
			Package HVAC Unit	HVAC	58	3.28

Source	1	2	3	4	5	6	7
Source Tag	cwbd01	vac01	hvac01	hvac02	hvac03	hvac04	hvac05
Source X-coordinate (feet)	489.7	514.6	456.5	622.5	622.5	522.9	439.9
Source Y-coordinate (feet)	456.5	439.9	415	365.2	564.4	564.4	564.4
Source Type	CWBD	VAC	HVAC	HVAC	HVAC	HVAC	HVAC
Source Refernce SPL	90	62	58	58	58	58	58
Source Reference Dist. (ft.)	10	50	3.28	3.28	3.28	3.28	3.28
Source Height Above Grade (ft.)	6	4	16	16	16	16	16

Receiver Inventory with Model Grid Coordinate Locations and Predicted Operational Sound Level Exposure

Receiver				
Receiver Tag	R001	R002	R003	R004
Receiver X-coordinate (feet)	664	772	540	216
Receiver Y-coordinate (feet)	149	398	656	291
Receiver Ht Above Ground (ft)	5	5	5	5
SPL Predicted at Receiver	42	44.8	44.6	42.3

GRID CALCULATION WORKSHEET

Example Portion of Concluded Calculations Loop

grid size (ft)	
x	8.33
y	8.33
rcvr plane height (ft)	
z	5

Source	**7**
Source Tag	hvac05
Source X-coordinate	439.9
Source Y-coordinate	564.4
Source Z-coordinate	16
Source Reference SPL	58
Source Ref. Distance (ft.)	3.28
Source height above grade (ft.)	16

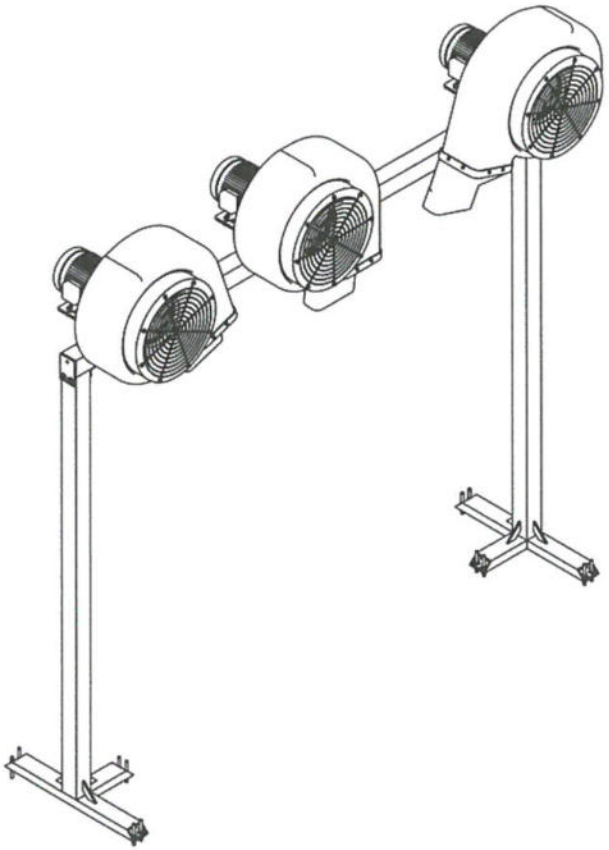
Grid Upper Left (C,R)

1 1

Grid Lower Right (C,R)

120 90

		Receiver Location			
Column	Row	X-coord	Y-coord	Z-coord	Cumulative SPL
1	1	8.3	8.3	5	35.7
1	2	8.3	16.6	5	35.7
1	3	8.3	24.9	5	35.9
1	4	8.3	33.2	5	35.8
1	5	8.3	41.5	5	36.0
1	6	8.3	49.8	5	36.0
1	7	8.3	58.1	5	36.2
1	8	8.3	66.4	5	36.5
1	9	8.3	74.7	5	36.2
1	10	8.3	83	5	36.4
1	11	8.3	91.3	5	36.3
1	12	8.3	99.6	5	36.5
1	13	8.3	107.9	5	36.6
1	14	8.3	116.2	5	36.6
1	15	8.3	124.5	5	36.8
1	16	8.3	132.8	5	36.9
1	17	8.3	141.1	5	36.8
1	18	8.3	149.4	5	37.0
1	19	8.3	157.7	5	37.1
1	20	8.3	166	5	37.4
1	21	8.3	174.3	5	37.0
1	22	8.3	182.6	5	37.3
1	23	8.3	190.9	5	37.4
1	24	8.3	199.2	5	37.7
1	25	8.3	207.5	5	37.2
1	26	8.3	215.8	5	37.6
1	27	8.3	224.1	5	37.7
1	28	8.3	232.4	5	37.7
1	29	8.3	240.7	5	38.0





THIRD ANGLE PROJECTION	MACHINING TOLERANCES	DRAWN LVerdecia	8/26/2011
BREAK ALL SHARP CORNERS PART TO BE FREE OF BURRS	FRACTIONS 1/16"	APPROVED	8/1/2012
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES	XX DECIMAL ± 0.030	CATEGORY BLOWER	
MATERIAL	XXX DECIMAL ± 0.005	DESCRIPTION	BLOWER ASSEMBLY, ONE ARCH 45HP
	ANGULARITY ± 2°	PART NUMBER	BL1-45HP-1
	FINISH 125	SHEET 2 OF 2	SIZE A / SCALE N.T.S.

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SONNY'S ENTERPRISES
THE CARWASH FACTORY

JE Adams Vacuum Reference Noise Level Data



9209

2 Motor Vac - Small Dome															
Wide Open With Attachment	Distance From Vac in Feet														
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Sound Level (dB)	76.4	70.4	66.9	64.4	62.4	60.9	59.5	58.4	57.3	56.4	55.6	54.8	54.1	53.5	52.9
Sealed Attachment	Distance From Vac in Feet														
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Sound Level (dB)	80.5	74.5	71.0	68.5	66.5	64.9	63.6	62.4	61.4	60.5	59.7	58.9	58.2	57.6	57.0
Attachment Removed	Distance From Vac in Feet														
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Sound Level (dB)	74.5	68.5	65.0	62.5	60.6	59.0	57.6	56.5	55.4	54.5	53.7	52.9	52.3	51.6	51.0

SAMSUNG

VRF Technical Data Book

DVM S Eco for America (R410A, 60Hz, HR)

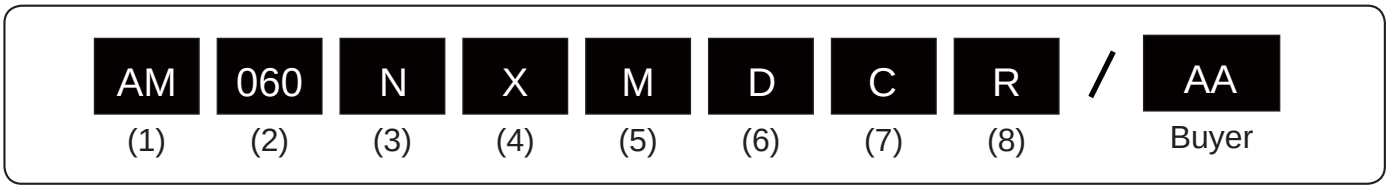


Model : AM***NXMDCR/AA

Nomenclature

Outdoor Unit

Model Name



(1) Classification

AM	DVM

(2) Capacity

kBtu/h (3 digits)

(3) Version

K	2016
M	2017
N	2018

(4) Product Type

X	Outdoor Unit
N	Indoor Unit

(5) Product Notation

M	DVM S Eco

(6) Feature

A	Standard + General Temp.+ MODULE
H	High EER + Low Temp + Module
D	STANDARD+GENERAL Temp. + NON MODULE

(7) Rating Voltage

E	1Ø, 220~240V, 50Hz
G	3Ø, 380~415V, 50Hz
H	3Ø, 380V, 60Hz
C	1Ø, 208V~230V, 60Hz

(8) Mode

H	Heat Pump
R	Heat Recovery

2. Specification

Type				DVM S ECO	DVM S ECO	DVM S ECO	DVM S ECO
Model Name				AM036NXMDCR/AA	AM048NXMDCR/AA	AM053NXMDCR/AA	AM060NXMDCR/AA
Power Supply			Φ, #, V, Hz	1, 2, 208 ~ 230, 60	1, 2, 208 ~ 230, 60	1, 2, 208 ~ 230, 60	1, 2, 208 ~ 230, 60
Mode			-	Heat Recovery	Heat Recovery	Heat Recovery	Heat Recovery
Performance	TON		TON	3	4	4.5	5
	Capacity	Cooling 1)*	Btu/h	38,000	48,000	53,000	60,000
		Heating 2)*	Btu/h	42,000	54,000	61,000	66,000
Maximum number of connectable indoor units			EA	8	9	10	10
	Total capacity of the connected Indoor Units	Min.	MBH	19	24	27	30
		Max.	MBH	49	62	69	78
Power	Power Input (Nominal)	Cooling 1)*	kW	3.1	4.2	5.3	5.2
		Heating 2)*		3.4	4.4	5.4	5.3
	Current Input (Nominal)	Cooling 1)*	A	15.0	20.3	25.6	23.0
		Heating 2)*		16.4	21.3	26.1	23.5
	MCA		A	23.0	29.0	34.0	32.0
	MOP			40.0	50.0	50.0	50.0
COP	EER (Nominal Cooling, US)		(Btu/h)/W	12.3	11.4	10.0	11.5
	COP (Nominal Heating)		W/W	3.62	3.60	3.31	3.65
	EER 3)*		(Btu/h)/W	11.20	10.20	9.45	10.90
	COP 3)*		W/W	3.00	3.00	2.95	3.54
	SEER 3)*		-	17.2	17.2	17.5	17.1
	HSPF 3)*		-	9.5	10.4	10.0	10.9
Casing	Material	Cabinet	-	EGI steel plate	EGI steel plate	EGI steel plate	EGI steel plate
		Base		GI steel plate	GI steel plate	GI steel plate	GI steel plate
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin		Al	Al	Al	Al
		Tube		Cu	Cu	Cu	Cu
	Fin Treatment		-	Anti-corrosion	Anti-corrosion	Anti-corrosion	Anti-corrosion
Compressor	Type		-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Inverter Scroll
	Output		kW × n	4.04 x 1	4.04 x 1	4.04 x 1	4.96 x 1
	Model Name		-	UG5TK5450FJX x 1	UG5TK5450FJX x 1	UG5TK5450FJX x 1	DS-GB052FBVA
	Oil	Type	-	PVE	PVE	PVE	PVE
		Initial Charge	cc (fl oz)	1700 (57.4)	1700 (57.4)	1700 (57.4)	1100 (37.2)
Fan	Type		-	Propeller	Propeller	Propeller	Propeller
	Discharge direction		-	Horizontal	Horizontal	Horizontal	Horizontal
	Quantity		ea	2	2	2	2
	Air Flow Rate		CMM	110	110	110	135
			CFM	3,885	3,885	3,885	4,767
			l/s	1,833	1,833	1,833	2,250
	External Static Pressure	Max.	mmAq	-	-	-	-
			Pa	-	-	-	-
Fan Motor	Model		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	125 x 2	125 x 2	125 x 2	139 x 2
Piping Connections	Liquid Pipe		Type	Braze connection	Braze connection	Braze connection	Braze connection
			Φ,mm(inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Gas Pipe		Type	Braze connection	Braze connection	Braze connection	Braze connection
			Φ,mm(inch)	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")	19.05 (3/4")
	Discharge Gas Pipe (HR Only)		Type	Braze connection	Braze connection	Braze connection	Braze connection
			Φ,mm(inch)	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")
	Heat insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
	Piping length (ODU-IDU)	Max. [Equiv.]	m (ft)	150 [175] (492 [574])	150 [175] (492 [574])	150 [175] (492 [574])	150 [175] (492 [574])
	Piping length (1st Branch-IDU)	Max.	m (ft)	40 (131)	40 (131)	40 (131)	40 (131)

7. Sound Data

Summary

Capacity		Model	Sound Pressure dB (A)		Sound Power dB(A)
Ton	Btu/h		Cooling	Heating	
3	38,000	AM036NXMDCR/AA	50	52	66
4	48,000	AM048NXMDCR/AA	51	53	68
4.5	53,000	AM053NXMDCR/AA	53	55	69
5	60,000	AM060NXMDCR/AA	58	60	76

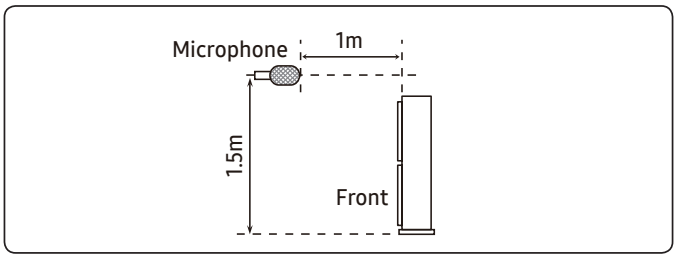
NOTE

- Specifications may be subject to change without prior notice.
- Sound Pressure Level
  - Sound pressure level is obtained in an anechoic room.
  - Sound pressure level is a relative value, depending on the distance and acoustic environment.
  - Sound pressure level may differ depending on operation condition.
  - dBA = A-weighted sound pressure level
  - Reference acoustic pressure 0 dB = 20μPa
- Sound Power Level
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

7. Sound Data

Sound Pressure level

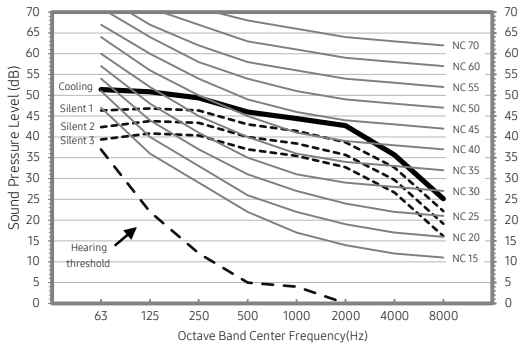
Unit: dB(A)



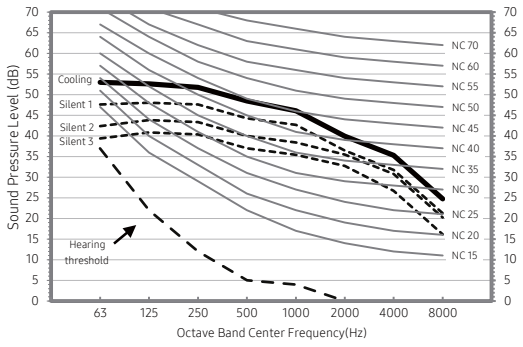
Model	Cooling	Silent 1	Silent 2	Silent 3
AM036NXMDCR/AA	50	47	44	41
AM048NXMDCR/AA	51	48	45	42
AM053NXMDCR/AA	53	50	47	44
AM060NXMDCR/AA	58	55	52	49

- NC Curve

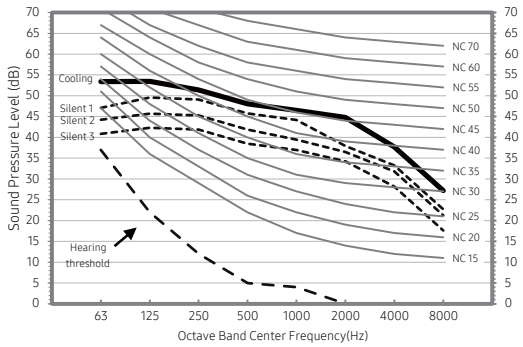
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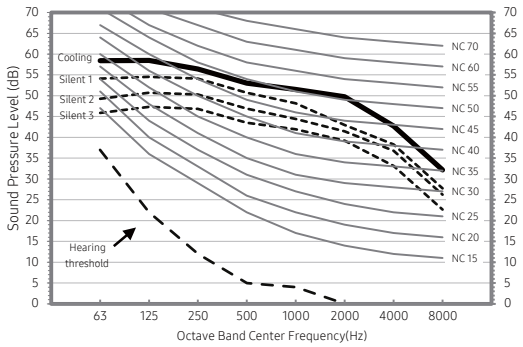
2) AM048NXMDCR/AA



3) AM053NXMDCR/AA



4) AM060NXMDCR/AA



NOTE

- Specifications may be subject to change without prior notice.
- Sound pressure Level
  - Sound pressure level is obtained in an anechoic room.
  - Sound pressure level is a relative value, depending on the distance and acoustic environment.
  - Sound pressure level may differ depending on operation condition.
  - dBA = A weighted sound pressure level
  - Reference acoustic pressure 0 dB = 20μPa
- Silent mode available by option setting.
  - In cooling mode can be choose depending outdoor temperature/external contact signal
  - In heating mode can be choose only external contact signal

7. Sound Data

Sound Pressure level

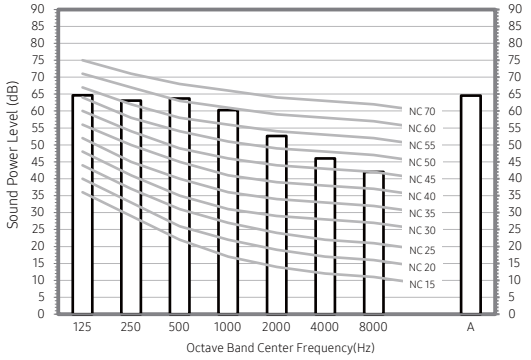
NOTE

- Specifications may be subject to change without prior notice
- Sound Power Level
  - Sound power level is an absolute value that a sound source generates.
  - dBA = A-weighted sound power level.
  - Reference power : 1pW.
  - Measured according to ISO 3741.

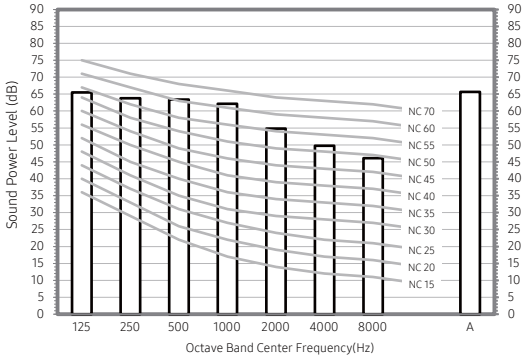
Unit: dB(A)

Model	Power
AM036NXMDCR/AA	66
AM048NXMDCR/AA	67
AM053NXMDCR/AA	69
AM060NXMDCR/AA	76

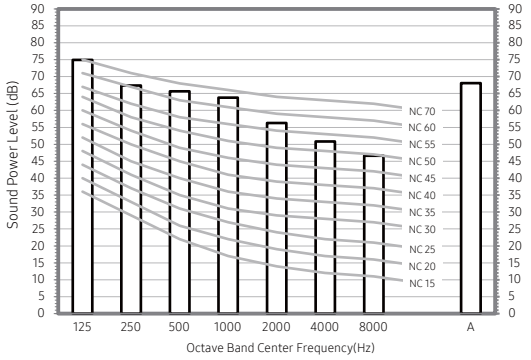
1) AM036NXMDCR/AA



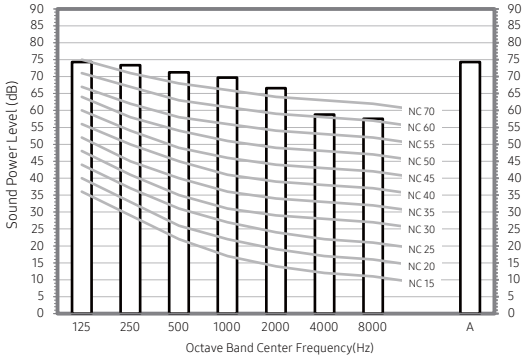
2) AM048NXMDCR/AA



3) AM053NXMDCR/AA



4) AM060NXMDCR/AA



ATTACHMENT D

TRAFFIC NOISE MODELING DATA

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, East of Airport	DATE:	12/5/2022
Scenario:	**Calibration**	BY:	J. Leech

ADT	8,040			PK HR VOL	804
SPEED	45				
PK HR %	10				
DIST CTL	35				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		30.4
DIST WALL	0		MED TRUCK SLE DIST		30.1
DIST W/OB	35		HVY TRUCK SLE DIST		30.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	67.5	65.5	64.0	57.8	67.0
MEDIUM TRUCKS	61.7	60.3	54.1	50.9	60.4
HEAVY TRUCKS	63.5	62.2	53.5	53.0	62.2
VEHICULAR NOISE	69.7	68.0	64.7	59.6	**68.9**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, East of Airport	DATE:	12/5/2022
Scenario:	**Existing**	BY:	J. Leech

ADT	11,570			PK HR VOL	1,157
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	65.5	63.6	62.0	55.8	65.1
MEDIUM TRUCKS	59.7	58.3	52.2	48.9	58.4
HEAVY TRUCKS	61.5	60.2	51.5	51.0	60.2
VEHICULAR NOISE	67.7	66.0	62.8	57.7	**67.0**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, East of Airport	DATE:	12/5/2022
Scenario:	**Existing + Project**	BY:	J. Leech

ADT	12,000			PK HR VOL	1,200
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	65.7	63.8	62.2	56.0	65.2
MEDIUM TRUCKS	59.8	58.5	52.3	49.1	58.6
HEAVY TRUCKS	61.6	60.3	51.6	51.2	60.4
VEHICULAR NOISE	67.9	66.2	63.0	57.8	**67.1**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, East of Airport	DATE:	12/5/2022
Scenario:	**Cumulative**	BY:	J. Leech

ADT	24,310			PK HR VOL	2,431
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	68.8	66.8	65.3	59.0	68.3
MEDIUM TRUCKS	62.9	61.5	55.4	52.1	61.6
HEAVY TRUCKS	64.7	63.4	54.7	54.2	63.4
VEHICULAR NOISE	70.9	69.3	66.0	60.9	**70.2**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, East of Airport	DATE:	12/5/2022
Scenario:	**Cumulative**	BY:	J. Leech

ADT	24,740			PK HR VOL	2,474
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	68.8	66.9	65.3	59.1	68.4
MEDIUM TRUCKS	63.0	61.6	55.5	52.2	61.7
HEAVY TRUCKS	64.8	63.5	54.8	54.3	63.5
VEHICULAR NOISE	71.0	69.3	66.1	61.0	**70.3**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, West of Airport	DATE:	12/5/2022
Scenario:	**Existing**	BY:	J. Leech

ADT	12,440			PK HR VOL	1,244
SPEED	45				
PK HR %	10				
DIST CTL	75				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		73.0
DIST WALL	0		MED TRUCK SLE DIST		72.9
DIST W/OB	75		HVY TRUCK SLE DIST		72.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	63.7	61.7	60.2	54.0	63.2
MEDIUM TRUCKS	57.8	56.4	50.3	47.0	56.5
HEAVY TRUCKS	59.6	58.3	49.6	49.1	58.3
VEHICULAR NOISE	65.9	64.2	60.9	55.8	**65.1**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, West of Airport	DATE:	12/5/2022
Scenario:	**Existing + Project**	BY:	J. Leech

ADT	12,990			PK HR VOL	1,299
SPEED	45				
PK HR %	10				
DIST CTL	75				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		73.0
DIST WALL	0		MED TRUCK SLE DIST		72.9
DIST W/OB	75		HVY TRUCK SLE DIST		72.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	63.9	61.9	60.4	54.1	63.4
MEDIUM TRUCKS	58.0	56.6	50.5	47.2	56.7
HEAVY TRUCKS	59.8	58.5	49.8	49.3	58.5
VEHICULAR NOISE	66.0	64.4	61.1	56.0	**65.3**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, West of Airport	DATE:	12/5/2022
Scenario:	**Cumulative**	BY:	J. Leech

ADT	26,580			PK HR VOL	2,658
SPEED	45				
PK HR %	10				
DIST CTL	75				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		73.0
DIST WALL	0		MED TRUCK SLE DIST		72.9
DIST W/OB	75		HVY TRUCK SLE DIST		72.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	67.0	65.0	63.5	57.2	66.5
MEDIUM TRUCKS	61.1	59.7	53.6	50.3	59.8
HEAVY TRUCKS	62.9	61.6	52.9	52.4	61.6
VEHICULAR NOISE	69.1	67.5	64.2	59.1	**68.4**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Lathrop Road, West of Airport	DATE:	12/5/2022
Scenario:	**Cumulative**	BY:	J. Leech

ADT	27,130			PK HR VOL	2,713
SPEED	45				
PK HR %	10				
DIST CTL	75				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		73.0
DIST WALL	0		MED TRUCK SLE DIST		72.9
DIST W/OB	75		HVY TRUCK SLE DIST		72.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	67.1	65.1	63.6	57.3	66.6
MEDIUM TRUCKS	61.2	59.8	53.7	50.4	59.9
HEAVY TRUCKS	63.0	61.7	53.0	52.5	61.7
VEHICULAR NOISE	69.2	67.6	64.3	59.2	**68.5**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, South of Lathrop	DATE:	12/5/2022
Scenario:	**Calibration**	BY:	J. Leech

ADT	4,520			PK HR VOL	452
SPEED	45				
PK HR %	10				
DIST CTL	35				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		30.4
DIST WALL	0		MED TRUCK SLE DIST		30.1
DIST W/OB	35		HVY TRUCK SLE DIST		30.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	65.0	63.0	61.5	55.3	64.5
MEDIUM TRUCKS	59.2	57.8	51.6	48.4	57.9
HEAVY TRUCKS	61.0	59.7	51.0	50.5	59.7
VEHICULAR NOISE	67.2	65.5	62.2	57.1	**66.4**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, South of Lathrop	DATE:	12/5/2022
Scenario:	**Existing**	BY:	J. Leech

ADT	8,480			PK HR VOL	848
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.2	62.3	60.7	54.5	63.7
MEDIUM TRUCKS	58.3	57.0	50.8	47.6	57.1
HEAVY TRUCKS	60.1	58.8	50.1	49.7	58.9
VEHICULAR NOISE	66.4	64.7	61.4	56.3	**65.6**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, South of Lathrop	DATE:	12/5/2022
Scenario:	**Existing + Project**	BY:	J. Leech

ADT	8,810			PK HR VOL	881
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.4	62.4	60.9	54.6	63.9
MEDIUM TRUCKS	58.5	57.1	51.0	47.7	57.2
HEAVY TRUCKS	60.3	59.0	50.3	49.8	59.0
VEHICULAR NOISE	66.5	64.9	61.6	56.5	**65.8**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, South of Lathrop	DATE:	12/5/2022
Scenario:	**Cumulative**	BY:	J. Leech

ADT	22,430			PK HR VOL	2,243
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	68.4	66.5	64.9	58.7	67.9
MEDIUM TRUCKS	62.6	61.2	55.0	51.8	61.3
HEAVY TRUCKS	64.4	63.1	54.4	53.9	63.1
VEHICULAR NOISE	70.6	68.9	65.7	60.6	**69.8**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, South of Lathrop	DATE:	12/5/2022
Scenario:	**Cumulative + Project**	BY:	J. Leech

ADT	22,760			PK HR VOL	2,276
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	68.5	66.6	65.0	58.8	68.0
MEDIUM TRUCKS	62.6	61.2	55.1	51.8	61.4
HEAVY TRUCKS	64.4	63.1	54.4	53.9	63.1
VEHICULAR NOISE	70.7	69.0	65.7	60.6	**69.9**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, North of Lathrop	DATE:	12/5/2022
Scenario:	**Existing**	BY:	J. Leech

ADT	7,350			PK HR VOL	735
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	63.6	61.6	60.1	53.8	63.1
MEDIUM TRUCKS	57.7	56.3	50.2	46.9	56.5
HEAVY TRUCKS	59.5	58.2	49.5	49.0	58.2
VEHICULAR NOISE	65.8	64.1	60.8	55.7	**65.0**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, North of Lathrop	DATE:	12/5/2022
Scenario:	**Existing + Project**	BY:	J. Leech

ADT	7,420			PK HR VOL	742
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	63.6	61.7	60.1	53.9	63.1
MEDIUM TRUCKS	57.8	56.4	50.2	47.0	56.5
HEAVY TRUCKS	59.6	58.2	49.6	49.1	58.3
VEHICULAR NOISE	65.8	64.1	60.9	55.7	**65.0**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, North of Lathrop	DATE:	12/5/2022
Scenario:	**Cumulative**	BY:	J. Leech

ADT	23,060			PK HR VOL	2,306
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	68.5	66.6	65.0	58.8	68.1
MEDIUM TRUCKS	62.7	61.3	55.2	51.9	61.4
HEAVY TRUCKS	64.5	63.2	54.5	54.0	63.2
VEHICULAR NOISE	70.7	69.0	65.8	60.7	**69.9**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Airport Plaza Retail Center - Manteca	JN:	14761
ROADWAY:	Airport, North of Lathrop	DATE:	12/5/2022
Scenario:	**Cumulative + Project**	BY:	J. Leech

ADT	23,130			PK HR VOL	2,313
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		52.2
DIST WALL	0		MED TRUCK SLE DIST		52.0
DIST W/OB	55		HVY TRUCK SLE DIST		52.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-90				
RT ANGLE	90				
DF ANGLE	180				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9700
MEDIUM TRUCKS	0.872	0.053	0.075	0.0200
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	68.5	66.6	65.0	58.8	68.1
MEDIUM TRUCKS	62.7	61.3	55.2	51.9	61.4
HEAVY TRUCKS	64.5	63.2	54.5	54.0	63.2
VEHICULAR NOISE	70.7	69.0	65.8	60.7	**70.0**

Appendix G

Response to Comments Memorandum

MEMORANDUM

To:	Mallorie Fenrich, City of Manteca
From:	Adam Poll
Subject:	Responses to Comments on the Airport Plaza IS/MND
Date:	November 9, 2023
cc:	Angelica Chiu

The Initial Study/Mitigated Negative Declaration (IS/MND) for the Morse Recreation Center project was circulated for public review and comment from September 19, 2023, to October 19, 2023 (SCH No. 2023090415). One comment letter was received from the Central Valley Regional Water Quality Control Board (Water Board) on October 19, 2023. No comment letters were received from any organizations or the public.

The Water Board comment letter is acknowledged by the City of Manteca (City) and has been considered as part of the project planning and its implementation. No revisions to the IS/MND are necessary to address the Water Board comment letter. The comment does not identify any new, avoidable significant effects. There are no revisions to the IS/MND considered "substantial revisions" under CEQA Guidelines Section 15073.5(b) as no new significant impacts have been identified and no new mitigation measures or revisions are required to reduce project impacts. Therefore, recirculation of the document is not required (CEQA Guidelines Section 15073.5). The comment letter and response to the comment letter are included below.

California Water Boards

Gavin Newsom
Governor

Yana Garcia
Secretary for Environmental Protection

Central Valley Regional Water Quality Control Board

19 October 2023

Mallorie Fenrich
City of Manteca
1215 West Center Street, Suite 201
Manteca, CA 95337
mfenrich@manteca.gov

COMMENTS TO REQUEST FOR REVIEW FOR THE MITIGATED NEGATIVE DECLARATION, AIRPORT PLAZA PROJECT, SCH#2023090415, SAN JOAQUIN COUNTY

Pursuant to the State Clearinghouse's 19 September 2023 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Mitigated Negative Declaration* for the Airport Plaza Project, located in San Joaquin County.

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore, our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources Control Board (State Water Board), Office of

Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:
http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/

Antidegradation Considerations

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:
https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf

In part it states:

Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.

This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

II. Permitting Requirements

Construction Storm Water General Permit

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit), Construction General Permit Order No. 2009-0009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). For more information on the Construction General Permit, visit the State Water Resources Control Board website at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml

Clean Water Act Section 404 Permit

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

Clean Water Act Section 401 Permit – Water Quality Certification

If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/

Waste Discharge Requirements – Discharges to Waters of the State

If USACE determines that only non-jurisdictional waters of the State (i.e., "non-federal" waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at:https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at:
https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf

Dewatering Permit

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Threat General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Threat Waiver) R5-2018-0085. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at: http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf

For more information regarding the Low Threat Waiver and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf

Limited Threat General NPDES Permit

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf

NPDES Permit

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/help/permit/

If you have questions regarding these comments, please contact me at (916) 464-4684 or Peter.Minkel2@waterboards.ca.gov.

Peter Minkel

Peter Minkel
Engineering Geologist

cc: State Clearinghouse unit, Governor's Office of Planning and Research, Sacramento

Response to Comment Letter 1

Central Valley Regional Water Quality Control Board
Peter Minkel
October 19, 2023

The comment letter provided by the Water Board includes information on regulatory and permitting requirements. As discussed in the Initial Study/Mitigated Negative Declaration (IS/MND), project construction would be required to adhere to the National Pollution Discharge Elimination System (NPDES) General Construction Permit (Order No. 2009-0009-DWQ, as amended by Order No. 2010-0014-DWQ, NDPES No. CAS000002) requirements that include preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP) and identified best management practices (BMPs). The project operations would be completed in accordance with the Central Valley Region-wide Municipal Separate Storm Sewer System (MS4) Permit (State Water Resources Control Board Order R5-2016-0040 NPDES No. CAS0085324, adopted June 23, 2016). Implementation of these requirements would ensure that the project would not conflict with the Central Valley Regional Water Quality Control Plan (Basin Plan).

The project site does not contain any state- or federally-protected waters and would not involve activities requiring a Clean Water Act Section 404 or Section 401 Permit, or a Waste Discharge Requirement permit. The project would not involve dewatering and would not require dewatering permits.

Appendix H

Mitigation Monitoring and Reporting Program

Airport Plaza Project
Mitigation Monitoring and Reporting Program

INTRODUCTION

This Mitigation Monitoring and Reporting Program (MMRP) has been prepared pursuant to Public Resources Code section 21081.6 of the California Environmental Quality Act (CEQA), to provide for the monitoring of mitigation measures required for the Airport Plaza project, as set forth in the Initial Study/Mitigated Negative Declaration (IS/MND) prepared for the project (SCH No. 2023090415). This report will be kept on file in the City of Manteca Development Services office located at 1215 W. Center Street, Suite 201, Manteca, CA 95337.

MONITORING SCHEDULE

City of Manteca staff will be responsible for ensuring compliance with mitigation monitoring applicable to project construction. City staff will oversee preparation of reports documenting compliance with the adopted mitigation measures. Once construction has begun and is underway, monitoring of the mitigation measures associated with construction will be included in the responsibilities of designated staff, who shall either prepare or oversee preparation of reports, if required, no less than once a month until construction has been completed. Once construction has been completed, the City will monitor the project as deemed necessary.

FORMAT OF MITIGATION MONITORING MATRIX

The mitigation monitoring matrix on the following pages identifies the environmental issue areas for which monitoring is required. The table includes the following information:

- List of mitigation measures
- Party responsible for implementing the mitigation measures
- Party responsible for monitoring completion of the mitigation measures
- Timing for implementation
- Performance evaluation/completion

Airport Plaza Project
Mitigation Monitoring and Reporting Program Matrix

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Performance Evaluation Criteria
Air Quality				
AQ-1 Between June 1 and November 30, when Valley Fever rates of infection are the highest, additional dust suppression measures (such as additional water or the application of additional soil stabilizer) will be implemented prior to and immediately following ground-disturbing activities if wind speeds exceed 15 mph or temperatures exceed 95°F for 3 consecutive days. The additional dust suppression will continue until winds are 10 mph or lower and outdoor air temperatures are below 90°F for at least 2 consecutive days. The additional dust suppression measures will be incorporated into the dust control plan.	Project contractor	City	During construction activities	Compliance with additional dust suppression measures in the dust control plan
AQ-2 Prior to any project grading activity, the primary project construction contractor will prepare and implement a worker training program that describes potential health hazards associated with Valley Fever, common symptoms, proper safety procedures to minimize health hazards, and notification procedures if suspected work-related symptoms are identified during construction. The worker training program will identify safety measures to be implemented by construction contractors during construction. Safety measures will include the following: • Provide HEPA-filtered air-conditioned enclosed cabs on heavy equipment. Train workers on proper use of cabs, such as turning on air conditioning prior to using the equipment. • Provide communication methods, such as two-way radios, for use by workers in enclosed cabs.	Project contractor	City	During construction activities	Compliance with listed safety measures

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Performance Evaluation Criteria
• Provide personal protective equipment, such as half-mask and/or full-mask respirators equipped with particulate filtration, to workers active in dusty work areas. • Provide separate, clean eating areas with hand-washing facilities for construction workers. • Clean equipment, vehicles, and other items before they are moved off site to other work locations. • Provide training for construction workers so they can recognize the symptoms of Valley Fever and promptly report suspected symptoms of work-related Valley Fever to a supervisor. • Direct workers that exhibit Valley Fever symptoms to immediately seek a medical evaluation. • Prior to initiating any grading, the construction contractor will provide the County program manager with copies of all educational training material.				
Biological Resources				
BIO-1 To the extent feasible, the City of Manteca shall schedule vegetation removal activities during the non-breeding season for birds in the region (August 16 through February 14). If vegetation removal must be carried out during the breeding season, a qualified biologist shall conduct a nesting bird survey within 1 week prior to said activities to determine if any birds are nesting on or near the project site (including a 500-foot buffer for raptors). If any active nests are observed during surveys, a suitable avoidance buffer from the nests shall be determined and flagged by a qualified biologist based on species, location, and planned construction activities. Consultation with the California	City, qualified biologist	City	Before and during vegetation removal and construction activities	Completion of nesting bird survey and establishment of necessary avoidance buffers

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Performance Evaluation Criteria
Department of Fish and Wildlife may be required to determine appropriate buffer distances. These nests shall be avoided until the chicks have fledged and the nests are no longer active, as determined by the qualified biologist.				
Cultural Resources				
CUL-1 All employees should be alerted to the potential to encounter archaeological material. In the event that cultural resources (sites, features, or artifacts) are exposed during work activities for the proposed Project, all ground disturbing work occurring within 100 feet of the find shall immediately stop until a qualified specialist, meeting the Secretary of the Interior's Professional Qualification Standards, can evaluate the significance of the find and determine whether additional study is warranted. Prehistoric archaeological deposits may be indicated by the presence of discolored or dark soil, fire-affected material, concentrations of fragmented or whole freshwater bivalves shell, burned or complete bone, non-local lithic materials, or the characteristic observed to be atypical of the surrounding area. Common prehistoric artifacts may include modified or battered lithic materials; lithic or bone tools that appeared to have been used for chopping, drilling, or grinding; projectile points; fired clay ceramics or non-functional items; and other items. Historic-age deposits are often indicated by the presence of glass bottles and shards, ceramic material, building or domestic refuse, ferrous metal, or old features such as concrete foundations or privies. Depending upon the significance of the find under CEQA (14 CCR 15064.5(f); PRC Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan, testing, or data recovery may be warranted.	City, project contractor, qualified archaeologist	City	During construction activities	Evaluation of any resources found and additional work as necessary

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Performance Evaluation Criteria
CUL-2 In accordance with Section 7050.5 of the California Health and Safety Code, if human remains are found, the County Coroner shall be immediately notified of the discovery. No further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the County Coroner has determined, within 2 working days of notification of the discovery, the appropriate treatment and disposition of the human remains. If the County Coroner determines that the remains are, or are believed to be, Native American, he or she shall notify the NAHC in Sacramento within 24 hours. In accordance with California Public Resources Code, Section 5097.98, the NAHC must immediately notify those persons it believes to be the most likely descendant from the deceased Native American. The designated Native American representative would then determine, in consultation with the property owner, the disposition of the human remains.	City, project contractor	City	During construction activities	Notification and compliance with Section 7050.5 of the California Health and Safety Code and PRC Section 5097.98
Geology and Soils				
GEO-1 Prior to commencement of any grading activity on site, the applicant shall retain a qualified paleontologist per the Society of Vertebrate Paleontology (SVP) (2010) guidelines. The paleontologist shall prepare a Paleontological Resources Impact Mitigation Program (PRIMP) for the project. The PRIMP shall be consistent with the SVP guidelines and should outline requirements for pre-construction meeting attendance and worker environmental awareness training; where monitoring is required within the proposed project site based on construction plans and/or geotechnical reports; procedures for adequate paleontological monitoring and discoveries treatment; and paleontological methods (including sediment sampling for microvertebrate fossils), reporting, and collections management. The PRIMP shall also include a statement that any fossil lab	City, project contractor, qualified paleontologist	City	Before and during construction activities	Preparation of PRIMP in compliance with SVP guidelines

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Performance Evaluation Criteria
or curation costs (if necessary due to fossil recovery) are the responsibility of the project proponent. The qualified paleontologist shall attend the pre-construction meeting, and a qualified paleontological monitor shall be on site during all rough grading and other significant ground-disturbing activities (including augering) in previously undisturbed, fine-grained Pleistocene alluvial deposits. In the event that paleontological resources (e.g., fossils) are unearthed during grading, the paleontological monitor will temporarily halt and/or divert grading activity to allow recovery of paleontological resources. The area of discovery will be roped off with a 50-foot radius buffer. Once documentation and collection of the find is completed, the monitor will remove the rope and allow grading to recommence in the area of the find.				
Transportation				
TR-1 Prior to receipt of the Certificate of Occupancy, the project applicant shall modify, at their expense, the medians of Airport Way and Lathrop Road along the project frontages to enable all movements to be permitted at Driveways 1 and 3; and movements at Driveway 2 to be restricted to right-turn in/out movements only. To accommodate southbound left-turns into Driveway 1, it is recommended that the northbound left-turn lane length be reduced to 200 feet, with the 135 feet of distance that is modified becoming a southbound left-turn lane into Driveway 1 (i.e., back-to-back left turn lanes). The median modifications shall be designed per City standards and approved by the City's Engineering Department prior to modifications.	Project applicant	City	Prior to receipt of Certificate of Occupancy	Completion of modifications designed and approved by City
TR-2 Prior to site plan approval by the City, the project applicant shall incorporate the following modification at Driveway 3 for the final design of the project site: *Driveway 3.* Install stop signs on the northbound and eastbound approaches to the first internal intersection	Project application	City	Prior to site plan approval	Incorporation and installation of stop signs at Driveway 3

Mitigation Measure	Implementation Responsibility	Monitoring Responsibility	Timing	Performance Evaluation Criteria
near this driveway (with inbound movements provided priority right-of-way). This will ensure that if a queue of four vehicles arrives, the fourth vehicle will be waiting at the stop sign versus blocking the intersection.				